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TECHNICAL NOTE

D-690-I

AERODYNAMIC LOADS AT MACH NUMBERS FROM 0.70 TO 2.22 ON AN AIRPLANE MODEL HAVING A WING AND CANARD OF TRIANGULAR PLAN FORM AND EITHER SINGLE OR TWIN VERTICAL TAILS

SUPPLEMENT I - TABULATED DATA FOR THE MODEL WITH SINGLE VERTICAL TAIL

By Victor L. Peterson and Gene P. Menees

Ames Research Center
Moffett Field, Calif.

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INTRODUCTION

Tabulated results of a wind-tunnel investigation of the aerodynamic loads on a canard airplane model with a single vertical tail are presented for Mach numbers from 0.70 to 2.22. The Reynolds number for the measurements was 2.9×10^6 based on the wing mean aerodynamic chord. The results include local static-pressure coefficients measured on the wing, body, and vertical tail for angles of attack from -4° to $+16^\circ$, angles of sideslip of 0° and 5.3°, vertical-tail settings of 0° and 5°, and nominal canard deflections of 0° and 10°. Also included are section force and moment coefficients obtained from integrations of the local pressures and model-component force and moment coefficients obtained from integrations of the section coefficients. Geometric details of the model are shown in figure 1 and the locations of the pressure orifices are shown in figure 2. An index to the data contained herein is presented in table I and definitions of nomenclature are given below.

Detailed descriptions of the model and experiments and a brief discussion of some of the results are given in TN D-690. Tabulated results of measurements of the aerodynamic loads on the same canard model but having twin vertical tails instead of a single vertical tail are presented in TN D-690-II.

NOTATION

b	span of surface
c	local chord of surface
c_{av}	average chord of surface, $\frac{S}{b}$

$\bar{c}$ mean aerodynamic chord of wing

$c_{m_{LE}}$ pitching-moment coefficient of wing section referred to the leading edge of section, $-\int_0^{1.0}\left(C_{p_l} - C_{p_u}\right)\left(\frac{x}{c}\right) d\left(\frac{x}{c}\right)$

c_{m_W} pitching-moment coefficient of wing section referred to the projection of the $0.21\bar{c}$ point on the body reference line, $c_{m_{LE}} + \left(\frac{\bar{x}}{c}\right) c_{N_W}$

$c_{n_{LE}}$ yawing-moment coefficient of vertical-tail section referred to the leading edge of section, $\int_0^{1.0}\left(C_{p_R} - C_{p_L}\right)\left(\frac{x}{c}\right) d\left(\frac{x}{c}\right)$

c_{n_V} yawing-moment coefficient of vertical-tail section referred to the projection of the $0.21\bar{c}$ point on the body reference line, $c_{n_{LE}} + c_{Y_V}\left(\frac{\bar{x}}{c}\right)$

c_{N_B} body-section coefficient of force normal to the body surface in the vertical plane of symmetry, positive upward, $-\int_{0.05}^{1.05} C_p \sin\theta \, d\left(\frac{\theta}{2\pi}\right)$

c_{N_W} normal-force coefficient of wing section, $\int_0^{1.0}\left(C_{p_l} - C_{p_u}\right) d\left(\frac{x}{c}\right)$

c_{Y_B} body-section coefficient of force normal to the body surface in the lateral plane of symmetry, positive right, $-\int_{0.05}^{1.05} C_p \cos\theta \, d\left(\frac{\theta}{2\pi}\right)$

c_{Y_V} side-force coefficient of vertical-tail section, $\int_0^{1.0}\left(C_{p_L} - C_{p_R}\right) d\left(\frac{x}{c}\right)$

C_{b_V} bending-moment coefficient of vertical tail referred to the body center line, $\frac{S_V}{S_W}\frac{b_V}{b_W}\int_{0.208}^{1.0}\left(\frac{c}{c_{av}}\right)\left(\frac{y}{b}\right) c_{Y_V} \, d\left(\frac{y}{b}\right)$

A 4 1 7

C_{b_W} bending-moment coefficient of wing referred to the body center line, $-\int_{0.175}^{1.0}\left(\frac{c}{c_{av}}\right)\left(\frac{y}{b/2}\right) c_{N_W}\, d\left(\frac{y}{b/2}\right)$

C_{m_B} pitching-moment coefficient of body referred to the projection of the $0.21\bar{c}$ point on the body reference line, $\frac{\pi l^2}{S_W}\frac{l}{\bar{c}}\int_0^{1.0}\left(\frac{d}{l}\right)\left(\frac{\bar{x}}{l}\right) c_{N_B}\, d\left(\frac{x}{l}\right)$

A 4 1 7 C_{m_W} pitching-moment coefficient of wing referred to the projection of the $0.21\bar{c}$ point on the body reference line, $\int_{0.175}^{1.0}\left(\frac{c}{\bar{c}}\right)\left(\frac{c}{c_{av}}\right) c_{m_W}\, d\left(\frac{y}{b/2}\right)$

C_{n_B} yawing-moment coefficient of body referred to the projection of the $0.21\bar{c}$ point on the body reference line, $\frac{\pi l^2}{S_W}\frac{l}{b_W}\int_0^{1.0}\left(\frac{d}{l}\right)\left(\frac{\bar{x}}{l}\right) c_{Y_B}\, d\left(\frac{x}{l}\right)$

C_{n_V} yawing-moment coefficient of vertical tail referred to the projection of the $0.21\bar{c}$ point on the body reference line, $\frac{S_V}{S_W}\frac{b_V}{b_W}\int_{0.208}^{1.0}\left(\frac{c}{c_{av}}\right)\left(\frac{c}{b}\right) c_{n_V}\, d\left(\frac{y}{b}\right)$

C_p pressure coefficient, $\frac{p - p_\infty}{q_\infty}$

C_{N_B} normal-force coefficient of body, $\frac{\pi l^2}{S_W}\int_0^{1.0}\left(\frac{d}{l}\right) c_{N_B}\, d\left(\frac{x}{l}\right)$

C_{N_W} normal-force coefficient of wing, $\int_{0.175}^{1.0}\left(\frac{c}{c_{av}}\right) c_{N_W}\, d\left(\frac{y}{b/2}\right)$

C_{Y_B} side-force coefficient of body, $\frac{\pi l^2}{S_W}\int_0^{1.0}\left(\frac{d}{l}\right) c_{Y_B}\, d\left(\frac{x}{l}\right)$

C_{Y_V} side-force coefficient of vertical tail, $\frac{S_V}{S_W}\int_{0.208}^{1.0}\left(\frac{c}{c_{av}}\right) c_{Y_V}\, d\left(\frac{y}{b}\right)$

d local body diameter

l body length

l_o length of body for closure at both ends

M	free-stream Mach number
p	local pressure on model
p_∞	free-stream static pressure
q_∞	free-stream dynamic pressure
r	local body radius
r_o	maximum body radius
S	area of surface including portion covered by the body
x	distance measured from leading edge of wing or tail surface or from body nose (positive rearward)
$\bar{x}$	distance measured from the wing or vertical-tail leading edge or a body station to the projection of the $0.21\bar{c}$ point on the body center line (positive rearward)
y	distance measured from body center line (positive away from body)
α	angle of attack of wing root chord, deg
β	angle of sideslip measured between relative wind and vertical plane of symmetry, deg
δ	angle of deflection of canard surface relative to wing plane (positive when trailing edge is down), deg
θ	meridian angle on body, radians (measured clockwise from left wing chord plane looking downstream)

Subscripts

cp	distance to section chordwise center of pressure
l	wing lower surface
u	wing upper surface
V	vertical tail
B	body
L	left side of vertical tail

R right side of vertical tail

W wing

Configurations are denoted by the following letters used in combination:

B body

C canard

V vertical tail

V_5 vertical tail deflected 5° relative to the body center line, leading edge left

W wing

Ames Research Center
National Aeronautics and Space Administration
Moffett Field, Calif., Mar. 29, 1961

TABLE I.- INDEX TO TABULATED DATA

Configuration	δ, deg	β, deg	Table number								
			Body			Wing			Tail		
			C_p	c_N, c_Y	C_N, C_m, C_Y, C_n	C_p	c_N, c_m, x_{cp}/c	C_N, C_m, C_b	C_p	c_Y, c_n, x_{cp}/c	C_Y, C_n, C_b
BVW		0	II(a)	VIII(a)	XIV	III(a)	IX(a)	XV	IV(a)	X(a)	XVI
		5.3	V(a)	XI(a)	XIV	VI(a)	XII(a)	XV	VII(a)	XIII(a)	XVI
BVWC	-0.4	0	II(b)	VIII(b)	XIV	III(b)	IX(b)	XV	IV(b)	X(b)	XVI
	0.5	5.3	V(b)	XI(b)	XIV	VI(b)	XII(b)	XV	VII(b)	XIII(b)	XVI
BVWC	9.6	0	II(c)	VIII(c)	XIV	III(c)	IX(c)	XV	IV(c)	X(c)	XVI
	9.9	5.3	V(c)	XI(c)	XIV	VI(c)	XII(c)	XV	VII(c)	XIII(c)	XVI
BV_5W		0	II(d)	VIII(d)	XIV	III(d)	IX(d)	XV	IV(d)	X(d)	XVI
BV_5WC	0.4	0	II(e)	VIII(e)	XIV	III(e)	IX(e)	XV	IV(e)	X(e)	XVI
BW		0	II(f)	VIII(f)	XIV	III(f)	IX(f)	XV			
BV		0	II(g)	VIII(g)	XIV				IV(f)	X(f)	XVI
BVC	-0.1	0	II(h)	VIII(h)	XIV				IV(g)	X(g)	XVI
BVC	9.7	0	II(i)	VIII(i)	XIV				IV(h)	X(h)	XVI
BV_5		0	II(j)	VIII(j)	XIV				IV(i)	X(i)	XVI
BV_5C	-0.1	0	II(k)	VIII(k)	XIV				IV(j)	X(j)	
B		0	II(l)	VIII(l)	XIV						
		5.3	V(d)	XI(d)	XIV						

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP
(a) BVW

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 0.701		α=-04.38								
0.0500	0.045	0.008	-0.019	-0.044	-0.050	-0.055	-0.062	-0.040	0.064	0.015	-0.026	-0.038	-0.056	-0.022	-0.003	0.057	0.0500
0.1500	0.083	0.035	0.006	-0.017	-0.027	-0.033	-0.040	-0.024	-0.003	-0.006	-0.030	-0.038	-0.055	-0.047	-0.004	0.068	0.1500
0.2500	0.103	0.049	0.018	-0.007	-0.016	-0.022	-0.027	-0.016	-0.009	-0.018	-0.033	-0.040			-0.025	0.079	0.2500
0.3500	0.087	0.036	0.010	-0.016	-0.029	-0.029	-0.036	-0.026	0.001	-0.011	-0.029	-0.041	-0.057	-0.060	-0.021	0.061	0.3500
0.4500	0.051	0.008	-0.019	-0.042	-0.051	-0.054	-0.059	-0.041	0.062	0.013	-0.029	-0.044	-0.057	-0.030	-0.010	0.051	0.4500
0.5500	0.021	0.001	-0.039	-0.059	-0.065	-0.070	-0.073	-0.060	-0.114	-0.180	-0.190	-0.175	-0.125	-0.028	-0.013	0.046	0.5500
0.6500	0.005	-0.028	-0.046	-0.066	-0.068	-0.072	-0.075	-0.072	-0.094	-0.134	-0.165	-0.160	-0.123	-0.047	-0.017	0.045	0.6500
0.7500	0.004	-0.029	-0.044	-0.062	-0.066	-0.067	-0.072	-0.071	-0.090	-0.123	-0.151	-0.152	-0.117	-0.049	-0.016	0.046	0.7500
0.8500	0.006	-0.028	-0.046	-0.065	-0.068	-0.071	-0.075	-0.068	-0.096	-0.135	-0.168	-0.162	-0.125	-0.044	-0.013	0.048	0.8500
0.9500	0.017	-0.022	-0.039	-0.063	-0.066	-0.071	-0.074	-0.062	-0.115	-0.178	-0.193	-0.183	-0.137	-0.024	-0.005	0.054	0.9500
							M = 0.702		α=-00.35								
0.0500	0.053	0.018	-0.007	-0.029	-0.035	-0.040	-0.046	-0.026	-0.003	-0.069	-0.099	-0.087	-0.087	-0.015	0.003	0.065	0.0500
0.1500	0.057	0.018	-0.009	-0.028	-0.034	-0.039	-0.044	-0.034	-0.037	-0.060	-0.088	-0.078	-0.082	-0.046	0.001	0.074	0.1500
0.2500	0.058	0.017	-0.011	-0.028	-0.037	-0.039	-0.045	-0.038	-0.044	-0.065	-0.084	-0.076			-0.016	0.083	0.2500
0.3500	0.058	0.016	-0.007	-0.028	-0.039	-0.036	-0.045	-0.036	-0.034	-0.064	-0.087	-0.081	-0.081	-0.056	-0.014	0.068	0.3500
0.4500	0.058	0.018	-0.009	-0.028	-0.037	-0.038	-0.043	-0.027	-0.009	-0.072	-0.099	-0.093	-0.086	-0.020		0.061	0.4500
0.5500	0.060	0.037	-0.006	-0.025	-0.034	-0.038	-0.043	-0.026	-0.001	-0.072	-0.099	-0.100	-0.076	-0.013		0.060	0.5500
0.6500	0.058	0.015	-0.006	-0.060	-0.036	-0.038	-0.043	-0.036	-0.032	-0.059	-0.085	-0.089	-0.076	-0.027	-0.003	0.061	0.6500
0.7500	0.059	0.014	-0.005	-0.060	-0.038	-0.040	-0.042	-0.038	-0.041	-0.060	-0.080	-0.087	-0.074	-0.031	-0.003	0.062	0.7500
0.8500	0.057	0.013	-0.006	-0.032	-0.038	-0.040	-0.045	-0.034	-0.035	-0.058	-0.090	-0.093	-0.080	-0.026		0.064	0.8500
0.9500	0.053	0.012	-0.003	-0.033	-0.038	-0.041	-0.044	-0.028	-0.005	-0.070	-0.101	-0.106	-0.088	-0.011	0.006	0.064	0.9500
							M = 0.702		α= 03.83								
0.0500	0.021	-0.013	-0.038	-0.055	-0.060	-0.065	-0.071	-0.056	-0.116	-0.179	-0.190	-0.158	-0.132	-0.025	0.000	0.061	0.0500
0.1500	0.008	-0.022	-0.043	-0.056	-0.060	-0.063	-0.067	-0.064	-0.091	-0.133	-0.165	-0.145	-0.122	-0.059	-0.005	0.066	0.1500
0.2500	0.005	-0.024	-0.047	-0.054	-0.058	-0.060	-0.064	-0.064	-0.084	-0.121	-0.151	-0.135			-0.022	0.077	0.2500
0.3500	0.007	-0.024	-0.043	-0.057	-0.064	-0.062	-0.068	-0.065	-0.089	-0.137	-0.163	-0.147	-0.120	-0.067	-0.018	0.062	0.3500
0.4500	0.021	-0.016	-0.039	-0.056	-0.063	-0.066	-0.071	-0.056	-0.125	-0.181	-0.188	-0.162	-0.127	-0.029	-0.005	0.057	0.4500
0.5500	0.058	0.032	-0.013	-0.037	-0.042	-0.049	-0.054	-0.034	0.086	0.033	-0.008	-0.029	-0.031	-0.008	-0.001	0.060	0.5500
0.6500	0.099	0.048	0.022	-0.005	-0.014	-0.020	-0.025	-0.014	0.015	0.011	-0.009	-0.028	-0.035	-0.019	-0.001	0.064	0.6500
0.7500	0.121	0.064	0.039	0.009	-0.003	-0.009	-0.013	-0.001	0.008	0.002	-0.011	-0.027	-0.034	-0.020	-0.003	0.064	0.7500
0.8500	0.102	0.046	0.023	-0.008	-0.017	-0.024	-0.029	-0.014	0.009	0.009	-0.016	-0.031	-0.038	-0.015	0.001	0.064	0.8500
0.9500	0.055	0.010	-0.009	-0.042	-0.044	-0.051	-0.054	-0.037	0.078	0.034	-0.013	-0.038	-0.044	-0.006	0.006	0.064	0.9500
							M = 0.698		α= 07.66								
0.0500	-0.033	-0.062	-0.086	-0.101	-0.104	-0.109	-0.116	-0.105	-0.254	-0.312	-0.289	-0.223	-0.165	-0.024	0.005	0.057	0.0500
0.1500	-0.036	-0.055	-0.072	-0.079	-0.080	-0.081	-0.086	-0.091	-0.150	-0.218	-0.257	-0.214	-0.173	-0.070	-0.008	0.066	0.1500
0.2500	-0.026	-0.043	-0.057	-0.062	-0.064	-0.065	-0.071	-0.077	-0.124	-0.186	-0.219	-0.186			-0.024	0.091	0.2500
0.3500	-0.034	-0.057	-0.073	-0.082	-0.083	-0.079	-0.086	-0.093	-0.151	-0.223	-0.256	-0.218	-0.170	-0.074	-0.020	0.059	0.3500
0.4500	-0.034	-0.065	-0.087	-0.101	-0.109	-0.109	-0.115	-0.108	-0.269	-0.313	-0.285	-0.226	-0.159	-0.028	0.000	0.054	0.4500
0.5500	0.034	0.006	-0.039	-0.063	-0.072	-0.078	-0.084	-0.065	0.160	0.139	0.074	0.042	0.019	0.005	0.006	0.067	0.5500
0.6500	0.138	0.077	0.049	0.018	0.006	-0.002	-0.007	0.012	0.065	0.085	0.074	0.045	0.017	0.004	0.012	0.073	0.6500
0.7500	0.191	0.125	0.097	0.060	0.045	0.038	0.032	0.049	0.076	0.082	0.072	0.042	0.016	0.004	0.009	0.075	0.7500
0.8500	0.142	0.079	0.053	0.017	0.003	-0.005	-0.011	0.010	0.056	0.083	0.067	0.040	0.012	0.005	0.013	0.076	0.8500
0.9500	0.035	-0.012	-0.032	-0.069	-0.074	-0.080	-0.086	-0.067	0.148	0.138	0.072	0.028	0.004	0.005	0.013	0.067	0.9500
							M = 0.699		α= 11.79								
0.0500	-0.125	-0.152	-0.173	-0.186	-0.188	-0.190	-0.197	-0.194	-0.460	-0.492	-0.424	-0.323	-0.221	-0.047	-0.006	0.055	0.0500
0.1500	-0.097	-0.101	-0.112	-0.112	-0.110	-0.109	-0.114	-0.133	-0.241	-0.350	-0.395	-0.341	-0.280	-0.089	-0.015	0.065	0.1500
0.2500	-0.058	-0.060	-0.078	-0.078	-0.077	-0.075	-0.084	-0.100	-0.181	-0.272	-0.317	-0.263			-0.040	0.079	0.2500
0.3500	-0.099	-0.103	-0.110	-0.112	-0.111	-0.107	-0.115	-0.135	-0.241	-0.353	-0.392	-0.339	-0.269	-0.086	-0.026	0.058	0.3500
0.4500	-0.123	-0.154	-0.171	-0.186	-0.192	-0.191	-0.197	-0.196	-0.480	-0.492	-0.420	-0.320	-0.210	-0.045	-0.010	0.050	0.4500
0.5500	-0.027	-0.058	-0.107	-0.133	-0.142	-0.145	-0.152	-0.130	0.220	0.236	0.150	0.098	0.057	0.006	0.009	0.064	0.5500
0.6500	0.162	0.095	0.065	0.030	0.015	0.007	0.003	0.024	0.105	0.152	0.151	0.105	0.059	0.016	0.015	0.072	0.6500
0.7500	0.266	0.187	0.159	0.116	0.099	0.092	0.086	0.106	0.145	0.163	0.151	0.103	0.060	0.022	0.015	0.078	0.7500
0.8500	0.174	0.100	0.072	0.031	0.015	0.006	-0.001	0.024	0.095	0.148	0.141	0.101	0.055	0.019	0.015	0.076	0.8500
0.9500	-0.023	-0.075	-0.095	-0.138	-0.142	-0.148	-0.154	-0.135	0.203	0.235	0.143	0.086	0.046	0.011	0.015	0.066	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(a) BVW - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 0.698 α = 15.76																	
0.0500	-0.230	-0.254	-0.278	-0.287	-0.284	-0.286	-0.291	-0.292	-0.699	-0.715	-0.607	-0.442	-0.296	-0.025	0.025	0.074	0.0500
0.1500	-0.189	-0.143	-0.138	-0.141	-0.136	-0.140	-0.151	-0.182	-0.346	-0.485	-0.548	-0.531	-0.361	-0.108	-0.025	0.061	0.1500
0.2500	-0.079	-0.077	-0.093	-0.091	-0.090	-0.086	-0.093	-0.127	-0.252	-0.374	-0.406	-0.324			-0.056	0.065	0.2500
0.3500	-0.185	-0.128	-0.141	-0.138	-0.137	-0.138	-0.152	-0.184	-0.343	-0.489	-0.542	-0.523	-0.350	-0.109	-0.038	0.053	0.3500
0.4500	-0.229	-0.254	-0.275	-0.288	-0.288	-0.285	-0.288	-0.293	-0.702	-0.715	-0.605	-0.440	-0.280	-0.028	0.020	0.071	0.4500
0.5500	-0.110	-0.144	-0.196	-0.223	-0.229	-0.234	-0.238	-0.212	0.273	0.325	0.241	0.169	0.110	0.031	0.029	0.088	0.5500
0.6500	0.183	0.110	0.077	0.040	0.023	0.016	0.015	0.041	0.140	0.219	0.228	0.177	0.112	0.040	0.033	0.091	0.6500
0.7500	0.344	0.259	0.227	0.183	0.162	0.155	0.153	0.177	0.222	0.249	0.235	0.179	0.115	0.049	0.035	0.096	0.7500
0.8500	0.202	0.120	0.088	0.044	0.027	0.016	0.012	0.042	0.128	0.213	0.218	0.173	0.108	0.041	0.031	0.092	0.8500
0.9500	-0.101	-0.156	-0.181	-0.220	-0.228	-0.236	-0.240	-0.218	0.253	0.323	0.236	0.157	0.097	0.033	0.035	0.091	0.9500
M = 0.906 α = 03.69																	
0.0500	0.048	0.007	-0.020	-0.046	-0.049	-0.055	-0.062	-0.036	-0.071	-0.160	-0.204	-0.206	-0.168	-0.007	0.019	0.088	0.0500
0.1500	0.036	-0.002	-0.028	-0.046	-0.051	-0.053	-0.057	-0.040	-0.061	-0.119	-0.179	-0.191	-0.154	-0.043	0.014	0.095	0.1500
0.2500	0.032	-0.003	-0.032	-0.044	-0.050	-0.050	-0.054	-0.039	-0.058	-0.110	-0.165	-0.182			-0.003	0.107	0.2500
0.3500	0.035	-0.003	-0.026	-0.048	-0.054	-0.051	-0.058	-0.042	-0.060	-0.122	-0.175	-0.191	-0.149	-0.052	0.002	0.091	0.3500
0.4500	0.049	0.007	-0.024	-0.046	-0.053	-0.055	-0.062	-0.038	-0.080	-0.162	-0.195	-0.204	-0.160	-0.011	0.014	0.084	0.4500
0.5500	0.084	0.057	0.001	-0.027	-0.034	-0.040	-0.049	-0.027	0.109	0.039	-0.013	-0.037	-0.037	0.007	0.018	0.089	0.5500
0.6500	0.122	0.065	0.034	0.001	-0.010	-0.016	-0.025	-0.009	0.036	0.021	-0.012	-0.035	-0.039	-0.004	0.016	0.095	0.6500
0.7500	0.142	0.079	0.050	0.014	0.001	-0.005	-0.016	-0.001	0.029	0.014	-0.012	-0.035	-0.039	-0.006	0.014	0.097	0.7500
0.8500	0.124	0.064	0.036	-0.001	-0.010	-0.020	-0.027	-0.009	0.031	0.021	-0.017	-0.037	-0.044	-0.001	0.019	0.096	0.8500
0.9500	0.081	0.030	0.006	-0.064	-0.035	-0.043	-0.050	-0.029	0.102	0.039	-0.016	-0.045	-0.050	0.010	0.023	0.091	0.9500
M = 0.952 α = 03.78																	
0.0500	0.043	-0.003	-0.039	-0.071	-0.076	-0.082	-0.095	-0.047	-0.059	-0.169	-0.228	-0.257	-0.263	-0.044	0.030	0.095	0.0500
0.1500	0.030	-0.014	-0.046	-0.071	-0.077	-0.081	-0.088	-0.045	-0.053	-0.126	-0.203	-0.245	-0.240	-0.086	0.031	0.102	0.1500
0.2500	0.027	-0.016	-0.051	-0.072	-0.075	-0.077	-0.085	-0.044	-0.051	-0.116	-0.188	-0.239			0.020	0.114	0.2500
0.3500	0.029	-0.016	-0.046	-0.074	-0.082	-0.078	-0.088	-0.048	-0.052	-0.131	-0.201	-0.245	-0.230	-0.098	0.019	0.097	0.3500
0.4500	0.044	-0.006	-0.042	-0.073	-0.081	-0.082	-0.094	-0.050	-0.069	-0.169	-0.219	-0.257	-0.243	-0.048	0.025	0.091	0.4500
0.5500	0.079	0.046	-0.017	-0.052	-0.062	-0.067	-0.082	-0.043	0.112	0.030	-0.039	-0.082	-0.094	-0.021	0.022	0.096	0.5500
0.6500	0.119	0.053	0.017	-0.021	-0.037	-0.040	-0.055	-0.024	0.039	0.012	-0.036	-0.079	-0.098	-0.030	0.016	0.101	0.6500
0.7500	0.138	0.068	0.034	-0.008	-0.025	-0.031	-0.046	-0.017	0.032	0.006	-0.034	-0.079	-0.098	-0.028	0.012	0.102	0.7500
0.8500	0.120	0.052	0.019	-0.022	-0.037	-0.045	-0.059	-0.023	0.033	0.013	-0.041	-0.080	-0.105	-0.022	0.018	0.102	0.8500
0.9500	0.077	0.018	-0.011	-0.059	-0.062	-0.070	-0.082	-0.045	0.106	0.030	-0.041	-0.089	-0.113	-0.014	0.027	0.099	0.9500
M = 1.005 α = 03.88																	
0.0500	0.109	0.054	0.014	-0.022	-0.043	-0.050	-0.065	-0.058	-0.011	-0.096	-0.141	-0.192	-0.243	-0.189	-0.084	0.060	0.0500
0.1500	0.096	0.046	0.005	-0.022	-0.047	-0.047	-0.060	-0.054	-0.005	-0.056	-0.117	-0.179	-0.215	-0.257	-0.097	0.074	0.1500
0.2500	0.092	0.043	0.001	-0.022	-0.045	-0.043	-0.057	-0.051	-0.002	-0.047	-0.103	-0.175			-0.110	0.092	0.2500
0.3500	0.096	0.042	0.006	-0.026	-0.051	-0.044	-0.061	-0.056	-0.004	-0.059	-0.115	-0.181	-0.205	-0.271	-0.103	0.070	0.3500
0.4500	0.109	0.054	0.006	-0.024	-0.050	-0.048	-0.065	-0.062	-0.020	-0.092	-0.133	-0.191	-0.220	-0.211	-0.091	0.056	0.4500
0.5500	0.144	0.104	0.035	-0.003	-0.028	-0.032	-0.051	-0.055	0.153	0.093	0.036	-0.031	-0.068	-0.120	-0.089	0.054	0.5500
0.6500	0.182	0.110	0.070	0.028	-0.001	-0.008	-0.027	-0.032	0.079	0.078	0.039	-0.027	-0.069	-0.098	-0.096	0.056	0.6500
0.7500	0.202	0.126	0.087	0.042	0.011	0.002	-0.017	-0.023	0.043	0.071	0.039	-0.025	-0.066	-0.088	-0.101	0.058	0.7500
0.8500	0.185	0.110	0.071	0.027	-0.002	-0.011	-0.030	-0.029	0.073	0.078	0.034	-0.028	-0.073	-0.093	-0.093	0.059	0.8500
0.9500	0.143	0.077	0.042	-0.009	-0.029	-0.036	-0.051	-0.055	0.146	0.094	0.034	-0.036	-0.086	-0.103	-0.080	0.056	0.9500
M = 1.045 α = 03.88																	
0.0500	0.072	0.023	0.007	-0.006	-0.012	0.004	-0.004	-0.010	-0.006	-0.118	-0.167	-0.187	-0.213	-0.180	-0.107	0.029	0.0500
0.1500	0.059	0.013	0.000	-0.005	-0.011	0.004	-0.007	-0.011	-0.006	-0.078	-0.142	-0.175	-0.181	-0.248	-0.131	0.046	0.1500
0.2500	0.056	0.011	-0.005	-0.004	-0.008	0.006	-0.008	-0.012	-0.007	-0.069	-0.128	-0.171			-0.156	0.026	0.2500
0.3500	0.058	0.013	0.000	-0.008	-0.016	0.009	-0.011	-0.016	-0.003	-0.083	-0.140	-0.174	-0.172	-0.250	-0.145	0.007	0.3500
0.4500	0.073	0.022	-0.001	-0.007	-0.016	0.008	-0.009	-0.015	-0.010	-0.117	-0.161	-0.184	-0.188	-0.195	-0.118	0.008	0.4500
0.5500	0.108	0.075	0.026	0.009		0.021	0.013	-0.001	0.159	0.072	-0.004	-0.038	-0.056	-0.087	-0.099	0.004	0.5500
0.6500	0.148	0.081	0.058	0.068	0.019	0.039	0.043	0.060	0.073	0.056	-0.002	-0.033	-0.057	-0.060	-0.091		0.6500
0.7500	0.167	0.096	0.076	0.044	0.028	0.045	0.055	0.046	0.039	0.050	-0.004	-0.030	-0.055	-0.050	-0.090	0.006	0.7500
0.8500	0.150	0.079	0.059	0.033	0.019	0.064	0.041	0.035	0.062	0.057	-0.009	-0.030	-0.062	-0.056	-0.088	0.010	0.8500
0.9500	0.107	0.044	0.030	0.004	-0.002	0.013	0.017	-0.001	0.147	0.072	-0.008	-0.038	-0.079	-0.073	0.012	0.014	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(a) BVW - Continued

$\frac{\theta}{2\pi}$	Fraction of body length, x/l																$\frac{\theta}{2\pi}$
	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
	M = 1.094 α= 03.88																
0.0500	0.090	0.043	0.026	0.006	-0.015	-0.031	-0.044	-0.027	0.031	-0.045	-0.091	-0.150	-0.174	-0.141	-0.038	0.085	0.0500
0.1500	0.080	0.035	0.023	0.007	-0.018	-0.029	-0.035	-0.019	0.031	-0.013	-0.070	-0.137	-0.144	-0.195	-0.057	0.099	0.1500
0.2500	0.077	0.032	0.019	0.005	-0.017	-0.025	-0.031	-0.013	0.025	-0.009	-0.052	-0.134			-0.091	0.114	0.2500
0.3500	0.079	0.032	0.022	0.002	-0.023	-0.025	-0.033	-0.020	0.036	-0.023	-0.067	-0.138	-0.137	-0.195	-0.074	0.095	0.3500
0.4500	0.093	0.044	0.024	0.002	-0.020	-0.027	-0.036	-0.027	0.032	-0.052	-0.086	-0.149	-0.156	-0.145	-0.047	0.082	0.4500
0.5500	0.128	0.093	0.048	0.023	-0.001	-0.011	-0.023	-0.022	0.166	0.129	0.089	0.015	-0.028	-0.062	-0.064	0.087	0.5500
0.6500	0.164	0.097	0.079	0.050	0.021	0.014	-0.001	-0.002	0.055	0.126	0.094	0.020	-0.029	-0.041	-0.032	0.091	0.6500
0.7500	0.185	0.113	0.095	0.058	0.031	0.022	0.007	0.000	0.009	0.132	0.095	0.023	-0.029	-0.039	-0.031	0.091	0.7500
0.8500	0.167	0.097	0.079	0.046	0.021	0.009	-0.007	-0.005	0.038	0.133	0.088	0.023	-0.034	-0.048	-0.025	0.091	0.8500
0.9500	0.123	0.064	0.051	0.016	-0.002	-0.016	-0.030	-0.028	0.151	0.138	0.087	0.015	-0.050	-0.060	-0.023	0.088	0.9500
	M = 1.299 α=-04.13																
0.0500	0.123	0.077	0.057	0.030	0.015	0.005	-0.010	0.002	0.130	0.071	0.046	0.021	-0.009	-0.039	-0.053	-0.024	0.0500
0.1500	0.160	0.110	0.080	0.054	0.037	0.060	0.008	0.009	-0.004	0.052	0.045	0.028	0.022	-0.046	-0.047	-0.031	0.1500
0.2500	0.181	0.122	0.092	0.063	0.050	0.039	0.019	0.017	0.006	0.028	0.047	0.025			-0.077	-0.022	0.2500
0.3500	0.169	0.107	0.081	0.051	0.042	0.030	0.010	0.008	0.009	0.055	0.043	0.031	0.064	-0.050	-0.073	-0.047	0.3500
0.4500	0.137	0.078	0.051	0.024	0.020	0.014	-0.010	-0.010	0.132	0.079	0.039	0.030	0.010	-0.054	-0.057	-0.042	0.4500
0.5500	0.106	0.088	0.032	0.027	0.001	-0.011	-0.015	-0.012	0.012	-0.077	-0.082	-0.107	-0.127	-0.113	-0.063	-0.030	0.5500
0.6500	0.089	0.039	0.025	0.013	-0.002	-0.007	-0.009	-0.021	-0.011	-0.023	-0.064	-0.100	-0.116	-0.127	-0.090	-0.007	0.6500
0.7500	0.089	0.037	0.025	0.011	-0.006	-0.003	-0.001	-0.012	-0.019	-0.011	-0.050	-0.091	-0.113	-0.127	-0.114	-0.003	0.7500
0.8500	0.093	0.040	0.025	0.011	-0.010	-0.006	-0.004	-0.009	-0.013	-0.028	-0.060	-0.100	-0.119	-0.132	-0.088	0.002	0.8500
0.9500	0.100	0.047	0.035	0.019	0.001	-0.007	-0.014	-0.012	0.001	-0.068	-0.085	-0.122	-0.136	-0.116	-0.062	-0.009	0.9500
	M = 1.299 α=-00.05																
0.0500	0.114	0.073	0.049	0.029	0.014	0.008	-0.010	0.000	0.069	-0.009	-0.032	-0.055	-0.087	-0.092	-0.067	-0.025	0.0500
0.1500	0.120	0.067	0.050	0.026	0.015	0.009	-0.012	-0.008	-0.006	0.002	-0.027	-0.046	-0.055	-0.107	-0.089	-0.024	0.1500
0.2500	0.124	0.064	0.048	0.025	0.017	0.006	-0.009	-0.009	-0.017	0.006	-0.020	-0.045			-0.126	-0.008	0.2500
0.3500	0.123	0.066	0.048	0.025	0.013	0.010	-0.004	-0.012	-0.003	0.004	-0.029	-0.043	-0.043	-0.112	-0.105	-0.039	0.3500
0.4500	0.125	0.067	0.048	0.027	0.015	0.007	-0.010	-0.007	0.079	-0.005	-0.041	-0.045	-0.070	-0.105	-0.067	-0.045	0.4500
0.5500	0.125	0.102	0.050	0.026	0.019	0.017	-0.008	-0.007	0.069	0.001	-0.022	-0.054	-0.074	-0.071	-0.063	-0.049	0.5500
0.6500	0.122	0.071	0.052	0.026	0.015	0.012		-0.003	-0.007	0.008	-0.012	-0.044	-0.067	-0.070	-0.080	-0.046	0.6500
0.7500	0.119	0.074	0.054	0.029	0.013	0.007	-0.003	-0.008	-0.016	0.001	-0.006	-0.043	-0.064	-0.073	-0.089	-0.045	0.7500
0.8500	0.117	0.077	0.053	0.031	0.017	0.004	-0.005	-0.005	-0.013	0.014	-0.010	-0.050	-0.067	-0.076	-0.075	-0.036	0.8500
0.9500	0.112	0.075	0.051	0.031	0.014	0.003	-0.003	-0.001	0.062	0.001	-0.025	-0.063	-0.085	-0.078	-0.062	-0.027	0.9500
	M = 1.302 α= 03.88																
0.0500	0.103	0.046	0.037	0.010	0.002	-0.004	-0.023	-0.015	0.011	-0.075	-0.087	-0.108	-0.139	-0.123	-0.067	-0.023	0.0500
0.1500	0.092	0.038	0.026	0.008	-0.001	-0.009	-0.014	-0.011	-0.013	-0.033	-0.073	-0.095	-0.106	-0.150	-0.100	-0.002	0.1500
0.2500	0.089	0.037	0.022	0.011	0.002	-0.008	-0.004	-0.013	-0.019	-0.013	-0.059	-0.089			-0.150	0.015	0.2500
0.3500	0.092	0.039	0.023	0.006	-0.003	-0.009	-0.008	-0.021	-0.004	-0.033	-0.074	-0.092	-0.095	-0.155	-0.112	-0.011	0.3500
0.4500	0.108	0.050	0.030	0.011	0.000	-0.010	-0.020	-0.022	0.016	-0.070	-0.094	-0.099	-0.127	-0.136	-0.067	-0.036	0.4500
0.5500	0.140	0.107	0.061	0.033	0.015	0.010	-0.014	-0.011	0.132	0.084	0.054	0.027		-0.012	-0.051	-0.034	0.5500
0.6500	0.173	0.101	0.090	0.054	0.039	0.039	0.013	0.010	0.007	0.056	0.056	0.025	0.008	0.001	-0.042	-0.045	0.6500
0.7500	0.189	0.115	0.104	0.066	0.049	0.043	0.024	0.022	0.013	0.026	0.060	0.026	0.003	-0.005	-0.034	-0.046	0.7500
0.8500	0.172	0.100	0.091	0.051	0.037	0.028	0.017	0.012	0.003	0.062	0.056	0.021	0.000	-0.008	-0.038	-0.037	0.8500
0.9500	0.131	0.069	0.062	0.028	0.013	0.007	-0.004	-0.006	0.126	0.081	0.051	0.010	-0.012	-0.015	-0.044	-0.025	0.9500
	M = 1.298 α= 07.81																
0.0500	0.049	-0.006	-0.011	-0.037	-0.047	-0.062	-0.065	-0.065	-0.070	-0.155	-0.146	-0.176	-0.194	-0.155	-0.087	-0.044	0.0500
0.1500	0.043	-0.002	-0.010	-0.022	-0.037	-0.029	-0.037	-0.040	-0.034	-0.078	-0.133	-0.164	-0.175	-0.217	-0.127	-0.010	0.1500
0.2500	0.049	0.005	-0.002	-0.008	-0.025	-0.012	-0.024	-0.022	-0.026	-0.046	-0.112	-0.144			-0.201	0.002	0.2500
0.3500	0.043	-0.004	-0.014	-0.027	-0.043	-0.027	-0.035	-0.041	-0.025	-0.081	-0.133	-0.158	-0.164	-0.219	-0.137	-0.022	0.3500
0.4500	0.054	-0.008	-0.023	-0.064	-0.056	-0.063	-0.066	-0.069	-0.068	-0.157	-0.149	-0.161	-0.183	-0.162	-0.087	-0.060	0.4500
0.5500	0.115	0.079	0.029	0.003	-0.014	-0.034	-0.046	-0.052	0.179	0.136	0.137	0.099	0.077	0.029	-0.036	-0.061	0.5500
0.6500	0.203	0.125	0.106	0.068	0.056	0.042	0.018	0.015	0.004	0.104	0.122	0.098	0.073	0.057	-0.001	-0.062	0.6500
0.7500	0.246	0.162	0.147	0.105	0.087	0.076	0.052	0.047	0.033	0.036	0.132	0.100	0.086	0.055	0.025	-0.048	0.7500
0.8500	0.205	0.123	0.111	0.065	0.051	0.039	0.018	0.019		0.109	0.131	0.096	0.078	0.049	-0.001	-0.052	0.8500
0.9500	0.112	0.042	0.036	-0.004	-0.018	-0.028	-0.046	-0.047	0.165	0.147	0.130	0.082	0.058	0.031	-0.035	-0.048	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued

(a) BVW - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 1.301		α = 11.89							
0.0500	-0.018	-0.066	-0.084	-0.107	-0.122	-0.119	-0.126	-0.135	-0.154	-0.221	-0.204	-0.224	-0.248	-0.184	-0.112	-0.099	0.0500
0.1500	-0.001	-0.047	-0.038	-0.050	-0.052	-0.052	-0.056	-0.061	-0.059	-0.126	-0.197	-0.246	-0.266	-0.275	-0.141	-0.045	0.1500
0.2500	0.020	-0.001	-0.011	-0.019	-0.028	-0.025	-0.030	-0.030	-0.020	-0.062	-0.143	-0.191			-0.256	-0.021	0.2500
0.3500	-0.003	-0.044	-0.052	-0.050	-0.056	-0.052	-0.056	-0.059	-0.055	-0.131	-0.192	-0.237	-0.250	-0.274	-0.149	-0.065	0.3500
0.4500	-0.019	-0.064	-0.087	-0.109	-0.123	-0.124	-0.132	-0.132	-0.164	-0.232	-0.203	-0.216	-0.236	-0.183	-0.114	-0.117	0.4500
0.5500	0.078	0.048	-0.005	-0.052	-0.066	-0.079	-0.096	-0.105	0.220	0.233	0.225	0.192	0.185	0.107	-0.038	-0.069	0.5500
0.6500	0.242	0.162	0.142	0.090	0.070	0.060	0.034	0.025	0.013	0.134	0.225	0.195	0.179	0.145	0.024	-0.048	0.6500
0.7500	0.323	0.236	0.216	0.164	0.142	0.125	0.103	0.095	0.076	0.059	0.220	0.189	0.172	0.147	0.073	-0.021	0.7500
0.8500	0.250	0.164	0.144	0.087	0.071	0.055	0.033	0.026	0.008	0.128	0.219	0.192	0.175	0.137	0.028	-0.040	0.8500
0.9500	0.084	0.015	-0.007	-0.052	-0.068	-0.083	-0.094	-0.108	0.184	0.237	0.217	0.174	0.162	0.115	-0.033	-0.060	0.9500
								M = 1.300		α = 15.91							
0.0500	-0.099	-0.151	-0.178	-0.199	-0.208	-0.213	-0.217	-0.204	-0.224	-0.291	-0.274	-0.279	-0.295	-0.273	-0.112	-0.116	0.0500
0.1500	-0.063	-0.125	-0.072	-0.071	-0.080	-0.078	-0.092	-0.089	-0.081	-0.166	-0.253	-0.318	-0.351	-0.327	-0.148	-0.065	0.1500
0.2500	0.008	-0.024	-0.017	-0.028	-0.042	-0.038	-0.043	-0.038	-0.047	-0.081	-0.162	-0.203			-0.311	-0.010	0.2500
0.3500	-0.069	-0.132	-0.073	-0.072	-0.080	-0.075	-0.085	-0.091	-0.081	-0.170	-0.251	-0.317	-0.355	-0.322	-0.150	-0.091	0.3500
0.4500	-0.097	-0.153	-0.175	-0.193	-0.213	-0.210	-0.209	-0.199	-0.244	-0.295	-0.278	-0.269	-0.298	-0.268	-0.107	-0.124	0.4500
0.5500	0.046	0.001	-0.062	-0.110	-0.134	-0.150	-0.163	-0.180	0.171	0.310	0.312	0.305	0.263	0.184	-0.025	-0.093	0.5500
0.6500	0.298	0.206	0.178	0.122	0.098	0.079	0.059	0.044	0.023	0.141	0.327	0.315	0.268	0.238	0.087	-0.043	0.6500
0.7500	0.418	0.321	0.296	0.245	0.214	0.193	0.172	0.156	0.130	0.111	0.328	0.317	0.270	0.254	0.149	0.009	0.7500
0.8500	0.307	0.211	0.185	0.123	0.104	0.084	0.063	0.046	0.021	0.128	0.321	0.319	0.266	0.241	0.087	-0.039	0.8500
0.9500	0.053	-0.028	-0.057	-0.110	-0.129	-0.151	-0.165	-0.186	0.143	0.311	0.303	0.300	0.242	0.203	-0.025	-0.092	0.9500
								M = 1.502		α = 03.78							
0.0500	0.091	0.044	0.031	0.013	-0.003	-0.003	-0.009	-0.024	0.001	-0.075	-0.064	-0.088	-0.122	-0.109	-0.060	-0.056	0.0500
0.1500	0.078	0.033	0.024	0.006	0.005	-0.002	-0.017	-0.027	-0.021	-0.033	-0.052	-0.082	-0.090	-0.129	-0.103	-0.048	0.1500
0.2500	0.071	0.030	0.020	0.003	0.004	0.002	-0.012	-0.023	-0.029	-0.016	-0.041	-0.082			-0.138	-0.038	0.2500
0.3500	0.075	0.034	0.018	-0.001	-0.002	0.006	-0.015	-0.026	-0.018	-0.036	-0.056	-0.083	-0.080	-0.128	-0.100	-0.063	0.3500
0.4500	0.093	0.048	0.025	0.011	-0.012	-0.002	-0.012	-0.022	0.002	-0.073	-0.070	-0.083	-0.109	-0.123	-0.047	-0.061	0.4500
0.5500	0.121	0.112	0.051	0.064	0.015	0.004	-0.001	-0.008	0.095	0.080	0.029	0.026	0.011	-0.006	-0.031	-0.041	0.5500
0.6500	0.152	0.088	0.084	0.047	0.036	0.031	0.018	0.008	0.005	0.050	0.039	0.022	0.010	-0.004	-0.018	-0.042	0.6500
0.7500	0.167	0.097	0.095	0.054	0.043	0.040	0.030	0.010	0.010	0.009	0.058	0.029	0.008	-0.011	-0.016	-0.038	0.7500
0.8500	0.157	0.086	0.080	0.046	0.034	0.031	0.027	0.007	-0.001	0.050	0.048	0.022	0.006	-0.009	-0.029	-0.038	0.8500
0.9500	0.122	0.063	0.053	0.031	0.010	0.007	0.002	-0.008	0.089	0.064	0.038	0.012	0.003	-0.014	-0.037	-0.047	0.9500
								M = 1.701		α = 03.73							
0.0500	0.094	0.052	0.038	0.021	0.013	0.003	-0.012	-0.017	0.029	-0.043	-0.060	-0.082	-0.105	-0.102	-0.058	-0.064	0.0500
0.1500	0.074	0.044	0.031	0.019	0.006	0.005	-0.010	0.007	-0.008	-0.012	-0.050	-0.074	-0.079	-0.115	-0.106	-0.071	0.1500
0.2500	0.065	0.048	0.033	0.012	0.008	0.003	-0.005	0.018	-0.012	-0.009	-0.037	-0.066			-0.130	-0.071	0.2500
0.3500	0.071	0.046	0.037	0.010	0.005		-0.008	0.010	-0.004	-0.011	-0.045	-0.074	-0.077	-0.117	-0.102	-0.083	0.3500
0.4500	0.091	0.055	0.042	0.019	0.008	-0.003	-0.014	-0.020	0.029	-0.046	-0.067	-0.079	-0.100	-0.110	-0.055	-0.064	0.4500
0.5500	0.125	0.145	0.058	0.046	0.025	0.012	-0.001	-0.010	0.082	0.068	0.036	0.024	0.001	-0.010	-0.038	-0.048	0.5500
0.6500	0.162	0.124	0.083	0.060	0.046	0.041	0.022	0.014	0.003	0.025	0.039	0.027	-0.001	-0.007	-0.022	-0.046	0.6500
0.7500	0.181	0.133	0.108	0.061	0.055	0.046	0.039	0.026	0.014	0.006	0.062	0.034	0.001	-0.013	-0.021	-0.037	0.7500
0.8500	0.176	0.111	0.090	0.047	0.058	0.039	0.028	0.014	0.011	0.028	0.037	0.027	0.009	-0.012	-0.028	-0.047	0.8500
0.9500	0.138	0.078	0.056	0.033	0.032	0.017	-0.005	-0.008	0.073	0.078	0.038	0.027	0.011	-0.025	-0.037	-0.054	0.9500
								M = 1.906		α = 03.93							
0.0500	0.077	0.045	0.033	0.016	0.008	-0.003	-0.008	-0.007	0.006	-0.040	-0.059	-0.064	-0.088	-0.081	-0.048	-0.052	0.0500
0.1500	0.069	0.035	0.020	0.009	0.003	-0.001	-0.003	-0.003	-0.009	-0.011	-0.041	-0.053	-0.068	-0.090	-0.087	-0.065	0.1500
0.2500	0.061	0.032	0.023	0.006	0.001	0.008	-0.002	-0.002	-0.003	-0.009	-0.025	-0.049			-0.107	-0.072	0.2500
0.3500	0.064	0.030	0.024	0.005	-0.001	0.003	0.002	-0.005	-0.006	-0.010	-0.038	-0.060	-0.063	-0.091	-0.089	-0.074	0.3500
0.4500	0.080	0.040	0.035	0.013	0.005	-0.001	-0.006	-0.010	0.010	-0.048	-0.059	-0.062	-0.083	-0.084	-0.048	-0.052	0.4500
0.5500	0.113	0.137	0.058	0.035	0.024	0.014	0.006	0.004	0.081	0.082	0.047	0.025	0.009	0.010	-0.034	-0.039	0.5500
0.6500	0.154	0.099	0.076	0.055	0.039	0.036	0.033	0.027	0.026	0.029	0.045	0.031	0.013		-0.013	-0.037	0.6500
0.7500	0.174	0.117	0.089	0.065	0.054	0.046	0.056	0.041	0.035	0.022	0.046	0.028	0.016	0.002	-0.014	-0.033	0.7500
0.8500	0.155	0.100	0.077	0.053	0.038	0.035	0.039	0.020	0.017	0.032	0.045	0.027	0.013	0.001	-0.024	-0.036	0.8500
0.9500	0.111	0.066	0.054	0.031	0.017	0.014	0.010	-0.003	0.069	0.085	0.054	0.023	0.013	-0.004	-0.033	-0.042	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(a) BVW - Continued

	Fraction of body length, x/l																
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
	M = 2.227 α=-03.78																
0.0500	0.101	0.061	0.051	0.032	0.030	0.020	0.009	0.004	0.044	0.052	0.022	0.012	0.002	0.006	-0.027	-0.033	0.0500
0.1500	0.138	0.081	0.068	0.053	0.041	0.035	0.028	0.020	0.002	0.004	0.016	0.022	0.013	-0.002	-0.023	-0.037	0.1500
0.2500	0.140	0.088	0.077	0.059	0.047	0.043	0.036	0.026	0.011	-0.003	0.018	0.022			-0.031	-0.022	0.2500
0.3500	0.126	0.079	0.067	0.051	0.041	0.037	0.034	0.018	0.009	-0.002	0.023	0.018	0.015	-0.004	-0.028	-0.041	0.3500
0.4500	0.100	0.062	0.049	0.033	0.026	0.022	0.010	0.002	0.043	0.047	0.023	0.017	0.001		-0.027	-0.033	0.4500
0.5500	0.075	0.174	0.033	0.020	0.012	0.007	-0.002	-0.009	0.014	-0.019	-0.040	-0.044	-0.053	-0.043	-0.031	-0.035	0.5500
0.6500	0.063	0.033	0.023	0.012	0.005	0.004	-0.003	-0.004	0.002	0.002	-0.019	-0.033	-0.044	-0.047	-0.057	-0.047	0.6500
0.7500	0.060	0.032	0.023	0.012	0.002	0.006	-0.002	0.001	0.001	-0.005	-0.003	-0.033	-0.041	-0.044	-0.059	-0.059	0.7500
0.8500	0.063	0.033	0.023	0.014	0.005	0.002	-0.001	-0.002	-0.003	-0.005	-0.020	-0.032	-0.044	-0.054	-0.058	-0.045	0.8500
0.9500	0.075	0.043	0.033	0.022	0.012	0.003	0.000	-0.004	0.012	-0.022	-0.036	-0.043	-0.042	-0.058	-0.033	-0.037	0.9500
	M = 2.230 α= 00.30																
0.0500	0.093	0.055	0.044	0.028	0.024	0.016	0.010	0.002	0.027	0.004	-0.025	-0.025	-0.039	-0.032	-0.032	-0.036	0.0500
0.1500	0.101	0.051	0.042	0.028	0.021	0.016	0.011	0.003	-0.012	-0.004	-0.017	-0.015	-0.025	-0.036	-0.054	-0.054	0.1500
0.2500	0.088	0.049	0.040	0.028	0.021	0.015	0.010	0.003	-0.007	-0.019	-0.004	-0.012			-0.065	-0.053	0.2500
0.3500	0.088	0.051	0.039	0.028	0.021	0.017	0.016	0.005	-0.002	-0.008	-0.010	-0.019	-0.023	-0.039	-0.060	-0.059	0.3500
0.4500	0.093	0.054	0.040	0.060	0.023	0.016	0.010	0.003	0.024	0.001	-0.023	-0.020	-0.039	-0.037	-0.033	-0.038	0.4500
0.5500	0.095	0.184	0.045	0.032	0.025	0.018	0.007	0.001	0.029	0.026	-0.005	-0.019	-0.026	-0.021	-0.029	-0.033	0.5500
0.6500	0.102	0.054	0.049	0.032	0.026	0.018	0.010	0.000	0.001	0.011	0.002	-0.011	-0.021	-0.025	-0.038	-0.041	0.6500
0.7500	0.104	0.055	0.051	0.033	0.025	0.018	0.010	0.003	0.007	-0.002	0.015	-0.008	-0.017	-0.022	-0.036	-0.045	0.7500
0.8500	0.102	0.057	0.047	0.031	0.023	0.018	0.008	0.008	0.001	0.005	0.005	-0.010	-0.020	-0.031	-0.038	-0.039	0.8500
0.9500	0.095	0.056	0.046	0.033	0.019	0.017	0.008	0.004	0.033	0.021	-0.009	-0.020	-0.018	-0.034	-0.029	-0.032	0.9500
	M = 2.231 α= 04.08																
0.0500	0.075	0.037	0.027	0.013	0.009	0.000	-0.009	-0.014	-0.006	-0.044	-0.063	-0.058	-0.071	-0.062	-0.040	-0.043	0.0500
0.1500	0.069	0.027	0.018	0.010	0.003	-0.001	-0.007	-0.012	-0.023	-0.020	-0.043	-0.047	-0.057	-0.068	-0.073	-0.060	0.1500
0.2500	0.054	0.025	0.018	0.009	0.005	0.002	-0.004	-0.011	-0.017	-0.025	-0.025	-0.042			-0.092	-0.073	0.2500
0.3500	0.056	0.026	0.019	0.008	0.002	0.001	0.002	-0.012	-0.014	-0.023	-0.037	-0.051	-0.056	-0.070	-0.079	-0.064	0.3500
0.4500	0.072	0.037	0.027	0.012	0.007		-0.005	-0.015	-0.009	-0.046	-0.060	-0.051	-0.069	-0.068	-0.040	-0.044	0.4500
0.5500	0.103	0.189	0.049	0.034	0.023	0.015	0.007	-0.003	0.032	0.066	0.044	0.019	0.012	0.016	-0.025	-0.031	0.5500
0.6500	0.139	0.091	0.075	0.058	0.044	0.040	0.025	0.015	0.009	0.016	0.039	0.027	0.016	0.012	-0.003	-0.023	0.6500
0.7500	0.156	0.104	0.090	0.071	0.053	0.049	0.035	0.025	0.023	0.015	0.027	0.033	0.020	0.014	0.000	-0.013	0.7500
0.8500	0.144	0.091	0.080	0.057	0.044	0.037	0.026	0.018	0.011	0.010	0.039	0.027	0.017	0.007	-0.003	-0.022	0.8500
0.9500	0.108	0.061	0.052	0.030	0.022	0.014	0.006	-0.003	0.032	0.066	0.036	0.018	0.020	0.005	-0.025	-0.030	0.9500
	M = 2.268 α= 08.26																
0.0500	0.041	0.004	-0.009	-0.023	-0.027	-0.038	-0.047	-0.053	-0.058	-0.095	-0.092	-0.078	-0.095	-0.074	-0.048	-0.048	0.0500
0.1500	0.036	0.000	-0.007	-0.011	-0.018	-0.022	-0.027	-0.028	-0.036	-0.041	-0.073	-0.075	-0.091	-0.094	-0.087	-0.059	0.1500
0.2500	0.027	0.010	0.007	-0.001	-0.007	-0.012	-0.014	-0.019	-0.025	-0.029	-0.042	-0.060			-0.108	-0.096	0.2500
0.3500	0.023	-0.001	-0.008	-0.011	-0.019	-0.019	-0.017	-0.028	-0.029	-0.043	-0.067	-0.080	-0.093	-0.096	-0.097	-0.062	0.3500
0.4500	0.043	0.004	-0.013	-0.027	-0.032	-0.037	-0.042	-0.051	-0.064	-0.097	-0.088	-0.071	-0.091	-0.081	-0.049	-0.049	0.4500
0.5500	0.115	0.186	0.042	0.015	0.005	-0.005	-0.012	-0.023	-0.003	0.110	0.101	0.074	0.065	0.064	-0.014	-0.026	0.5500
0.6500	0.206	0.132	0.116	0.080	0.070	0.058	0.048	0.064	0.022	0.026	0.086	0.074	0.067	0.061	0.044	0.007	0.6500
0.7500	0.247	0.166	0.149	0.112	0.103	0.089	0.081	0.064	0.055	0.044	0.049	0.084	0.071	0.064	0.049	0.031	0.7500
0.8500	0.209	0.135	0.114	0.082	0.071	0.059	0.050	0.035	0.025	0.021	0.082	0.076	0.069	0.058	0.044	0.010	0.8500
0.9500	0.118	0.062	0.042	0.017	0.004	-0.003	-0.014	-0.024	0.001	0.109	0.093	0.072	0.073	0.054	-0.013	-0.026	0.9500
	M = 2.231 α= 12.09																
0.0500	-0.002	-0.041	-0.060	-0.085	-0.092	-0.108	-0.118	-0.124	-0.137	-0.146	-0.127	-0.104	-0.120	-0.097	-0.072	-0.068	0.0500
0.1500	0.004	-0.034	-0.033	-0.036	-0.040	-0.044	-0.047	-0.049	-0.054	-0.071	-0.106	-0.106	-0.129	-0.126	-0.095	-0.064	0.1500
0.2500	0.003	-0.004	-0.005	-0.016	-0.023	-0.025	-0.027	-0.030	-0.034	-0.037	-0.060	-0.078			-0.125	-0.115	0.2500
0.3500	-0.010	-0.036	-0.043	-0.033	-0.043	-0.040	-0.038	-0.048	-0.046	-0.072	-0.101	-0.111	-0.129	-0.126	-0.103	-0.065	0.3500
0.4500	-0.002	-0.042	-0.063	-0.088	-0.099	-0.108	-0.115	-0.124	-0.140	-0.147	-0.123	-0.100	-0.115	-0.101	-0.073	-0.071	0.4500
0.5500	0.115	0.146	0.033	0.001	-0.013	-0.025	-0.034	-0.050	-0.015	0.120	0.141	0.129	0.118	0.113	0.009	-0.015	0.5500
0.6500	0.259	0.188	0.157	0.117	0.104	0.089	0.077	0.065	0.044	0.044	0.120	0.125	0.126	0.117	0.096	0.043	0.6500
0.7500	0.327	0.250	0.216	0.172	0.156	0.141	0.132	0.112	0.099	0.086	0.079	0.128	0.130	0.120	0.104	0.082	0.7500
0.8500	0.261	0.193	0.159	0.124	0.103	0.091	0.080	0.062	0.048	0.041	0.116	0.135	0.160	0.116	0.098	0.048	0.8500
0.9500	0.115	0.062	0.036	0.004	-0.012	-0.020	-0.034	-0.052	-0.015	0.125	0.134	0.124	0.126	0.109	0.008	-0.012	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(a) BVW - Concluded

	Fraction of body length, x/l																
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
	M = 2.239 α= 16.31																
0.0500	-0.051	-0.094	-0.113	-0.133	-0.132	-0.149	-0.151	-0.148	-0.158	-0.165	-0.172	-0.139	-0.159	-0.149	-0.129	-0.131	0.0500
0.1500	-0.033	-0.080	-0.085	-0.095	-0.079	-0.094	-0.100	-0.101	-0.107	-0.118	-0.151	-0.151	-0.181	-0.159	-0.101	-0.068	0.1500
0.2500	-0.012	-0.020	-0.021	-0.034	-0.040	-0.054	-0.058	-0.060	-0.064	-0.071	-0.088	-0.098			-0.145	-0.094	0.2500
0.3500	-0.051	-0.086	-0.088	-0.094	-0.088	-0.086	-0.087	-0.099	-0.097	-0.120	-0.148	-0.158	-0.181	-0.160	-0.103	-0.071	0.3500
0.4500	-0.052	-0.095	-0.114	-0.132	-0.139	-0.147	-0.149	-0.147	-0.155	-0.166	-0.163	-0.131	-0.152	-0.153	-0.134	-0.132	0.4500
0.5500	0.120	0.147	0.033	-0.003	-0.017	-0.027	-0.039	-0.057	-0.002	0.184	0.176	0.193	0.187	0.179	0.034	-0.009	0.5500
0.6500	0.335	0.250	0.213	0.172	0.153	0.139	0.125	0.100	0.094	0.088	0.167	0.204	0.210	0.188	0.163	0.091	0.6500
0.7500	0.433	0.343	0.300	0.255	0.236	0.215	0.204	0.181	0.160	0.164	0.137	0.199	0.208	0.187	0.174	0.145	0.7500
0.8500	0.336	0.257	0.218	0.179	0.155	0.138	0.128	0.101	0.101	0.083	0.175	0.201	0.205	0.189	0.160	0.090	0.8500
0.9500	0.124	0.066	0.038	0.002	-0.014	-0.026	-0.039	-0.053	-0.007	0.173	0.181	0.196	0.193	0.178	0.031	-0.011	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued

(b) BVWC $\delta = -0.4°$

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 0.699		α=-04.23								
0.0500	0.062	0.107	0.063	-0.081	0.010	-0.036	-0.050	-0.031	0.020	-0.021	-0.034	-0.033	-0.053	-0.015	0.005	0.059	0.0500
0.1500	0.101	0.090	0.055	-0.016	-0.009	-0.025	-0.036	-0.024	-0.014	-0.025	-0.036	-0.037	-0.056	-0.042	0.003	0.073	0.1500
0.2500	0.120	0.091	0.054	-0.002	-0.010	-0.019	-0.028	-0.020	-0.020	-0.032	-0.034	-0.034			-0.022	0.084	0.2500
0.3500	0.106	0.089	0.056	-0.017	-0.015	-0.022	-0.037	-0.029	-0.012	-0.027	-0.035	-0.037	-0.056	-0.056	-0.017	0.067	0.3500
0.4500	0.065	0.105	0.060	-0.078	0.009	-0.036	-0.048	-0.034	0.017	-0.021	-0.033	-0.040	-0.055	-0.024	-0.004	0.054	0.4500
0.5500	0.031	-0.003	-0.130	-0.152	-0.005	-0.045	-0.056	-0.045	-0.046	-0.136	-0.181	-0.171	-0.124	-0.024	-0.008	0.050	0.5500
0.6500	0.012	-0.054	-0.090	-0.104	-0.050	-0.055	-0.062	-0.057	-0.068	-0.110	-0.149	-0.150	-0.118	-0.046	-0.015	0.050	0.6500
0.7500	0.009	-0.051	-0.081	-0.088	-0.062	-0.056	-0.062	-0.059	-0.072	-0.104	-0.140	-0.144	-0.114	-0.047	-0.015	0.050	0.7500
0.8500	0.013	-0.055	-0.091	-0.102	-0.050	-0.054	-0.061	-0.056	-0.067	-0.108	-0.156	-0.153	-0.121	-0.042	-0.011	0.052	0.8500
0.9500	0.027	-0.068	-0.132	-0.158	-0.011	-0.046	-0.055	-0.040	-0.048	-0.131	-0.183	-0.178	-0.135	-0.022	0.000	0.056	0.9500
							M = 0.696		α=-00.20								
0.0500	0.055	0.031	-0.028	-0.124	-0.002	-0.041	-0.051	-0.034	-0.017	-0.079	-0.106	-0.095	-0.096	-0.023	-0.002	0.055	0.0500
0.1500	0.056	0.023	-0.016	-0.061	-0.035	-0.042	-0.051	-0.043	-0.043	-0.067	-0.097	-0.092	-0.090	-0.053	-0.004	0.066	0.1500
0.2500	0.055	0.016	-0.020	-0.052	-0.043	-0.044	-0.053	-0.048	-0.052	-0.073	-0.093	-0.085			-0.025	0.073	0.2500
0.3500	0.056	0.021	-0.017	-0.063	-0.037	-0.041	-0.051	-0.044	-0.042	-0.071	-0.098	-0.092	-0.090	-0.065	-0.020	0.058	0.3500
0.4500	0.057	0.030	-0.024	-0.123	-0.002	-0.040	-0.049	-0.037	-0.020	-0.082	-0.109	-0.102	-0.095	-0.028	-0.008	0.049	0.4500
0.5500	0.059	0.072	-0.038	-0.118	-0.001	-0.039	-0.050	-0.035	-0.006	-0.073	-0.103	-0.108	-0.083	-0.021	-0.011	0.048	0.5500
0.6500	0.058	0.017	-0.019	-0.064	-0.034	-0.039	-0.050	-0.041	-0.037	-0.064	-0.090	-0.097	-0.084	-0.038	-0.012	0.050	0.6500
0.7500	0.059	0.013	-0.017	-0.050	-0.043	-0.045	-0.048	-0.043	-0.048	-0.068	-0.089	-0.096	-0.081	-0.035	-0.013	0.050	0.7500
0.8500	0.057	0.016	-0.020	-0.063	-0.037	-0.043	-0.051	-0.040	-0.040	-0.065	-0.099	-0.099	-0.086	-0.032	-0.009	0.053	0.8500
0.9500	0.052	0.021	-0.036	-0.126	-0.006	-0.041	-0.049	-0.035	-0.012	-0.073	-0.107	-0.114	-0.096	-0.020	-0.004	0.052	0.9500
							M = 0.695		α= 03.73								
0.0500	0.025	-0.058	-0.116	-0.165	-0.004	-0.046	-0.058	-0.041	-0.059	-0.148	-0.191	-0.163	-0.140	-0.028	-0.001	0.056	0.0500
0.1500	0.009	-0.051	-0.091	-0.101	-0.051	-0.056	-0.063	-0.057	-0.075	-0.116	-0.159	-0.149	-0.129	-0.067	-0.008	0.062	0.1500
0.2500	0.004	-0.052	-0.085	-0.091	-0.061	-0.058	-0.064	-0.061	-0.077	-0.112	-0.150	-0.136			-0.030	0.070	0.2500
0.3500	0.007	-0.055	-0.088	-0.102	-0.055	-0.054	-0.063	-0.060	-0.073	-0.120	-0.158	-0.147	-0.125	-0.076	-0.025	0.056	0.3500
0.4500	0.024	-0.052	-0.115	-0.159	-0.006	-0.046	-0.056	-0.043	-0.065	-0.149	-0.189	-0.168	-0.136	-0.033	-0.005	0.050	0.4500
0.5500	0.065	0.143	0.048	-0.076	0.006	-0.036	-0.048	-0.032	0.034	-0.011	-0.026	-0.042	-0.040	-0.015	-0.004	0.053	0.5500
0.6500	0.106	0.088	0.055	-0.016	-0.009	-0.024	-0.030	-0.021	-0.009	-0.019	-0.026	-0.039	-0.045	-0.025	-0.006	0.056	0.6500
0.7500	0.129	0.091	0.060	0.002	-0.006	-0.016	-0.023	-0.012	-0.014	-0.022	-0.029	-0.042	-0.044	-0.026	-0.008	0.059	0.7500
0.8500	0.106	0.086	0.058	-0.017	-0.012	-0.028	-0.033	-0.022	-0.012	-0.019	-0.035	-0.044	-0.048	-0.022	-0.003	0.059	0.8500
0.9500	0.059	0.098	0.056	-0.078	0.003	-0.038	-0.046	-0.034	0.026	-0.012	-0.030	-0.048	-0.051	-0.012	0.001	0.059	0.9500
							M = 0.697		α= 07.66								
0.0500	-0.041	-0.195	-0.215	-0.210	-0.015	-0.070	-0.079	-0.067	-0.133	-0.249	-0.302	-0.245	-0.185	-0.033	-0.003	0.049	0.0500
0.1500	-0.050	-0.152	-0.185	-0.146	-0.072	-0.075	-0.084	-0.084	-0.121	-0.190	-0.256	-0.232	-0.194	-0.085	-0.017	0.058	0.1500
0.2500	-0.043	-0.125	-0.165	-0.133	-0.084	-0.076	-0.082	-0.088	-0.118	-0.174	-0.226	-0.204			-0.046	0.069	0.2500
0.3500	-0.053	-0.154	-0.183	-0.146	-0.075	-0.073	-0.081	-0.089	-0.122	-0.193	-0.255	-0.228	-0.190	-0.093	-0.033	0.052	0.3500
0.4500	-0.043	-0.188	-0.209	-0.203	-0.018	-0.070	-0.076	-0.069	-0.141	-0.250	-0.299	-0.249	-0.181	-0.037	-0.007	0.043	0.4500
0.5500	0.033	0.209	0.127	-0.033	0.008	-0.050	-0.065	-0.050	0.089	0.076	0.056	0.024	0.004	-0.008	-0.003	0.053	0.5500
0.6500	0.144	0.153	0.123	0.027	0.011	-0.013	-0.022	-0.010	0.030	0.041	0.048	0.024	0.000	-0.011		0.060	0.6500
0.7500	0.200	0.174	0.139	0.056	0.031	0.014	0.004	0.016	0.041	0.040	0.045	0.020	0.000	-0.008		0.066	0.7500
0.8500	0.149	0.153	0.126	0.029	0.011	-0.015	-0.025	-0.009	0.023	0.039	0.036	0.020	-0.004	-0.008	0.000	0.062	0.8500
0.9500	0.033	0.157	0.136	-0.035	0.006	-0.050	-0.064	-0.052	0.077	0.074	0.051	0.017	-0.007	-0.008	0.003	0.058	0.9500
							M = 0.702		α= 11.74								
0.0500	-0.146	-0.403	-0.464	-0.288	-0.052	-0.112	-0.116	-0.108	-0.252	-0.399	-0.451	-0.369	-0.262	-0.056	-0.014	0.037	0.0500
0.1500	-0.123	-0.270	-0.306	-0.201	-0.094	-0.100	-0.114	-0.133	-0.198	-0.306	-0.401	-0.364	-0.291	-0.125	-0.034	0.046	0.1500
0.2500	-0.085	-0.218	-0.268	-0.183	-0.109	-0.099	-0.115	-0.135	-0.191	-0.280	-0.358	-0.314			-0.063	0.058	0.2500
0.3500	-0.130	-0.264	-0.298	-0.200	-0.098	-0.097	-0.116	-0.134	-0.197	-0.309	-0.399	-0.358	-0.281	-0.130	-0.049	0.044	0.3500
0.4500	-0.151	-0.396	-0.469	-0.267	-0.027	-0.102	-0.110	-0.107	-0.265	-0.400	-0.446	-0.369	-0.254	-0.057	-0.018	0.032	0.4500
0.5500	-0.033	0.274	0.209	0.013	-0.006	-0.072	-0.099	-0.089	0.144	0.168	0.128	0.083	0.044	-0.011	-0.007	0.051	0.5500
0.6500	0.177	0.221	0.194	0.074	0.030	-0.001	-0.015		0.063	0.100	0.117	0.085	0.040	-0.001	-0.001	0.059	0.6500
0.7500	0.286	0.266	0.225	0.117	0.076	0.053	0.045	0.064	0.096	0.114	0.116	0.081	0.042	0.004	0.000	0.064	0.7500
0.8500	0.185	0.221	0.196	0.077	0.033	-0.004	-0.018	0.000	0.054	0.097	0.105	0.080	0.036		-0.001	0.059	0.8500
0.9500	-0.029	0.227	0.218	0.013	0.001	-0.073	-0.099	-0.091	0.128	0.163	0.121	0.070	0.031	-0.008		0.056	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(b) BVWC $\delta = -0.4°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 0.696		α = 15.72							
0.0500	-0.271	-0.674	-0.627	-0.343	-0.034	-0.124	-0.141	-0.141	-0.402	-0.576	-0.616	-0.492	-0.342	-0.080	-0.028	0.024	0.0500
0.1500	-0.219	-0.415	-0.434	-0.255	-0.117	-0.138	-0.155	-0.172	-0.274	-0.420	-0.541	-0.486	-0.385	-0.154	-0.042	0.043	0.1500
0.2500	-0.112	-0.323	-0.374	-0.222	-0.130	-0.125	-0.149	-0.183	-0.269	-0.390	-0.491	-0.432			-0.070	0.054	0.2500
0.3500	-0.230	-0.410	-0.421	-0.255	-0.120	-0.134	-0.154	-0.170	-0.269	-0.420	-0.537	-0.477	-0.371	-0.159	-0.055	0.037	0.3500
0.4500	-0.270	-0.688	-0.575	-0.345	-0.035	-0.118	-0.128	-0.133	-0.410	-0.574	-0.611	-0.489	-0.333	-0.078	-0.031	0.019	0.4500
0.5500	-0.118	0.324	0.296	0.065	-0.024	-0.097	-0.138	-0.140	0.204	0.262	0.212	0.153	0.094	-0.004	-0.005	0.054	0.5500
0.6500	0.211	0.291	0.271	0.128	0.055	0.016	0.001	0.022	0.104	0.168	0.198	0.158	0.092	0.015	0.004	0.062	0.6500
0.7500	0.384	0.368	0.322	0.191	0.133	0.109	0.105	0.127	0.173	0.200	0.205	0.155	0.096	0.026	0.013	0.074	0.7500
0.8500	0.226	0.292	0.275	0.134	0.059	0.017	0.001	0.022	0.093	0.165	0.184	0.153	0.089	0.014	0.002	0.065	0.8500
0.9500	-0.111	0.283	0.310	0.068	-0.017	-0.094	-0.134	-0.141	0.183	0.259	0.208	0.142	0.080	-0.005	0.001	0.061	0.9500
								M = 0.904		α = 03.73							
0.0500	0.059	-0.024	-0.081	-0.214	0.037	-0.033	-0.048	-0.024	-0.017	-0.121	-0.204	-0.207	-0.176	-0.012	0.019	0.086	0.0500
0.1500	0.045	-0.018	-0.076	-0.154	-0.019	-0.038	-0.050	-0.034	-0.041	-0.095	-0.173	-0.195	-0.161	-0.053	0.012	0.095	0.1500
0.2500	0.042	-0.018	-0.069	-0.134	-0.037	-0.042	-0.051	-0.036	-0.047	-0.094	-0.159	-0.180			-0.013	0.103	0.2500
0.3500	0.044	-0.022	-0.074	-0.155	-0.023	-0.038	-0.050	-0.036	-0.040	-0.099	-0.171	-0.188	-0.155	-0.061	-0.005	0.091	0.3500
0.4500	0.059	-0.013	-0.094	-0.213	0.034	-0.034	-0.046	-0.025	-0.024	-0.123	-0.198	-0.208	-0.168	-0.015	0.014	0.080	0.4500
0.5500	0.096	0.181	0.073	-0.096	0.040	-0.025	-0.041	-0.021	0.056	-0.005	-0.025	-0.043	-0.041	0.001	0.016	0.083	0.5500
0.6500	0.134	0.117	0.078	-0.030	0.011	-0.015	-0.029	-0.012	0.016	-0.007	-0.022	-0.040	-0.044	-0.010	0.013	0.089	0.6500
0.7500	0.154	0.120	0.084	-0.007	0.007	-0.008	-0.020	-0.008	0.013	-0.010	-0.023	-0.043	-0.045	-0.011	0.010	0.093	0.7500
0.8500	0.135	0.115	0.080	-0.027	0.009	-0.016	-0.032	-0.011	0.010	-0.007	-0.030	-0.044	-0.049	-0.006	0.015	0.092	0.8500
0.9500	0.093	0.125	0.080	-0.098	0.038	-0.029	-0.042	-0.021	0.050	-0.005	-0.027	-0.049	-0.057	0.004	0.022	0.088	0.9500
								M = 0.951		α = 03.77							
0.0500	0.059	-0.024	-0.068	-0.198	-0.007	-0.033	-0.066	-0.038	-0.011	-0.123	-0.222	-0.255	-0.259	-0.038	0.033	0.093	0.0500
0.1500	0.045	-0.017	-0.077	-0.155	-0.095	-0.035	-0.068	-0.042	-0.037	-0.097	-0.192	-0.240	-0.234	-0.063	0.030	0.103	0.1500
0.2500	0.041	-0.017	-0.074	-0.143	-0.181	-0.037	-0.068	-0.044	-0.042	-0.094	-0.174	-0.232			0.010	0.114	0.2500
0.3500	0.044	-0.020	-0.079	-0.149	-0.098	-0.034	-0.066	-0.045	-0.035	-0.100	-0.190	-0.235	-0.221	-0.074	0.013	0.099	0.3500
0.4500	0.057	-0.011	-0.094	-0.187	-0.007	-0.034	-0.064	-0.038	-0.018	-0.126	-0.215	-0.257	-0.238	-0.034	0.026	0.090	0.4500
0.5500	0.095	0.181	0.068	-0.071	0.002	-0.029	-0.060	-0.038	0.058	-0.011	-0.045	-0.080	-0.088	-0.020	0.023	0.091	0.5500
0.6500	0.133	0.115	0.074	-0.034	-0.081	-0.018	-0.048	-0.029	0.014	-0.015	-0.041	-0.075	-0.091	-0.025	0.016	0.096	0.6500
0.7500	0.153	0.119	0.080	-0.017	-0.090	-0.009	-0.040	-0.020	0.004	-0.017	-0.043	-0.078	-0.093	-0.025	0.011	0.100	0.7500
0.8500	0.134	0.114	0.077	-0.031	-0.082	-0.020	-0.050	-0.028	0.009	-0.014	-0.048	-0.078	-0.098	-0.019	0.019	0.099	0.8500
0.9500	0.092	0.125	0.077	-0.074		-0.031	-0.061	-0.037	0.051	-0.013	-0.047	-0.085	-0.105	-0.015	0.029	0.095	0.9500
								M = 1.000		α = 03.88							
0.0500	0.110	0.029	-0.006	-0.131	-0.008	-0.046	-0.071	-0.067	0.014	-0.053	-0.148	-0.213	-0.255	-0.208	-0.091	0.048	0.0500
0.1500	0.097	0.035	-0.015	-0.093	-0.135	-0.045	-0.073	-0.072	-0.005	-0.027	-0.121	-0.202	-0.224	-0.296	-0.098	0.069	0.1500
0.2500	0.093	0.036	-0.015	-0.083	-0.231	-0.043	-0.072	-0.071	-0.007	-0.022	-0.108	-0.194			-0.125	0.080	0.2500
0.3500	0.095	0.033	-0.023	-0.094	-0.136	-0.042	-0.071	-0.075	-0.003	-0.029	-0.119	-0.194	-0.215	-0.308	-0.122	0.063	0.3500
0.4500	0.109	0.041	-0.043	-0.128	-0.006	-0.047	-0.069	-0.071	0.011	-0.055	-0.144	-0.215	-0.230	-0.229	-0.104	0.043	0.4500
0.5500	0.146	0.228	0.117	-0.002	0.002	-0.042	-0.066	-0.070	0.078	0.045	0.017	-0.050	-0.084	-0.138	-0.106	0.038	0.5500
0.6500	0.183	0.164	0.123	0.032	-0.089	-0.028	-0.054	-0.057	0.033	0.041	0.022	-0.044	-0.085	-0.115	-0.115	0.041	0.6500
0.7500	0.203	0.168	0.130	0.045	-0.124	-0.021	-0.045	-0.049	0.019	0.038	0.020	-0.046	-0.082	-0.105	-0.120	0.044	0.7500
0.8500	0.184	0.163	0.126	0.034	-0.095	-0.030	-0.055	-0.056	0.029	0.041	0.014	-0.047	-0.089	-0.111	-0.111	0.045	0.8500
0.9500	0.142	0.173	0.128	-0.006	-0.005	-0.044	-0.067	-0.069	0.071	0.043	0.016	-0.052	-0.100	-0.126	-0.095	0.044	0.9500
								M = 1.045		α = 03.88							
0.0500	0.108	0.061	0.048	-0.053	0.070	0.023	-0.022	-0.046	-0.002	-0.105	-0.180	-0.184	-0.212	-0.165	-0.078	0.029	0.0500
0.1500	0.094	0.068	0.039	-0.014	-0.050	0.020	-0.028	-0.053	-0.033	-0.078	-0.153	-0.180	-0.183	-0.250	-0.090	0.049	0.1500
0.2500	0.092	0.067	0.038	-0.005	-0.150	0.020	-0.029	-0.053	-0.045	-0.072	-0.139	-0.176			-0.128	0.061	0.2500
0.3500	0.093	0.065	0.030	-0.015	-0.052	0.021	-0.027	-0.056	-0.029	-0.083	-0.153	-0.170	-0.175	-0.259	-0.120	0.044	0.3500
0.4500	0.107	0.074	0.008	-0.049	0.067	0.020	-0.022	-0.049	-0.005	-0.110	-0.176	-0.179	-0.188	-0.178	-0.093	0.024	0.4500
0.5500	0.140	0.250	0.158	0.062	0.081	0.028	-0.016	-0.044	0.066	0.002	-0.026	-0.039	-0.050	-0.083	-0.085	0.022	0.5500
0.6500	0.175	0.188	0.165	0.097	-0.003	0.044	0.001	-0.029	0.001	-0.002	-0.023	-0.037	-0.050	-0.059	-0.082	0.023	0.6500
0.7500	0.194	0.190	0.171	0.111	-0.044	0.054	0.011	-0.019	-0.034	-0.004	-0.024	-0.041	-0.048	-0.052	-0.081	0.025	0.7500
0.8500	0.178	0.187	0.168	0.099	-0.011	0.044	-0.001	-0.025	-0.009	-0.001	-0.030	-0.039	-0.056	-0.058	-0.076	0.026	0.8500
0.9500	0.138	0.195	0.168	0.060	0.074	0.029	-0.013	-0.045	0.055	0.000	-0.028	-0.042	-0.069	-0.075	-0.071	0.028	0.9500

NACA

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(b) BVWC $\delta = -0.4^{\circ}$ - Continued

$\frac{\theta}{2\pi}$	Fraction of body length, x/l																$\frac{\theta}{2\pi}$
	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
	M = 1.097 α = 03.88																
0.0500	0.095	0.034	0.044	-0.059	0.038	-0.029	-0.018	-0.004	0.083	0.012	-0.083	-0.139	-0.173	-0.115	-0.019	0.089	0.0500
0.1500	0.082	0.040	0.030	-0.033	-0.133	-0.014	-0.014	0.001	0.049	0.028	-0.063	-0.147	-0.145	-0.172	-0.045	0.107	0.1500
0.2500	0.079	0.040	0.028	-0.027	-0.138	-0.003	-0.010	0.005	0.033	0.025	-0.046	-0.140			-0.084	0.116	0.2500
0.3500	0.081	0.036	0.021	-0.032	-0.140	-0.010	-0.009	-0.001	0.052	0.014	-0.062	-0.137	-0.135	-0.181	-0.065	0.104	0.3500
0.4500	0.094	0.046	-0.006	-0.056	0.038	-0.024	-0.013	-0.004	0.082	-0.010	-0.081	-0.153	-0.156	-0.128	-0.027	0.089	0.4500
0.5500	0.129	0.231	0.141	0.074	0.055	-0.014	-0.018	-0.009	0.125	0.105	0.072	-0.016	-0.058	-0.049	-0.016	0.098	0.5500
0.6500	0.165	0.165	0.144	0.098	-0.061	0.011	-0.011	-0.002	0.066	0.118	0.082	-0.001	-0.062	-0.034	-0.017	0.110	0.6500
0.7500	0.184	0.169	0.151	0.104	-0.031	0.021	-0.006	-0.002	0.021	0.125	0.082	-0.003	-0.061	-0.031	-0.022	0.120	0.7500
0.8500	0.166	0.165	0.150	0.100	-0.059	0.004	-0.014	-0.003	0.055	0.126	0.075	0.001	-0.067	-0.037	-0.012	0.116	0.8500
0.9500	0.125	0.174	0.154	0.070	0.047	-0.021	-0.020	-0.012	0.116	0.119	0.076	-0.008	-0.083	-0.047	-0.006	0.107	0.9500
	M = 1.303 α = -04.08																
0.0500	0.124	0.170	0.155	0.108	0.027	0.022	-0.010	0.002	0.075	0.024	0.026	0.018	-0.029	-0.059	-0.054	-0.018	0.0500
0.1500	0.161	0.150	0.142	0.109	0.020	0.035	0.003	0.002	0.002	0.025	0.023	0.025	0.015	-0.038	-0.054	-0.023	0.1500
0.2500	0.183	0.148	0.141	0.109	0.082	0.024	0.007	0.009	-0.003	0.016	0.021	0.022			-0.076	-0.019	0.2500
0.3500	0.171	0.146	0.144	0.109	0.019	0.038	0.004	-0.002	0.007	0.025	0.019	0.028	0.017	-0.044	-0.075	-0.040	0.3500
0.4500	0.137	0.160	0.141	0.109	0.025	0.021	-0.007	-0.005	0.086	0.028	0.021	0.030	0.011	-0.050	-0.058	-0.037	0.4500
0.5500	0.106	0.107	0.002	-0.013	-0.007	0.012	-0.013	-0.003	0.054	-0.024	-0.078	-0.074	-0.124	-0.112	-0.060	-0.024	0.5500
0.6500	0.090	0.031	0.011	-0.015	-0.082	0.001	0.007	-0.012	0.001	0.000	-0.047	-0.098	-0.116	-0.131	-0.092	-0.018	0.6500
0.7500	0.090	0.035	0.014	-0.015	-0.047	-0.035	0.017	-0.005	-0.014	0.004	-0.034	-0.092	-0.114	-0.130	-0.114	-0.003	0.7500
0.8500	0.093	0.033	0.014	-0.016	-0.087	0.005	0.011	-0.001	-0.005	-0.004	-0.041	-0.089	-0.116	-0.133	-0.095	-0.002	0.8500
0.9500	0.101	0.020	0.021	-0.025	-0.017	0.019	-0.008	-0.002	0.037	-0.025	-0.072	-0.112	-0.138	-0.123	-0.061	-0.002	0.9500
	M = 1.303 α = -00.05																
0.0500	0.112	0.094	0.073	0.020	0.008	0.019	-0.015	-0.001	0.062	-0.009	-0.028	-0.050	-0.077	-0.089	-0.066	-0.026	0.0500
0.1500	0.118	0.079	0.067	0.030	-0.044	0.002	-0.010	-0.010	0.003	0.002	-0.026	-0.046	-0.056	-0.101	-0.091	-0.021	0.1500
0.2500	0.121	0.072	0.063	0.034	0.007	-0.015	-0.005	-0.014	-0.017	0.006	-0.018	-0.044			-0.128	-0.008	0.2500
0.3500	0.122	0.072	0.066	0.032	-0.044	0.002	-0.005	-0.015	0.004		-0.029	-0.040	-0.041	-0.104	-0.109	-0.033	0.3500
0.4500	0.122	0.085	0.058	0.027	0.009	0.017	-0.018	-0.011	0.062	-0.009	-0.038	-0.043	-0.061	-0.102	-0.073	-0.036	0.4500
0.5500	0.121	0.151	0.057	0.023	-0.001	0.027	-0.014	-0.006	0.066		-0.019	-0.052	-0.074	-0.071	-0.067	-0.036	0.5500
0.6500	0.116	0.078	0.061	0.029	-0.048	0.013	0.001	-0.004	-0.001	0.008	-0.014	-0.047	-0.069	-0.077	-0.078	-0.034	0.6500
0.7500	0.113	0.078	0.062	0.029	0.001	-0.023	0.003	-0.006	-0.015	0.008	-0.005	-0.045	-0.068	-0.083	-0.085	-0.029	0.7500
0.8500	0.110	0.083	0.064	0.032	-0.041	0.001	-0.005	-0.007	-0.010	0.012	-0.009	-0.051	-0.071	-0.085	-0.074	-0.023	0.8500
0.9500	0.107	0.089	0.067	0.023	-0.013	0.015	-0.013	-0.002	0.056	0.002	-0.026	-0.063	-0.086	-0.079	-0.062	-0.017	0.9500
	M = 1.302 α = 03.93																
0.0500	0.107	0.030	0.035	-0.029	0.008	0.018	-0.014	-0.006	0.042	-0.033	-0.080	-0.105	-0.129	-0.119	-0.065	-0.020	0.0500
0.1500	0.094	0.035	0.017	-0.016	-0.088	-0.005	0.002	-0.004	-0.006	-0.017	-0.062	-0.093	-0.105	-0.151	-0.113	-0.008	0.1500
0.2500	0.090	0.036	0.015	-0.010	-0.046	-0.021	0.010	-0.006	-0.013	-0.004	-0.043	-0.089			-0.158	0.009	0.2500
0.3500	0.094	0.032	0.013	-0.013	-0.088	-0.006	0.005	-0.014	0.001	-0.016	-0.059	-0.084	-0.095	-0.159	-0.127	-0.014	0.3500
0.4500	0.109	0.032	-0.001	-0.022	0.007	0.011	-0.012	-0.011	0.049	-0.038	-0.091	-0.103	-0.119	-0.138	-0.070	-0.026	0.4500
0.5500	0.140	0.215	0.144	0.110	0.014	0.019	-0.017	-0.011	0.091	0.033	0.020	0.016	-0.008	-0.020	-0.053	-0.028	0.5500
0.6500	0.174	0.141	0.140	0.104	0.024	0.039	0.005	0.003	-0.001	0.029	0.037	0.021	0.005	-0.009	-0.045	-0.042	0.6500
0.7500	0.188	0.143	0.141	0.106	0.080	0.018	0.013	0.010		0.012	0.035	0.021	-0.001	-0.016	-0.028	-0.042	0.7500
0.8500	0.172	0.139	0.143	0.105	0.023	0.029	0.008	0.003	-0.006	0.032	0.033	0.014	-0.004	-0.018	-0.034	-0.032	0.8500
0.9500	0.134	0.147	0.153	0.096	0.004	0.021	-0.009		0.085	0.035	0.034	0.002	-0.014	-0.024	-0.044	-0.018	0.9500
	M = 1.299 α = 07.81																
0.0500	0.058	-0.052	-0.031	-0.087	-0.029	-0.010	-0.034	-0.031	-0.002	-0.098	-0.136	-0.138	-0.189	-0.153	-0.078	-0.034	0.0500
0.1500	0.049	-0.025	-0.042	-0.079	-0.142	-0.016	-0.016	-0.027	-0.022	-0.043	-0.125	-0.165	-0.175	-0.217	-0.128	-0.002	0.1500
0.2500	0.054	-0.009	-0.034	-0.072	-0.105	-0.007	-0.006	-0.018	-0.025	-0.039	-0.096	-0.147			-0.204	0.016	0.2500
0.3500	0.049	-0.027	-0.047	-0.076	-0.142	-0.017	-0.015	-0.029	-0.019	-0.055	-0.114	-0.158	-0.162	-0.225	-0.141	-0.010	0.3500
0.4500	0.059	-0.023	-0.070	-0.080	-0.036	-0.014	-0.034	-0.032	-0.002	-0.099	-0.144	-0.163	-0.180	-0.171	-0.078	-0.049	0.4500
0.5500	0.121	0.291	0.224	0.187	0.022	-0.008	-0.037	-0.035	0.122	0.059	0.080	0.016	0.074	0.038	-0.036	-0.049	0.5500
0.6500	0.209	0.203	0.217	0.182	0.082	0.052	-0.005	-0.006	-0.011	0.063	0.102	0.091	0.092	0.060	-0.001	-0.058	0.6500
0.7500	0.252	0.213	0.227	0.186	0.153	0.065	0.027	0.024	0.010	0.026	0.103	0.094	0.104	0.063	0.023	-0.043	0.7500
0.8500	0.211	0.200	0.221	0.182	0.083	0.048	-0.013	-0.001	-0.014	0.065	0.104	0.092	0.098	0.050	0.007	-0.046	0.8500
0.9500	0.116	0.203	0.228	0.177	0.021	-0.004	-0.032	-0.027	0.102	0.093	0.102	0.085	0.064	0.031	-0.031	-0.033	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(b) BVWC $\delta = -0.4°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 1.301		α = 11.79								
0.0500	-0.009	-0.137	-0.083	-0.140	-0.055	-0.051	-0.057	-0.054	-0.050	-0.150	-0.203	-0.228	-0.248	-0.171	-0.097	-0.063	0.0500
0.1500	0.007	-0.084	-0.099	-0.134	-0.174	-0.045	-0.045	-0.054	-0.044	-0.095	-0.179	-0.229	-0.235	-0.276	-0.135	-0.011	0.1500
0.2500	0.028	-0.034	-0.078	-0.117	-0.144	-0.014	-0.024	-0.044	-0.049	-0.063	-0.152	-0.207			-0.286	0.031	0.2500
0.3500	0.004	-0.086	-0.102	-0.131	-0.171	-0.048	-0.037	-0.054	-0.039	-0.099	-0.173	-0.219	-0.229	-0.286	-0.150	-0.014	0.3500
0.4500	-0.013	-0.136	-0.150	-0.158	-0.059	-0.061	-0.059	-0.051	-0.053	-0.174	-0.201	-0.221	-0.235	-0.195	-0.094	-0.070	0.4500
0.5500	0.086	0.372	0.313	0.264	0.051	-0.029	-0.083	-0.070	0.155	0.166	0.188	0.182	0.173	0.118	-0.040	-0.057	0.5500
0.6500	0.247	0.284	0.307	0.268	0.143	0.065	-0.014	-0.005	0.000	0.096	0.191	0.188	0.170	0.153	0.030	-0.047	0.6500
0.7500	0.327	0.303	0.327	0.281	0.225	0.131	0.070	0.027	0.045	0.036	0.186	0.177	0.163	0.147	0.076	-0.011	0.7500
0.8500	0.255	0.280	0.306	0.272	0.150	0.064	-0.015	-0.008	-0.011	0.083	0.184	0.182	0.166	0.136	0.041	-0.037	0.8500
0.9500	0.091	0.310	0.315	0.261	0.051	-0.024	-0.082	-0.076	0.131	0.176	0.184	0.167	0.147	0.116	-0.037	-0.048	0.9500
							M = 1.299		α = 15.82								
0.0500	-0.102	-0.174	-0.238	-0.241	-0.088	-0.116	-0.146	-0.098	-0.120	-0.240	-0.270	-0.292	-0.312	-0.217	-0.126	-0.111	0.0500
0.1500	-0.068	-0.137	-0.161	-0.188	-0.227	-0.079	-0.093	-0.070	-0.072	-0.147	-0.235	-0.290	-0.288	-0.335	-0.180	-0.037	0.1500
0.2500	0.003	-0.068	-0.115	-0.171	-0.190	-0.024	-0.079	-0.059	-0.093	-0.099	-0.217	-0.266			-0.313	0.030	0.2500
0.3500	-0.078	-0.157	-0.153	-0.182	-0.217	-0.077	-0.078	-0.060	-0.068	-0.147	-0.229	-0.286	-0.287	-0.338	-0.183	-0.030	0.3500
0.4500	-0.104	-0.239	-0.269	-0.240	-0.088	-0.110	-0.126	-0.079	-0.123	-0.251	-0.270	-0.284	-0.300	-0.238	-0.126	-0.124	0.4500
0.5500	0.041	0.469	0.401	0.350	0.069	-0.070	-0.186	-0.143	0.148	0.254	0.274	0.263	0.253	0.191	-0.041	-0.095	0.5500
0.6500	0.292	0.373	0.394	0.369	0.203	0.090	0.006	-0.040	-0.011	0.095	0.282	0.273	0.258	0.240	0.073	-0.057	0.6500
0.7500	0.415	0.416	0.430	0.394	0.292	0.204	0.116	0.073	0.055	0.080	0.283	0.270	0.257	0.260	0.137	-0.010	0.7500
0.8500	0.301	0.374	0.401	0.370	0.212	0.095	0.007	-0.045	-0.004	0.082	0.278	0.274	0.255	0.246	0.073	-0.047	0.8500
0.9500	0.047	0.421	0.418	0.344	0.081	-0.065	-0.197	-0.142	0.112	0.248	0.269	0.257	0.237	0.207	-0.034	-0.088	0.9500
							M = 1.497		α = 03.83								
0.0500	0.089	0.027	0.021	-0.020	-0.012	0.035	-0.007	-0.011	0.038	-0.019	-0.047	-0.091	-0.112	-0.110	-0.048	-0.042	0.0500
0.1500	0.078	0.030	0.011	-0.008	-0.045	-0.002	-0.011	-0.009	-0.007	0.001	-0.034	-0.082	-0.081	-0.124	-0.104	-0.048	0.1500
0.2500	0.074	0.028	0.011	-0.007	-0.015	-0.061	0.003	-0.004	-0.004	0.004	-0.030	-0.078			-0.138	-0.040	0.2500
0.3500	0.077	0.024	0.010	-0.009	-0.044	0.004	-0.012	-0.007	-0.001	0.001	-0.041	-0.075	-0.072	-0.124	-0.103	-0.065	0.3500
0.4500	0.089	0.023	0.002	-0.018	-0.017	0.033	-0.004	-0.017	0.042	-0.024	-0.059	-0.084	-0.099	-0.121	-0.045	-0.051	0.4500
0.5500	0.119	0.207	0.137	0.100	-0.025	0.046	0.004	-0.009	0.077	0.046	0.021	0.023	0.006	-0.006	-0.029	-0.036	0.5500
0.6500	0.153	0.121	0.124	0.099	0.055	0.039	0.004	0.003	0.005	0.037	0.032	0.031	0.010	0.008	-0.021	-0.036	0.6500
0.7500	0.168	0.118	0.124	0.110	0.086	0.025	0.021	0.007	0.009	-0.007	0.027	0.025	0.021	0.004	-0.021	-0.037	0.7500
0.8500	0.152	0.121	0.126	0.101	0.059	0.037	0.001	0.001	0.001	0.022	0.031	0.026	0.017	-0.006	-0.029	-0.032	0.8500
0.9500	0.115	0.133	0.138	0.100	-0.026	0.044		-0.007	0.062	0.043	0.031	0.010	0.005	-0.016	-0.029	-0.032	0.9500
							M = 1.695		α = 03.78								
0.0500	0.094	0.034	0.013	-0.002	-0.011	0.017	-0.002	-0.006	0.049	-0.009	-0.061	-0.088	-0.106	-0.101	-0.056	-0.060	0.0500
0.1500	0.086	0.038	0.021	0.003	-0.031	-0.003	-0.008	0.005	0.005	0.002	-0.041	-0.070	-0.081	-0.117	-0.107	-0.071	0.1500
0.2500	0.078	0.037	0.022	0.000	-0.018	-0.048	0.003	0.017	0.001	-0.008	-0.029	-0.064			-0.133	-0.077	0.2500
0.3500	0.086	0.034	0.018	0.004	-0.032	-0.009	-0.003	0.006	0.003	-0.001	-0.033	-0.075	-0.074	-0.114	-0.112	-0.089	0.3500
0.4500	0.104	0.032	0.006	-0.001	-0.028	0.027	0.003	-0.010	0.045	-0.015	-0.060	-0.082	-0.096	-0.111	-0.055	-0.065	0.4500
0.5500	0.133	0.243	0.127	0.095	-0.019	0.041	0.009	-0.005	0.066	0.042	0.028	0.012	-0.001	-0.008	-0.040	-0.049	0.5500
0.6500	0.163	0.122	0.118	0.089	0.067	0.027	0.024	0.005	-0.002	0.028	0.038	0.024	-0.004	-0.011	-0.029	-0.044	0.6500
0.7500	0.173	0.116	0.118	0.099	0.081	0.036	0.021	0.009		-0.009	0.033	0.017	0.005	-0.014	-0.026	-0.038	0.7500
0.8500	0.156	0.119	0.123	0.090	0.070	0.019	0.022	0.004	0.006	0.021	0.029	0.022	-0.003	-0.016	-0.029	-0.041	0.8500
0.9500	0.120	0.135	0.138	0.093	-0.008	0.029	0.006	0.002	0.061	0.043	0.017	0.013	-0.008	-0.015	-0.035	-0.049	0.9500
							M = 1.903		α = 03.98								
0.0500	0.085	0.023		-0.017	-0.039	0.017	0.008	-0.002	0.024	-0.019	-0.052	-0.064	-0.085	-0.081	-0.040	-0.041	0.0500
0.1500	0.069	0.025	0.010	-0.010	-0.038	-0.019	-0.001	-0.006	-0.002	0.002	-0.028	-0.052	-0.060	-0.087	-0.084	-0.065	0.1500
0.2500	0.052	0.030	0.016	-0.019	-0.025	-0.035	-0.014	0.012	0.004	0.000	-0.013	-0.044			-0.104	-0.076	0.2500
0.3500	0.055	0.026	0.014	-0.016	-0.030	-0.018	0.005	-0.005	0.007	0.003	-0.022	-0.055	-0.058	-0.090	-0.091	-0.074	0.3500
0.4500	0.077	0.026	0.001	-0.012	-0.038	0.020	0.008	0.000	0.028	-0.025	-0.056	-0.067	-0.079	-0.088	-0.041	-0.042	0.4500
0.5500	0.115	0.272	0.123	0.097	-0.006	0.040	0.012	0.011	0.067	0.058	0.032	0.009	0.002	0.005	-0.026	-0.031	0.5500
0.6500	0.152	0.122	0.119	0.084	0.077	0.046	0.040	0.014	0.002	0.017	0.030	0.023	0.006	-0.001	-0.012	-0.030	0.6500
0.7500	0.169	0.111	0.127	0.082	0.080	0.079	0.048	0.024	0.009	-0.004	0.033	0.024	0.009	-0.003	-0.010	-0.021	0.7500
0.8500	0.155	0.107	0.127	0.084	0.085	0.035	0.040	0.005	0.011	0.007	0.031	0.020	0.003	-0.005	-0.014	-0.023	0.8500
0.9500	0.118	0.127	0.133	0.089		0.035	0.014	0.004	0.064	0.054	0.028	0.009	0.009	0.001	-0.027	-0.029	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(b) BVWC $\delta = -0.4^{\circ}$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 2.227 α=-03.88																	
0.0500	0.106	0.113	0.120	0.084	0.014	0.027	0.025	0.004	0.051	0.034	0.008	0.006	-0.003	-0.001	-0.028	-0.032	0.0500
0.1500	0.146	0.093	0.096	0.081	0.071	0.037	0.032	0.022	-0.006	0.007	0.003	0.010	0.011	-0.007	-0.027	-0.036	0.1500
0.2500	0.144	0.095	0.089	0.084	0.073	0.064	0.040	0.023	0.010	-0.014	0.007	0.010			-0.032	-0.025	0.2500
0.3500	0.132	0.093	0.093	0.082	0.071	0.039	0.039	0.021	0.001	0.002	0.011	0.009	0.014	-0.009	-0.031	-0.043	0.3500
0.4500	0.105	0.109	0.112	0.086	0.008	0.027	0.022	0.001	0.050	0.033	0.009	0.009	0.002	-0.007	-0.027	-0.033	0.4500
0.5500	0.080	0.256	0.021	0.002	-0.039	0.014	0.012	0.002	0.027	-0.010	-0.036	-0.050	-0.053	-0.049	-0.032	-0.036	0.5500
0.6500	0.067	0.031	0.022	-0.001	-0.008	-0.024	-0.002	-0.002	-0.002	-0.001	-0.015	-0.034	-0.045	-0.055	-0.062	-0.053	0.6500
0.7500	0.063	0.030	0.024	0.002	-0.006	-0.013	-0.024	0.000	-0.002	-0.006	-0.004	-0.030	-0.040	-0.054	-0.066	-0.066	0.7500
0.8500	0.067	0.030	0.020	0.002	-0.010	-0.021	0.002	-0.004	-0.009	-0.001	-0.018	-0.034	-0.046	-0.057	-0.063	-0.051	0.8500
0.9500	0.079	0.032	0.026	0.005	-0.041	0.013	0.019	0.003	0.020	-0.012	-0.033	-0.048	-0.052	-0.060	-0.032	-0.037	0.9500
M = 2.230 α= 00.35																	
0.0500	0.096	0.073	0.067	0.036	-0.010	0.023	0.018	0.004	0.039	0.010	-0.022	-0.015	-0.033	-0.022	-0.032	-0.036	0.0500
0.1500	0.110	0.061	0.056	0.039	0.032	0.007	0.015	0.008	-0.009	0.001	-0.015	-0.008	-0.020	-0.027	-0.049	-0.048	0.1500
0.2500	0.097	0.058	0.051	0.043	0.033	0.025	0.006	0.004	-0.004	-0.018	-0.001	-0.005			-0.053	-0.044	0.2500
0.3500	0.096	0.060	0.053	0.041	0.031	0.007	0.024	0.009	-0.004	-0.003	-0.006	-0.012	-0.017	-0.029	-0.050	-0.054	0.3500
0.4500	0.094	0.071	0.063	0.040	-0.015	0.023	0.020	0.002	0.034	0.007	-0.018	-0.015	-0.029	-0.028	-0.033	-0.037	0.4500
0.5500	0.093	0.276	0.058	0.032	-0.028	0.020	0.015	0.003	0.036	0.012	-0.014	-0.030	-0.034	-0.032	-0.032	-0.035	0.5500
0.6500	0.096	0.054	0.054	0.031	0.021	-0.003	0.004	0.003	0.003	0.006	-0.004	-0.020	-0.029	-0.038	-0.045	-0.046	0.6500
0.7500	0.097	0.052	0.052	0.033	0.024	0.012	-0.006	-0.002	0.004	-0.006	0.004	-0.016	-0.024	-0.035	-0.047	-0.052	0.7500
0.8500	0.097	0.055	0.053	0.031	0.021	-0.003	0.005	0.006	-0.003	0.004	-0.003	-0.018	-0.029	-0.040	-0.046	-0.044	0.8500
0.9500	0.094	0.064	0.059	0.030	-0.028	0.018	0.018	0.007	0.032	0.008	-0.016	-0.031	-0.034	-0.042	-0.032	-0.035	0.9500
M = 2.230 α= 04.28																	
0.0500	0.074	0.024	0.012	-0.009	-0.021	0.014	0.010	-0.008	0.011	-0.032	-0.063	-0.057	-0.072	-0.060	-0.038	-0.041	0.0500
0.1500	0.073	0.023	0.009	-0.005	-0.015	-0.023	-0.006	-0.015	-0.022	-0.015	-0.038	-0.053	-0.055	-0.066	-0.081	-0.063	0.1500
0.2500	0.054	0.024	0.012	-0.003	-0.010	-0.019	-0.027	-0.009	-0.014	-0.021	-0.018	-0.037			-0.088	-0.076	0.2500
0.3500	0.055	0.021	0.011	-0.003	-0.016	-0.023	0.006	-0.015	-0.016	-0.016	-0.028	-0.048	-0.054	-0.067	-0.084	-0.067	0.3500
0.4500	0.071	0.019	0.007	-0.004	-0.034	0.012	0.013	-0.009	0.004	-0.033	-0.059	-0.058	-0.066	-0.067	-0.039	-0.042	0.4500
0.5500	0.103	0.309	0.121	0.090	0.011	0.025	0.017	-0.007	0.041	0.052	0.032	0.016	0.013	0.015	-0.023	-0.029	0.5500
0.6500	0.140	0.102	0.102	0.090	0.075	0.046	0.026	0.018	0.002	0.012	0.025	0.020	0.016	0.010	-0.003	-0.022	0.6500
0.7500	0.158	0.107	0.099	0.096	0.078	0.073	0.042	0.023	0.021	0.007	0.016	0.019	0.018	0.012	0.000	-0.014	0.7500
0.8500	0.144	0.100	0.106	0.092	0.075	0.047	0.026	0.024	0.002	0.008	0.027	0.023	0.015	0.008	-0.004	-0.021	0.8500
0.9500	0.106	0.116	0.125	0.090	0.012	0.023	0.017	-0.007	0.041	0.049	0.026	0.015	0.014	0.004	-0.021	-0.028	0.9500
M = 2.234 α= 08.26																	
0.0500	0.043	-0.035	-0.026	-0.045	-0.031	0.008	-0.010	-0.033	-0.027	-0.072	-0.099	-0.087	-0.099	-0.081	-0.050	-0.048	0.0500
0.1500	0.044	-0.010	-0.027	-0.036	-0.050	-0.045	-0.025	-0.036	-0.037	-0.036	-0.068	-0.055	-0.091	-0.094	-0.096	-0.071	0.1500
0.2500	0.030	0.006	-0.010	-0.033	-0.043	-0.053	-0.035	-0.013	-0.024	-0.029	-0.041	-0.066			-0.113	-0.091	0.2500
0.3500	0.025	-0.013	-0.024	-0.037	-0.048	-0.041	-0.015	-0.036	-0.028	-0.038	-0.056	-0.081	-0.091	-0.094	-0.100	-0.073	0.3500
0.4500	0.042	-0.019	-0.050	-0.039	-0.043	0.011	-0.009	-0.031	-0.032	-0.074	-0.096	-0.086	-0.093	-0.089	-0.052	-0.049	0.4500
0.5500	0.113	0.346	0.192	0.145	0.054	0.022	0.009	-0.030	0.010	0.062	0.084	0.066	0.059	0.061	-0.014	-0.025	0.5500
0.6500	0.204	0.139	0.160	0.144	0.131	0.093	0.063	0.040	0.014	0.006	0.066	0.061	0.061	0.056	0.041	0.004	0.6500
0.7500	0.246	0.164	0.161	0.151	0.144	0.128	0.103	0.070	0.054	0.036	0.021	0.064	0.065	0.058	0.045	0.028	0.7500
0.8500	0.208	0.139	0.158	0.141	0.136	0.094	0.065	0.039	0.019	0.004	0.064	0.066	0.063	0.055	0.040	0.007	0.8500
0.9500	0.119	0.160	0.184	0.153	0.057	0.022	0.001	-0.027	-0.001	0.063	0.076	0.064	0.062	0.052	-0.013	-0.024	0.9500
M = 2.234 α= 12.24																	
0.0500	0.001	-0.067	-0.045	-0.079	-0.034	-0.007	-0.042	-0.068	-0.086	-0.108	-0.128	-0.108	-0.122	-0.101	-0.066	-0.063	0.0500
0.1500	0.015	-0.044	-0.058	-0.064	-0.074	-0.054	-0.045	-0.055	-0.057	-0.060	-0.098	-0.092	-0.119	-0.114	-0.104	-0.090	0.1500
0.2500	0.007	-0.005	-0.028	-0.059	-0.067	-0.075	-0.031	-0.025	-0.044	-0.051	-0.066	-0.093			-0.136	-0.088	0.2500
0.3500	-0.006	-0.050	-0.054	-0.063	-0.073	-0.052	-0.034	-0.058	-0.048	-0.058	-0.088	-0.106	-0.118	-0.115	-0.106	-0.090	0.3500
0.4500	0.000	-0.058	-0.079	-0.071	-0.045	0.003	-0.039	-0.068	-0.086	-0.109	-0.124	-0.107	-0.114	-0.108	-0.067	-0.061	0.4500
0.5500	0.116	0.375	0.250	0.212	0.107	0.009	-0.019	-0.052	-0.035	0.092	0.115	0.117	0.107	0.108		-0.024	0.5500
0.6500	0.267	0.191	0.217	0.205	0.195	0.151	0.112	0.064	0.037	0.027	0.071	0.112	0.120	0.106	0.088	0.036	0.6500
0.7500	0.340	0.244	0.223	0.219	0.212	0.194	0.166	0.127	0.095	0.088	0.054	0.100	0.124	0.106	0.093	0.073	0.7500
0.8500	0.273	0.193	0.215	0.204	0.197	0.152	0.113	0.067	0.046	0.024	0.072	0.118	0.120	0.108	0.088	0.038	0.8500
0.9500	0.121	0.194	0.250	0.221	0.113	0.010	-0.020	-0.052	-0.038	0.091	0.108	0.115	0.111	0.104	-0.002	-0.023	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(b) BVWC $\delta = -0.4°$ - Concluded

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
	M= 2.230 α= 16.17																
0.0500	-0.044	-0.130	-0.108	-0.128	-0.063	-0.025	-0.076	-0.106	-0.140	-0.154	-0.155	-0.128	-0.140	-0.110	-0.084	-0.079	0.0500
0.1500	-0.017	-0.092	-0.086	-0.088	-0.100	-0.051	-0.069	-0.077	-0.076	-0.080	-0.117	-0.112	-0.141	-0.131	-0.106	-0.101	0.1500
0.2500	-0.009	-0.022	-0.049	-0.083	-0.089	-0.096	-0.031	-0.049	-0.073	-0.078	-0.088	-0.107			-0.151	-0.084	0.2500
0.3500	-0.044	-0.097	-0.082	-0.086	-0.096	-0.052	-0.060	-0.077	-0.066	-0.079	-0.109	-0.123	-0.140	-0.131	-0.109	-0.102	0.3500
0.4500	-0.045	-0.085	-0.123	-0.125	-0.082	-0.021	-0.071	-0.105	-0.141	-0.158	-0.147	-0.128	-0.131	-0.116	-0.086	-0.075	0.4500
0.5500	0.120	0.410	0.305	0.286	0.172	0.018	-0.036	-0.068	-0.031	0.144	0.139	0.163	0.163	0.166	0.026	-0.011	0.5500
0.6500	0.331	0.245	0.283	0.279	0.269	0.215	0.165	0.112	0.093	0.073	0.109	0.180	0.195	0.174	0.151	0.081	0.6500
0.7500	0.433	0.329	0.300	0.304	0.290	0.273	0.239	0.189	0.168	0.153	0.115	0.161	0.198	0.167	0.161	0.136	0.7500
0.8500	0.338	0.250	0.282	0.278	0.268	0.216	0.168	0.121	0.093	0.069	0.108	0.178	0.192	0.172	0.146	0.082	0.8500
0.9500	0.127	0.249	0.313	0.293	0.172	0.027	-0.033	-0.061	-0.033	0.128	0.135	0.167	0.168	0.160	0.026	-0.011	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(c) BVWC $\delta = 9.6°$

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 0.702		α=-04.23								
0.0500	0.088	0.070	-0.073	-0.112	-0.033	-0.043	-0.053	-0.029	0.089	0.039	-0.012	-0.024	-0.046	-0.012	0.007	0.067	0.0500
0.1500	0.135	0.032	-0.008	-0.040	-0.020	-0.017	-0.023	-0.007	0.014	0.012	-0.017	-0.025	-0.044	-0.037	0.008	0.078	0.1500
0.2500	0.112	0.047	0.008	-0.014	-0.007	-0.006	-0.011	0.002	0.007	-0.002	-0.025	-0.027			-0.017	0.089	0.2500
0.3500	0.101	0.029	-0.004	-0.036	-0.019	-0.014	-0.021	-0.009	0.018	0.008	-0.017	-0.028	-0.046	-0.051	-0.011	0.072	0.3500
0.4500	0.068	0.080	-0.070	-0.108	-0.032	-0.042	-0.047	-0.029	0.088	0.037	-0.015	-0.031	-0.047	-0.022	-0.001	0.061	0.4500
0.5500	0.042	0.096	-0.003	-0.184	-0.013	-0.060	-0.066	-0.056	-0.133	-0.189	-0.173	-0.158	-0.110	-0.016	-0.005	0.056	0.5500
0.6500	0.026	0.011	-0.016	-0.078	-0.036	-0.055	-0.063	-0.063	-0.094	-0.137	-0.156	-0.149	-0.113	-0.038	-0.007	0.052	0.6500
0.7500	0.025	0.006	-0.016	-0.058	-0.043	-0.051	-0.057	-0.060	-0.087	-0.120	-0.145	-0.141	-0.107	-0.037	-0.008	0.055	0.7500
0.8500	0.026	0.011	-0.014	-0.077	-0.035	-0.056	-0.062	-0.059	-0.096	-0.135	-0.164	-0.150	-0.116	-0.034	-0.002	0.057	0.8500
0.9500	0.036	0.031	-0.004	-0.191	-0.015	-0.059	-0.063	-0.056	-0.133	-0.186	-0.180	-0.166	-0.123	-0.015	0.004	0.062	0.9500
							M = 0.697		α=-00.20								
0.0500	0.065	0.159	-0.105	-0.146	-0.039	-0.056	-0.058	-0.033	0.066	-0.009	-0.096	-0.098	-0.102	-0.031	-0.012	0.048	0.0500
0.1500	0.101	-0.072	-0.110	-0.092	-0.050	-0.039	-0.043	-0.028	-0.017	-0.033	-0.088	-0.093	-0.095	-0.062	-0.011	0.058	0.1500
0.2500	0.043	-0.060	-0.091	-0.077	-0.051	-0.041	-0.044	-0.033	-0.032	-0.049	-0.086	-0.090			-0.033	0.066	0.2500
0.3500	0.042	-0.077	-0.105	-0.091	-0.050	-0.036	-0.042	-0.032	-0.014	-0.038	-0.090	-0.096	-0.096	-0.073	-0.030	0.051	0.3500
0.4500	0.052	0.159	-0.093	-0.137	-0.033	-0.052	-0.053	-0.034	0.061	-0.011	-0.099	-0.106	-0.101	-0.039	-0.019	0.042	0.4500
0.5500	0.062	0.167	0.087	-0.216	-0.058	-0.086	-0.071	-0.052	-0.106	-0.151	-0.107	-0.109	-0.084	-0.024	-0.017	0.039	0.5500
0.6500	0.066	0.074	0.052	-0.044	-0.025	-0.052	-0.063	-0.060	-0.080	-0.109	-0.109	-0.106	-0.090	-0.040	-0.013	0.046	0.6500
0.7500	0.069	0.058	0.040	-0.028	-0.033	-0.050	-0.062	-0.060	-0.078	-0.100	-0.105	-0.103	-0.087	-0.042	-0.012	0.047	0.7500
0.8500	0.063	0.072	0.051	-0.041	-0.025	-0.055	-0.066	-0.058	-0.083	-0.111	-0.115	-0.106	-0.092	-0.035	-0.009	0.049	0.8500
0.9500	0.054	0.111	0.090	-0.200	-0.049	-0.087	-0.072	-0.054	-0.111	-0.152	-0.115	-0.117	-0.099	-0.022	-0.008	0.046	0.9500
							M = 0.698		α= 03.73								
0.0500	0.040	0.257	-0.206	-0.185	-0.026	-0.041	-0.038	-0.031	0.065	0.013	-0.161	-0.142	-0.125	-0.019	0.006	0.066	0.0500
0.1500	0.087	-0.162	-0.178	-0.122	-0.046	-0.027	-0.033	-0.028	-0.016	-0.037	-0.137	-0.130	-0.116	-0.055	0.003	0.072	0.1500
0.2500	0.012	-0.137	-0.170	-0.103	-0.053	-0.035	-0.040	-0.034	-0.034	-0.055	-0.122	-0.124			-0.019	0.078	0.2500
0.3500	0.012	-0.167	-0.159	-0.120	-0.049	-0.029	-0.037	-0.035	-0.016	-0.043	-0.137	-0.134	-0.115	-0.064	-0.013	0.067	0.3500
0.4500	0.033	0.257	-0.178	-0.173	-0.023	-0.037	-0.033	-0.036	0.060	0.011	-0.162	-0.148	-0.122	-0.025	0.002	0.062	0.4500
0.5500	0.080	0.251	0.202	-0.207	-0.023	-0.082	-0.053	-0.030	-0.072	-0.138	-0.021	-0.028	-0.029	0.000	0.006	0.064	0.5500
0.6500	0.129	0.160	0.147	0.022	0.011	-0.026	-0.039	-0.035	-0.050	-0.078	-0.032	-0.031	-0.035	-0.016	0.001	0.067	0.6500
0.7500	0.154	0.150	0.132	0.036	0.009	-0.016	-0.031	-0.029	-0.046	-0.061	-0.033	-0.033	-0.035	-0.017	-0.001	0.069	0.7500
0.8500	0.128	0.158	0.147	0.023	0.012	-0.027	-0.041	-0.035	-0.056	-0.080	-0.041	-0.034	-0.039	-0.013	0.004	0.070	0.8500
0.9500	0.074	0.200	0.203	-0.170	-0.027	-0.084	-0.053	-0.030	-0.078	-0.142	-0.027	-0.034	-0.040	0.000	0.011	0.068	0.9500
							M = 0.701		α= 07.76								
0.0500	-0.034	0.303	-0.379	-0.310	-0.066	-0.083	-0.075	-0.078	-0.049	-0.185	-0.313	-0.241	-0.169	-0.019	0.008	0.060	0.0500
0.1500	0.032	-0.347	-0.385	-0.161	-0.056	-0.033	-0.048	-0.074	-0.102	-0.162	-0.246	-0.221	-0.184	-0.077	-0.010	0.066	0.1500
0.2500	-0.027	-0.250	-0.274	-0.151	-0.073	-0.048	-0.063	-0.077	-0.106	-0.154	-0.217	-0.200			-0.039	0.073	0.2500
0.3500	-0.043	-0.382	-0.373	-0.146	-0.050	-0.027	-0.049	-0.075	-0.099	-0.168	-0.248	-0.224	-0.184	-0.089	-0.029	0.059	0.3500
0.4500	-0.035	0.300	-0.393	-0.282	-0.059	-0.074	-0.069	-0.075	-0.053	-0.191	-0.307	-0.250	-0.169	-0.028	0.001	0.055	0.4500
0.5500	0.048	0.314	0.289	-0.240	-0.072	-0.075	-0.058	-0.035	0.013	0.032	0.050	0.023	0.003	-0.002	0.006	0.059	0.5500
0.6500	0.166	0.220	0.220	0.063	0.013	-0.023	-0.036	-0.022	-0.005	0.011	0.037	0.021	-0.002	-0.010	0.003	0.064	0.6500
0.7500	0.227	0.231	0.210	0.083	0.032	0.002	-0.010	0.000	0.007	0.018	0.035	0.018	-0.003	-0.009	0.000	0.066	0.7500
0.8500	0.169	0.219	0.221	0.067	0.017	-0.024	-0.038	-0.022	-0.013	0.007	0.028	0.018	-0.006	-0.007	0.007	0.067	0.8500
0.9500	0.043	0.259	0.293	-0.171	-0.058	-0.083	-0.061	-0.037	-0.002	0.027	0.047	0.021	-0.008	0.001	0.014	0.065	0.9500
							M = 0.695		α= 11.88								
0.0500	-0.138	0.333	-0.803	-0.507	-0.164	-0.146	-0.124	-0.092	-0.162	-0.337	-0.460	-0.384	-0.276	-0.061	-0.019	0.038	0.0500
0.1500	-0.039	-0.831	-0.424	-0.175	-0.060	-0.049	-0.079	-0.122	-0.187	-0.292	-0.417	-0.387	-0.335	-0.151	-0.056	0.030	0.1500
0.2500	-0.058	-0.388	-0.392	-0.189	-0.090	-0.064	-0.091	-0.130	-0.189	-0.267	-0.348	-0.303			-0.055	0.065	0.2500
0.3500	-0.111	-0.808	-0.418	-0.169	-0.063	-0.043	-0.072	-0.132	-0.192	-0.300	-0.415	-0.386	-0.327	-0.153	-0.066	0.029	0.3500
0.4500	-0.136	0.333	-0.823	-0.481	-0.167	-0.142	-0.110	-0.110	-0.174	-0.337	-0.453	-0.384	-0.267	-0.065	-0.021	0.036	0.4500
0.5500	-0.014	0.366	0.377	-0.266	-0.074	-0.088	-0.084	-0.070	0.094	0.137	0.129	0.087	0.044	-0.012	-0.009	0.046	0.5500
0.6500	0.203	0.284	0.298	0.116	0.024	-0.014	-0.025	-0.011	0.041	0.080	0.111	0.085	0.041	-0.004	-0.005	0.055	0.6500
0.7500	0.315	0.324	0.300	0.142	0.065	0.035	0.027	0.047	0.076	0.097	0.113	0.082	0.041	0.001	-0.002	0.063	0.7500
0.8500	0.210	0.283	0.299	0.121	0.024	-0.018	-0.033	-0.009	0.033	0.078	0.099	0.080	0.036	-0.004	-0.005	0.057	0.8500
0.9500	-0.016	0.300	0.387	-0.163	-0.118	-0.100	-0.091	-0.066	0.088	0.133	0.125	0.078	0.033	-0.011	-0.004	0.050	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(c) BVWC $\delta = 9.6°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 0.697 α = 15.86																	
0.0500	-0.257	0.359	-1.017	-0.875	-0.403	-0.169	-0.137	-0.132	-0.318	-0.523	-0.625	-0.523	-0.369	-0.081	-0.045	0.000	0.0500
0.1500	-0.109	-0.941	-0.456	-0.267	-0.128	-0.110	-0.177	-0.209	-0.285	-0.431	-0.574	-0.529	-0.455	-0.189	-0.069	0.014	0.1500
0.2500	-0.073	-0.543	-0.469	-0.250	-0.142	-0.116	-0.160	-0.194	-0.281	-0.399	-0.494	-0.447			-0.069	0.039	0.2500
0.3500	-0.160	-0.985	-0.446	-0.251	-0.135	-0.106	-0.180	-0.212	-0.278	-0.418	-0.572	-0.499	-0.433	-0.185	-0.089	0.023	0.3500
0.4500	-0.245	0.361	-1.003	-0.866	-0.429	-0.166	-0.132	-0.134	-0.310	-0.517	-0.590	-0.520	-0.357	-0.117	-0.059	0.004	0.4500
0.5500	-0.097	0.403	0.467	-0.350	-0.235	-0.116	-0.119	-0.115	0.174	0.242	0.210	0.149	0.091	-0.040	-0.029	0.032	0.5500
0.6500	0.235	0.342	0.372	0.153	-0.014	-0.028	-0.019	0.009	0.084	0.154	0.190	0.154	0.084	-0.010	-0.015	0.044	0.6500
0.7500	0.410	0.419	0.390	0.190	0.079	0.062	0.078	0.110	0.155	0.178	0.194	0.150	0.084	0.006	-0.009	0.056	0.7500
0.8500	0.247	0.344	0.375	0.161	-0.006	-0.032	-0.022	0.010	0.077	0.155	0.177	0.147	0.086	0.003	-0.002	0.057	0.8500
0.9500	-0.094	0.338	0.480	-0.187	-0.265	-0.123	-0.116	-0.118	0.146	0.224	0.204	0.138	0.077	-0.016	-0.012	0.052	0.9500
M = 0.906 α = 03.78																	
0.0500	0.080	0.284	-0.191	-0.288	0.010	-0.037	-0.047	-0.035	0.091	0.058	-0.195	-0.216	-0.186	-0.019	0.009	0.077	0.0500
0.1500	0.141	-0.129	-0.173	-0.220	-0.027	-0.018	-0.034	-0.022	0.010	0.001	-0.171	-0.203	-0.170	-0.060	0.005	0.086	0.1500
0.2500	0.053	-0.108	-0.167	-0.194	-0.040	-0.024	-0.040	-0.026	-0.009	-0.023	-0.154	-0.196			-0.017	0.092	0.2500
0.3500	0.051	-0.139	-0.154	-0.211	-0.028	-0.016	-0.034	-0.027	0.009	-0.008	-0.170	-0.203	-0.165	-0.068	-0.012	0.081	0.3500
0.4500	0.067	0.279	-0.161	-0.271	0.009	-0.034	-0.043	-0.037	0.089	0.050	-0.193	-0.216	-0.177	-0.025	0.003	0.074	0.4500
0.5500	0.109	0.292	0.226	-0.284	-0.017	-0.086	-0.051	-0.028	-0.064	-0.172	-0.025	-0.036	-0.039	0.001	0.007	0.074	0.5500
0.6500	0.154	0.193	0.176	-0.003	0.011	-0.035	-0.049	-0.036	-0.048	-0.106	-0.035	-0.038	-0.046	-0.016	0.002	0.080	0.6500
0.7500	0.175	0.183	0.162	0.025	0.005	-0.025	-0.040	-0.028	-0.045	-0.088	-0.038	-0.041	-0.047	-0.018	-0.001	0.084	0.7500
0.8500	0.152	0.192	0.176	0.000	0.011	-0.037	-0.051	-0.035	-0.053	-0.110	-0.046	-0.041	-0.051	-0.014	0.004	0.084	0.8500
0.9500	0.101	0.230	0.229	-0.227	-0.006	-0.090	-0.051	-0.030	-0.071	-0.180	-0.031	-0.038	-0.052	0.002	0.012	0.078	0.9500
M = 0.953 α = 03.92																	
0.0500	0.101	0.308	-0.181	-0.277	-0.244	-0.023	-0.040	-0.035	0.097	0.061	-0.183	-0.249	-0.267	-0.058	0.033	0.099	0.0500
0.1500	0.166	-0.099	-0.163	-0.224	-0.312	0.012	-0.027	-0.021	0.021	0.015	-0.158	-0.237	-0.240	-0.115	0.038	0.111	0.1500
0.2500	0.074	-0.082	-0.158	-0.206	-0.274	0.012	-0.032	-0.025	0.004	-0.006	-0.140	-0.238			0.023	0.116	0.2500
0.3500	0.070	-0.109	-0.155	-0.219	-0.310	0.012	-0.027	-0.028	0.021	0.008	-0.161	-0.235	-0.226	-0.145	0.023	0.106	0.3500
0.4500	0.087	0.302	-0.165	-0.267	-0.198	-0.020	-0.032	-0.040	0.091	0.056	-0.185	-0.252	-0.237	-0.071	0.029	0.098	0.4500
0.5500	0.126	0.316	0.244	-0.250	-0.083	-0.106	-0.045	-0.028	-0.041	-0.167	-0.024	-0.056	-0.079	-0.021	0.023	0.097	0.5500
0.6500	0.170	0.214	0.196	-0.005	-0.054	-0.046	-0.046	-0.032	-0.029	-0.108	-0.032	-0.057	-0.089	-0.034	0.012	0.103	0.6500
0.7500	0.191	0.204	0.183	0.014	-0.054	-0.038	-0.041	-0.024	-0.028	-0.091	-0.033	-0.059	-0.089	-0.033	0.008	0.106	0.7500
0.8500	0.167	0.213	0.197	-0.003	-0.056	-0.047	-0.051	-0.031	-0.034	-0.110	-0.040	-0.058	-0.094	-0.028	0.014	0.105	0.8500
0.9500	0.116	0.254	0.249	-0.190	-0.089	-0.108	-0.049	-0.027	-0.046	-0.174	-0.028	-0.057	-0.097	-0.018	0.028	0.100	0.9500
M = 1.005 α = 04.03																	
0.0500	0.134	0.334	-0.142	-0.225	-0.295	-0.083	-0.081	-0.105	0.067	0.079	-0.108	-0.205	-0.248	-0.221	-0.122	0.014	0.0500
0.1500	0.197	-0.057	-0.122	-0.177	-0.259	-0.045	-0.072	-0.098	0.005	0.047	-0.091	-0.195	-0.220	-0.310	-0.128	0.034	0.1500
0.2500	0.107	-0.041	-0.117	-0.161	-0.223	-0.033	-0.077	-0.100	-0.009	0.035	-0.083	-0.195			-0.154	0.042	0.2500
0.3500	0.103	-0.064	-0.117	-0.172	-0.258	-0.043	-0.072	-0.104	0.004	0.043	-0.095	-0.189	-0.210	-0.321	-0.151	0.029	0.3500
0.4500	0.119	0.324	-0.136	-0.212	-0.278	-0.067	-0.078	-0.111	0.062	0.078	-0.114	-0.207	-0.221	-0.243	-0.130	0.008	0.4500
0.5500	0.156	0.340	0.271	-0.185	-0.075	-0.145	-0.098	-0.091	-0.059	-0.156	0.035	-0.024	-0.072	-0.134	-0.128	0.005	0.5500
0.6500	0.198	0.244	0.226	0.046	-0.023	-0.094	-0.097	-0.091	-0.053	-0.107	0.035	-0.025	-0.079	-0.119	-0.131	0.003	0.6500
0.7500	0.218	0.233	0.213	0.063	-0.017	-0.087	-0.093	-0.082	-0.056	-0.093	0.038	-0.026	-0.076	-0.107	-0.129	0.003	0.7500
0.8500	0.196	0.243	0.228	0.047	-0.032	-0.094	-0.098	-0.088	-0.060	-0.110	0.028	-0.027	-0.083	-0.111	-0.128	0.007	0.8500
0.9500	0.148	0.284	0.275	-0.130	-0.081	-0.146	-0.099	-0.092	-0.065	-0.162	0.031	-0.026	-0.088	-0.118	-0.119	0.011	0.9500
M = 1.048 α = 04.03																	
0.0500	0.154	0.381	-0.060	-0.134	-0.188	0.010	-0.031	-0.074	0.071	0.037	-0.147	-0.179	-0.191	-0.172	-0.085	0.028	0.0500
0.1500	0.148	0.011	-0.045	-0.083	-0.170	0.022	-0.025	-0.071	-0.009	0.010	-0.122	-0.171	-0.158	-0.262	-0.093	0.049	0.1500
0.2500	0.138	0.024	-0.035	-0.066	-0.136	0.029	-0.030	-0.072	-0.046	-0.002	-0.106	-0.179			-0.129	0.061	0.2500
0.3500	0.134	0.003	-0.042	-0.079	-0.176	0.023	-0.026	-0.074	-0.008		-0.125	-0.165	-0.151	-0.270	-0.124	0.044	0.3500
0.4500	0.146	0.374	-0.057	-0.118	-0.179	0.011	-0.026	-0.074	0.068	0.032	-0.146	-0.175	-0.171	-0.193	-0.095	0.025	0.4500
0.5500	0.180	0.403	0.324	-0.102	0.017	-0.070	-0.049	-0.058	-0.029	-0.141	-0.044	-0.042	-0.036	-0.078	-0.083	0.025	0.5500
0.6500	0.218	0.294	0.283	0.115	0.061	-0.016	-0.038	-0.053	-0.030	-0.091	-0.061	-0.044	-0.038	-0.060	-0.077	0.025	0.6500
0.7500	0.232	0.283	0.272	0.133	0.069	-0.006	-0.029	-0.044	-0.048	-0.075	-0.068	-0.047	-0.033	-0.047	-0.069	0.027	0.7500
0.8500	0.217	0.293	0.287	0.116	0.062	-0.013	-0.039	-0.051	-0.040	-0.090	-0.068	-0.049	-0.040	-0.053	-0.074	0.029	0.8500
0.9500	0.177	0.334	0.331	-0.054	0.015	-0.066	-0.048	-0.061	-0.037	-0.145	-0.047	-0.045	-0.047	-0.068	-0.073	0.032	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(c) BVWC $\delta = 9.6°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 1.100		α= 04.08								
0.0500	0.122	0.340	-0.067	-0.128	-0.218	-0.013	0.013	0.007	0.221	0.174	-0.035	-0.167	-0.154	-0.070	-0.032	0.054	0.0500
0.1500	0.124	0.021	-0.061	-0.090	-0.145	0.033	0.040	0.023	0.212	0.153	-0.053	-0.156	-0.144	-0.138	-0.055	0.082	0.1500
0.2500	0.117	0.033	-0.046	-0.082	-0.116	0.062	0.045	0.020	0.156	0.139	-0.034	-0.157			-0.086	0.088	0.2500
0.3500	0.105	0.008	-0.064	-0.095	-0.146	0.028	0.042	0.022	0.153	0.135	-0.042	-0.149	-0.116	-0.152	-0.073	0.076	0.3500
0.4500	0.107	0.370	-0.074	-0.117	-0.212	-0.013	0.021	0.010	0.217	0.162	-0.067	-0.164	-0.120	-0.091	-0.038	0.060	0.4500
0.5500	0.143	0.409	0.310	-0.065	-0.061	-0.082	-0.010	0.029	0.159	-0.011	0.014	-0.020	-0.045	-0.010	-0.023	0.057	0.5500
0.6500	0.183	0.285	0.272	0.154	0.019	-0.026	-0.020	0.021	0.127	0.040	0.017	-0.015	-0.036	0.008	-0.007	0.058	0.6500
0.7500	0.205	0.270	0.263	0.171	-0.003	-0.022	-0.018	0.027	0.145	0.062	0.007	-0.013	-0.039	0.020	-0.002	0.061	0.7500
0.8500	0.196	0.285	0.282	0.155	0.015	-0.036	-0.023	0.024	0.158	0.052	0.003	-0.013	-0.042	0.023	-0.007	0.071	0.8500
0.9500	0.149	0.343	0.321	-0.014	-0.069	-0.085	-0.014	0.024	0.129	-0.003	0.017	-0.016	-0.045	0.005	-0.016	0.076	0.9500
							M = 1.297		α=-04.13								
0.0500	0.135	0.126	0.036	0.018	-0.121	0.038	-0.013	-0.012	0.134	0.091	0.053	0.009	-0.033	-0.060	-0.053	-0.040	0.0500
0.1500	0.155	0.106	0.060	0.042	0.012	-0.012	0.007	0.007	-0.006	0.058	0.055	0.023	0.003	-0.044	-0.056	-0.031	0.1500
0.2500	0.171	0.109	0.084	0.061	0.041	-0.017	0.040	0.021	0.006	0.031	0.056	0.022			-0.069	-0.030	0.2500
0.3500	0.170	0.094	0.071	0.050	0.020	-0.010	0.017	0.017	0.008	0.056	0.053	0.025	0.016	-0.053	-0.076	-0.044	0.3500
0.4500	0.148	0.127	0.023	0.018	-0.119	0.029	-0.008	-0.003	0.143	0.087	0.050	0.031	0.025	-0.055	-0.060	-0.050	0.4500
0.5500	0.112	0.168	0.068	0.000	0.005	0.001	-0.019	-0.023	-0.010	-0.098	-0.077	-0.093	-0.099	-0.130	-0.062	-0.039	0.5500
0.6500	0.094	0.061	0.065	0.040	-0.052	-0.004	-0.016	-0.029	-0.018	-0.045	-0.079	-0.108	-0.115	-0.134	-0.085	-0.028	0.6500
0.7500	0.087	0.057	0.065	0.045	-0.047	0.012	-0.013	-0.023	-0.025	-0.019	-0.073	-0.101	-0.108	-0.131	-0.109	-0.016	0.7500
0.8500	0.090	0.064	0.064	0.039	-0.055	-0.001	-0.016	-0.021	-0.017	-0.044	-0.070	-0.096	-0.108	-0.141	-0.081	-0.012	0.8500
0.9500	0.092	0.078	0.062	-0.010	-0.009	0.001	-0.018	-0.021	-0.032	-0.091	-0.081	-0.111	-0.124	-0.134	-0.067	-0.013	0.9500
							M = 1.303		α=-00.15								
0.0500	0.117	0.207	0.017	-0.044	-0.090	0.040	-0.018	-0.007	0.123	0.072	-0.014	-0.050	-0.078	-0.091	-0.073	-0.034	0.0500
0.1500	0.122	0.042	0.004	-0.014	-0.050	-0.003	-0.003	0.005	-0.007	0.038	0.001	-0.044	-0.059	-0.100	-0.089	-0.025	0.1500
0.2500	0.116	0.042	0.013	-0.014	-0.022	-0.063	0.018	0.004	-0.010	0.025	0.016	-0.040			-0.123	-0.010	0.2500
0.3500	0.118	0.030	0.005	-0.017	-0.031	0.003	0.008	-0.001	-0.002	0.034	0.008	-0.035	-0.041	-0.109	-0.112	-0.036	0.3500
0.4500	0.120	0.201	0.004	-0.030	-0.131	0.029	-0.018	-0.005	0.108	0.075	-0.017	-0.037	-0.056	-0.108	-0.077	-0.044	0.4500
0.5500	0.120	0.254	0.138	-0.017	-0.068	-0.012	-0.039	-0.014	-0.003	-0.080	-0.043	-0.062	-0.073	-0.077	-0.063	-0.038	0.5500
0.6500	0.118	0.122	0.139	0.086	-0.020	-0.003	-0.024	-0.023	-0.020	-0.043	-0.055	-0.058	-0.072	-0.074	-0.070	-0.031	0.6500
0.7500	0.114	0.101	0.123	0.104	-0.001	0.014	-0.022	-0.024	-0.031	-0.023	-0.056	-0.055	-0.071	-0.080	-0.083	-0.024	0.7500
0.8500	0.112	0.112	0.142	0.110	-0.003	0.008	-0.024	-0.025	-0.027	-0.036	-0.052	-0.061	-0.069	-0.086	-0.069	-0.024	0.8500
0.9500	0.102	0.155	0.146	0.027	-0.045	-0.022	-0.033	-0.021	-0.007	-0.086	-0.052	-0.069	-0.083	-0.081	-0.060	-0.020	0.9500
							M = 1.301		α= 03.93								
0.0500	0.094	0.305	-0.058	-0.092	-0.107	0.049	0.004	-0.019	0.108	0.057	-0.047	-0.096	-0.110	-0.119	-0.065	-0.014	0.0500
0.1500	0.095	0.078	-0.070	-0.059	-0.114	0.029	0.009	-0.001	-0.011	0.037	-0.009	-0.090	-0.113	-0.148	-0.113	0.003	0.1500
0.2500	0.096	0.004	-0.058	-0.054	-0.073	-0.078	0.029	0.006	-0.017	0.022	0.008	-0.084			-0.150	0.015	0.2500
0.3500	0.089	-0.009	-0.067	-0.061	-0.075	0.007	0.019	-0.002	-0.005	0.029	-0.006	-0.083	-0.068	-0.157	-0.155	-0.006	0.3500
0.4500	0.105	0.323	-0.071	-0.072	-0.119	0.037	0.016	-0.010	0.116	0.055	-0.048	-0.095	-0.096	-0.149	-0.085	-0.023	0.4500
0.5500	0.137	0.337	0.270	0.032	-0.026	-0.039	-0.033	-0.015	0.012	-0.076	0.012	0.013	0.002	-0.030	-0.058	-0.030	0.5500
0.6500	0.170	0.178	0.241	0.160	0.043	0.019	-0.030	-0.019	-0.024	-0.044	-0.028	0.018	0.004	-0.008	-0.042	-0.042	0.6500
0.7500	0.183	0.146	0.231	0.212	0.072	0.028	-0.039	-0.018	-0.022	-0.015	-0.044	0.020	0.003	-0.014	-0.022	-0.049	0.7500
0.8500	0.174	0.174	0.247	0.214	0.069	0.027	-0.037	-0.017	-0.031	-0.026	-0.053	0.019	0.002	-0.020	-0.029	-0.039	0.8500
0.9500	0.137	0.198	0.272	0.091	-0.020	-0.041	-0.033	-0.016	0.005	-0.082	0.001	0.008	-0.007	-0.031	-0.045	-0.026	0.9500
							M = 1.297		α= 07.86								
0.0500	0.027	0.435	-0.188	-0.166	-0.208	0.031	-0.032	-0.026	0.023	-0.024	-0.130	-0.147	-0.192	-0.148	-0.062	-0.019	0.0500
0.1500	0.057	-0.051	-0.086	-0.131	-0.133	0.036	0.006	0.003	-0.050	-0.024	-0.101	-0.170	-0.177	-0.210	-0.123	0.017	0.1500
0.2500	0.055	-0.017	-0.108	-0.100	-0.114	-0.118	0.024	0.004	-0.051	-0.030	-0.079	-0.136			-0.223	0.037	0.2500
0.3500	0.044	-0.069	-0.090	-0.123	-0.113	0.051	0.006	0.007	-0.049	-0.030	-0.085	-0.160	-0.166	-0.218	-0.144	0.015	0.3500
0.4500	0.053	0.174	-0.249	-0.159	-0.195	0.036	-0.028	-0.015	0.030	-0.046	-0.137	-0.163	-0.176	-0.168	-0.076	-0.018	0.4500
0.5500	0.117	0.432	0.388	0.070	-0.083	-0.034	-0.046	-0.016	0.059	0.029	0.085	0.057	0.096	0.032	-0.033	-0.013	0.5500
0.6500	0.199	0.212	0.359	0.315	0.116	0.040	-0.044	-0.030	-0.009	0.024	0.071	0.086	0.097	0.061	-0.007	-0.049	0.6500
0.7500	0.245	0.190	0.347	0.319	0.138	0.036	-0.031	-0.022	-0.003	0.025	0.068	0.087	0.102	0.065	0.016	-0.043	0.7500
0.8500	0.233	0.216	0.347	0.316	0.121	0.034	-0.063	-0.027	-0.025	0.023	0.069	0.086	0.101	0.054	-0.004	-0.042	0.8500
0.9500	0.151	0.301	0.406	0.143	-0.048	-0.027	-0.059	-0.018	0.045	0.031	0.089	0.081	0.089	0.028	-0.028	0.004	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(c) BVWC $\delta = 9.6°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 1.297		α= 11.94							
0.0500	-0.019	0.557	-0.350	-0.304	-0.311	-0.010	-0.090	0.001	-0.020	-0.136	-0.200	-0.238	-0.250	-0.177	-0.106	-0.033	0.0500
0.1500	0.007	-0.155	-0.158	-0.129	-0.151	0.030	-0.057	-0.031	-0.083	-0.101	-0.186	-0.244	-0.255	-0.294	-0.127	0.038	0.1500
0.2500	0.025	-0.036	-0.167	-0.136	-0.139	-0.165	0.021	-0.023	-0.075	-0.089	-0.151	-0.204			-0.259	0.064	0.2500
0.3500	0.010	-0.218	-0.158	-0.135	-0.146	0.035	-0.061	-0.031	-0.076	-0.103	-0.170	-0.241	-0.244	-0.285	-0.137	0.039	0.3500
0.4500	-0.015	0.556	-0.374	-0.325	-0.289	-0.006	-0.088	-0.001	-0.026	-0.137	-0.196	-0.228	-0.249	-0.177	-0.110	-0.043	0.4500
0.5500	0.081	0.563	0.501	0.132	-0.070	-0.057	-0.103	-0.089	0.078	0.127	0.167	0.188	0.156	0.105	-0.033	-0.045	0.5500
0.6500	0.258	0.280	0.474	0.386	0.179	-0.012	-0.069	-0.031	-0.013	0.079	0.169	0.196	0.164	0.160	0.023	-0.042	0.6500
0.7500	0.320	0.265	0.457	0.405	0.219	0.051	0.014	-0.006	0.027	0.050	0.164	0.200	0.165	0.148	0.083	-0.015	0.7500
0.8500	0.263	0.293	0.467	0.392	0.188	-0.007	-0.080	-0.033	-0.023	0.068	0.161	0.202	0.163	0.140	0.038	-0.031	0.8500
0.9500	0.099	0.453	0.516	0.210	-0.055	-0.064	-0.101	-0.094	0.070	0.126	0.162	0.190	0.132	0.113	-0.023	-0.037	0.9500
								M = 1.300		α= 15.87							
0.0500	-0.112	0.704	-0.418	-0.484	-0.423	-0.093	-0.138	-0.079	-0.094	-0.188	-0.263	-0.294	-0.309	-0.216	-0.134	-0.006	0.0500
0.1500	-0.074	-0.190	-0.159	-0.158	-0.186	-0.002	-0.111	-0.098	-0.106	-0.150	-0.259	-0.304	-0.301	-0.361	-0.113	0.027	0.1500
0.2500	-0.003	-0.137	-0.180	-0.158	-0.180	-0.138	-0.052	-0.088	-0.113	-0.115	-0.224	-0.275			-0.271	0.065	0.2500
0.3500	-0.073	-0.208	-0.157	-0.163	-0.172	-0.042	-0.090	-0.103	-0.112	-0.145	-0.253	-0.302	-0.301	-0.359	-0.120	0.033	0.3500
0.4500	-0.100	0.707	-0.471	-0.491	-0.412	-0.097	-0.112	-0.085	-0.105	-0.200	-0.264	-0.286	-0.301	-0.221	-0.132	0.013	0.4500
0.5500	-0.009	0.659	0.617	0.167	-0.291	-0.107	-0.111	-0.078	0.112	0.188	0.256	0.256	0.255	0.189	-0.044	-0.020	0.5500
0.6500	0.140	0.514	0.581	0.451	0.250	-0.088	-0.083	-0.026	0.002	0.137	0.269	0.268	0.261	0.244	0.065	-0.008	0.6500
0.7500	0.353	0.408	0.579	0.459	0.329	0.037	-0.001	0.016	0.072	0.088	0.270	0.266	0.261	0.262	0.128	0.027	0.7500
0.8500	0.310	0.392	0.580	0.466	0.268	-0.044	-0.069	-0.048	0.008	0.121	0.264	0.268	0.258	0.244	0.067	-0.010	0.8500
0.9500	0.176	0.527	0.591	0.309	-0.263	-0.137	-0.147	-0.069	0.105	0.187	0.247	0.253	0.243	0.201	-0.036	-0.037	0.9500
								M = 1.498		α= 03.73							
0.0500	0.065	0.292	-0.053	-0.067	-0.096	0.101	-0.013	-0.017	0.095	0.059	-0.029	-0.072	-0.098	-0.084	-0.041	-0.036	0.0500
0.1500	0.076	-0.001	-0.060	-0.045	-0.056	-0.075	-0.004	-0.003	0.006	0.044	-0.003	-0.071	-0.080	-0.109	-0.101	-0.041	0.1500
0.2500	0.069	0.006	-0.039	-0.045	-0.050	-0.068	0.016	0.014	-0.004	0.025	0.031	-0.070			-0.132	-0.030	0.2500
0.3500	0.070	-0.012	-0.065	-0.050	-0.058	-0.067	-0.005	0.012	0.008	0.028	0.007	-0.068	-0.072	-0.091	-0.113	-0.055	0.3500
0.4500	0.081	0.307	-0.060	-0.063	-0.096	0.104	-0.013	-0.016	0.094	0.045	-0.020	-0.071	-0.093	-0.116	-0.055	-0.048	0.4500
0.5500	0.106	0.254	0.256	-0.006	-0.027	-0.004	-0.045	-0.015	0.032	-0.031	-0.007	0.004	0.001	-0.018	-0.028	-0.040	0.5500
0.6500	0.145	0.134	0.210	0.194	0.081	0.060	-0.030	-0.018	-0.013	-0.015	-0.042	0.022	0.010	0.005	-0.023	-0.035	0.6500
0.7500	0.157	0.104	0.173	0.191	0.136	0.048	0.003	-0.035	-0.018	-0.016	-0.040	0.029	0.025	0.006	-0.019	-0.036	0.7500
0.8500	0.152	0.134	0.212	0.197	0.086	0.063	-0.029	-0.028	-0.025	-0.014	-0.046	0.028	0.020	-0.002	-0.024	-0.034	0.8500
0.9500	0.117	0.157	0.253	0.096	-0.026	0.011	-0.045	-0.014	0.003	-0.046	0.004	-0.004	0.008	-0.019	-0.027	-0.034	0.9500
								M = 1.697		α= 03.88							
0.0500	0.078	0.340	-0.035	-0.041	-0.060	0.123	0.010	-0.001	0.084	0.062	-0.028	-0.083	-0.102	-0.103	-0.057	-0.061	0.0500
0.1500	0.112	0.020	-0.030	-0.036	-0.015	-0.050	0.020	0.008	0.006	0.024	0.002	-0.067	-0.082	-0.117	-0.105	-0.075	0.1500
0.2500	0.066	0.033	-0.005	-0.032	-0.012	-0.047	-0.025	0.028	0.010	-0.008	0.020	-0.056			-0.134	-0.068	0.2500
0.3500	0.090	0.017	-0.032	-0.039	-0.015	-0.049	0.024	0.006	0.005	0.021	0.008	-0.069	-0.075	-0.118	-0.108	-0.086	0.3500
0.4500	0.107	0.345	-0.048	-0.040	-0.064	0.126	0.020		0.080	0.049	-0.027	-0.076	-0.096	-0.111	-0.054	-0.065	0.4500
0.5500	0.138	0.269	0.259	0.044	-0.033	0.056	-0.029	-0.011	0.033	-0.035	-0.031	0.010	-0.007	-0.009	-0.038	-0.052	0.5500
0.6500	0.169	0.132	0.190	0.184	0.095	0.044	0.008	-0.003	-0.015	-0.008	-0.040	0.004	-0.003	-0.004	-0.026	-0.048	0.6500
0.7500	0.180	0.115	0.154	0.174	0.149	0.053	0.033	-0.015	-0.014	-0.015	-0.015	0.001	0.004	-0.010	-0.022	-0.038	0.7500
0.8500	0.166	0.125	0.197	0.180	0.100	0.047	0.011	-0.008	-0.012	-0.008	-0.048	0.007	-0.001	-0.015	-0.027	-0.039	0.8500
0.9500	0.138	0.162	0.273	0.088	-0.018	0.054	-0.034	-0.015	0.027	-0.027	-0.038	0.012	-0.013	-0.017	-0.036	-0.051	0.9500
								M = 1.904		α= 04.08							
0.0500	0.064	0.330	-0.062	-0.052	-0.066	0.017	0.023	0.004	0.051	0.035	-0.033	-0.075	-0.088	-0.094	-0.045	-0.052	0.0500
0.1500	0.080	0.002	-0.036	-0.041	-0.050	-0.056	0.016	-0.004	-0.005	0.017	-0.005	-0.056	-0.065	-0.102	-0.095	-0.073	0.1500
0.2500	0.039	0.023	-0.011	-0.042	-0.047	-0.044	-0.050	0.022	0.007	-0.010	0.010	-0.042			-0.119	-0.079	0.2500
0.3500	0.059	0.005	-0.034	-0.046	-0.048	-0.050	0.022	-0.006		0.020	-0.003	-0.054	-0.063	-0.102	-0.101	-0.080	0.3500
0.4500	0.076	0.326	-0.067	-0.054	-0.064	-0.001	0.018	0.009	0.052	0.031	-0.038	-0.075	-0.078	-0.099	-0.046	-0.055	0.4500
0.5500	0.111	0.277	0.266	0.038	-0.040	0.028	-0.020	0.015	0.054	-0.006	-0.009	0.008	-0.004	0.001	-0.029	-0.040	0.5500
0.6500	0.152	0.121	0.153	0.160	0.107	0.058	0.037	-0.014	-0.010	-0.007	-0.020	0.009	0.003	-0.005	-0.017	-0.033	0.6500
0.7500	0.172	0.115	0.148	0.153	0.151	0.081	0.052	0.006	-0.026	-0.016	-0.003	-0.002	0.005	-0.006	-0.013	-0.024	0.7500
0.8500	0.160	0.109	0.146	0.164	0.112	0.064	0.034	-0.020	-0.005	-0.005	-0.022	0.003	-0.001	-0.006	-0.021	-0.031	0.8500
0.9500	0.125	0.137	0.252	0.078	-0.044	0.034	-0.027	-0.002	0.037	-0.001	-0.009	0.007	-0.004	-0.008	-0.033	-0.041	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(c) BVWC $\delta = 9.6^{\circ}$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 2.225		α=-03.78								
0.0500	0.102	0.145	0.018	0.012	0.004	-0.029	0.012	0.011	0.060	0.059	0.029	0.017	0.000	0.007	-0.027	-0.034	0.0500
0.1500	0.144	0.078	0.063	0.041	0.030	0.024	0.013		0.007	0.012	0.021	0.027	0.016	0.000	-0.023	-0.034	0.1500
0.2500	0.141	0.093	0.073	0.054	0.043	0.035	0.028	0.017	-0.003	-0.008	0.027	0.030			-0.027	-0.021	0.2500
0.3500	0.129	0.073	0.060	0.042	0.030	0.025	0.020		0.013	0.006	0.030	0.023	0.019	-0.002	-0.026	-0.039	0.3500
0.4500	0.104	0.146	0.014	0.010	0.001	-0.030	0.011	0.006	0.055	0.057	0.028	0.016	0.005	0.002	-0.028	-0.034	0.4500
0.5500	0.078	0.273	0.074	0.001	-0.014	0.004	0.009	-0.008	0.007	-0.034	-0.045	-0.043	-0.052	-0.047	-0.033	-0.036	0.5500
0.6500	0.065	0.038	0.038	0.029	0.004	0.009	0.004	-0.005	0.003	-0.005	-0.027	-0.038	-0.047	-0.051	-0.058	-0.047	0.6500
0.7500	0.062	0.031	0.038	0.046	0.029	0.000	-0.003	0.005	-0.006	-0.009	-0.015	-0.037	-0.044	-0.050	-0.061	-0.061	0.7500
0.8500	0.065	0.035	0.037	0.031	0.004	0.009	0.007	-0.007	-0.005	-0.011	-0.031	-0.038	-0.048	-0.055	-0.058	-0.046	0.8500
0.9500	0.077	0.065	0.073	0.008	-0.014	0.001	0.013	-0.003	0.004	-0.036	-0.039	-0.042	-0.049	-0.058	-0.034	-0.038	0.9500
							M = 2.228		α= 00.35								
0.0500	0.091	0.234	0.014	-0.009	-0.019	-0.031	0.038	0.007	0.043	0.038	0.007	-0.021	-0.036	-0.027	-0.034	-0.039	0.0500
0.1500	0.107	0.042	0.021	0.005	-0.002	-0.009	-0.016	0.010	-0.007	0.003	0.006	-0.003	-0.019	-0.032	-0.054	-0.053	0.1500
0.2500	0.090	0.054	0.030	0.012	0.002	-0.002	-0.009	-0.017	-0.007	-0.012	0.016	0.009			-0.060	-0.050	0.2500
0.3500	0.091	0.036	0.017	0.007	-0.003	-0.009	-0.006	0.011	-0.001		0.014	-0.007	-0.017	-0.035	-0.056	-0.058	0.3500
0.4500	0.093	0.233	-0.004	-0.011	-0.023	-0.028	0.040	0.003	0.037	0.037	0.002	-0.021	-0.031	-0.033	-0.034	-0.039	0.4500
0.5500	0.096	0.291	0.155	0.005	-0.036	0.012	0.004	-0.010	0.022	-0.022	-0.044	-0.027	-0.032	-0.030	-0.029	-0.034	0.5500
0.6500	0.100	0.060	0.076	0.079	0.050	0.032	0.021	-0.005	-0.003	0.001	-0.029	-0.029	-0.031	-0.034	-0.042	-0.044	0.6500
0.7500	0.104	0.053	0.072	0.092	0.080	0.038	0.015	0.008	-0.006	-0.019	-0.012	-0.037	-0.028	-0.030	-0.040	-0.048	0.7500
0.8500	0.102	0.059	0.076	0.075	0.052	0.031	0.020	-0.001	-0.008	-0.004	-0.029	-0.025	-0.031	-0.037	-0.042	-0.041	0.8500
0.9500	0.097	0.091	0.154	0.026	-0.039	0.015	0.004	-0.006	0.021	-0.025	-0.048	-0.024	-0.031	-0.041	-0.030	-0.034	0.9500
							M = 2.228		α= 04.28								
0.0500	0.073	0.339	-0.043	-0.034	-0.034	-0.024	0.030	-0.003	0.023	0.005	-0.043	-0.058	-0.071	-0.059	-0.040	-0.042	0.0500
0.1500	0.076	0.003	-0.020	-0.026	-0.030	-0.035	-0.014	-0.006	-0.024	-0.013	-0.016	-0.033	-0.055	-0.065	-0.084	-0.068	0.1500
0.2500	0.053	0.024	-0.002	-0.021	-0.029	-0.031	-0.038	-0.022	-0.008	-0.019	-0.005	-0.020			-0.090	-0.078	0.2500
0.3500	0.056	0.002	-0.022	-0.027	-0.032	-0.035	-0.001	-0.006	-0.018	-0.015	-0.009	-0.037	-0.053	-0.067	-0.085	-0.072	0.3500
0.4500	0.071	0.346	-0.051	-0.037	-0.042	-0.022	0.030	-0.002	0.015	0.001	-0.045	-0.057	-0.064	-0.065	-0.038	-0.043	0.4500
0.5500	0.103	0.312	0.258	0.049	-0.034	0.033	0.006	-0.006	0.025	0.009	-0.015	0.008	0.003	0.004	-0.025	-0.028	0.5500
0.6500	0.140	0.093	0.124	0.140	0.109	0.056	0.038	-0.001	-0.018		-0.012	0.001	0.003	0.003	-0.011	-0.025	0.6500
0.7500	0.158	0.104	0.110	0.158	0.139	0.095	0.039	0.022	-0.001	-0.019	-0.002	-0.017	0.008	0.006	-0.004	-0.019	0.7500
0.8500	0.143	0.094	0.128	0.145	0.107	0.057	0.035	0.003	-0.018	-0.004	-0.014	0.004	0.003		-0.010	-0.024	0.8500
0.9500	0.107	0.120	0.250	0.074	-0.029	0.029	0.006	-0.009	0.028	0.006	-0.023	0.009	0.004	-0.004	-0.024	-0.029	0.9500
							M = 2.235		α= 08.35								
0.0500	0.048	0.460	-0.106	-0.062	-0.060	0.041	-0.009	-0.028	-0.013	-0.052	-0.101	-0.084	-0.097	-0.076	-0.053	-0.055	0.0500
0.1500	0.043	-0.031	-0.049	-0.047	-0.049	-0.054	-0.006	-0.030	-0.039	-0.031	-0.057	-0.068	-0.094	-0.092	-0.102	-0.070	0.1500
0.2500	0.027	0.007	-0.023	-0.045	-0.050	-0.053	-0.056	-0.006	-0.016	-0.028	-0.024	-0.054			-0.110	-0.098	0.2500
0.3500	0.024	-0.032	-0.050	-0.048	-0.052	-0.052	0.004	-0.033	-0.031	-0.031	-0.048	-0.074	-0.091	-0.092	-0.105	-0.074	0.3500
0.4500	0.041	0.460	-0.105	-0.067	-0.068	0.043	-0.007	-0.030	-0.010	-0.059	-0.097	-0.085	-0.090	-0.083	-0.054	-0.054	0.4500
0.5500	0.112	0.333	0.349	0.114	-0.033	0.067	0.007	-0.026	0.017	0.041	0.058	0.051	0.052	0.052	-0.016	-0.023	0.5500
0.6500	0.204	0.132	0.193	0.206	0.167	0.085	0.048	0.017	-0.014	-0.017	0.042	0.051	0.051	0.049	0.033	-0.001	0.6500
0.7500	0.246	0.165	0.167	0.226	0.219	0.154	0.084	0.050	0.027	0.006	0.011	0.046	0.056	0.051	0.041	0.019	0.7500
0.8500	0.208	0.134	0.195	0.204	0.177	0.085	0.054	0.015	-0.012	-0.020	0.039	0.052	0.053	0.046	0.033	0.003	0.8500
0.9500	0.118	0.150	0.333	0.156	-0.032	0.071	0.000	-0.028	0.010	0.043	0.047	0.051	0.054	0.042	-0.015	-0.023	0.9500
							M = 2.235		α= 12.29								
0.0500	0.002	0.585	-0.146	-0.099	-0.089	0.034	-0.042	-0.058	-0.050	-0.101	-0.129	-0.105	-0.119	-0.093	-0.071	-0.068	0.0500
0.1500	0.010	-0.097	-0.058	-0.066	-0.066	-0.075	-0.028	-0.060	-0.055	-0.051	-0.102	-0.101	-0.124	-0.115	-0.103	-0.085	0.1500
0.2500	0.004	-0.008	-0.039	-0.067	-0.070	-0.069	-0.057	-0.015	-0.040	-0.043	-0.054	-0.092			-0.133	-0.097	0.2500
0.3500	-0.007	-0.104	-0.064	-0.063	-0.068	-0.072	-0.022	-0.062	-0.045	-0.051	-0.092	-0.108	-0.123	-0.115	-0.107	-0.088	0.3500
0.4500	-0.001	0.572	-0.144	-0.105	-0.096	0.036	-0.040	-0.059	-0.052	-0.103	-0.125	-0.104	-0.110	-0.101	-0.071	-0.069	0.4500
0.5500	0.114	0.353	0.295	0.180	-0.068	0.015	-0.026	-0.074	-0.047	0.036	0.109	0.111	0.105	0.101	0.001	-0.020	0.5500
0.6500	0.263	0.188	0.262	0.304	0.245	0.127	0.064	0.024	-0.001	-0.007	0.090	0.100	0.107	0.101	0.086	0.032	0.6500
0.7500	0.335	0.248	0.232	0.308	0.300	0.217	0.144	0.098	0.062	0.053	0.033	0.104	0.113	0.104	0.093	0.067	0.7500
0.8500	0.269	0.191	0.262	0.303	0.250	0.130	0.069	0.025	0.008	-0.009	0.090	0.109	0.109	0.102	0.087	0.035	0.8500
0.9500	0.118	0.178	0.284	0.242	-0.067	0.020	-0.029	-0.071	-0.048	0.027	0.105	0.106	0.107	0.096	-0.002	-0.018	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(c) BVWC $\delta = 9.6°$ - Concluded

	Fraction of body length, x/l																
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
	M = 2.232 α = 16.26																
0.0500	-0.044	0.710	-0.166	-0.133	-0.123	-0.041	-0.091	-0.095	-0.119	-0.139	-0.157	-0.125	-0.139	-0.109	-0.087	-0.085	0.0500
0.1500	-0.023	-0.147	-0.073	-0.085	-0.083	-0.086	-0.068	-0.082	-0.089	-0.085	-0.121	-0.121	-0.147	-0.134	-0.108	-0.107	0.1500
0.2500	-0.011	-0.026	-0.062	-0.089	-0.085	-0.079	-0.043	-0.044	-0.065	-0.077	-0.086	-0.109			-0.153	-0.078	0.2500
0.3500	-0.043	-0.152	-0.068	-0.081	-0.080	-0.082	-0.058	-0.084	-0.081	-0.085	-0.111	-0.130	-0.147	-0.134	-0.109	-0.107	0.3500
0.4500	-0.045	0.684	-0.162	-0.138	-0.136	-0.041	-0.087	-0.095	-0.114	-0.142	-0.151	-0.124	-0.131	-0.116	-0.089	-0.086	0.4500
0.5500	0.119	0.376	0.340	0.248	-0.081	-0.048	-0.085	-0.107	-0.072	0.058	0.088	0.158	0.161	0.160	0.028	-0.010	0.5500
0.6500	0.330	0.244	0.343	0.412	0.335	0.190	0.117	0.064	0.041	0.029	0.112	0.164	0.182	0.168	0.148	0.072	0.6500
0.7500	0.430	0.335	0.310	0.404	0.389	0.290	0.216	0.159	0.128	0.115	0.086	0.158	0.185	0.166	0.158	0.124	0.7500
0.8500	0.335	0.251	0.345	0.411	0.337	0.185	0.118	0.070	0.046	0.025	0.112	0.162	0.176	0.168	0.144	0.075	0.8500
0.9500	0.124	0.216	0.303	0.326	-0.084	-0.049	-0.081	-0.101	-0.073	0.046	0.089	0.156	0.163	0.154	0.027	-0.010	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(d) BV_5W

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M= 0.689		α=-04.33								
0.0500	0.058	0.026	-0.021	-0.026	-0.035	-0.044	-0.047	-0.028	0.075	0.027	-0.015	-0.011	0.001	0.021	0.021	0.070	0.0500
0.1500	0.097	0.035	0.024	-0.007	-0.012	-0.020	-0.022	-0.012	0.009	0.005	-0.020	-0.014	0.022	0.007	0.021	0.081	0.1500
0.2500	0.116	0.059	0.032	0.012	-0.003	-0.010	-0.010	-0.002	0.002	-0.007	-0.019	-0.022		-0.125	-0.042	0.075	0.2500
0.3500	0.102	0.059	0.032	0.003	-0.005	-0.006	-0.011	-0.003	0.012		-0.020	-0.030	-0.109	-0.095	-0.036	0.053	0.3500
0.4500	0.066	0.031	-0.003	-0.021	-0.033	-0.035	-0.032	-0.010	0.073	0.021	-0.020	-0.035	-0.086	-0.053	-0.020	0.050	0.4500
0.5500	0.038	0.042	-0.023	-0.042	-0.046	-0.042	-0.052	-0.025	-0.109	-0.178	-0.186	-0.166	-0.121	-0.032	-0.013	0.050	0.5500
0.6500	0.020	-0.009	-0.030	-0.051	-0.051	-0.054	-0.057	-0.043	-0.086	-0.130	-0.156	-0.150	-0.116	-0.045	-0.011	0.051	0.6500
0.7500	0.018	-0.014	-0.031	-0.044	-0.051	-0.053	-0.052	-0.052	-0.081	-0.119	-0.146	-0.142	-0.109	-0.042	-0.007		0.7500
0.8500	0.017	-0.014	-0.031	-0.048	-0.052	-0.052	-0.057	-0.050	-0.087	-0.131	-0.161	-0.153	-0.117	-0.029	0.001	0.058	0.8500
0.9500	0.025	-0.010	-0.025	-0.047	-0.051	-0.055	-0.057	-0.045	-0.110	-0.176	-0.186	-0.174	-0.130	-0.005	0.015	0.064	0.9500
							M= 0.690		α=-00.25								
0.0500	0.045	0.009	-0.026	-0.038	-0.042	-0.046	-0.051	-0.033	-0.015	-0.080	-0.107	-0.088	-0.047	0.005	0.013	0.064	0.0500
0.1500	0.046	0.009	-0.016	-0.037	-0.040	-0.042	-0.048	-0.039	-0.044	-0.068	-0.097	-0.082	-0.017	-0.009	0.009	0.069	0.1500
0.2500	0.046	0.006	-0.018	-0.039	-0.043	-0.044	-0.052	-0.043	-0.050	-0.074	-0.093	-0.087		-0.148	-0.057	0.062	0.2500
0.3500	0.046	0.006	-0.016	-0.039	-0.046	-0.042	-0.050	-0.042	-0.042	-0.072	-0.098	-0.098	-0.153	-0.116	-0.052	0.040	0.3500
0.4500	0.046	0.007	-0.016	-0.036	-0.043	-0.044	-0.048	-0.034	-0.018	-0.084	-0.109	-0.113	-0.133	-0.066	-0.030	0.038	0.4500
0.5500	0.051	0.063	-0.014	-0.034	-0.040	-0.042	-0.049	-0.031	-0.008	-0.078	-0.105	-0.110	-0.087	-0.035	-0.021	0.042	0.5500
0.6500	0.051	0.010	-0.012	-0.036	-0.041	-0.044	-0.046	-0.037	-0.038	-0.069	-0.094	-0.100	-0.085	-0.043	-0.016	0.049	0.6500
0.7500	0.053	0.007	-0.010	-0.034	-0.043	-0.046	-0.044	-0.039	-0.048	-0.072	-0.089	-0.098	-0.081	-0.040	-0.010		0.7500
0.8500	0.050	0.008	-0.012	-0.037	-0.042	-0.045	-0.049	-0.037	-0.041	-0.067	-0.098	-0.101	-0.085	-0.027	-0.002	0.057	0.8500
0.9500	0.045	0.003	-0.012	-0.039	-0.042	-0.045	-0.047	-0.031	-0.013	-0.077	-0.105	-0.111	-0.093	-0.007	0.009	0.063	0.9500
							M = 0.690		α= 03.83								
0.0500	0.029	0.013	-0.037	-0.038	-0.052	-0.055	-0.061	-0.046	-0.110	-0.173	-0.182	-0.139	-0.073	0.018	0.025	0.071	0.0500
0.1500	0.027	-0.015	-0.036	-0.049	-0.053	-0.057	-0.058	-0.053	-0.086	-0.128	-0.161	-0.128	-0.042	-0.006	0.020	0.075	0.1500
0.2500	0.016	-0.015	-0.036	-0.049	-0.053	-0.052	-0.056	-0.053	-0.080	-0.116	-0.144	-0.126		-0.147	-0.046	0.064	0.2500
0.3500	0.012	-0.018	-0.038	-0.053	-0.057	-0.052	-0.061	-0.055	-0.086	-0.131	-0.159	-0.144	-0.183	-0.120	-0.050	0.042	0.3500
0.4500	0.023	-0.018	-0.034	-0.054	-0.057	-0.058	-0.062	-0.051	-0.117	-0.177	-0.183	-0.161	-0.165	-0.064	-0.026	0.042	0.4500
0.5500	0.046	0.057	-0.008	-0.041	-0.039	-0.049	-0.053	-0.036	0.034	0.026	-0.010	-0.030	-0.032	-0.019	-0.012	0.050	0.5500
0.6500	0.092	0.052	0.021	-0.020	-0.014	-0.022	-0.022	-0.012	0.017	0.007	-0.010	-0.027	-0.034	-0.022	-0.006	0.058	0.6500
0.7500	0.114	0.059	0.042	0.003	-0.002	-0.008	-0.006	0.000	0.009		-0.012	-0.028	-0.034	-0.017			0.7500
0.8500	0.113	0.052	0.036	0.010	-0.007	-0.013	-0.017	0.001	0.012	0.009	-0.018	-0.028	-0.034	-0.005	0.012	0.072	0.8500
0.9500	0.076	0.021	0.004	-0.030	-0.030	-0.037	-0.040	-0.022	0.079	0.031	-0.011	-0.035	-0.039	0.011	0.022	0.072	0.9500
							M = 0.694		α= 07.56								
0.0500	-0.030	-0.057	-0.094	-0.102	-0.111	-0.100	-0.117	-0.104	-0.246	-0.305	-0.284	-0.213	-0.112	0.010	0.024	0.065	0.0500
0.1500	-0.030	-0.065	-0.082	-0.091	-0.087	-0.106	-0.107	-0.100	-0.151	-0.217	-0.255	-0.207	-0.095	-0.029	0.009	0.071	0.1500
0.2500	-0.037	-0.056	-0.073	-0.073	-0.086	-0.077	-0.082	-0.091	-0.125	-0.187	-0.217	-0.186		-0.165	-0.065	0.063	0.2500
0.3500	-0.032	-0.052	-0.069	-0.091	-0.073	-0.085	-0.090	-0.091	-0.150	-0.220	-0.255	-0.219	-0.233	-0.132	-0.057	0.025	0.3500
0.4500	-0.038	-0.070	-0.090	-0.108	-0.094	-0.105	-0.115	-0.106	-0.261	-0.305	-0.282	-0.234	-0.207	-0.075	-0.036	0.026	0.4500
0.5500	0.010	0.033	-0.054	-0.070	-0.112	-0.083	-0.093	-0.073	0.149	0.126	0.064	0.029	0.005	-0.017	-0.016	0.045	0.5500
0.6500	0.111	0.066	0.034	0.005	-0.069	-0.024	-0.034	-0.007	0.053	0.071	0.063	0.032	0.005	-0.010	-0.005	0.056	0.6500
0.7500	0.169	0.105	0.080	0.036	-0.003	0.015	0.023	0.031	0.065	0.064	0.060	0.029	0.005	-0.003	0.003		0.7500
0.8500	0.139	0.073	0.061	0.015	-0.012	-0.004	-0.018	0.007	0.048	0.070	0.055	0.029	0.005	0.006	0.015	0.073	0.8500
0.9500	0.042	-0.006	-0.040	-0.074	-0.061	-0.073	-0.085	-0.060	0.134	0.125	0.061	0.018	-0.003	0.013	0.021	0.073	0.9500
							M = 0.693		α= 11.74								
0.0500	-0.121	-0.150	-0.187	-0.186	-0.189	-0.193	-0.198	-0.195	-0.459	-0.488	-0.408	-0.302	-0.160	-0.003	0.023	0.077	0.0500
0.1500	-0.098	-0.116	-0.120	-0.124	-0.128	-0.132	-0.125	-0.153	-0.238	-0.350	-0.394	-0.319	-0.195	-0.035	0.005	0.073	0.1500
0.2500	-0.071	-0.071	-0.088	-0.087	-0.092	-0.087	-0.093	-0.113	-0.179	-0.272	-0.305	-0.253		-0.177	-0.071	0.066	0.2500
0.3500	-0.095	-0.109	-0.108	-0.116	-0.107	-0.105	-0.113	-0.134	-0.240	-0.345	-0.388	-0.337	-0.323	-0.139	-0.057	0.033	0.3500
0.4500	-0.125	-0.157	-0.171	-0.184	-0.186	-0.173	-0.197	-0.186	-0.479	-0.492	-0.415	-0.320	-0.253	-0.086	-0.045	0.016	0.4500
0.5500	-0.046	-0.036	-0.114	-0.149	-0.148	-0.164	-0.166	-0.141	0.218	0.229	0.147	0.099	0.054	-0.010	-0.004	0.049	0.5500
0.6500	0.153	0.087	0.058	0.020	0.009	0.004	-0.005	0.018	0.110	0.147	0.148	0.106	0.058	0.010	0.006	0.063	0.6500
0.7500	0.250	0.136	0.139	0.099	0.082	0.035	0.078	0.069	0.144	0.157	0.148	0.104	0.059	0.019	0.017		0.7500
0.8500	0.177	0.103	0.066	0.033	0.017	0.001	-0.004	0.043	0.095	0.144	0.139	0.104	0.056	0.027	0.027	0.084	0.8500
0.9500	-0.022	-0.079	-0.098	-0.143	-0.145	-0.147	-0.156	-0.130	0.201	0.229	0.141	0.089	0.047	0.024	0.032	0.082	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(d) BV_5W - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 0.693		α= 15.76								
0.0500	-0.245	-0.268	-0.298	-0.287	-0.299	-0.292	-0.309	-0.307	-0.707	-0.734	-0.614	-0.441	-0.248	-0.010	0.024	0.069	0.0500
0.1500	-0.211	-0.193	-0.163	-0.196	-0.162	-0.180	-0.194	-0.216	-0.360	-0.498	-0.556	-0.524	-0.306	-0.088	-0.028	0.046	0.1500
0.2500	-0.109	-0.096	-0.144	-0.152	-0.122	-0.115	-0.143	-0.168	-0.268	-0.381	-0.408	-0.335		-0.214	-0.102	0.036	0.2500
0.3500	-0.199	-0.144	-0.152	-0.144	-0.155	-0.129	-0.161	-0.201	-0.357	-0.504	-0.557	-0.546	-0.403	-0.162	-0.073	0.023	0.3500
0.4500	-0.248	-0.276	-0.279	-0.284	-0.307	-0.307	-0.290	-0.303	-0.725	-0.735	-0.615	-0.458	-0.341	-0.080	-0.017	0.040	0.4500
0.5500	-0.132	-0.126	-0.211	-0.243	-0.258	-0.255	-0.271	-0.233	0.254	0.302	0.224	0.153	0.090		-0.007	0.052	0.5500
0.6500	0.160	0.089	0.057	0.019		-0.007	-0.001	0.023	0.125	0.195	0.211	0.157	0.093	0.013	0.004	0.062	0.6500
0.7500	0.324	0.234	0.205	0.161	0.126	0.130	0.127	0.161	0.204	0.228	0.218	0.159	0.095	0.030	0.021		0.7500
0.8500	0.201	0.096	0.084	0.028	0.037	0.016	0.089	0.026	0.112	0.194	0.199	0.156	0.091	0.030	0.027	0.087	0.8500
0.9500	-0.119	-0.177	-0.200	-0.242	-0.245	-0.252	-0.255	-0.235	0.233	0.305	0.220	0.142	0.080	0.027	0.034	0.086	0.9500
							M = 0.905		α= 03.69								
0.0500	0.030	-0.015	-0.054	-0.072	-0.073	-0.078	-0.083	-0.057	-0.092	-0.187	-0.227	-0.235	-0.124	-0.001	0.017	0.073	0.0500
0.1500	0.012	-0.025	-0.053	-0.074	-0.076	-0.076	-0.079	-0.061	-0.081	-0.141	-0.207	-0.223	-0.089	-0.025	0.015	0.076	0.1500
0.2500	0.008	-0.028	-0.052	-0.072	-0.075	-0.074	-0.075	-0.058	-0.079	-0.134	-0.197	-0.216		-0.172	-0.063	0.066	0.2500
0.3500	0.011	-0.027	-0.052	-0.075	-0.080	-0.075	-0.079	-0.063	-0.082	-0.146	-0.203	-0.224	-0.232	-0.138	-0.064	0.044	0.3500
0.4500	0.025	-0.020	-0.047	-0.073	-0.077	-0.079	-0.083	-0.059	-0.103	-0.190	-0.224	-0.236	-0.222	-0.081	-0.041	0.042	0.4500
0.5500	0.060	0.072	-0.022	-0.052	-0.058	-0.064	-0.072	-0.047	0.082	0.010	-0.043	-0.069	-0.067	-0.037	-0.024	0.054	0.5500
0.6500	0.098	0.040	0.010	-0.024	-0.034	-0.038	-0.046	-0.028	0.010	-0.009	-0.042	-0.067	-0.071	-0.040	-0.018	0.063	0.6500
0.7500	0.120	0.054	0.025	-0.009	-0.023	-0.028	-0.036	-0.020	0.001	-0.017	-0.043	-0.067	-0.069	-0.033	-0.011		0.7500
0.8500	0.101	0.039	0.011	-0.025	-0.035	-0.040	-0.049	-0.027	0.004	-0.008	-0.047	-0.067	-0.073	-0.020	0.002	0.073	0.8500
0.9500	0.060	0.006	-0.020	-0.057	-0.060	-0.064	-0.070	-0.049	0.075	0.011	-0.047	-0.076	-0.078		0.013	0.074	0.9500
							M = 0.952		α= 03.73								
0.0500	0.045	-0.004	-0.049	-0.073	-0.076	-0.079	-0.090	-0.046	-0.059	-0.169	-0.227	-0.255	-0.204	0.014	0.040	0.093	0.0500
0.1500	0.029	-0.015	-0.047	-0.075	-0.078	-0.077	-0.085	-0.045	-0.054	-0.129	-0.207	-0.243	-0.159	-0.011	0.039	0.099	0.1500
0.2500	0.026	-0.017	-0.047	-0.072	-0.077	-0.074	-0.079	-0.041	-0.051	-0.119	-0.190	-0.239		-0.237	-0.017	0.090	0.2500
0.3500	0.028	-0.017	-0.047	-0.075	-0.082	-0.076	-0.083	-0.047	-0.054	-0.134	-0.207	-0.244	-0.267	-0.223	-0.020	0.073	0.3500
0.4500	0.041	-0.009	-0.040	-0.073	-0.080	-0.080	-0.090	-0.049	-0.070	-0.177	-0.227	-0.255	-0.252	-0.135	-0.006	0.073	0.4500
0.5500	0.078	0.086	-0.015	-0.051	-0.063	-0.064	-0.078	-0.042	0.106	0.022	-0.044	-0.085	-0.097	-0.058	0.002	0.080	0.5500
0.6500	0.115	0.050	0.016	-0.023	-0.036	-0.039	-0.054	-0.024	0.035	0.006	-0.041	-0.082	-0.100	-0.049	0.001	0.089	0.6500
0.7500	0.137	0.065	0.032	-0.008	-0.025	-0.029	-0.043	-0.017	0.025	-0.001	-0.042	-0.084	-0.100	-0.034	0.006		0.7500
0.8500	0.118	0.050	0.017	-0.024	-0.038	-0.041	-0.056	-0.023	0.027	0.007	-0.047	-0.085	-0.104	-0.014	0.019	0.097	0.8500
0.9500	0.077	0.016	-0.013	-0.059	-0.063	-0.065	-0.077	-0.043	0.100	0.024	-0.046	-0.092	-0.112	0.009	0.032	0.095	0.9500
							M = 0.998		α= 03.83								
0.0500	0.095	0.036	-0.014	-0.043	-0.064	-0.066	-0.082	-0.075	-0.024	-0.111	-0.158	-0.209	-0.225	-0.121	-0.035	0.064	0.0500
0.1500	0.078	0.027	-0.016	-0.044	-0.067	-0.064	-0.077	-0.071	-0.018	-0.074	-0.136	-0.198	-0.169	-0.183	-0.035	0.071	0.1500
0.2500	0.075	0.024	-0.014	-0.043	-0.064	-0.062	-0.072	-0.066	-0.011	-0.064	-0.123	-0.196		-0.394	-0.176	0.049	0.2500
0.3500	0.078	0.025	-0.013	-0.046	-0.070	-0.061	-0.077	-0.075	-0.018	-0.077	-0.136	-0.200	-0.260	-0.380	-0.202	0.033	0.3500
0.4500	0.091	0.035	-0.008	-0.043	-0.068	-0.066	-0.082	-0.079	-0.034	-0.115	-0.156	-0.209	-0.243	-0.313	-0.180	0.014	0.4500
0.5500	0.127	0.127	0.018	-0.022	-0.048	-0.050	-0.069	-0.071	0.136	0.072	0.014	-0.055	-0.091	-0.161	-0.149	0.019	0.5500
0.6500	0.162	0.092	0.050	0.009	-0.021	-0.027	-0.046	-0.048	0.060	0.057	0.017	-0.049	-0.091	-0.123	-0.135	0.029	0.6500
0.7500	0.184	0.106	0.066	0.023	-0.009	-0.017	-0.034	-0.040	0.025	0.049	0.016	-0.050	-0.088	-0.107	-0.112		0.7500
0.8500	0.166	0.090	0.052	0.009	-0.022	-0.029	-0.046	-0.047	0.054	0.057	0.011	-0.050	-0.094	-0.100	-0.079	0.055	0.8500
0.9500	0.126	0.059	0.021	-0.028	-0.048	-0.051	-0.068	-0.073	0.128	0.072	0.011	-0.060	-0.108	-0.088	-0.052	0.059	0.9500
							M = 1.049		α= 03.83								
0.0500	0.086	0.034	0.008	0.003	-0.001	0.014	0.010	-0.013	-0.005	-0.121	-0.160	-0.183	-0.195	-0.097	-0.034	0.044	0.0500
0.1500	0.068	0.024	0.009	0.004	0.000	0.010	0.008	-0.013	-0.010	-0.080	-0.137	-0.172	-0.136	-0.161	-0.041	0.050	0.1500
0.2500	0.065	0.021	0.010	0.007	0.003	0.011	0.009	-0.010	-0.010	-0.070	-0.123	-0.170		-0.347	-0.196	0.027	0.2500
0.3500	0.068	0.022	0.008	0.004	-0.003	0.014	0.002	-0.016	-0.009	-0.087	-0.135	-0.172	-0.218	-0.335	-0.213	0.000	0.3500
0.4500	0.082	0.030	0.010	0.004	-0.002	0.017	0.002	-0.016	-0.015	-0.123	-0.157	-0.181	-0.205	-0.265	-0.171	-0.025	0.4500
0.5500	0.118	0.125	0.034	0.021	0.011	0.037	0.024	-0.004	0.146	0.060	-0.005	-0.039	-0.063	-0.101	-0.128	-0.016	0.5500
0.6500	0.155	0.086	0.063	0.045	0.030	0.059	0.056	0.022	0.055	0.045	-0.003	-0.034	-0.061	-0.060	-0.105	-0.008	0.6500
0.7500	0.175	0.102	0.079	0.053	0.038	0.067	0.071	0.038	0.019	0.039	-0.006	-0.034	-0.059	-0.046	-0.082		0.7500
0.8500	0.157	0.088	0.065	0.041	0.027	0.055	0.057	0.025	0.047	0.046	-0.012	-0.033	-0.067	-0.044	-0.056	0.026	0.8500
0.9500	0.115	0.054	0.037	0.015	0.008	0.031	0.031	-0.005	0.137	0.062	-0.012	-0.040	-0.082	-0.044	-0.038	0.041	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(d) BV_5W - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 1.102		α = 03.88							
0.0500	0.116	0.068	0.048	0.023	-0.005	-0.011	-0.015	0.017	0.070	-0.023	-0.080	-0.123	-0.119	-0.013	0.040	0.117	0.0500
0.1500	0.102	0.062	0.050	0.020	-0.008	-0.007	-0.002	0.026	0.055	0.011	-0.066	-0.111	-0.062	-0.065	0.029	0.123	0.1500
0.2500	0.099	0.062	0.051	0.021	-0.006	-0.003	0.006	0.033	0.046	0.017	-0.047	-0.109		-0.246	-0.120	0.101	0.2500
0.3500	0.101	0.062	0.049	0.017	-0.011	-0.004	-0.001	0.026	0.055	0.004	-0.062	-0.112	-0.144	-0.235	-0.124	0.071	0.3500
0.4500	0.113	0.069	0.050	0.024	-0.006	-0.006	-0.012	0.021	0.061	-0.032	-0.078	-0.123	-0.133	-0.173	-0.079	0.050	0.4500
0.5500	0.148	0.165	0.073	0.046	0.015	0.012	-0.007	0.017	0.207	0.164	0.095	0.023	-0.011	-0.034	-0.042	0.070	0.5500
0.6500	0.185	0.121	0.102	0.074	0.041	0.036	0.015	0.025	0.124	0.160	0.099	0.027	-0.009		-0.025	0.083	0.6500
0.7500	0.205	0.134	0.117	0.081	0.050	0.045	0.024	0.026	0.076	0.160	0.098	0.027	-0.010	0.008	-0.003		0.7500
0.8500	0.188	0.119	0.104	0.072	0.039	0.029	0.013	0.023	0.110	0.165	0.092	0.029	-0.016	0.009	0.024	0.110	0.8500
0.9500	0.147	0.088	0.074	0.042	0.011	0.004	-0.007	0.008	0.200	0.171	0.092	0.022	-0.031	0.013	0.039	0.116	0.9500
								M = 1.299		α = -04.03							
0.0500	0.129	0.072	0.048	0.027	0.014	0.001	-0.010	-0.001	0.123	0.070	0.041	0.015	0.000	0.008	-0.030	-0.002	0.0500
0.1500	0.161	0.103	0.075	0.053	0.039	0.024	0.008	0.010	-0.010	0.046	0.040	0.021	0.065	0.016	-0.030	-0.034	0.1500
0.2500	0.180	0.114	0.085	0.065	0.050	0.032	0.018	0.014	0.004	0.024	0.045	0.018		-0.136	-0.116	-0.041	0.2500
0.3500	0.166	0.102	0.076	0.054	0.041	0.022	0.007	0.006	0.005	0.046	0.040	0.026	-0.001	-0.106	-0.113	-0.097	0.3500
0.4500	0.131	0.073	0.049	0.033	0.012	0.006	-0.007	-0.007	0.125	0.068	0.034	0.021	0.007	-0.100	-0.088	-0.079	0.4500
0.5500	0.102	0.126	0.034	0.031	-0.001	-0.016	-0.015	-0.017	0.010	-0.078	-0.087	-0.108	-0.127	-0.132	-0.083	-0.046	0.5500
0.6500	0.088	0.037	0.025	0.013	0.000	-0.008	-0.011	-0.027	-0.014	-0.027	-0.065	-0.101	-0.110	-0.129	-0.101	-0.019	0.6500
0.7500	0.088	0.040	0.025	0.010	-0.004	-0.004	-0.008	-0.017	-0.021	-0.012	-0.054	-0.093	-0.106	-0.130	-0.107		0.7500
0.8500	0.092	0.043	0.023	0.010	-0.009	-0.006	-0.011	-0.014	-0.014	-0.030	-0.064	-0.101	-0.120	-0.134	-0.065	0.010	0.8500
0.9500	0.104	0.046	0.029	0.018	-0.002	-0.007	-0.011	-0.017	-0.005	-0.073	-0.087	-0.126	-0.136	-0.118	-0.039	0.005	0.9500
								M = 1.304		α = -00.15							
0.0500	0.123	0.077	0.048	0.029	0.017	0.010	-0.005	0.004	0.075	-0.004	-0.029	-0.053	-0.080	-0.036	-0.034	0.011	0.0500
0.1500	0.127	0.071	0.054	0.028	0.021	0.011	-0.007	-0.004	-0.005	0.005	-0.024	-0.044	-0.005	-0.039	-0.050	-0.016	0.1500
0.2500	0.131	0.067	0.052	0.028	0.021	0.008	-0.004	-0.007	-0.013	0.008	-0.017	-0.045		-0.186	-0.165	-0.030	0.2500
0.3500	0.129	0.068	0.052	0.029	0.020	0.008	-0.001	-0.008	0.001	0.005	-0.027	-0.040	-0.065	-0.159	-0.148	-0.109	0.3500
0.4500	0.128	0.067	0.050	0.031	0.018	0.007	-0.008	-0.004	0.080	-0.003	-0.039	-0.045	-0.059	-0.148	-0.099	-0.090	0.4500
0.5500	0.129	0.145	0.053	0.029	0.021	0.018	-0.005	-0.001	0.068	-0.006	-0.025	-0.055	-0.074	-0.076	-0.081	-0.075	0.5500
0.6500	0.125	0.072	0.053	0.027	0.016	0.012	0.002	-0.001	-0.008	0.006	-0.016	-0.046	-0.067	-0.075	-0.087	-0.053	0.6500
0.7500	0.121	0.076	0.056	0.031	0.016	0.010	0.002	-0.005	-0.017	-0.001	-0.008	-0.048	-0.066	-0.080	-0.084		0.7500
0.8500	0.119	0.078	0.055	0.032	0.018	0.006	-0.002	-0.004	-0.012	0.013	-0.012	-0.055	-0.067	-0.080	-0.053	-0.005	0.8500
0.9500	0.119	0.078	0.050	0.033	0.016	0.006	-0.001	0.006	0.060	-0.003	-0.030	-0.068	-0.086	-0.067	-0.031	0.013	0.9500
								M = 1.304		α = 03.69							
0.0500	0.100	0.040	0.025	0.004	-0.004	-0.012	-0.028	-0.023	0.009	-0.078	-0.094	-0.116	-0.141	-0.073	-0.037	0.020	0.0500
0.1500	0.086	0.032	0.018	0.002	-0.011	-0.019	-0.019	-0.019	-0.018	-0.038	-0.078	-0.100	-0.067	-0.093	-0.068	0.006	0.1500
0.2500	0.083	0.030	0.015	0.005	-0.008	-0.016	-0.013	-0.021	-0.024	-0.022	-0.067	-0.097		-0.232	-0.201	-0.017	0.2500
0.3500	0.085	0.032	0.015	0.002	-0.012	-0.017	-0.014	-0.029	-0.011	-0.042	-0.079	-0.096	-0.125	-0.211	-0.173	-0.090	0.3500
0.4500	0.100	0.040	0.026	0.005	-0.006	-0.020	-0.026	-0.029	0.012	-0.077	-0.100	-0.107	-0.121	-0.193	-0.112	-0.109	0.4500
0.5500	0.131	0.137	0.051	0.025	0.009	0.001	-0.021	-0.018	0.119	0.064	0.039	0.011	-0.015	-0.032	-0.080	-0.074	0.5500
0.6500	0.161	0.090	0.077	0.044	0.032	0.028	0.004	0.003	-0.006	0.039	0.039	0.009	-0.008	-0.023	-0.063	-0.066	0.6500
0.7500	0.174	0.104	0.090	0.056	0.040	0.060	0.014	0.012	-0.001	0.014	0.043	0.008	-0.011	-0.029	-0.039		0.7500
0.8500	0.159	0.091	0.078	0.041	0.028	0.019	0.007	0.005	-0.009	0.047	0.040	0.004	-0.014	-0.030	-0.027	-0.011	0.8500
0.9500	0.125	0.060	0.051	0.021	0.006	0.000	-0.012	-0.010	0.110	0.062	0.035	-0.008	-0.026	-0.027	-0.023	0.012	0.9500
								M = 1.299		α = 07.86							
0.0500	0.051	-0.006	-0.021	-0.040	-0.054	-0.060	-0.068	-0.071	-0.074	-0.159	-0.152	-0.180	-0.190	-0.096	-0.042	0.008	0.0500
0.1500	0.040	-0.005	-0.011	-0.028	-0.041	-0.031	-0.041	-0.043	-0.035	-0.084	-0.139	-0.172	-0.137	-0.163	-0.089	-0.005	0.1500
0.2500	0.046	0.002	-0.001	-0.014	-0.025	-0.017	-0.030	-0.024	-0.026	-0.051	-0.114	-0.151		-0.277	-0.242	-0.010	0.2500
0.3500	0.037	-0.007	-0.014	-0.033	-0.044	-0.029	-0.040	-0.042	-0.029	-0.089	-0.137	-0.164	-0.190	-0.266	-0.181	-0.080	0.3500
0.4500	0.047	-0.010	-0.025	-0.041	-0.062	-0.062	-0.071	-0.073	-0.073	-0.164	-0.154	-0.169	-0.183	-0.217	-0.131	-0.132	0.4500
0.5500	0.110	0.117	0.028	0.003	-0.021	-0.037	-0.045	-0.049	0.174	0.135	0.131	0.093	0.094	0.024	-0.065	-0.097	0.5500
0.6500	0.198	0.122	0.104	0.069	0.053	0.037	0.016	0.014	0.000	0.098	0.121	0.096	0.091	0.052	-0.021	-0.080	0.6500
0.7500	0.243	0.162	0.144	0.107	0.086	0.070	0.050	0.044	0.026	0.030	0.126	0.094	0.095	0.055	0.016		0.7500
0.8500	0.202	0.123	0.107	0.065	0.049	0.033	0.016	0.018	-0.004	0.103	0.128	0.091	0.095	0.047	0.005	-0.031	0.8500
0.9500	0.109	0.041	0.028	-0.006	-0.022	-0.033	-0.043	-0.048	0.153	0.138	0.131	0.082	0.076	0.028	-0.012		0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(d) BV_5W - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 1.299		α = 11.69								
0.0500	-0.007	-0.058	-0.085	-0.103	-0.113	-0.115	-0.124	-0.127	-0.154	-0.217	-0.200	-0.223	-0.244	-0.124	-0.068	-0.023	0.0500
0.1500	0.006	-0.040	-0.044	-0.047	-0.049	-0.051	-0.053	-0.055	-0.053	-0.121	-0.195	-0.238	-0.220	-0.219	-0.107	-0.022	0.1500
0.2500	0.025	0.001	-0.011	-0.014	-0.022	-0.025	-0.025	-0.025	-0.017	-0.059	-0.143	-0.187		-0.303	-0.283	-0.033	0.2500
0.3500	0.002	-0.039	-0.044	-0.044	-0.050	-0.050	-0.053	-0.054	-0.051	-0.128	-0.190	-0.234	-0.271	-0.311	-0.182	-0.116	0.3500
0.4500	-0.015	-0.059	-0.084	-0.107	-0.112	-0.119	-0.128	-0.123	-0.161	-0.228	-0.203	-0.215	-0.223	-0.217	-0.133	-0.144	0.4500
0.5500	0.084	0.097	0.002	-0.049	-0.061	-0.072	-0.091	-0.095	0.221	0.227	0.224	0.192	0.168	0.105	-0.057	-0.094	0.5500
0.6500	0.243	0.165	0.146	0.091	0.074	0.060	0.040	0.030	0.012	0.150	0.224	0.196	0.172	0.143	0.021	-0.058	0.6500
0.7500	0.324	0.237	0.219	0.167	0.144	0.124	0.108	0.099	0.075	0.058	0.219	0.192	0.171	0.142	0.076		0.7500
0.8500	0.251	0.168	0.147	0.096	0.075	0.057	0.038	0.030	0.007	0.136	0.215	0.194	0.168	0.135	0.045	-0.012	0.8500
0.9500	0.088	0.020	-0.002	-0.047	-0.061	-0.077	-0.084	-0.101	0.189	0.227	0.213	0.175	0.144	0.115	0.006	-0.005	0.9500
							M = 1.300		α = 15.77								
0.0500	-0.103	-0.156	-0.194	-0.203	-0.214	-0.215	-0.220	-0.200	-0.237	-0.290	-0.280	-0.283	-0.294	-0.209	-0.075	-0.069	0.0500
0.1500	-0.073	-0.124	-0.077	-0.083	-0.087	-0.082	-0.093	-0.091	-0.086	-0.169	-0.261	-0.312	-0.321	-0.298	-0.124	-0.019	0.1500
0.2500	-0.002	-0.027	-0.023	-0.040	-0.048	-0.042	-0.044	-0.039	-0.054	-0.089	-0.168	-0.207		-0.335	-0.351	-0.018	0.2500
0.3500	-0.080	-0.128	-0.077	-0.080	-0.083	-0.080	-0.089	-0.093	-0.084	-0.175	-0.255	-0.320	-0.365	-0.356	-0.179	-0.144	0.3500
0.4500	-0.107	-0.161	-0.188	-0.201	-0.215	-0.212	-0.215	-0.203	-0.246	-0.297	-0.283	-0.275	-0.276	-0.318	-0.154	-0.174	0.4500
0.5500	0.036	0.039	-0.071	-0.116	-0.139	-0.150	-0.169	-0.183	0.178	0.305	0.297	0.270	0.252	0.176	-0.057	-0.128	0.5500
0.6500	0.283	0.195	0.164	0.111	0.086	0.070	0.054	0.035	0.014	0.133	0.313	0.283	0.259	0.231	0.066	-0.067	0.6500
0.7500	0.404	0.311	0.281	0.233	0.201	0.180	0.162	0.145	0.119	0.100	0.314	0.282	0.259	0.248	0.135		0.7500
0.8500	0.291	0.201	0.173	0.110	0.097	0.074	0.056	0.037	0.012	0.127	0.306	0.285	0.256	0.235	0.082	-0.034	0.8500
0.9500	0.040	-0.033	-0.064	-0.102	-0.134	-0.148	-0.171	-0.187	0.149	0.299	0.290	0.266	0.234	0.196	-0.006	-0.063	0.9500
							M = 1.502		α = 03.78								
0.0500	0.082	0.040	0.041	0.020	0.006	-0.001	-0.002	-0.021	0.003	-0.071	-0.060	-0.091	-0.114	-0.066	-0.027	-0.001	0.0500
0.1500	0.080	0.039	0.021	0.007	0.002	-0.006	-0.017	-0.022	-0.018	-0.025	-0.057	-0.084	-0.053	-0.082	-0.074	-0.034	0.1500
0.2500	0.075	0.031	0.016	0.006	0.003	-0.003	-0.019	-0.017	-0.022	-0.013	-0.046	-0.083		-0.183	-0.177	-0.057	0.2500
0.3500	0.071	0.027	0.015	0.005	0.001	-0.001	-0.018	-0.021	-0.016	-0.025	-0.056	-0.082	-0.096	-0.167	-0.142	-0.126	0.3500
0.4500	0.074	0.034	0.019	0.010	-0.003	-0.002	-0.016	-0.024	0.002	-0.070	-0.068	-0.090	-0.092	-0.155	-0.083	-0.097	0.4500
0.5500	0.109	0.137	0.050	0.021	0.006	0.010	-0.005	-0.017	0.103	0.076	0.032	0.025	0.007	-0.001	-0.047	-0.063	0.5500
0.6500	0.148	0.100	0.075	0.041	0.026	0.023	0.013	-0.002	0.009	0.049	0.043	0.028	0.010	0.005	-0.030	-0.047	0.6500
0.7500	0.152	0.086	0.086	0.051	0.037	0.032	0.018	0.012	0.013	0.001	0.054	0.034	0.020	-0.006	-0.023		0.7500
0.8500	0.151	0.100	0.086	0.050	0.039	0.034	0.017	0.007	0.001	0.045	0.047	0.033	0.011	-0.015	-0.019	-0.016	0.8500
0.9500	0.116	0.064	0.052	0.027	0.019	0.016	0.007	-0.011	0.089	0.072	0.035	0.010	0.006	-0.016	-0.008	-0.012	0.9500
							M = 1.699		α = 03.73								
0.0500	0.106	0.062	0.041	0.029	0.021	0.002	-0.014	-0.015	0.026	-0.050	-0.068	-0.085	-0.106	-0.065	-0.029	-0.021	0.0500
0.1500	0.100	0.052	0.034	0.017	0.005	-0.002	-0.014	0.004	-0.014	-0.026	-0.057	-0.076	-0.054	-0.080	-0.077	-0.052	0.1500
0.2500	0.086	0.046	0.031	0.013	0.004		-0.009	0.012	-0.019	-0.019	-0.043	-0.072		-0.156	-0.161	-0.086	0.2500
0.3500	0.087	0.046	0.033	0.012	0.002	-0.004	-0.003	0.006	-0.008	-0.026	-0.052	-0.077	-0.094	-0.143	-0.135	-0.125	0.3500
0.4500	0.102	0.053	0.036	0.017	0.003	-0.002	-0.008	-0.012	0.023	-0.055	-0.072	-0.082	-0.096	-0.130	-0.078	-0.092	0.4500
0.5500	0.133	0.188	0.058	0.036	0.017	0.011	-0.006	-0.003	0.083	0.066	0.035	0.019	-0.002	-0.005	-0.048	-0.064	0.5500
0.6500	0.162	0.110	0.085	0.055	0.037	0.032	0.013	0.013	0.003	0.027	0.042	0.024	-0.001	-0.009	-0.025	-0.053	0.6500
0.7500	0.180	0.112	0.102	0.063	0.056	0.041	0.032	0.019	0.011	-0.001	0.065	0.028	-0.001	-0.014	-0.021		0.7500
0.8500	0.176	0.105	0.100	0.053	0.054	0.039	0.027	0.014	0.011	0.030	0.036	0.026	0.004	-0.017	-0.022	-0.025	0.8500
0.9500	0.139	0.075	0.067	0.037	0.039	0.019	0.000	-0.006	0.074	0.070	0.026	0.019	0.009	-0.018	-0.017	-0.028	0.9500
							M = 1.905		α = 03.98								
0.0500	0.080	0.040	0.033	0.022	0.012	0.000	-0.003	-0.008	0.264	0.210	0.191	0.187	0.166	0.199	0.232	0.231	0.0500
0.1500	0.069	0.033	0.024	0.012	0.006	0.000	-0.003	-0.004	0.242	0.238	0.207	0.199	0.201	0.188	0.182	0.199	0.1500
0.2500	0.062	0.031	0.024	0.009	0.009	0.007	0.000	-0.002	0.248	0.240	0.225	0.202		0.134	0.118	0.160	0.2500
0.3500	0.062	0.033	0.023	0.009	0.006	0.005	0.002	-0.005	0.247	0.240	0.212	0.193	0.175	0.143	0.141	0.148	0.3500
0.4500	0.081	0.042	0.034	0.013	0.009	0.005	-0.003	-0.010	0.259	0.202	0.190	0.188	0.173	0.152	0.186	0.179	0.4500
0.5500	0.111	0.196	0.059	0.033	0.023	0.015	0.009	0.009	0.332	0.332	0.302	0.275	0.263	0.261	0.214	0.202	0.5500
0.6500	0.150	0.105	0.081	0.056	0.044	0.068	0.033	0.032	0.277	0.278	0.301	0.285	0.267	0.252	0.238	0.212	0.6500
0.7500	0.172	0.118	0.095	0.062	0.057	0.055	0.054	0.039	0.287	0.276	0.299	0.286	0.267	0.253	0.240		0.7500
0.8500	0.158	0.099	0.083	0.054	0.042	0.039	0.038	0.023	0.274	0.286	0.300	0.282	0.265	0.254	0.234	0.228	0.8500
0.9500	0.115	0.063	0.055	0.038	0.019	0.015	0.008	0.005	0.318	0.335	0.305	0.274	0.269	0.249	0.237	0.228	0.9500

A 4 4 1 6

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(d) BV_5W - Concluded

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M= 2.231		α=-03.78								
0.0500	0.110	0.066	0.053	0.033	0.031	0.021	0.014	0.006	0.056	0.052	0.020	0.012	0.004	0.028	-0.012	-0.022	0.0500
0.1500	0.146	0.087	0.072	0.054	0.043	0.037	0.030	0.022	0.005	0.008	0.014	0.022	0.021	0.021	-0.009	-0.029	0.1500
0.2500	0.143	0.093	0.080	0.061	0.051	0.043	0.037	0.028	0.013	-0.005	0.017	0.024		-0.026	-0.059	-0.044	0.2500
0.3500	0.131	0.085	0.071	0.053	0.043	0.036	0.034	0.021	0.009	0.002	0.022	0.018	0.009	-0.024	-0.049	-0.059	0.3500
0.4500	0.105	0.065	0.051	0.036	0.029	0.020	0.010	0.002	0.053	0.050	0.020	0.014	0.003	-0.013	-0.039	-0.044	0.4500
0.5500	0.083	0.261	0.034	0.023	0.012	0.006	0.000	-0.004	0.019	-0.020	-0.038	-0.043	-0.050	-0.048	-0.037	-0.042	0.5500
0.6500	0.070	0.035	0.027	0.013	0.008	0.003	0.000	0.003	0.006	-0.001	-0.019	-0.033	-0.042	-0.050	-0.059	-0.052	0.6500
0.7500	0.066	0.032	0.026	0.012	0.007	0.006	0.003	0.007	-0.001	-0.006	-0.007	-0.031	-0.039	-0.049	-0.061		0.7500
0.8500	0.070	0.036	0.025	0.014	0.005	0.005	0.005	-0.001	-0.003	-0.004	-0.021	-0.033	-0.044	-0.053	-0.052	-0.035	0.8500
0.9500	0.082	0.046	0.036	0.026	0.011	0.006	0.008	0.000	0.014	-0.024	-0.033	-0.043	-0.042	-0.056	-0.020	-0.026	0.9500
							M= 2.231		α= 00.20								
0.0500	0.094	0.055	0.041	0.028	0.024	0.016	0.007	0.001	0.036	0.006	-0.026	-0.022	-0.036	-0.008	-0.018	-0.021	0.0500
0.1500	0.105	0.054	0.042	0.028	0.020	0.016	0.010	0.005	-0.010	-0.002	-0.019	-0.011	-0.015	-0.012	-0.040	-0.047	0.1500
0.2500	0.090	0.051	0.040	0.029	0.021	0.015	0.011	0.005	-0.007	-0.020	-0.002	-0.009		-0.052	-0.087	-0.071	0.2500
0.3500	0.090	0.051	0.038	0.029	0.020	0.015	0.018	0.006	-0.002	-0.006	-0.010	-0.017	-0.029	-0.052	-0.075	-0.078	0.3500
0.4500	0.093	0.050	0.040	0.029	0.021	0.014	0.009	0.000	0.030	0.004	-0.024	-0.022	-0.033	-0.044	-0.046	-0.053	0.4500
0.5500	0.094	0.263	0.046	0.029	0.022	0.014	0.005	0.001	0.036	0.020	-0.010	-0.025	-0.029	-0.029	-0.038	-0.044	0.5500
0.6500	0.097	0.052	0.050	0.029	0.023	0.013	0.006	0.003	0.007	0.006	0.001	-0.015	-0.024	-0.032	-0.042	-0.049	0.6500
0.7500	0.100	0.053	0.052	0.060	0.023	0.012	0.008	0.006	0.007	-0.007	0.008	-0.013	-0.021	-0.029	-0.041		0.7500
0.8500	0.098	0.054	0.048	0.028	0.022	0.012	0.009	0.006	0.000	0.006	0.001	-0.013	-0.025	-0.034	-0.038	-0.032	0.8500
0.9500	0.094	0.054	0.047	0.060	0.019	0.014	0.010	0.005	0.034	0.014	-0.010	-0.025	-0.022	-0.037	-0.018	-0.020	0.9500
							M= 2.227		α= 04.28								
0.0500	0.074	0.035	0.022	0.011	0.008	-0.002	-0.011	-0.017	-0.004	-0.047	-0.066	-0.053	-0.069	-0.039	-0.022	-0.022	0.0500
0.1500	0.072	0.025	0.014	0.006	0.001	-0.002	-0.008	-0.013	-0.022	-0.022	-0.048	-0.044	-0.051	-0.047	-0.069	-0.055	0.1500
0.2500	0.053	0.023	0.014	0.009	0.004	0.000	-0.004	-0.009	-0.020	-0.027	-0.025	-0.038		-0.076	-0.112	-0.092	0.2500
0.3500	0.054	0.024	0.015	0.006	0.001		0.003	-0.012	-0.016	-0.023	-0.038	-0.050	-0.063	-0.079	-0.095	-0.089	0.3500
0.4500	0.069	0.034	0.024	0.011	0.003	-0.002	-0.005	-0.018	-0.010	-0.050	-0.065	-0.054	-0.066	-0.072	-0.057	-0.062	0.4500
0.5500	0.098	0.268	0.046	0.032	0.019	0.013	0.004	-0.006	0.036	0.067	0.039	0.015	0.011	0.009	-0.034	-0.042	0.5500
0.6500	0.134	0.088	0.073	0.056	0.041	0.036	0.021	0.017	0.010	0.012	0.038	0.021	0.015	0.005	-0.007	-0.030	0.6500
0.7500	0.152	0.103	0.089	0.070	0.052	0.047	0.031	0.027	0.025	0.009	0.020	0.028	0.017	0.008	-0.005		0.7500
0.8500	0.140	0.091	0.078	0.056	0.041	0.036	0.023	0.021	0.008	0.008	0.038	0.025	0.015	0.005	-0.007	-0.020	0.8500
0.9500	0.104	0.059	0.051	0.029	0.019	0.012	0.006	-0.004	0.035	0.061	0.033	0.014	0.019	0.002	-0.014	-0.021	0.9500
							M= 2.231		α= 08.21								
0.0500	0.043	0.001	-0.013	-0.026	-0.028	-0.040	-0.049	-0.054	-0.056	-0.097	-0.094	-0.077	-0.095	-0.057	-0.031	-0.032	0.0500
0.1500	0.043	-0.001	-0.014	-0.016	-0.021	-0.027	-0.028	-0.031	-0.034	-0.043	-0.077	-0.074	-0.092	-0.082	-0.101	-0.054	0.1500
0.2500	0.029	0.006	-0.001	-0.004	-0.010	-0.015	-0.016	-0.019	-0.025	-0.030	-0.044	-0.061		-0.098	-0.132	-0.114	0.2500
0.3500	0.023	-0.004	-0.014	-0.015	-0.021	-0.022	-0.017	-0.030	-0.029	-0.044	-0.067	-0.081	-0.095	-0.103	-0.101	-0.091	0.3500
0.4500	0.039	-0.001	-0.014	-0.028	-0.032	-0.038	-0.043	-0.056	-0.061	-0.098	-0.092	-0.077	-0.088	-0.092	-0.068	-0.070	0.4500
0.5500	0.108	0.264	0.041	0.015	0.002	-0.008	-0.013	-0.030	0.004	0.109	0.097	0.069	0.060	0.055	-0.025	-0.038	0.5500
0.6500	0.195	0.122	0.112	0.082	0.068	0.057	0.043	0.034	0.023	0.027	0.083	0.068	0.065	0.052	0.037	-0.001	0.6500
0.7500	0.238	0.156	0.147	0.115	0.102	0.088	0.074	0.060	0.057	0.046	0.042	0.078	0.068	0.055	0.040		0.7500
0.8500	0.202	0.125	0.113	0.081	0.071	0.057	0.045	0.034	0.025	0.022	0.082	0.074	0.065	0.053	0.036	0.006	0.8500
0.9500	0.113	0.052	0.039	0.017	0.004	-0.006	-0.015	-0.027	-0.001	0.112	0.093	0.069	0.067	0.048	-0.008	-0.016	0.9500
							M = 2.234		α= 12.19								
0.0500	0.002	-0.040	-0.058	-0.078	-0.080	-0.097	-0.107	-0.108	-0.125	-0.137	-0.124	-0.098	-0.116	-0.074	-0.054	-0.059	0.0500
0.1500	0.016	-0.030	-0.043	-0.038	-0.040	-0.043	-0.041	-0.047	-0.053	-0.072	-0.103	-0.099	-0.122	-0.110	-0.105	-0.054	0.1500
0.2500	0.011	-0.002	-0.007	-0.016	-0.023	-0.023	-0.025	-0.026	-0.036	-0.039	-0.061	-0.076		-0.109	-0.144	-0.129	0.2500
0.3500	-0.005	-0.035	-0.040	-0.035	-0.040	-0.038	-0.032	-0.046	-0.045	-0.070	-0.095	-0.106	-0.121	-0.122	-0.107	-0.099	0.3500
0.4500	0.001	-0.044	-0.060	-0.080	-0.088	-0.094	-0.101	-0.110	-0.125	-0.142	-0.121	-0.100	-0.106	-0.107	-0.084	-0.080	0.4500
0.5500	0.119	0.265	0.029	0.001	-0.010	-0.021	-0.032	-0.051	-0.006	0.137	0.139	0.123	0.114	0.105	-0.002	-0.030	0.5500
0.6500	0.268	0.178	0.156	0.120	0.108	0.091	0.083	0.060	0.054	0.048	0.121	0.123	0.129	0.109	0.087	0.036	0.6500
0.7500	0.341	0.238	0.213	0.177	0.165	0.148	0.133	0.119	0.104	0.099	0.076	0.121	0.129	0.106	0.093		0.7500
0.8500	0.275	0.184	0.157	0.125	0.111	0.094	0.080	0.063	0.059	0.043	0.117	0.128	0.126	0.107	0.087	0.041	0.8500
0.9500	0.122	0.056	0.033	0.005	-0.008	-0.018	-0.032	-0.045	-0.011	0.129	0.141	0.124	0.119	0.106	0.007	-0.003	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued

(e) BV_5WC $\delta = 0.4°$

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 0.704 α=-04.33																	
0.0500	0.056	0.088	0.035	-0.091	0.001	-0.026	-0.044	-0.034	0.028	-0.028	-0.031	-0.060	-0.005	0.018	0.008	0.072	0.0500
0.1500	0.090	0.088	0.045	-0.021	-0.010	-0.028	-0.037	-0.021	0.004	-0.014	-0.030	-0.020	0.018	0.015	0.023	0.078	0.1500
0.2500	0.118	0.085	0.050	0.001	-0.007	-0.016	-0.026	-0.014	-0.009	-0.027	-0.033	-0.029		-0.102	-0.035	0.076	0.2500
0.3500	0.108	0.085	0.048	-0.017	-0.010	-0.017	-0.028	-0.017	-0.008	-0.021	-0.033	-0.033	-0.105	-0.103	-0.034	0.058	0.3500
0.4500	0.067	0.090	0.053	-0.077	-0.004	-0.031	-0.040	-0.026	0.023	-0.013	-0.032	-0.040	-0.087	-0.058	-0.022	0.051	0.4500
0.5500	0.031	0.005	-0.081	-0.143	0.001	-0.044	-0.052	-0.036	-0.050	-0.134	-0.184	-0.168	-0.121	-0.036	-0.012	0.050	0.5500
0.6500	0.017	-0.046	-0.087	-0.104	-0.038	-0.052	-0.058	-0.054	-0.069	-0.126	-0.149	-0.153	-0.114	-0.042	-0.015	0.051	0.6500
0.7500	0.009	-0.045	-0.077	-0.084	-0.056	-0.051	-0.059	-0.055	-0.072	-0.113	-0.137	-0.141	-0.109	-0.045	-0.014		0.7500
0.8500	0.010	-0.050	-0.080	-0.095	-0.053	-0.052	-0.059	-0.053	-0.071	-0.111	-0.155	-0.141	-0.113	-0.037	-0.004	0.063	0.8500
0.9500	0.022	-0.055	-0.123	-0.156	-0.025	-0.046	-0.054	-0.041	-0.061	-0.137	-0.181	-0.163	-0.126	-0.023	0.011	0.067	0.9500
M = 0.699 α=-00.10																	
0.0500	0.054	0.030	-0.036	-0.117	-0.003	-0.032	-0.037	-0.036	-0.007	-0.067	-0.105	-0.092	-0.049	0.008	0.011	0.034	0.0500
0.1500	0.053	0.017	-0.030	-0.073	-0.024	-0.039	-0.046	-0.038	-0.036	-0.072	-0.097	-0.082	-0.013	-0.004	0.018	0.068	0.1500
0.2500	0.054	0.008	-0.027	-0.048	-0.038	-0.041	-0.048	-0.041	-0.048	-0.064	-0.093	-0.083		-0.125	-0.037	0.070	0.2500
0.3500	0.053	0.009	-0.027	-0.056	-0.039	-0.039	-0.051	-0.040	-0.040	-0.068	-0.098	-0.096	-0.140	-0.114	-0.047	0.047	0.3500
0.4500	0.057	0.020	-0.032	-0.118	-0.001	-0.036	-0.047	-0.031	-0.013	-0.073	-0.108	-0.106	-0.136	-0.063	-0.031	0.041	0.4500
0.5500	0.061	0.089	0.004	-0.117	0.004	-0.036	-0.046	-0.027	-0.012	-0.081	-0.099	-0.101	-0.086	-0.028	-0.017	0.043	0.5500
0.6500	0.063	0.046	0.000	-0.057	-0.024	-0.035	-0.045	-0.034	-0.031	-0.069	-0.083	-0.096	-0.078	-0.034	-0.014	0.047	0.6500
0.7500	0.066	0.028	-0.005	-0.043	-0.033	-0.037	-0.041	-0.037	-0.045	-0.069	-0.082	-0.090	-0.076	-0.035	-0.011		0.7500
0.8500	0.061	0.027	-0.006	-0.049	-0.031	-0.039	-0.042	-0.036	-0.042	-0.066	-0.089	-0.093	-0.078	-0.025	-0.006	0.061	0.8500
0.9500	0.058	0.035	-0.014	-0.121	-0.003	-0.036	-0.046	-0.031	-0.013	-0.078	-0.091	-0.108	-0.085	-0.008	0.005	0.064	0.9500
M = 0.698 α= 03.83																	
0.0500	0.027	-0.062	-0.094	-0.161	-0.002	-0.030	-0.050	-0.038	-0.034	-0.102	-0.154	-0.138	-0.073	-0.004	0.021	0.042	0.0500
0.1500	0.015	-0.067	-0.112	-0.107	-0.040	-0.043	-0.056	-0.050	-0.061	-0.106	-0.170	-0.131	-0.047	-0.002	0.018	0.077	0.1500
0.2500	0.010	-0.059	-0.098	-0.087	-0.058	-0.052	-0.059	-0.051	-0.071	-0.107	-0.152	-0.129		-0.115	-0.042	0.070	0.2500
0.3500	0.004	-0.068	-0.098	-0.102	-0.052	-0.049	-0.058	-0.054	-0.071	-0.109	-0.150	-0.140	-0.166	-0.119	-0.045	0.052	0.3500
0.4500	0.024	-0.080	-0.122	-0.162	-0.002	-0.041	-0.053	-0.038	-0.052	-0.137	-0.183	-0.163	-0.176	-0.069	-0.016	0.053	0.4500
0.5500	0.069	0.154	0.089	-0.072	0.016	-0.031	-0.049	-0.027	0.012	-0.010	-0.040	-0.032	-0.040	-0.034	-0.009	0.052	0.5500
0.6500	0.110	0.111	0.074	-0.003	0.005	-0.024	-0.035	-0.017	0.000	-0.011	-0.015	-0.029	-0.033	-0.021	-0.006	0.060	0.6500
0.7500	0.133	0.106	0.078	0.016	0.002	-0.008	-0.023	-0.004	-0.007	-0.015	-0.018	-0.026	-0.032	-0.016	-0.001		0.7500
0.8500	0.125	0.102	0.074	-0.001	-0.001	-0.014	-0.027	-0.013	-0.009	-0.014	-0.023	-0.033	-0.033	-0.008	0.003	0.071	0.8500
0.9500	0.078	0.115	0.075	-0.066	0.013	-0.023	-0.041	-0.025	0.022	-0.008	-0.016	-0.033	-0.038	0.008	0.019	0.076	0.9500
M = 0.699 α= 07.90																	
0.0500	-0.045	-0.169	-0.126	-0.145	-0.009	-0.067	-0.075	-0.062	-0.134	-0.143	-0.310	-0.246	-0.124	-0.001	0.020	0.069	0.0500
0.1500	-0.050	-0.196	-0.231	-0.173	-0.070	-0.068	-0.078	-0.083	-0.129	-0.231	-0.274	-0.232	-0.121	-0.049	0.003	0.065	0.1500
0.2500	-0.051	-0.145	-0.190	-0.141	-0.078	-0.070	-0.076	-0.085	-0.122	-0.178	-0.245	-0.212		-0.161	-0.066	0.057	0.2500
0.3500	-0.052	-0.174	-0.203	-0.144	-0.074	-0.066	-0.077	-0.086	-0.118	-0.200	-0.263	-0.242	-0.211	-0.138	-0.053	0.044	0.3500
0.4500	-0.053	-0.247	-0.237	-0.202	-0.014	-0.066	-0.072	-0.065	-0.129	-0.254	-0.303	-0.262	-0.235	-0.078	-0.029	0.031	0.4500
0.5500	0.028	0.127	0.110	-0.017	0.018	-0.044	-0.059	-0.044	0.021	0.075	0.066	0.033	-0.045	-0.020	-0.013	0.043	0.5500
0.6500	0.147	0.186	0.156	0.037	0.021	0.004	-0.020	-0.006	0.048	0.050	0.054	0.023	0.013	-0.015	-0.006	0.055	0.6500
0.7500	0.215	0.184	0.156	0.062	0.043	0.015	0.013	0.022	0.035	0.043	0.052	0.026	0.008	-0.006	-0.001		0.7500
0.8500	0.183	0.177	0.150	0.059	0.024	0.000	-0.019	0.003	0.027	0.038	0.044	0.029	0.004	0.005	0.014	0.075	0.8500
0.9500	0.052	0.186	0.156	-0.018	0.022	-0.037	-0.054	-0.041	0.067	0.079	0.063	0.028	0.000	0.010	0.021	0.075	0.9500
M = 0.702 α= 11.74																	
0.0500	-0.132	-0.358	-0.462	-0.268	-0.029	-0.092	-0.099	-0.094	-0.220	-0.373	-0.439	-0.287	-0.145	-0.004	0.019	0.066	0.0500
0.1500	-0.135	-0.346	-0.317	-0.201	-0.082	-0.093	-0.103	-0.123	-0.196	-0.284	-0.413	-0.342	-0.210	-0.082	-0.003	0.064	0.1500
0.2500	-0.084	-0.239	-0.277	-0.181	-0.099	-0.084	-0.104	-0.126	-0.183	-0.270	-0.348	-0.301		-0.148	-0.062	0.057	0.2500
0.3500	-0.116	-0.284	-0.305	-0.192	-0.088	-0.084	-0.103	-0.126	-0.188	-0.299	-0.392	-0.352	-0.299	-0.155	-0.053	0.041	0.3500
0.4500	-0.145	-0.385	-0.369	-0.260	-0.020	-0.090	-0.098	-0.096	-0.245	-0.383	-0.435	-0.367	-0.300	-0.079	-0.032	0.027	0.4500
0.5500	-0.033	0.291	0.254	0.027	0.008	-0.061	-0.082	-0.071	0.148	0.168	0.130	0.060	0.019	-0.027	-0.007	0.055	0.5500
0.6500	0.175	0.236	0.214	0.092	0.043	0.011	0.001	0.011	0.075	0.113	0.129	0.101	0.056	0.002	-0.001	0.063	0.6500
0.7500	0.273	0.280	0.246	0.135	0.087	0.060	0.052	0.069	0.106	0.121	0.130	0.096	0.057	0.014	0.004		0.7500
0.8500	0.224	0.255	0.222	0.095	0.049	0.013	-0.005	0.012	0.062	0.107	0.124	0.098	0.054	0.022	0.017	0.085	0.8500
0.9500	0.015	0.249	0.238	0.037	0.020	-0.059	-0.078	-0.074	0.129	0.166	0.141	0.089	0.048	0.021	0.029	0.086	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(e) BV_5WC $\delta = 0.4°$- Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 0.702		α = 15.76								
0.0500	-0.261	-0.781	-0.621	-0.359	-0.036	-0.101	-0.111	-0.112	-0.366	-0.559	-0.611	-0.476	-0.281	-0.035	0.010	0.053	0.0500
0.1500	-0.225	-0.442	-0.445	-0.245	-0.100	-0.121	-0.142	-0.154	-0.261	-0.426	-0.556	-0.469	-0.305	-0.126	-0.012	0.066	0.1500
0.2500	-0.101	-0.349	-0.380	-0.217	-0.115	-0.109	-0.132	-0.168	-0.261	-0.387	-0.491	-0.424		-0.164	-0.056	0.060	0.2500
0.3500	-0.180	-0.417	-0.423	-0.243	-0.110	-0.120	-0.143	-0.162	-0.259	-0.413	-0.537	-0.476	-0.420	-0.170	-0.058	0.038	0.3500
0.4500	-0.261	-0.747	-0.621	-0.370	-0.043	-0.099	-0.107	-0.108	-0.386	-0.554	-0.600	-0.487	-0.357	-0.092	-0.045	0.014	0.4500
0.5500	-0.110	0.355	0.345	0.085	-0.011	-0.076	-0.116	-0.117	0.210	0.274	0.230	0.168	0.113	-0.003	-0.006	0.053	0.5500
0.6500	0.219	0.316	0.298	0.150	0.073	0.032	0.002	0.032	0.132	0.184	0.215	0.175	0.112	0.026	0.008	0.066	0.6500
0.7500	0.396	0.384	0.333	0.201	0.147	0.121	0.104	0.108	0.166	0.204	0.224	0.176	0.116	0.040	0.020		0.7500
0.8500	0.247	0.326	0.306	0.162	0.078	0.037	0.032	0.057	0.110	0.184	0.203	0.172	0.109	0.038	0.029	0.091	0.8500
0.9500	-0.093	0.317	0.327	0.097	-0.008	-0.069	-0.100	-0.097	0.187	0.261	0.220	0.162	0.100	0.020	0.032	0.091	0.9500
							M = 0.906		α = 03.69								
0.0500	0.042	-0.033	-0.089	-0.176	0.001	-0.037	-0.051	-0.039	-0.018	-0.104	-0.177	-0.186	-0.108	0.007	0.027	0.058	0.0500
0.1500	0.032	-0.044	-0.104	-0.182	-0.019	-0.042	-0.058	-0.037	-0.043	-0.098	-0.189	-0.202	-0.070	-0.008	0.036	0.090	0.1500
0.2500	0.026	-0.039	-0.099	-0.152	-0.038	-0.047	-0.060	-0.042	-0.053	-0.098	-0.164	-0.188		-0.142	-0.022	0.094	0.2500
0.3500	0.029	-0.045	-0.097	-0.170	-0.034	-0.046	-0.057	-0.043	-0.044	-0.100	-0.175	-0.190	-0.204	-0.114	-0.043	0.079	0.3500
0.4500	0.040	-0.042	-0.108	-0.216	0.019	-0.040	-0.053	-0.037	-0.024	-0.117	-0.203	-0.211	-0.215	-0.055	-0.016	0.064	0.4500
0.5500	0.080	0.151	0.034	-0.126	0.031	-0.035	-0.050	-0.029	0.036	-0.035	-0.064	-0.062	-0.061	-0.026	-0.006	0.063	0.5500
0.6500	0.120	0.127	0.096	-0.035	0.006	-0.027	-0.044	-0.023	0.011	-0.024	-0.026	-0.046	-0.048	-0.021	-0.001	0.074	0.6500
0.7500	0.139	0.115	0.084	-0.018	0.002	-0.017	-0.032	-0.017	-0.001	-0.023	-0.031	-0.047	-0.047	-0.016	0.005		0.7500
0.8500	0.129	0.109	0.079	-0.029	0.003	-0.024	-0.037	-0.018	-0.005	-0.025	-0.034	-0.048	-0.048	-0.005	0.019	0.086	0.8500
0.9500	0.087	0.122	0.077	-0.104	0.034	-0.033	-0.049	-0.025	0.022	-0.023	-0.033	-0.051	-0.053	0.012	0.028	0.090	0.9500
							M = 0.954		α = 03.73								
0.0500	0.044	-0.024	-0.096	-0.223	0.011	-0.023	-0.055	-0.034	-0.007	-0.102	-0.187	-0.227	-0.179	0.014	0.038	0.080	0.0500
0.1500	0.062	-0.027	-0.096	-0.184	-0.062	-0.030	-0.063	-0.033	-0.024	-0.089	-0.216	-0.229	-0.132	-0.005	0.045	0.101	0.1500
0.2500	0.046	-0.027	-0.084	-0.154	-0.148	-0.032	-0.060	-0.037	-0.034	-0.087	-0.178	-0.233		-0.160	-0.010	0.106	0.2500
0.3500	0.045	-0.030	-0.083	-0.155	-0.109	-0.028	-0.059	-0.036	-0.032	-0.092	-0.184	-0.230	-0.233	-0.147	-0.019	0.094	0.3500
0.4500	0.058	-0.025	-0.089	-0.188	-0.016	-0.029	-0.057	-0.031	-0.009	-0.115	-0.200	-0.252	-0.248	-0.089	0.002	0.080	0.4500
0.5500	0.091	0.182	0.070	-0.069	0.024	-0.027	-0.051	-0.028	0.038	-0.026	-0.083	-0.090	-0.122	-0.036	0.009	0.080	0.5500
0.6500	0.127	0.134	0.099	-0.036	-0.024	-0.021	-0.041	-0.023	0.019	-0.022	-0.038	-0.069	-0.078	-0.034	0.008	0.086	0.6500
0.7500	0.151	0.126	0.092	-0.012	-0.034	-0.013	-0.033	-0.016		-0.026	-0.039	-0.073	-0.079	-0.022	0.009		0.7500
0.8500	0.145	0.123	0.092	-0.027	-0.032	-0.019	-0.040	-0.018		-0.026	-0.044	-0.073	-0.080	-0.005	0.024	0.098	0.8500
0.9500	0.102	0.135	0.088	-0.069	0.033	-0.027	-0.051	-0.027	0.035	-0.025	-0.043	-0.079	-0.088	0.012	0.039	0.102	0.9500
							M = 0.995		α = 03.88								
0.0500	0.082	0.016	-0.024	-0.073	-0.021	-0.059	-0.082	-0.081	0.001	-0.044	-0.153	-0.230	-0.215	-0.126	-0.048	0.047	0.0500
0.1500	0.081	0.007	-0.057	-0.125	-0.174	-0.051	-0.086	-0.085		-0.028	-0.149	-0.209	-0.172	-0.200	-0.035	0.062	0.1500
0.2500	0.077	0.007	-0.048	-0.111	-0.215	-0.050	-0.087	-0.082	-0.013	-0.032	-0.126	-0.213		-0.350	-0.141	0.057	0.2500
0.3500	0.076	0.006	-0.047	-0.116	-0.171	-0.052	-0.087	-0.081	-0.010	-0.036	-0.137	-0.211	-0.248	-0.383	-0.184	0.042	0.3500
0.4500	0.087	0.010	-0.050	-0.147	-0.032	-0.057	-0.085	-0.083	0.008	-0.055	-0.161	-0.233	-0.255	-0.304	-0.168	0.025	0.4500
0.5500	0.126	0.212	0.125	-0.057	-0.008	-0.058	-0.082	-0.080	0.045	0.012	-0.015	-0.090	-0.117	-0.173	-0.156	0.023	0.5500
0.6500	0.162	0.157	0.120	-0.009	-0.073	-0.050	-0.070	-0.076	0.018	0.019	0.003	-0.066	-0.100	-0.131	-0.141	0.031	0.6500
0.7500	0.175	0.156	0.122	0.032	-0.132	-0.042	-0.064	-0.066	0.003	0.015	0.006	-0.063	-0.099	-0.122	-0.129		0.7500
0.8500	0.168	0.152	0.119	0.022	-0.104	-0.048	-0.068	-0.066	0.005	0.016	-0.004	-0.064	-0.102	-0.111	-0.086	0.054	0.8500
0.9500	0.124	0.163	0.115	-0.020	-0.016	-0.057	-0.078	-0.080	0.041	0.013	-0.005	-0.069	-0.112	-0.104	-0.054	0.058	0.9500
							M = 1.047		α = 03.88								
0.0500	0.084	0.037	0.020	-0.007	0.066	0.047	-0.004	-0.028	-0.009	-0.089	-0.163	-0.177	-0.159	-0.097	-0.036	0.021	0.0500
0.1500	0.080	0.036	0.000	-0.035	-0.074	0.036	-0.013	-0.040	-0.026	-0.082	-0.162	-0.168	-0.159	-0.166	-0.033	0.050	0.1500
0.2500	0.070	0.037	0.009	-0.014	-0.113	0.038	-0.016	-0.041	-0.045	-0.072	-0.138	-0.172		-0.293	-0.168	0.035	0.2500
0.3500	0.070	0.034	0.010	-0.023	-0.075	0.038	-0.014	-0.044	-0.036	-0.083	-0.155	-0.167	-0.187	-0.339	-0.201	0.005	0.3500
0.4500	0.079	0.039	0.007	-0.054	0.047	0.035	-0.011	-0.041	-0.002	-0.106	-0.176	-0.177	-0.211	-0.252	-0.163	-0.015	0.4500
0.5500	0.105	0.235	0.154	0.060	0.087	0.039	-0.004	-0.031	0.050	-0.025	-0.059	-0.071	-0.082	-0.122	-0.137	-0.005	0.5500
0.6500	0.154	0.182	0.168	0.087	0.019	0.050	0.012	-0.017	0.002	-0.019	-0.033	-0.039	-0.057	-0.084	-0.107	0.007	0.6500
0.7500	0.175	0.175	0.163	0.105	-0.027	0.061	0.024	-0.007	-0.031	-0.024	-0.031	-0.038	-0.053	-0.071	-0.083		0.7500
0.8500	0.160	0.173	0.157	0.096	0.004	0.059	0.013	-0.010	-0.008	-0.022	-0.036	-0.035	-0.055	-0.067	-0.064	0.036	0.8500
0.9500	0.120	0.185	0.156	0.056	0.076	0.045	0.002	-0.030	0.039	-0.022	-0.033	-0.034	-0.071	-0.063	-0.041	0.043	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(e) BV_5WC $\delta = 0.4°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 1.097		α= 03.88							
0.0500	-0.082	-0.043	-0.012	0.010	-0.027	0.014	0.021	0.000	0.079	0.031	-0.046	-0.131	-0.143	-0.033	0.025	0.112	0.0500
0.1500	-0.098	-0.036	-0.016	0.050	0.143	0.018	0.017	-0.010	0.048	0.041	-0.073	-0.136	-0.094	-0.076	0.013	0.117	0.1500
0.2500	-0.084	-0.037	-0.026	0.036	0.140	-0.015	0.013	-0.019	0.048	0.036	-0.054	-0.136		-0.250	-0.119	0.103	0.2500
0.3500	-0.082	-0.036	-0.025	0.042	0.157	0.008	0.012	-0.019	0.029	0.026	-0.058	-0.136	-0.159	-0.246	-0.125	0.074	0.3500
0.4500	-0.087	-0.040	-0.018	0.064	0.012	0.026	0.014	-0.014	0.056	0.008	-0.085	-0.155	-0.161	-0.194	-0.076	0.057	0.4500
0.5500	-0.124	-0.235	-0.153	-0.068	-0.053	0.020	0.020	-0.002	0.097	0.097	0.067	-0.016	-0.068	-0.091	-0.044	0.070	0.5500
0.6500	-0.166	-0.183	-0.162	-0.101	0.047	-0.007	0.018	0.004	0.108	0.118	0.076	-0.011	-0.063	-0.037	-0.029	0.094	0.6500
0.7500	-0.186	-0.177	-0.160	-0.111	0.048	-0.016	0.013	0.004	0.043	0.128	0.076	-0.009	-0.063	-0.026	-0.012		0.7500
0.8500	-0.175	-0.175	-0.154	-0.109	0.045	-0.008	0.017	0.004	0.053	0.131	0.072	-0.010	-0.071	-0.018	0.008	0.121	0.8500
0.9500	-0.129	-0.186	-0.151	-0.073	-0.019	0.021	0.023	0.006	0.103	0.115	0.073	-0.016	-0.082	-0.006	0.033	0.120	0.9500
								M = 1.300		α=-04.13							
0.0500	0.115	0.159	0.154	0.098	0.026	0.013	-0.019	-0.006	0.080	0.020	0.024	0.008	0.004	0.004	-0.028	0.001	0.0500
0.1500	0.147	0.142	0.136	0.107	0.007	0.027	-0.008	-0.006	-0.007	0.021	0.015	0.015	0.060	0.017	-0.031	-0.030	0.1500
0.2500	0.169	0.138	0.132	0.102	0.070	0.012	-0.008	-0.006	-0.006	0.013	0.010	0.016		-0.129	-0.117	-0.039	0.2500
0.3500	0.159	0.137	0.133	0.099	0.008	0.030	-0.008	-0.011	0.000	0.022	0.011	0.021	-0.004	-0.104	-0.117	-0.096	0.3500
0.4500	0.127	0.137	0.133	0.096	0.015	0.011	-0.017	-0.012	0.079	0.027	0.016	0.019	0.005	-0.099	-0.088	-0.076	0.4500
0.5500	0.100	0.078	-0.009	-0.022	-0.017	0.003	-0.024	-0.012	0.048	-0.030	-0.081	-0.109	-0.132	-0.122	-0.087	-0.052	0.5500
0.6500	0.085	0.025	0.001	-0.018	-0.087	-0.009	-0.001	-0.024	-0.010	-0.005	-0.050	-0.100	-0.122	-0.135	-0.112	-0.031	0.6500
0.7500	0.083	0.026	0.006	-0.023	-0.055	-0.048	0.010	-0.013	-0.023	-0.002	-0.036	-0.089	-0.119	-0.135	-0.124		0.7500
0.8500	0.086	0.022	-0.006	-0.029	-0.098	-0.005	0.002	-0.006	-0.015	-0.009	-0.047	-0.099	-0.124	-0.137	-0.077	0.003	0.8500
0.9500	0.089	0.008	0.017	-0.036	-0.026	0.010	-0.018	-0.013	0.025	-0.026	-0.086	-0.126	-0.142	-0.103	-0.037	0.008	0.9500
								M = 1.300		α=-00.20							
0.0500	0.001	-0.009	-0.034	-0.076	-0.099	-0.085	-0.119	-0.112	0.068	-0.014	-0.034	-0.055	-0.072	-0.038	-0.037	0.006	0.0500
0.1500	0.012	-0.023	-0.036	-0.070	-0.159	-0.101	-0.115	-0.118	-0.007	0.000	-0.032	-0.047	-0.013	-0.040	-0.055	-0.016	0.1500
0.2500	0.013	-0.032	-0.043	-0.072	-0.099	-0.122	-0.115	-0.115	-0.019	0.003	-0.026	-0.046		-0.180	-0.168	-0.031	0.2500
0.3500	0.013	-0.029	-0.051	-0.076	-0.161	-0.099	-0.130	-0.115	-0.001	0.001	-0.036	-0.044	-0.070	-0.161	-0.150	-0.105	0.3500
0.4500	0.012	-0.019	-0.051	-0.085	-0.100	-0.086	-0.126	-0.115	0.063	-0.008	-0.041	-0.044	-0.065	-0.145	-0.101	-0.092	0.4500
0.5500	0.012	0.026	-0.050	-0.083	-0.123	-0.076	-0.123	-0.115	0.063	-0.001	-0.023	-0.056	-0.081	-0.081	-0.089	-0.074	0.5500
0.6500	0.008	-0.030	-0.046	-0.078	-0.159	-0.120	-0.106	-0.108	-0.004	0.007	-0.016	-0.049	-0.072	-0.073	-0.094	-0.051	0.6500
0.7500	0.007	-0.030	-0.045	-0.078	-0.102	-0.128	-0.103	-0.116	-0.019	0.007	-0.006	-0.048	-0.070	-0.076	-0.089		0.7500
0.8500	0.006	-0.024	-0.043	-0.078	-0.151	-0.107	-0.110	-0.112	-0.013	0.011	-0.011	-0.054	-0.073	-0.078	-0.059	-0.008	0.8500
0.9500	0.002	-0.018	-0.033	-0.088	-0.120	-0.089	-0.121	-0.108	0.049	0.002	-0.042	-0.068	-0.090	-0.069	-0.037	0.005	0.9500
								M = 1.299		α= 03.73							
0.0500	0.100	0.033	0.019	-0.028	0.006	0.020	-0.027	-0.008	0.044	-0.037	-0.081	-0.106	-0.127	-0.063	-0.030	0.023	0.0500
0.1500	0.089	0.031	0.016	-0.021	-0.092	-0.007	-0.003	-0.008	-0.011	-0.015	-0.059	-0.088	-0.064	-0.087	-0.064	0.010	0.1500
0.2500	0.086	0.031	0.016	-0.018	-0.043	-0.043	0.004	-0.013	-0.020	-0.006	-0.043	-0.084		-0.208	-0.200	-0.015	0.2500
0.3500	0.087	0.030	0.013	-0.023	-0.090	-0.011	-0.003	-0.013	-0.002	-0.015	-0.059	-0.084	-0.121	-0.201	-0.165	-0.094	0.3500
0.4500	0.103	0.029	0.003	-0.033	-0.003	0.010	-0.018	-0.020	0.049	-0.031	-0.089	-0.097	-0.116	-0.176	-0.100	-0.090	0.4500
0.5500	0.134	0.182	0.131	0.111	-0.004	0.016	-0.022	-0.015	0.093	0.042	0.037	0.017	-0.008	-0.022	-0.074	-0.067	0.5500
0.6500	0.174	0.117	0.132	0.092	0.014	0.031		-0.016	-0.003	0.027	0.036	0.018	-0.001	-0.007	-0.058	-0.060	0.6500
0.7500	0.184	0.130	0.132	0.093	0.074	0.009	0.006	-0.007	0.002	0.014	0.037	0.018	-0.002	-0.013	-0.036		0.7500
0.8500	0.165	0.129	0.132	0.094	0.013	0.026	0.001	0.006	-0.006	0.034	0.035	0.012	-0.004	-0.015	-0.024	-0.008	0.8500
0.9500	0.124	0.135	0.176	0.082	-0.008	0.018	-0.017	-0.001	0.073	0.036	0.016	0.004	-0.017	-0.015	-0.018	0.017	0.9500
								M = 1.299		α= 07.76							
0.0500	0.057	-0.045	-0.049	-0.082	-0.023	0.012	-0.033	-0.029	-0.002	-0.098	-0.142	-0.171	-0.188	-0.098	-0.041	0.016	0.0500
0.1500	0.047	-0.024	-0.046	-0.073	-0.141	-0.022	-0.009	-0.029	-0.026	-0.048	-0.114	-0.158	-0.131	-0.170	-0.091	0.025	0.1500
0.2500	0.056	-0.009	-0.033	-0.063	-0.098	-0.012	-0.001	-0.020	-0.030	-0.030	-0.092	-0.143		-0.249	-0.246	-0.008	0.2500
0.3500	0.051	-0.026	-0.046	-0.077	-0.139	-0.018	-0.014	-0.027	-0.019	-0.050	-0.114	-0.153	-0.184	-0.257	-0.181	-0.079	0.3500
0.4500	0.060	-0.041	-0.064	-0.083	-0.032	-0.010	-0.033	-0.038	0.003	-0.098	-0.145	-0.159	-0.179	-0.202	-0.116	-0.110	0.4500
0.5500	0.122	0.274	0.216	0.196	0.020	-0.008	-0.033	-0.005	0.126	0.098	0.105	0.095	0.076	0.036	-0.056	-0.082	0.5500
0.6500	0.211	0.205	0.217	0.188	0.080	0.062	-0.009	0.028	-0.002	0.063	0.098	0.093	0.075	0.063	-0.003	-0.071	0.6500
0.7500	0.243	0.206	0.230	0.188	0.153	0.067	0.029	0.004	0.018	0.022	0.110	0.094	0.080	0.059	0.031		0.7500
0.8500	0.214	0.197	0.217	0.188	0.082	0.057	-0.005	-0.028	-0.005	0.062	0.104	0.091	0.074	0.050	0.018	-0.020	0.8500
0.9500	0.121	0.211	0.226	0.176	0.027	-0.004	-0.027	-0.024	0.102	0.097	0.085	0.077	0.060	0.039	-0.002	0.012	0.9500

A 4 L 6

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(e) BV_5WC $\delta = 0.4°$- Continued

	Fraction of body length, x/l																
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 1.299		α = 11.89								
0.0500	-0.016	-0.145	-0.130	-0.142	-0.058	-0.057	-0.058	-0.058	-0.054	-0.169	-0.207	-0.237	-0.242	-0.135	-0.066	-0.013	0.0500
0.1500	-0.002	-0.087	-0.103	-0.139	-0.182	-0.050	-0.052	-0.060	-0.049	-0.098	-0.179	-0.233	-0.202	-0.252	-0.121	0.010	0.1500
0.2500	0.018	-0.040	-0.080	-0.125	-0.147	-0.016	-0.027	-0.047	-0.058	-0.066	-0.157	-0.213		-0.294	-0.303	0.013	0.2500
0.3500	-0.004	-0.099	-0.107	-0.137	-0.177	-0.050	-0.044	-0.059	-0.041	-0.098	-0.178	-0.223	-0.253	-0.317	-0.185	-0.080	0.3500
0.4500	-0.017	-0.137	-0.141	-0.157	-0.071	-0.063	-0.059	-0.058	-0.055	-0.174	-0.206	-0.225	-0.240	-0.239	-0.132	-0.130	0.4500
0.5500	0.078	0.351	0.307	0.259	0.041	-0.032	-0.089	-0.078	0.155	0.175	0.185	0.178	0.186	0.106	-0.066	-0.096	0.5500
0.6500	0.241	0.278	0.301	0.267	0.144	0.064	-0.018	-0.012	-0.009	0.077	0.186	0.182	0.178	0.148	0.022	-0.068	0.6500
0.7500	0.322	0.299	0.324	0.280	0.224	0.129	0.070	0.024	0.045	0.034	0.189	0.175	0.169	0.149	0.076		0.7500
0.8500	0.251	0.276	0.307	0.270	0.148	0.064	-0.017	-0.007	-0.013	0.071	0.184	0.176	0.175	0.137	0.043	-0.024	0.8500
0.9500	0.084	0.309	0.352	0.258	0.053	-0.028	-0.097	-0.078	0.115	0.182	0.173	0.163	0.166	0.116	-0.012	-0.015	0.9500
							M = 1.300		α = 15.82								
0.0500	-0.097	-0.192	-0.254	-0.248	-0.087	-0.109	-0.143	-0.101	-0.121	-0.240	-0.268	-0.290	-0.312	-0.175	-0.102	-0.086	0.0500
0.1500	-0.059	-0.160	-0.163	-0.178	-0.222	-0.082	-0.092	-0.077	-0.074	-0.144	-0.234	-0.286	-0.263	-0.312	-0.151	-0.030	0.1500
0.2500	0.003	-0.072	-0.122	-0.175	-0.194	-0.030	-0.081	-0.068	-0.097	-0.092	-0.223	-0.262		-0.343	-0.326	0.004	0.2500
0.3500	-0.069	-0.150	-0.161	-0.182	-0.220	-0.078	-0.078	-0.066	-0.074	-0.144	-0.228	-0.280	-0.306	-0.359	-0.211	-0.089	0.3500
0.4500	-0.096	-0.223	-0.269	-0.235	-0.092	-0.111	-0.128	-0.084	-0.126	-0.248	-0.271	-0.278	-0.297	-0.274	-0.149	-0.147	0.4500
0.5500	0.048	0.444	0.401	0.346	0.063	-0.074	-0.190	-0.147	0.144	0.253	0.277	0.293	0.244	0.177	-0.052	-0.114	0.5500
0.6500	0.292	0.362	0.392	0.362	0.205	0.088	-0.009	-0.044	-0.016	0.085	0.285	0.304	0.250	0.227	0.071	-0.059	0.6500
0.7500	0.413	0.407	0.430	0.388	0.292	0.202	0.114	0.071	0.063	0.075	0.287	0.307	0.251	0.241	0.143		0.7500
0.8500	0.300	0.365	0.405	0.368	0.210	0.090		-0.046	-0.015	0.076	0.280	0.306	0.247	0.226	0.084	-0.027	0.8500
0.9500	0.051	0.416	0.447	0.344	0.087	-0.068	-0.196	-0.145	0.112	0.255	0.269	0.288	0.223	0.191	-0.013	-0.062	0.9500
							M = 1.500		α = 03.73								
0.0500	0.079	0.024	0.008	-0.024	-0.030	0.028	-0.011	-0.021	0.030	-0.040	-0.053	-0.084	-0.109	-0.065	-0.028	-0.004	0.0500
0.1500	0.078	0.024	0.013	-0.016	-0.049	-0.004	-0.020	-0.016	-0.016	-0.010	-0.037	-0.075	-0.053	-0.080	-0.078	-0.036	0.1500
0.2500	0.067	0.024	0.007	-0.017	-0.025	-0.061	-0.003	-0.010	-0.022	-0.009	-0.025	-0.071		-0.165	-0.180	-0.064	0.2500
0.3500	0.065	0.024	0.006	-0.021	-0.052	0.001	-0.018	-0.016	-0.012	-0.010	-0.038	-0.077	-0.094	-0.159	-0.143	-0.129	0.3500
0.4500	0.083	0.024	-0.006	-0.024	-0.028	0.029	-0.010	-0.019	0.030	-0.036	-0.061	-0.080	-0.090	-0.148	-0.075	-0.089	0.4500
0.5500	0.108	0.187	0.123	0.094	-0.037	0.038	-0.001	-0.015	0.074	0.048	0.019	0.023	0.006	-0.001	-0.048	-0.060	0.5500
0.6500	0.143	0.112	0.115	0.081	0.030	0.930	0.004	-0.003	0.003	0.030	0.027	0.022	0.010	0.005	-0.027	-0.051	0.6500
0.7500	0.162	0.101	0.115	0.086	0.070	0.016	0.020	0.002	0.006		0.041	0.032	0.014	-0.007	-0.019		0.7500
0.8500	0.148	0.111	0.117	0.087	0.048	0.029	0.008	-0.003	-0.006	0.032	0.030	0.022	0.012	-0.012	-0.015	-0.016	0.8500
0.9500	0.113	0.129	0.148	0.088	-0.037	0.032	0.002	-0.017	0.065	0.034	0.026	0.010	0.008	-0.014	-0.011	-0.010	0.9500
							M = 1.700		α = 03.68								
0.0500	0.100	0.048	0.029	-0.002	-0.024	-0.043	0.012	-0.001	0.028	-0.021	-0.054	-0.077	-0.100	-0.068	-0.030	-0.025	0.0500
0.1500	0.082	0.047	0.026	-0.009	-0.030	-0.008	0.013	-0.014	-0.013		-0.036	-0.069	-0.055	-0.081	-0.085	-0.053	0.1500
0.2500	0.070	0.049	0.026	-0.007	-0.015	-0.040	0.016	-0.004	-0.005	-0.010	-0.026	-0.060		-0.146	-0.165	-0.093	0.2500
0.3500	0.076	0.040	0.032	-0.007	-0.036	-0.010	0.016	-0.011	-0.008	-0.001	-0.032	-0.068	-0.092	-0.142	-0.136	-0.125	0.3500
0.4500	0.099	0.029	0.021	-0.007	-0.029	0.019	0.015	-0.003	0.026	-0.026	-0.057	-0.074	-0.094	-0.128	-0.072	-0.086	0.4500
0.5500	0.130	0.221	0.130	0.108	-0.018	0.025	-0.001	0.004	0.071	0.040	0.022	0.019	-0.001	-0.007	-0.049	-0.062	0.5500
0.6500	0.167	0.145	0.122	0.091	0.071	0.032	0.020	0.004	0.005	0.022	0.024	0.019	-0.002	-0.006	-0.024	-0.053	0.6500
0.7500	0.185	0.133	0.134	0.087	0.083	0.047	0.027	0.018	0.007	0.003	0.043	0.024	-0.001	-0.011	-0.018		0.7500
0.8500	0.180	0.130	0.132	0.087	0.088	0.029	0.024	0.003	0.011	0.025	0.021	0.020	0.006	-0.012	-0.021	-0.029	0.8500
0.9500	0.139	0.148	0.147	0.099	-0.015	0.029	-0.011	-0.001	0.064	0.047	0.019	0.020	0.010	-0.023	-0.017	-0.026	0.9500
							M = 1.906		α = 03.93								
0.0500	0.079	0.023	0.008	0.043	-0.029	0.023	0.014	0.002	0.028	-0.010	-0.054	-0.061	-0.086	-0.053	-0.020	-0.023	0.0500
0.1500	0.073	0.026	0.012	-0.013	-0.034	-0.029	0.007	-0.003	-0.002	-0.007	-0.036	-0.054	-0.063	-0.062	-0.074	-0.052	0.1500
0.2500	0.070	0.027	0.012	-0.016	-0.027	-0.027	-0.020	0.008	-0.002	-0.014	-0.015	-0.045		-0.109	-0.132	-0.094	0.2500
0.3500	0.060	0.024	0.012	-0.016	-0.026	-0.023	-0.005	-0.003	-0.004	-0.005	-0.027	-0.053	-0.065	-0.112	-0.117	-0.103	0.3500
0.4500	0.079	0.017	0.006	-0.017	-0.045	0.010	0.008	0.000	0.023	-0.022	-0.057	-0.068	-0.079	-0.101	-0.069	-0.071	0.4500
0.5500	0.106	0.276	0.124	0.087	-0.003	0.029	0.010	0.012	0.067	0.043	0.021	0.003	-0.002	-0.005	-0.043	-0.053	0.5500
0.6500	0.142	0.138	0.129	0.099	0.077	0.034	0.040	0.016	0.023	0.022	0.024	0.015	0.004	-0.003	-0.026	-0.043	0.6500
0.7500	0.171	0.121	0.122	0.092	0.087	0.066	0.051	0.034	0.012	0.011	0.024	0.019	0.006	-0.006	-0.018		0.7500
0.8500	0.161	0.113	0.121	0.089	0.086	0.038	0.042	0.017	0.012	0.021	0.023	0.017	0.004	-0.006	-0.022	-0.027	0.8500
0.9500	0.119	0.123	0.133	0.109	0.017	0.035	0.013	0.009	0.056	0.049	0.028	0.010	0.003	-0.007	-0.018	-0.027	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(e) BV_5WC $\delta = 0.4°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 2.227		α=-03.83							
0.0500	0.107	0.107	0.106	0.076	0.008	0.027	0.023	0.009	0.052	0.036	0.010	0.015	0.002	0.029	-0.011	-0.018	0.0500
0.1500	0.146	0.092	0.092	0.075	0.065	0.037	0.030	0.024	-0.004	0.006	0.004	0.020	0.020	0.024	-0.007	-0.027	0.1500
0.2500	0.144	0.093	0.086	0.078	0.068	0.060	0.043	0.024	0.006	-0.010	0.016	0.019		-0.022	-0.056	-0.042	0.2500
0.3500	0.131	0.091	0.088	0.075	0.064	0.038	0.036	0.023	0.002	0.002	0.012	0.014	0.008	-0.022	-0.048	-0.057	0.3500
0.4500	0.106	0.103	0.098	0.075	0.003	0.026	0.024	0.005	0.045	0.036	0.011	0.012	0.003	-0.011	-0.038	-0.039	0.4500
0.5500	0.082	0.250	0.027	0.005	-0.024	0.017	0.015	0.006	0.028	-0.012	-0.032	-0.042	-0.049	-0.045	-0.036	-0.039	0.5500
0.6500	0.069	0.032	0.025	0.005	-0.005	-0.014	0.002	0.004	0.008		-0.010	-0.027	-0.037	-0.048	-0.058	-0.051	0.6500
0.7500	0.065	0.031	0.028	0.007	0.001	-0.007	-0.019	0.005	0.002	-0.003	0.001	-0.025	-0.036	-0.048	-0.061		0.7500
0.8500	0.068	0.033	0.022	0.006	-0.005	-0.014	0.004		-0.004	0.001	-0.014	-0.028	-0.040	-0.052	-0.055	-0.035	0.8500
0.9500	0.079	0.041	0.027	0.008	-0.028	0.015	0.019	0.007	0.022	-0.013	-0.027	-0.041	-0.044	-0.055	-0.018	-0.023	0.9500
								M = 2.227		α= 00.20							
0.0500	0.096	0.066	0.055	0.029	-0.011	0.016	0.019	0.009	0.040	0.015	-0.021	-0.018	-0.033	-0.016	-0.020	-0.020	0.0500
0.1500	0.101	0.060	0.051	0.032	0.018	-0.004	0.010	0.008	-0.004	0.003	-0.015	-0.012	-0.016	-0.011	-0.040	-0.046	0.1500
0.2500	0.100	0.057	0.047	0.034	0.024	0.014	-0.001	0.001	-0.006	-0.016	-0.004	-0.006		-0.044	-0.086	-0.065	0.2500
0.3500	0.090	0.054	0.044	0.031	0.020	0.001	0.017	0.006	-0.006	-0.007	-0.007	-0.014	-0.026	-0.053	-0.077	-0.075	0.3500
0.4500	0.094	0.059	0.050	0.029	-0.020	0.019	0.021	0.005	0.030	0.006	-0.018	-0.020	-0.034	-0.044	-0.051	-0.052	0.4500
0.5500	0.098	0.255	0.080	0.039	-0.018	0.024	0.019	0.006	0.037	0.011	-0.009	-0.022	-0.030	-0.029	-0.036	-0.045	0.5500
0.6500	0.100	0.101	0.067	0.041	0.030	0.007	0.011	0.006	0.008	0.008	-0.001	-0.017	-0.024	-0.028	-0.040	-0.044	0.6500
0.7500	0.102	0.061	0.061	0.042	0.034	0.015	0.001	0.006	0.008	-0.006	0.005	-0.014	-0.019	-0.029	-0.039		0.7500
0.8500	0.101	0.059	0.063	0.040	0.032	0.004	0.013	0.010	-0.001	0.003	0.001	-0.014	-0.023	-0.034	-0.036	-0.037	0.8500
0.9500	0.099	0.074	0.072	0.041	-0.018	0.015	0.020	0.011	0.029	0.010	-0.009	-0.020	-0.027	-0.036	-0.024	-0.021	0.9500
								M = 2.230		α= 04.18							
0.0500	0.068	0.029	0.007	-0.003	-0.027	0.015	0.015	-0.005	0.015	-0.015	-0.046	-0.016	-0.069	-0.035	-0.018	-0.013	0.0500
0.1500	0.075	0.025	0.009	-0.008	-0.016	-0.016	0.003	-0.011	-0.017	-0.021	-0.044	-0.043	-0.054	-0.043	-0.064	-0.046	0.1500
0.2500	0.059	0.025	0.012	-0.005	-0.010	-0.020	-0.027	-0.005	-0.020	-0.014	-0.017	-0.037		-0.077	-0.101	-0.082	0.2500
0.3500	0.058	0.021	0.010	-0.007	-0.015	-0.025	0.006	-0.011	-0.012	-0.016	-0.023	-0.040	-0.049	-0.078	-0.101	-0.087	0.3500
0.4500	0.072	0.015	0.002	-0.006	-0.047	0.008	0.016	-0.006	0.006	-0.026	-0.055	-0.057	-0.062	-0.075	-0.063	-0.058	0.4500
0.5500	0.098	0.293	0.128	0.093	0.013	0.024	0.020	-0.004	0.029	0.034	0.016	0.015	-0.006	-0.002	-0.037	-0.041	0.5500
0.6500	0.137	0.141	0.105	0.095	0.075	0.042	0.031	0.016	0.006	0.039	0.028	0.019	0.013	0.011	-0.024	-0.028	0.6500
0.7500	0.155	0.103	0.098	0.098	0.082	0.069	0.042	0.027	0.018	0.012	0.020	0.017	0.017	0.010	-0.006		0.7500
0.8500	0.146	0.105	0.107	0.097	0.082	0.046	0.034	0.028	0.007	0.005	0.016	0.019	0.017	0.008		-0.014	0.8500
0.9500	0.106	0.119	0.132	0.099	0.019	0.031	0.022	0.005	0.033	0.030	0.025	0.015	0.014	0.005	-0.004	-0.014	0.9500
								M = 2.224		α= 08.21							
0.0500	0.043	-0.014	-0.037	-0.043	-0.033	0.009	-0.001	-0.021	-0.015	-0.063	-0.102	-0.064	-0.091	-0.062	-0.032	-0.032	0.0500
0.1500	0.042	-0.014	-0.029	-0.041	-0.049	-0.036	-0.020	-0.035	-0.033	-0.037	-0.071	-0.073	-0.087	-0.074	-0.093	-0.058	0.1500
0.2500	0.035	0.002	-0.014	-0.038	-0.043	-0.051	-0.038	-0.012	-0.030	-0.032	-0.039	-0.061		-0.096	-0.129	-0.107	0.2500
0.3500	0.026	-0.014	-0.024	-0.037	-0.050	-0.046	-0.017	-0.035	-0.030	-0.039	-0.059	-0.077	-0.090	-0.100	-0.110	-0.095	0.3500
0.4500	0.038	-0.037	-0.043	-0.042	-0.054	0.016	-0.008	-0.033	-0.028	-0.074	-0.095	-0.084	-0.092	-0.094	-0.064	-0.061	0.4500
0.5500	0.104	0.326	0.189	0.140	0.051	0.021	0.007	-0.030	0.009	0.057	0.078	0.049	0.047	0.049	-0.028	-0.038	0.5500
0.6500	0.176	0.141	0.167	0.146	0.114	0.088	0.057	0.032	0.006		0.058	0.056	0.053	0.047	0.030	-0.017	0.6500
0.7500	0.220	0.150	0.155	0.156	0.142	0.121	0.086	0.064	0.037	0.022	0.016	0.055	0.059	0.050	0.036		0.7500
0.8500	0.212	0.145	0.158	0.145	0.140	0.095	0.070	0.036	0.019	-0.004	0.058	0.061	0.055	0.049	0.034	0.006	0.8500
0.9500	0.120	0.149	0.191	0.159	0.064	0.042	0.013	-0.021	0.008	0.048	0.068	0.056	0.057	0.047	-0.009	-0.015	0.9500
								M = 2.234		α= 12.24							
0.0500	0.001	-0.045	-0.076	-0.083	-0.052	0.003	-0.044	-0.063	-0.084	-0.096	-0.123	-0.103	-0.118	-0.081	-0.041	-0.034	0.0500
0.1500	0.008	-0.050	-0.067	-0.068	-0.073	-0.059	-0.045	-0.061	-0.055	-0.061	-0.100	-0.095	-0.114	-0.098	-0.100	-0.075	0.1500
0.2500	0.006	-0.008	-0.036	-0.062	-0.071	-0.075	-0.040	-0.028	-0.045	-0.052	-0.064	-0.088		-0.115	-0.143	-0.096	0.2500
0.3500	-0.006	-0.051	-0.051	-0.067	-0.076	-0.067	-0.032	-0.058	-0.046	-0.057	-0.089	-0.102	-0.117	-0.116	-0.107	-0.108	0.3500
0.4500	-0.005	-0.068	-0.078	-0.082	-0.068	0.007	-0.039	-0.065	-0.079	-0.106	-0.122	-0.106	-0.110	-0.107	-0.073	-0.071	0.4500
0.5500	0.112	0.356	0.235	0.198	0.118	0.006	-0.027	-0.062	-0.032	0.083	0.112	0.108	0.104	0.105	-0.002	-0.029	0.5500
0.6500	0.238	0.190	0.232	0.216	0.202	0.119	0.104	0.055	0.035	0.026	0.076	0.112	0.124	0.111	0.091	0.035	0.6500
0.7500	0.319	0.236	0.223	0.221	0.215	0.169	0.163	0.117	0.091	0.086	0.053	0.106	0.124	0.108	0.095		0.7500
0.8500	0.276	0.196	0.221	0.214	0.208	0.163	0.120	0.072	0.043	0.019	0.082	0.121	0.122	0.109	0.090	0.039	0.8500
0.9500	0.116	0.204	0.260	0.236	0.116	0.032	-0.011	-0.037	-0.041	0.071	0.109	0.111	0.109	0.105	0.011	-0.011	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(e) BV_5WC $\delta = 0.4°$ - Concluded

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M= 2.231 α= 16.31																	
0.0500	-0.041	-0.132	-0.124	-0.125	-0.089	-0.013	-0.067	-0.102	-0.134	-0.149	-0.156	-0.123	-0.136	-0.094	-0.062	-0.061	0.0500
0.1500	-0.022	-0.101	-0.082	-0.092	-0.095	-0.047	-0.070	-0.075	-0.077	-0.079	-0.116	-0.112	-0.139	-0.119	-0.102	-0.094	0.1500
0.2500	-0.010	-0.026	-0.054	-0.084	-0.087	-0.093	-0.031	-0.049	-0.072	-0.072	-0.085	-0.104		-0.129	-0.160	-0.083	0.2500
0.3500	-0.038	-0.082	-0.083	-0.085	-0.093	-0.057	-0.061	-0.074	-0.068	-0.078	-0.104	-0.121	-0.140	-0.130	-0.117	-0.121	0.3500
0.4500	-0.046	-0.105	-0.128	-0.122	-0.093	-0.026	-0.073	-0.107	-0.132	-0.154	-0.153	-0.126	-0.128	-0.120	-0.088	-0.089	0.4500
0.5500	0.098	0.387	0.309	0.311	0.185	0.006	-0.040	-0.071	-0.044	0.137	0.140	0.163	0.161	0.166	0.028	-0.025	0.5500
0.6500	0.327	0.246	0.301	0.297	0.283	0.221	0.166	0.108	0.083	0.066	0.105	0.180	0.199	0.177	0.153	0.081	0.6500
0.7500	0.411	0.331	0.304	0.316	0.301	0.280	0.240	0.191	0.162	0.146	0.111	0.160	0.202	0.171	0.166		0.7500
0.8500	0.339	0.257	0.293	0.293	0.285	0.224	0.174	0.116	0.085	0.062	0.105	0.181	0.194	0.176	0.149	0.080	0.8500
0.9500	0.132	0.247	0.310	0.326	0.187	0.021	-0.030	-0.062	-0.045	0.117	0.138	0.165	0.168	0.162	0.032	-0.001	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(f) BW

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 0.698		α=-04.42							
0.0500	0.050	0.022	-0.006	-0.028	-0.037	-0.043	-0.050	-0.047	0.076	0.028	-0.017	-0.026	-0.042	0.006	0.011	0.065	0.0500
0.1500	0.061	0.040	0.019	-0.013	-0.016	-0.025	-0.034	-0.024	0.008	0.006	-0.019	-0.027	-0.042	-0.007	0.008	0.071	0.1500
0.2500	0.115	0.057	0.035	-0.002	-0.002	-0.007	-0.015	-0.006	0.002	-0.007	-0.019	-0.032	-0.041	-0.011	0.008	0.071	0.2500
0.3500	0.104	0.054	0.030	0.003	-0.010	-0.009	-0.014	0.002	0.011	0.001	-0.019	-0.033	-0.043	-0.010	0.009	0.070	0.3500
0.4500	0.067	0.019	-0.006	-0.022	-0.033	-0.040	-0.040	-0.016	0.073	0.023	-0.019	-0.035	-0.044	-0.001	0.014	0.065	0.4500
0.5500	0.035	0.013	-0.023	-0.039	-0.044	-0.052	-0.059	-0.042	-0.105	-0.172	-0.180	-0.162	-0.113	-0.009	0.006	0.059	0.5500
0.6500	0.024	-0.014	-0.032	-0.047	-0.050	-0.056	-0.060	-0.047	-0.082	-0.124	-0.152	-0.148	-0.111	-0.031		0.058	0.6500
0.7500	0.015	-0.017	-0.031	-0.047	-0.052	-0.051	-0.057	-0.054	-0.078	-0.110	-0.139	-0.138	-0.104	-0.034	-0.003		0.7500
0.8500	0.015	-0.016	-0.032	-0.051	-0.052	-0.051	-0.058	-0.052	-0.083	-0.121	-0.157	-0.148	-0.112	-0.029	0.001	0.059	0.8500
0.9500	0.024	-0.011	-0.028	-0.050	-0.054	-0.056	-0.059	-0.045	-0.105	-0.167	-0.181	-0.170	-0.124	-0.009	0.008	0.061	0.9500
								M = 0.700		α=-00.06							
0.0500	0.047	0.022	-0.012	-0.033	-0.035	-0.042	-0.047	-0.036	-0.023	-0.088	-0.118	-0.112	-0.101	-0.014	-0.003	0.051	0.0500
0.1500	0.046	0.011	-0.015	-0.036	-0.040	-0.046	-0.051	-0.036	-0.050	-0.078	-0.105	-0.104	-0.092	-0.029	-0.005	0.054	0.1500
0.2500	0.047	0.010	-0.019	-0.036	-0.043	-0.046	-0.051	-0.042	-0.058	-0.081	-0.103	-0.103	-0.090	-0.036	-0.006	0.053	0.2500
0.3500	0.046	0.007	-0.017	-0.064	-0.044	-0.043	-0.051	-0.042	-0.050	-0.082	-0.104	-0.107	-0.092	-0.033	-0.004	0.053	0.3500
0.4500	0.049	0.010	-0.015	-0.064	-0.040	-0.044	-0.049	-0.033	-0.029	-0.093	-0.117	-0.117	-0.098	-0.017	0.002	0.051	0.4500
0.5500	0.054	0.031	-0.012	-0.030	-0.037	-0.042	-0.046	-0.028	-0.003	-0.071	-0.099	-0.103	-0.082	-0.015	-0.003	0.050	0.5500
0.6500	0.057	0.017	-0.010	-0.032	-0.037	-0.040	-0.043	-0.030	-0.038	-0.062	-0.087	-0.095	-0.081	-0.032	-0.008	0.050	0.6500
0.7500	0.059	0.015	-0.006	-0.031	-0.038	-0.039	-0.044	-0.034	-0.049	-0.064	-0.084	-0.092	-0.079	-0.036	-0.011		0.7500
0.8500	0.059	0.014	-0.008	-0.030	-0.040	-0.042	-0.046	-0.035	-0.041	-0.062	-0.092	-0.096	-0.083	-0.030	-0.008	0.050	0.8500
0.9500	0.052	0.010	-0.007	-0.033	-0.040	-0.042	-0.047	-0.030	-0.007	-0.068	-0.102	-0.109	-0.092	-0.016	-0.002	0.052	0.9500
								M = 0.699		α= 03.83							
0.0500	0.017	-0.012	-0.030	-0.047	-0.059	-0.061	-0.065	-0.054	-0.119	-0.186	-0.197	-0.169	-0.133	-0.011	0.002	0.062	0.0500
0.1500	0.010	-0.021	-0.040	-0.056	-0.059	-0.063	-0.068	-0.061	-0.096	-0.137	-0.167	-0.156	-0.124	-0.035	-0.003	0.056	0.1500
0.2500	0.005	-0.023	-0.043	-0.055	-0.057	-0.058	-0.065	-0.063	-0.088	-0.125	-0.156	-0.149	-0.118	-0.038	-0.003	0.057	0.2500
0.3500	0.005	-0.025	-0.044	-0.055	-0.061	-0.061	-0.065	-0.065	-0.093	-0.141	-0.167	-0.160	-0.124	-0.036	-0.001	0.054	0.3500
0.4500	0.014	-0.019	-0.041	-0.059	-0.063	-0.064	-0.070	-0.056	-0.131	-0.186	-0.192	-0.174	-0.133	-0.015	0.005	0.057	0.4500
0.5500	0.054	0.019	-0.015	-0.050	-0.043	-0.052	-0.064	-0.037	0.084	0.033	-0.007	-0.030	-0.030	-0.005	0.004	0.059	0.5500
0.6500	0.096	0.039	0.016	-0.020	-0.015	-0.027	-0.052	-0.011	0.013	0.010	-0.008	-0.030	-0.036	-0.016	0.003	0.062	0.6500
0.7500	0.116	0.058	0.035	0.009	-0.009	-0.011	-0.020	-0.002	0.007	0.001	-0.011	-0.030	-0.035	-0.017	0.000		0.7500
0.8500	0.100	0.050	0.026	-0.004	-0.010	-0.021	-0.011	-0.009	0.008	0.007	-0.017	-0.030	-0.040	-0.014	0.002	0.062	0.8500
0.9500	0.053	0.014	-0.006	-0.039	-0.036	-0.052	-0.038	-0.033	0.076	0.033	-0.011	-0.037	-0.043	-0.003	0.005	0.060	0.9500
								M = 0.700		α= 07.76							
0.0500	-0.045	-0.073	-0.092	-0.107	-0.115	-0.121	-0.127	-0.108	-0.274	-0.328	-0.318	-0.252	-0.181	-0.028	-0.011	0.040	0.0500
0.1500	-0.041	-0.064	-0.084	-0.102	-0.099	-0.099	-0.096	-0.110	-0.171	-0.241	-0.279	-0.244	-0.187	-0.058	-0.024	0.039	0.1500
0.2500	-0.046	-0.062	-0.070	-0.078	-0.075	-0.078	-0.084	-0.099	-0.143	-0.207	-0.235	-0.216	-0.162	-0.054	-0.019	0.053	0.2500
0.3500	-0.044	-0.068	-0.086	-0.092	-0.094	-0.086	-0.099	-0.101	-0.168	-0.242	-0.276	-0.248	-0.187	-0.061	-0.021	0.039	0.3500
0.4500	-0.047	-0.079	-0.099	-0.115	-0.118	-0.119	-0.102	-0.117	-0.292	-0.334	-0.307	-0.253	-0.180	-0.030	-0.006	0.040	0.4500
0.5500	0.014	-0.010	-0.058	-0.089	-0.085	-0.092	-0.094	-0.078	0.145	0.129	0.062	0.028	-0.001	-0.005	-0.005	0.051	0.5500
0.6500	0.125	0.061	0.025		-0.010	-0.018	-0.033	-0.002	0.049	0.073	0.062	0.029	0.002	-0.008	-0.002	0.058	0.6500
0.7500	0.175	0.111	0.083	0.049	0.031	0.020	0.019	0.030	0.061	0.069	0.060	0.028	0.002	-0.007	-0.004		0.7500
0.8500	0.130	0.074	0.040	0.006	-0.005	-0.006	-0.013	0.008	0.042	0.069	0.052	0.027	-0.002	-0.009	-0.002	0.058	0.8500
0.9500	0.053	-0.026	-0.034	-0.076	-0.084	-0.091	-0.090	-0.072	0.133	0.128	0.057	0.014	-0.009	-0.009	-0.002	0.054	0.9500
								M = 0.696		α= 11.79							
0.0500	-0.128	-0.147	-0.173	-0.190	-0.181	-0.178	-0.191	-0.190	-0.459	-0.489	-0.421	-0.325	-0.215	-0.035	-0.005	0.051	0.0500
0.1500	-0.099	-0.104	-0.115	-0.128	-0.162	-0.130	-0.133	-0.134	-0.242	-0.351	-0.394	-0.347	-0.265	-0.060	-0.015	0.054	0.1500
0.2500	-0.063	-0.071	-0.075	-0.097	-0.080	-0.098	-0.083	-0.103	-0.181	-0.272	-0.317	-0.268	-0.190	-0.060	-0.018	0.057	0.2500
0.3500	-0.082	-0.096	-0.109	-0.108	-0.102	-0.106	-0.121	-0.127	-0.239	-0.355	-0.389	-0.347	-0.264	-0.060	-0.010	0.051	0.3500
0.4500	-0.116	-0.148	-0.171	-0.182	-0.181	-0.186	-0.193	-0.186	-0.483	-0.493	-0.416	-0.323	-0.212	-0.038	-0.002	0.049	0.4500
0.5500	-0.031	-0.079	-0.129	-0.158	-0.159	-0.154	-0.152	-0.135	0.218	0.233	0.148	0.102	0.053	0.008	0.014	0.067	0.5500
0.6500	0.157	0.041	0.062	0.028	-0.014	-0.040	-0.002	0.027	0.102	0.153	0.151	0.106	0.059	0.017	0.019	0.073	0.6500
0.7500	0.234	0.152	0.142	0.090	0.088	0.038	0.082	0.097	0.146	0.162	0.151	0.104	0.059	0.022	0.017		0.7500
0.8500	0.219	0.129	0.077	0.047	0.020	0.011	-0.001	0.033	0.093	0.147	0.139	0.103	0.054	0.018	0.017	0.074	0.8500
0.9500	-0.022	-0.072	-0.092	-0.071	-0.112	-0.128	-0.137	-0.119	0.204	0.234	0.143	0.086	0.045	0.012	0.017	0.069	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(f) BW

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 0.698		α=-04.42							
0.0500	0.050	0.022	-0.006	-0.028	-0.037	-0.043	-0.050	-0.047	0.076	0.028	-0.017	-0.026	-0.042	0.006	0.011	0.065	0.0500
0.1500	0.061	0.040	0.019	-0.013	-0.016	-0.025	-0.034	-0.024	0.008	0.006	-0.019	-0.027	-0.042	-0.007	0.008	0.071	0.1500
0.2500	0.115	0.057	0.035	-0.002	-0.002	-0.007	-0.015	-0.006	0.002	-0.007	-0.019	-0.032	-0.041	-0.011	0.008	0.071	0.2500
0.3500	0.104	0.054	0.030	0.003	-0.010	-0.009	-0.014	0.002	0.011	0.001	-0.019	-0.033	-0.043	-0.010	0.009	0.070	0.3500
0.4500	0.067	0.019	-0.006	-0.022	-0.033	-0.040	-0.040	-0.016	0.073	0.023	-0.019	-0.035	-0.044	-0.001	0.014	0.065	0.4500
0.5500	0.035	0.013	-0.023	-0.039	-0.044	-0.052	-0.059	-0.042	-0.105	-0.172	-0.180	-0.162	-0.113	-0.009	0.006	0.059	0.5500
0.6500	0.024	-0.014	-0.032	-0.047	-0.050	-0.056	-0.060	-0.047	-0.082	-0.124	-0.152	-0.148	-0.111	-0.031		0.058	0.6500
0.7500	0.015	-0.017	-0.031	-0.047	-0.052	-0.051	-0.057	-0.054	-0.078	-0.110	-0.139	-0.138	-0.104	-0.034	-0.003		0.7500
0.8500	0.015	-0.016	-0.032	-0.051	-0.052	-0.051	-0.058	-0.052	-0.083	-0.121	-0.157	-0.148	-0.112	-0.029	0.001	0.059	0.8500
0.9500	0.024	-0.011	-0.028	-0.050	-0.054	-0.056	-0.059	-0.045	-0.105	-0.167	-0.181	-0.170	-0.124	-0.009	0.008	0.061	0.9500
								M = 0.700		α=-00.06							
0.0500	0.047	0.022	-0.012	-0.033	-0.035	-0.042	-0.047	-0.036	-0.023	-0.088	-0.118	-0.112	-0.101	-0.014	-0.003	0.051	0.0500
0.1500	0.046	0.011	-0.015	-0.036	-0.040	-0.046	-0.051	-0.036	-0.050	-0.078	-0.105	-0.104	-0.092	-0.029	-0.005	0.054	0.1500
0.2500	0.047	0.010	-0.019	-0.036	-0.043	-0.046	-0.051	-0.042	-0.058	-0.081	-0.103	-0.103	-0.090	-0.036	-0.006	0.053	0.2500
0.3500	0.046	0.007	-0.017	-0.034	-0.044	-0.043	-0.051	-0.042	-0.050	-0.082	-0.104	-0.107	-0.092	-0.033	-0.004	0.053	0.3500
0.4500	0.049	0.010	-0.015	-0.034	-0.040	-0.044	-0.049	-0.033	-0.029	-0.093	-0.117	-0.117	-0.098	-0.017	0.002	0.051	0.4500
0.5500	0.054	0.031	-0.012	-0.030	-0.037	-0.042	-0.046	-0.028	-0.003	-0.071	-0.099	-0.103	-0.082	-0.015	-0.003	0.050	0.5500
0.6500	0.057	0.017	-0.010	-0.032	-0.037	-0.040	-0.043	-0.030	-0.038	-0.062	-0.087	-0.095	-0.081	-0.032	-0.008	0.050	0.6500
0.7500	0.059	0.015	-0.006	-0.031	-0.038	-0.039	-0.044	-0.034	-0.049	-0.064	-0.084	-0.092	-0.079	-0.036	-0.011		0.7500
0.8500	0.059	0.014	-0.008	-0.030	-0.040	-0.042	-0.046	-0.035	-0.041	-0.062	-0.092	-0.096	-0.083	-0.030	-0.008	0.050	0.8500
0.9500	0.052	0.010	-0.007	-0.033	-0.040	-0.042	-0.047	-0.030	-0.007	-0.068	-0.102	-0.109	-0.092	-0.016	-0.002	0.052	0.9500
								M = 0.699		α= 03.83							
0.0500	0.017	-0.012	-0.030	-0.047	-0.059	-0.061	-0.065	-0.054	-0.119	-0.186	-0.197	-0.169	-0.133	-0.011	0.002	0.062	0.0500
0.1500	0.010	-0.021	-0.040	-0.056	-0.059	-0.063	-0.068	-0.061	-0.096	-0.137	-0.167	-0.156	-0.124	-0.035	-0.003	0.056	0.1500
0.2500	0.005	-0.023	-0.043	-0.055	-0.057	-0.058	-0.065	-0.063	-0.088	-0.125	-0.156	-0.149	-0.118	-0.038	-0.003	0.057	0.2500
0.3500	0.005	-0.025	-0.044	-0.055	-0.061	-0.061	-0.065	-0.065	-0.093	-0.141	-0.167	-0.160	-0.124	-0.036	-0.001	0.054	0.3500
0.4500	0.014	-0.019	-0.041	-0.059	-0.063	-0.064	-0.070	-0.056	-0.131	-0.186	-0.192	-0.174	-0.133	-0.015	0.005	0.057	0.4500
0.5500	0.054	0.019	-0.015	-0.050	-0.043	-0.052	-0.064	-0.037	0.084	0.033	-0.007	-0.030	-0.030	-0.005	0.004	0.059	0.5500
0.6500	0.096	0.039	0.016	-0.020	-0.015	-0.027	-0.052	-0.011	0.013	0.010	-0.008	-0.030	-0.036	-0.016	0.003	0.062	0.6500
0.7500	0.116	0.058	0.035	0.009	-0.009	-0.011	-0.020	-0.002	0.007	0.001	-0.011	-0.030	-0.035	-0.017	0.000		0.7500
0.8500	0.100	0.050	0.026	-0.004	-0.010	-0.021	-0.011	-0.009	0.008	0.007	-0.017	-0.030	-0.040	-0.014	0.002	0.062	0.8500
0.9500	0.053	0.014	-0.006	-0.039	-0.036	-0.052	-0.038	-0.033	0.076	0.033	-0.011	-0.037	-0.043	-0.003	0.005	0.060	0.9500
								M = 0.700		α= 07.76							
0.0500	-0.045	-0.073	-0.092	-0.107	-0.115	-0.121	-0.127	-0.108	-0.274	-0.328	-0.318	-0.252	-0.181	-0.028	-0.011	0.040	0.0500
0.1500	-0.041	-0.064	-0.084	-0.102	-0.099	-0.099	-0.096	-0.110	-0.171	-0.241	-0.279	-0.244	-0.187	-0.058	-0.024	0.039	0.1500
0.2500	-0.046	-0.062	-0.070	-0.078	-0.075	-0.078	-0.084	-0.099	-0.143	-0.207	-0.235	-0.216	-0.162	-0.054	-0.019	0.053	0.2500
0.3500	-0.044	-0.068	-0.086	-0.092	-0.094	-0.086	-0.099	-0.101	-0.168	-0.242	-0.276	-0.248	-0.187	-0.061	-0.021	0.039	0.3500
0.4500	-0.047	-0.079	-0.099	-0.115	-0.118	-0.119	-0.102	-0.117	-0.292	-0.334	-0.307	-0.253	-0.180	-0.030	-0.006	0.040	0.4500
0.5500	0.014	-0.010	-0.058	-0.089	-0.085	-0.092	-0.094	-0.078	0.145	0.129	0.062	0.028	-0.001	-0.005	-0.005	0.051	0.5500
0.6500	0.125	0.061	0.025		-0.010	-0.018	-0.033	-0.002	0.049	0.073	0.062	0.029	0.002	-0.008	-0.002	0.058	0.6500
0.7500	0.175	0.111	0.083	0.049	0.031	0.020	0.019	0.030	0.061	0.069	0.060	0.028	0.002	-0.007	-0.004		0.7500
0.8500	0.130	0.074	0.040	0.006	-0.005	-0.006	-0.013	0.008	0.042	0.069	0.052	0.027	-0.002	-0.009	-0.002	0.058	0.8500
0.9500	0.053	-0.026	-0.034	-0.076	-0.084	-0.091	-0.090	-0.072	0.133	0.128	0.057	0.014	-0.009	-0.009	-0.002	0.054	0.9500
								M = 0.696		α= 11.79							
0.0500	-0.128	-0.147	-0.173	-0.190	-0.181	-0.178	-0.191	-0.190	-0.459	-0.489	-0.421	-0.325	-0.215	-0.035	-0.005	0.051	0.0500
0.1500	-0.099	-0.104	-0.115	-0.128	-0.162	-0.130	-0.133	-0.134	-0.242	-0.351	-0.394	-0.347	-0.265	-0.060	-0.015	0.054	0.1500
0.2500	-0.063	-0.071	-0.075	-0.097	-0.080	-0.098	-0.083	-0.103	-0.181	-0.272	-0.317	-0.268	-0.190	-0.060	-0.018	0.057	0.2500
0.3500	-0.082	-0.096	-0.109	-0.108	-0.102	-0.106	-0.121	-0.127	-0.239	-0.355	-0.389	-0.347	-0.264	-0.060	-0.010	0.051	0.3500
0.4500	-0.116	-0.148	-0.171	-0.182	-0.181	-0.186	-0.193	-0.186	-0.483	-0.493	-0.416	-0.323	-0.212	-0.038	-0.002	0.049	0.4500
0.5500	-0.031	-0.079	-0.129	-0.158	-0.159	-0.154	-0.152	-0.135	0.218	0.233	0.148	0.102	0.053	0.008	0.014	0.067	0.5500
0.6500	0.157	0.041	0.062	0.028	-0.014	-0.040	-0.002	0.027	0.102	0.153	0.151	0.106	0.059	0.017	0.019	0.073	0.6500
0.7500	0.234	0.152	0.142	0.090	0.088	0.038	0.082	0.097	0.146	0.162	0.151	0.104	0.059	0.022	0.017		0.7500
0.8500	0.219	0.129	0.077	0.047	0.020	0.011	-0.001	0.033	0.093	0.147	0.139	0.103	0.054	0.018	0.017	0.074	0.8500
0.9500	-0.022	-0.072	-0.092	-0.071	-0.112	-0.128	-0.137	-0.119	0.204	0.234	0.143	0.086	0.045	0.012	0.017	0.069	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(f) BW - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 0.699 α = 15.67																	
0.0500	-0.237	-0.254	-0.283	-0.294	-0.295	-0.291	-0.306	-0.297	-0.697	-0.711	-0.610	-0.461	-0.299	-0.023	0.013	0.062	0.0500
0.1500	-0.196	-0.209	-0.207	-0.173	-0.172	-0.196	-0.173	-0.187	-0.348	-0.486	-0.551	-0.537	-0.352	-0.084	-0.038	0.037	0.1500
0.2500	-0.088	-0.099	-0.144	-0.097	-0.100	-0.107	-0.089	-0.138	-0.257	-0.386	-0.412	-0.342	-0.240	-0.094	-0.046	0.036	0.2500
0.3500	-0.199	-0.117	-0.114	-0.146	-0.145	-0.139	-0.151	-0.187	-0.348	-0.493	-0.546	-0.533	-0.363	-0.081	-0.034	0.036	0.3500
0.4500	-0.236	-0.264	-0.263	-0.289	-0.287	-0.290	-0.284	-0.288	-0.706	-0.716	-0.609	-0.459	-0.290	-0.029	0.018	0.061	0.4500
0.5500	-0.141	-0.153	-0.222	-0.229	-0.239	-0.251	-0.270	-0.229	0.262	0.311	0.224	0.156	0.098	0.024	0.023	0.078	0.5500
0.6500	0.174	0.101	0.066	0.033	0.009	0.006	0.007	0.033	0.132	0.209	0.216	0.165	0.100	0.030	0.025	0.081	0.6500
0.7500	0.335	0.250	0.183	0.162	0.128	0.127	0.139	0.166	0.211	0.237	0.224	0.166	0.102	0.039	0.025		0.7500
0.8500	0.192	0.109	0.076	0.047	0.016	0.017	0.004	0.032	0.118	0.201	0.206	0.160	0.096	0.031	0.022	0.081	0.8500
0.9500	-0.104	-0.166	-0.186	-0.229	-0.231	-0.232	-0.243	-0.223	0.242	0.312	0.223	0.145	0.084	0.023	0.023	0.081	0.9500
M = 0.903 α = 03.78																	
0.0500	0.034	-0.001	-0.029	-0.053	-0.061	-0.067	-0.077	-0.049	-0.082	-0.172	-0.219	-0.232	-0.201	0.003	0.019	0.080	0.0500
0.1500	0.035	-0.007	-0.036	-0.059	-0.063	-0.067	-0.069	-0.049	-0.072	-0.132	-0.193	-0.216	-0.187	-0.018	0.016	0.082	0.1500
0.2500	0.026	-0.011	-0.040	-0.057	-0.061	-0.064	-0.066	-0.050	-0.067	-0.121	-0.177	-0.210	-0.178	-0.023	0.016	0.085	0.2500
0.3500	0.025	-0.014	-0.040	-0.060	-0.065	-0.062	-0.067	-0.051	-0.070	-0.136	-0.187	-0.217	-0.183	-0.019	0.018	0.082	0.3500
0.4500	0.038	-0.006	-0.037	-0.060	-0.067	-0.068	-0.074	-0.050	-0.092	-0.178	-0.208	-0.230	-0.192	0.001	0.025	0.080	0.4500
0.5500	0.071	0.042	-0.016	-0.040	-0.051	-0.056	-0.064	-0.042	0.102	0.030	-0.021	-0.047	-0.044	0.010	0.019	0.083	0.5500
0.6500	0.113	0.056	0.020	-0.006	-0.029	-0.027	-0.043	-0.020	0.029	0.016	-0.019	-0.044	-0.047	-0.006	0.015	0.088	0.6500
0.7500	0.135	0.066	0.040	0.005	-0.011	-0.019	-0.028	-0.005	0.020	0.008	-0.019	-0.044	-0.047	-0.009	0.010		0.7500
0.8500	0.125	0.057	0.031	-0.009	-0.019	-0.030	-0.037	-0.012	0.024	0.015	-0.026	-0.045	-0.052	-0.002	0.015	0.088	0.8500
0.9500	0.083	0.021	-0.003	-0.047	-0.045	-0.057	-0.060	-0.038	0.097	0.034	-0.023	-0.055	-0.058	0.013	0.020	0.083	0.9500
M = 0.957 α = 03.88																	
0.0500	0.039	0.014	-0.029	-0.067	-0.075	-0.080	-0.091	-0.049	-0.056	-0.168	-0.224	-0.252	-0.297	-0.010	0.045	0.101	0.0500
0.1500	0.033	-0.008	-0.043	-0.072	-0.075	-0.080	-0.088	-0.046	-0.051	-0.122	-0.196	-0.239	-0.273	-0.026	0.048	0.102	0.1500
0.2500	0.028	-0.016	-0.049	-0.069	-0.074	-0.076	-0.082	-0.044	-0.046	-0.112	-0.186	-0.236	-0.265	-0.029	0.050	0.106	0.2500
0.3500	0.026	-0.016	-0.048	-0.074	-0.080	-0.077	-0.085	-0.045	-0.048	-0.124	-0.194	-0.242	-0.267	-0.027	0.049	0.102	0.3500
0.4500	0.039	-0.010	-0.044	-0.071	-0.078	-0.082	-0.088	-0.048	-0.068	-0.164	-0.214	-0.254	-0.272	-0.012	0.050	0.099	0.4500
0.5500	0.072	0.033	-0.026	-0.052	-0.061	-0.066	-0.082	-0.044	0.115	0.036	-0.031	-0.071	-0.081	0.000	0.040	0.104	0.5500
0.6500	0.109	0.051	0.014	-0.020	-0.037	-0.040	-0.057	-0.033	0.042	0.019	-0.027	-0.069	-0.086	-0.010	0.031	0.107	0.6500
0.7500	0.136	0.070	0.034	-0.006	-0.024	-0.029	-0.046	-0.018	0.034	0.008	-0.027	-0.068	-0.086	-0.012	0.025		0.7500
0.8500	0.121	0.058	0.020	-0.019	-0.030	-0.044	-0.056	-0.020	0.036	0.019	-0.032	-0.071	-0.091	-0.006	0.030	0.108	0.8500
0.9500	0.082	0.024	-0.009	-0.056	-0.055	-0.069	-0.079	-0.042	0.109	0.037	-0.032	-0.079	-0.099	0.006	0.039	0.105	0.9500
M = 1.008 α = -00.05																	
0.0500	0.126	0.099	0.042	0.000	-0.022	-0.033	-0.039	-0.055	0.035	-0.045	-0.091	-0.113	-0.186	-0.179	-0.102	0.045	0.0500
0.1500	0.133	0.077	0.033	-0.007	-0.033	-0.038	-0.059	-0.055	0.000	-0.027	-0.077	-0.104	-0.171	-0.211	-0.112	0.054	0.1500
0.2500	0.133	0.073	0.029	-0.009	-0.034	-0.040	-0.060	-0.057	-0.008	-0.030	-0.072	-0.107	-0.167	-0.218	-0.114	0.060	0.2500
0.3500	0.133	0.073	0.028	-0.010	-0.036	-0.038	-0.059	-0.058	0.004	-0.031	-0.074	-0.106	-0.166	-0.219	-0.100	0.055	0.3500
0.4500	0.135	0.074	0.030	-0.008	-0.037	-0.039	-0.058	-0.059	0.031	-0.043	-0.085	-0.112	-0.168	-0.201	-0.089	0.045	0.4500
0.5500	0.138	0.097	0.032	-0.003	-0.034	-0.038	-0.058	-0.057	0.053	-0.023	-0.075	-0.097	-0.139	-0.181	-0.100	0.046	0.5500
0.6500	0.141	0.082	0.037	-0.003	-0.030	-0.037	-0.054	-0.058	0.010	-0.009	-0.062	-0.086	-0.135	-0.183	-0.117	0.054	0.6500
0.7500	0.142	0.077	0.038	-0.003	-0.028	-0.035	-0.052	-0.058	-0.025	-0.006	-0.058	-0.082	-0.130	-0.183	-0.126		0.7500
0.8500	0.143	0.076	0.039	-0.005	-0.032	-0.035	-0.053	-0.056	0.004	-0.009	-0.067	-0.086	-0.138	-0.186	-0.117	0.055	0.8500
0.9500	0.138	0.074	0.038	-0.007	-0.031	-0.037	-0.056	-0.058	0.047	-0.022	-0.078	-0.098	-0.156	-0.170	-0.103	0.045	0.9500
M = 1.002 α = 03.88																	
0.0500	0.083	0.048	-0.007	-0.046	-0.048	-0.075	-0.088	-0.083	-0.034	-0.117	-0.162	-0.212	-0.290	-0.205	-0.085	0.050	0.0500
0.1500	0.075	0.028	-0.015	-0.048	-0.067	-0.071	-0.086	-0.079	-0.026	-0.076	-0.138	-0.197	-0.269	-0.275	-0.078	0.059	0.1500
0.2500	0.071	0.024	-0.017	-0.046	-0.069	-0.067	-0.080	-0.077	-0.022	-0.067	-0.124	-0.195	-0.260	-0.289	-0.076	0.069	0.2500
0.3500	0.070	0.022	-0.016	-0.049	-0.075	-0.066	-0.083	-0.082	-0.025	-0.079	-0.134	-0.202	-0.263	-0.282	-0.072	0.060	0.3500
0.4500	0.084	0.025	-0.016	-0.049	-0.075	-0.069	-0.089	-0.086	-0.040	-0.111	-0.155	-0.213	-0.268	-0.230	-0.077	0.049	0.4500
0.5500	0.119	0.081	0.011	-0.060	-0.057	-0.061	-0.083	-0.079	0.131	0.075	0.015	-0.051	-0.090	-0.146	-0.090	0.049	0.5500
0.6500	0.156	0.086	0.042	-0.001	-0.029	-0.038	-0.056	-0.059	0.060	0.057	0.017	-0.047	-0.090	-0.120	-0.108	0.048	0.6500
0.7500	0.178	0.101	0.062	0.018	-0.012	-0.021	-0.040	-0.048	0.023	0.050	0.017	-0.046	-0.087	-0.112	-0.118		0.7500
0.8500	0.168	0.090	0.049	0.002	-0.028	-0.030	-0.052	-0.047	0.051	0.058	0.012	-0.048	-0.093	-0.116	-0.111	0.048	0.8500
0.9500	0.122	0.056	0.019	-0.039	-0.050	-0.060	-0.074	-0.077	0.127	0.073	0.012	-0.057	-0.107	-0.126	-0.092	0.045	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(f) BW - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 1.062		α= 03.93								
0.0500	0.095	0.047	0.017	-0.007	-0.017	-0.003	0.002	0.016	0.043	-0.077	-0.144	-0.167	-0.200	-0.134	-0.076	0.037	0.0500
0.1500	0.079	0.031	0.005	-0.010	-0.019	0.004	0.006	0.014	0.040	-0.041	-0.122	-0.150	-0.181	-0.185	-0.088	0.046	0.1500
0.2500	0.074	0.023	0.003	-0.007	-0.016	0.013	0.009	0.012	0.037	-0.033	-0.104	-0.147	-0.175	-0.196	-0.096	0.053	0.2500
0.3500	0.075	0.024	0.006	-0.011	-0.023	0.009	0.009	0.008	0.040	-0.044	-0.116	-0.151	-0.177	-0.191	-0.084	0.046	0.3500
0.4500	0.084	0.033	0.010	-0.011	-0.023	0.001	0.009	0.006	0.035	-0.075	-0.135	-0.161	-0.181	-0.149	-0.070	0.037	0.4500
0.5500	0.121	0.084	0.035	0.004	-0.013	0.006	0.013	0.020	0.196	0.111	0.034	-0.023	-0.023	-0.062	-0.065	0.037	0.5500
0.6500	0.148	0.095	0.063	0.042	0.011	0.020	0.031	0.047	0.131	0.099	0.036	-0.018	-0.023	-0.041	-0.066	0.033	0.6500
0.7500	0.168	0.105	0.085	0.043	0.017	0.031	0.036	0.058	0.120	0.094	0.034	-0.019	-0.021	-0.033	-0.067		0.7500
0.8500	0.175	0.095	0.070	0.035	0.016	0.022	0.023	0.057	0.125	0.100	0.030	-0.021	-0.028	-0.038	-0.065	0.037	0.8500
0.9500	0.125	0.060	0.038	-0.002	-0.004	0.004	0.010	0.029	0.196	0.115	0.031	-0.030	-0.042	-0.048	-0.063	0.039	0.9500
							M = 1.109		α= 03.93								
0.0500	0.112	0.047	0.038	0.017	0.014	0.008	-0.022	-0.032	0.008	-0.026	-0.055	-0.132	-0.181	-0.138	-0.030	0.124	0.0500
0.1500	0.102	0.039	0.024	0.013	0.014	0.008	-0.029	-0.033	0.021	0.013	-0.033	-0.118	-0.160	-0.168	-0.045	0.126	0.1500
0.2500	0.098	0.035	0.021	0.018	0.020	0.007	-0.028	-0.028	0.024	0.019	-0.024	-0.116	-0.155	-0.172	-0.059	0.135	0.2500
0.3500	0.100	0.033	0.019	0.017	0.014	0.005	-0.026	-0.029	0.033	0.008	-0.041	-0.119	-0.155	-0.177	-0.041	0.127	0.3500
0.4500	0.114	0.038	0.024	0.012	0.008	0.002	-0.026	-0.060	0.020	-0.023	-0.069	-0.129	-0.156	-0.148	-0.025	0.121	0.4500
0.5500	0.150	0.083	0.048	0.030	0.017	0.005	-0.020	-0.016	0.162	0.119	0.129	0.031	0.012	-0.066	-0.027	0.124	0.5500
0.6500	0.183	0.102	0.078	0.056	0.035	0.022	0.004	0.010	0.037	0.108	0.136	0.038	0.009	-0.046	-0.030	0.129	0.6500
0.7500	0.207	0.114	0.101	0.066	0.048	0.034	0.026	0.016	0.007	0.112	0.140	0.043	0.011	-0.046	-0.028		0.7500
0.8500	0.188	0.115	0.089	0.055	0.037	0.060	0.018	0.014	0.016	0.110	0.132	0.041	0.006	-0.055	-0.021	0.126	0.8500
0.9500	0.146	0.076	0.056	0.022	0.019	0.015	-0.007	-0.022	0.138	0.117	0.126	0.030	-0.009	-0.065	-0.020	0.125	0.9500
							M = 1.299		α=-04.18								
0.0500	0.120	0.073	0.052	0.027	0.010	-0.001	-0.016	-0.002	0.123	0.069	0.042	0.016	-0.018	-0.040	-0.050	-0.019	0.0500
0.1500	0.155	0.104	0.074	0.051	0.034	0.023	0.004	0.005	-0.009	0.048	0.043	0.025	-0.009	-0.030	-0.050	-0.034	0.1500
0.2500	0.177	0.117	0.086	0.059	0.046	0.032	0.015	0.012	0.002	0.026	0.045	0.021	-0.006	-0.029	-0.051	-0.041	0.2500
0.3500	0.163	0.102	0.075	0.050	0.038	0.022	0.005	0.003	0.005	0.047	0.041	0.027	-0.005	-0.039	-0.051	-0.033	0.3500
0.4500	0.132	0.073	0.046	0.023	0.014	0.007	-0.013	-0.013	0.124	0.073	0.036	0.025	-0.003	-0.060	-0.051	-0.022	0.4500
0.5500	0.100	0.075	0.027	0.023	-0.003	-0.018	-0.020	-0.018	0.009	-0.081	-0.088	-0.108	-0.130	-0.119	-0.063	-0.017	0.5500
0.6500	0.086	0.032	0.020	0.009	-0.006	-0.012	-0.014	-0.028	-0.012	-0.026	-0.067	-0.101	-0.118	-0.130	-0.092	-0.002	0.6500
0.7500	0.086	0.034	0.020	0.006	-0.012	-0.008	-0.010	-0.019	-0.021	-0.013	-0.054	-0.093	-0.115	-0.130	-0.114		0.7500
0.8500	0.090	0.037	0.019	0.007	-0.015	-0.012	-0.011	-0.014	-0.015	-0.030	-0.064	-0.102	-0.123	-0.135	-0.087	0.002	0.8500
0.9500	0.096	0.043	0.026	0.014	-0.006	-0.012	-0.019	-0.018	-0.003	-0.071	-0.087	-0.126	-0.138	-0.126	-0.062	-0.007	0.9500
							M = 1.304		α=-00.10								
0.0500	0.122	0.076	0.062	0.032	0.020	0.015	-0.004	-0.002	0.072	0.002	-0.026	-0.048	-0.083	-0.084	-0.049	-0.012	0.0500
0.1500	0.127	0.070	0.058	0.030	0.019	0.013	-0.003	-0.003	-0.001	0.007	-0.019	-0.034	-0.072	-0.084	-0.069	-0.017	0.1500
0.2500	0.129	0.069	0.057	0.028	0.021	0.010	-0.001	-0.002	-0.010	0.008	-0.014	-0.035	-0.069	-0.085	-0.087	-0.017	0.2500
0.3500	0.130	0.071	0.056	0.030	0.018	0.017	0.001	-0.007	-0.002	0.008	-0.021	-0.032	-0.068	-0.089	-0.069	-0.019	0.3500
0.4500	0.130	0.073	0.055	0.029	0.020	0.015	-0.007	-0.004	0.087	0.008	-0.034	-0.037	-0.067	-0.105	-0.047	-0.019	0.4500
0.5500	0.131	0.102	0.058	0.032	0.022	0.019	-0.007	-0.005	0.058	0.008	-0.024	-0.049	-0.066	-0.072	-0.053	-0.030	0.5500
0.6500	0.128	0.075	0.059	0.031	0.018	0.016	0.001		0.002	0.015	-0.007	-0.037	-0.061	-0.058	-0.073	-0.041	0.6500
0.7500	0.126	0.079	0.061	0.034	0.018	0.011	-0.001	-0.006	-0.008	0.006	0.001	-0.040	-0.058	-0.059	-0.085		0.7500
0.8500	0.125	0.080	0.061	0.033	0.020	0.007	-0.003	-0.002	-0.004	0.017	-0.008	-0.046	-0.060	-0.063	-0.068	-0.031	0.8500
0.9500	0.120	0.076	0.061	0.036	0.017	0.008	0.001	0.001	0.068	0.005	-0.024	-0.056	-0.081	-0.078	-0.048	-0.015	0.9500
							M = 1.303		α= 03.83								
0.0500	0.095	0.040	0.029	0.003	-0.004	-0.011	-0.028	-0.021	0.006	-0.075	-0.090	-0.114	-0.141	-0.127	-0.063	-0.013	0.0500
0.1500	0.084	0.031	0.016	0.006	-0.007	-0.018	-0.020	-0.018	-0.016	-0.036	-0.075	-0.094	-0.133	-0.142	-0.092	-0.002	0.1500
0.2500	0.081	0.032	0.014	0.005	-0.004	-0.014	-0.014	-0.020	-0.024	-0.020	-0.066	-0.094	-0.126	-0.139	-0.124		0.2500
0.3500	0.084	0.033	0.016	0.006	-0.006	-0.015	-0.015	-0.028	-0.010	-0.038	-0.077	-0.095	-0.129	-0.147	-0.091	-0.001	0.3500
0.4500	0.099	0.043	0.023	0.004	-0.006	-0.016	-0.022	-0.027	0.011	-0.074	-0.097	-0.105	-0.132	-0.149	-0.063	-0.014	0.4500
0.5500	0.131	0.095	0.053	0.025	0.011	0.004	-0.020	-0.017	0.128	0.065	0.042	0.016	-0.005	-0.020	-0.055	-0.025	0.5500
0.6500	0.165	0.091	0.083	0.047	0.032	0.032	0.006	0.003	0.001	0.046	0.048	0.021	0.002	-0.008	-0.051	-0.046	0.6500
0.7500	0.180	0.105	0.098	0.058	0.041	0.036	0.017	0.015	0.011	0.020	0.054	0.019	-0.002	-0.012	-0.043		0.7500
0.8500	0.164	0.091	0.085	0.046	0.029	0.022	0.010	0.006		0.061	0.048	0.013	-0.003	-0.013	-0.043	-0.039	0.8500
0.9500	0.124	0.062	0.055	0.023	0.008	0.001	-0.012	-0.013	0.117	0.072	0.043	0.004	-0.016	-0.019	-0.048	-0.022	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(f) BW - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 1.301		α = 07.81							
0.0500	0.050	-0.004	-0.013	-0.035	-0.045	-0.058	-0.065	-0.066	-0.067	-0.159	-0.146	-0.176	-0.198	-0.156	-0.079	-0.029	0.0500
0.1500	0.045	-0.002	-0.012	-0.018	-0.037	-0.031	-0.037	-0.040	-0.032	-0.077	-0.133	-0.162	-0.193	-0.203	-0.112	-0.004	0.1500
0.2500	0.051	0.006	-0.002	-0.008	-0.024	-0.013	-0.025	-0.021	-0.024	-0.043	-0.112	-0.145	-0.172	-0.190	-0.172	-0.017	0.2500
0.3500	0.046	-0.004	-0.013	-0.021	-0.041	-0.027	-0.036	-0.039	-0.024	-0.079	-0.131	-0.160	-0.190	-0.210	-0.110	-0.002	0.3500
0.4500	0.056	-0.007	-0.023	-0.033	-0.056	-0.060	-0.066	-0.071	-0.065	-0.157	-0.151	-0.162	-0.189	-0.173	-0.078	-0.031	0.4500
0.5500	0.116	0.075	0.028	0.006	-0.014	-0.033	-0.044	-0.053	0.179	0.134	0.134	0.100	0.076	0.025	-0.035	-0.048	0.5500
0.6500	0.204	0.126	0.108	0.071	0.056	0.041	0.017	0.014	0.009	0.106	0.123	0.098	0.072	0.058		-0.057	0.6500
0.7500	0.247	0.163	0.150	0.107	0.087	0.076	0.051	0.050	0.036	0.036	0.131	0.100	0.083	0.057	0.026		0.7500
0.8500	0.208	0.124	0.115	0.066	0.051	0.041	0.020	0.019	0.004	0.108	0.131	0.096	0.076	0.052	-0.001	-0.048	0.8500
0.9500	0.114	0.043	0.039	-0.001	-0.016	-0.026	-0.042	-0.048	0.164	0.146	0.131	0.081	0.058	0.034	-0.033	-0.037	0.9500
								M = 1.301		α = 11.84							
0.0500	-0.018	-0.065	-0.083	-0.104	-0.121	-0.117	-0.127	-0.136	-0.149	-0.213	-0.201	-0.220	-0.246	-0.172	-0.096	-0.074	0.0500
0.1500	0.002	-0.044	-0.042	-0.048	-0.050	-0.051	-0.056	-0.060	-0.055	-0.125	-0.191	-0.237	-0.284	-0.268	-0.127	-0.029	0.1500
0.2500	0.022	0.000	-0.012	-0.017	-0.025	-0.024	-0.030	-0.030	-0.018	-0.058	-0.137	-0.187	-0.209	-0.234	-0.227	-0.035	0.2500
0.3500	-0.001	-0.042	-0.053	-0.048	-0.054	-0.050	-0.057	-0.059	-0.052	-0.128	-0.190	-0.233	-0.274	-0.262	-0.126	-0.029	0.3500
0.4500	-0.017	-0.061	-0.085	-0.106	-0.122	-0.122	-0.131	-0.132	-0.160	-0.229	-0.201	-0.214	-0.232	-0.178	-0.095	-0.081	0.4500
0.5500	0.080	0.046	-0.004	-0.051	-0.064	-0.077	-0.095	-0.105	0.219	0.240	0.224	0.193	0.185	0.109	-0.038	-0.060	0.5500
0.6500	0.243	0.164	0.144	0.092	0.071	0.062	0.035	0.026	0.020	0.157	0.227	0.197	0.181	0.146	0.026	-0.047	0.6500
0.7500	0.322	0.238	0.218	0.167	0.143	0.125	0.102	0.094	0.080	0.061	0.223	0.192	0.174	0.148	0.075		0.7500
0.8500	0.250	0.166	0.146	0.090	0.073	0.057	0.032	0.027	0.011	0.128	0.220	0.193	0.178	0.139	0.030	-0.037	0.8500
0.9500	0.085	0.017	-0.004	-0.050	-0.065	-0.082	-0.092	-0.107	0.186	0.241	0.219	0.178	0.166	0.118	-0.031	-0.053	0.9500
								M = 1.300		α = 15.87							
0.0500	-0.102	-0.054	-0.135	-0.123	-0.193	-0.173	-0.157	-0.183	-0.222	-0.292	-0.274	-0.279	-0.298	-0.268	-0.111	-0.108	0.0500
0.1500	-0.071	-0.135	-0.129	-0.182	-0.114	-0.154	-0.155	-0.115	-0.082	-0.168	-0.256	-0.314	-0.363	-0.331	-0.138	-0.053	0.1500
0.2500	-0.025	-0.083	-0.064	-0.068	-0.049	-0.076	-0.074	-0.058	-0.047	-0.080	-0.164	-0.206	-0.236	-0.274	-0.296	-0.032	0.2500
0.3500	-0.054	-0.091	-0.049	-0.029	-0.068	-0.075	-0.078	-0.082	-0.083	-0.170	-0.255	-0.326	-0.370	-0.320	-0.130	-0.063	0.3500
0.4500	-0.088	-0.134	-0.151	-0.139	-0.184	-0.195	-0.189	-0.153	-0.242	-0.293	-0.282	-0.272	-0.290	-0.266	-0.102	-0.109	0.4500
0.5500	0.015	-0.086	-0.136	-0.193	-0.155	-0.158	-0.171	-0.180	0.169	0.307	0.307	0.287	0.261	0.180	-0.031	-0.095	0.5500
0.6500	0.296	0.202	0.176	0.110	0.097	0.074	0.050	-0.051	0.014	0.163	0.323	0.300	0.265	0.236	0.079	-0.050	0.6500
0.7500	0.412	0.287	0.214	0.195	0.177	0.141	0.099	0.140	0.126	0.110	0.326	0.301	0.268	0.254	0.143		0.7500
0.8500	0.315	0.221	0.209	0.226	0.130	0.099	0.076	0.079	0.018	0.126	0.317	0.302	0.264	0.241	0.082	-0.044	0.8500
0.9500	0.170	0.041	0.067	-0.110	-0.072	-0.121	-0.072	-0.071	0.142	0.309	0.301	0.283	0.242	0.202	-0.029	-0.091	0.9500
								M = 1.500		α = 03.78							
0.0500	0.083	0.040	0.033	0.014	0.004	-0.011	-0.020	-0.017	-0.001	-0.075	-0.061	-0.092	-0.122	-0.119	-0.059	-0.042	0.0500
0.1500	0.072	0.028	0.018	0.005	-0.002	-0.010	-0.021	-0.027	-0.025	-0.029	-0.052	-0.082	-0.108	-0.121	-0.097	-0.037	0.1500
0.2500	0.067	0.026	0.015	0.006	-0.003	-0.010	-0.023	-0.022	-0.025	-0.016	-0.047	-0.080	-0.098	-0.116	-0.125	-0.051	0.2500
0.3500	0.066	0.026	0.013	0.003	-0.003	-0.008	-0.022	-0.026	-0.020	-0.031	-0.055	-0.086	-0.103	-0.123	-0.091	-0.040	0.3500
0.4500	0.077	0.031	0.015	0.004	-0.005	-0.008	-0.023	-0.026	0.000	-0.074	-0.070	-0.090	-0.101	-0.132	-0.049	-0.047	0.4500
0.5500	0.113	0.075	0.022	0.020	0.009	0.008	-0.009	-0.021	0.102	0.076	0.027	0.023	0.006	-0.003	-0.036	-0.043	0.5500
0.6500	0.142	0.083	0.067	0.040	0.021	0.024	0.014	-0.001	0.005	0.045	0.041	0.024	0.007	0.002	-0.026	-0.043	0.6500
0.7500	0.165	0.089	0.086	0.054	0.034	0.064	0.018	0.008	0.011	0.002	0.055	0.032	0.013	-0.010	-0.024		0.7500
0.8500	0.158	0.093	0.077	0.045	0.033	0.029	0.019	0.002	-0.003	0.047	0.042	0.026	0.009	-0.015	-0.030	-0.041	0.8500
0.9500	0.122	0.065	0.050	0.024	0.012	0.006	0.001	-0.013	0.087	0.066	0.030	0.008	0.006	-0.020	-0.037	-0.042	0.9500
								M = 1.703		α = 03.73							
0.0500	0.094	0.059	0.041	0.026	0.013	0.002	-0.009	-0.019	-0.001	-0.041	-0.082	-0.082	-0.102	-0.118	-0.062	-0.061	0.0500
0.1500	0.075	0.047	0.036	0.020	0.009	0.003	-0.012	-0.019	-0.005	-0.024	-0.046	-0.074	-0.097	-0.114	-0.103	-0.067	0.1500
0.2500	0.065	0.050	0.034	0.014	0.006	0.002	-0.011	-0.012	-0.003	-0.026	-0.034	-0.071	-0.093	-0.111	-0.121	-0.085	0.2500
0.3500	0.068	0.045	0.037	0.013	0.003		-0.007	-0.013		-0.023	-0.046	-0.076	-0.097	-0.114	-0.098	-0.066	0.3500
0.4500	0.087	0.052	0.043	0.018	0.006	-0.005	-0.010	-0.022	0.002	-0.049	-0.083	-0.080	-0.101	-0.122	-0.058	-0.058	0.4500
0.5500	0.123	0.118	0.058	0.040	0.029	0.006	-0.004	-0.014	0.081	0.061	0.064	0.018	-0.003	-0.015	-0.047	-0.054	0.5500
0.6500	0.161	0.123	0.083	0.052	0.044	0.039	0.018	0.007	0.002	0.023	0.033	0.023	-0.005	-0.009	-0.031	-0.053	0.6500
0.7500	0.176	0.128	0.107	0.059	0.055	0.044	0.035	0.022	0.012	0.004	0.049	0.031	-0.003	-0.017	-0.025		0.7500
0.8500	0.167	0.116	0.083	0.053	0.054	0.040	0.035	0.021	0.003	0.023	0.033	0.023	0.004	-0.017	-0.035	-0.057	0.8500
0.9500	0.140	0.082	0.057	0.037	0.028	0.016	-0.005	-0.005	0.066	0.070	0.040	0.022	0.006	-0.034	-0.046	-0.057	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(f) BW - Continued

	Fraction of body length, x/l																
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 1.906		α= 03.93								
0.0500	0.073	0.052	0.026	0.015	0.008	-0.003	-0.011	-0.008	0.007	-0.045	-0.062	-0.072	-0.090	-0.094	-0.055	-0.053	0.0500
0.1500	0.067	0.032	0.023	0.005	0.004	-0.006	-0.007	-0.007	-0.007	-0.015	-0.044	-0.057	-0.086	-0.095	-0.085	-0.060	0.1500
0.2500	0.056	0.027	0.021	0.002	-0.002	0.005	-0.004	-0.004	-0.004	-0.013	-0.032	-0.056	-0.079	-0.088	-0.098	-0.081	0.2500
0.3500	0.060	0.027	0.021	0.002	-0.003	0.001	0.000	-0.006	-0.010	-0.014	-0.044	-0.066	-0.085	-0.094	-0.086	-0.061	0.3500
0.4500	0.075	0.033	0.033	0.005	0.001	-0.004	-0.007	-0.013	0.008	-0.053	-0.063	-0.069	-0.088	-0.102	-0.054	-0.051	0.4500
0.5500	0.112	0.113	0.043	0.026	0.018	0.007	0.003	-0.004	0.078	0.076	0.039	0.021	0.003	0.003	-0.045	-0.048	0.5500
0.6500	0.139	0.096	0.061	0.050	0.032	0.019	0.022	0.020	0.020	0.027	0.041	0.024	0.008	-0.007	-0.022	-0.047	0.6500
0.7500	0.151	0.111	0.078	0.061	0.047	0.038	0.049	0.033	0.030	0.017	0.045	0.022	0.012	-0.004	-0.020		0.7500
0.8500	0.153	0.111	0.075	0.053	0.035	0.029	0.036	0.019	0.012	0.025	0.040	0.022	0.008	-0.005	-0.031	-0.047	0.8500
0.9500	0.107	0.064	0.052	0.025	0.016	0.011	0.011	-0.002	0.064	0.078	0.048	0.017	0.008	-0.010	-0.043	-0.049	0.9500
							M = 2.229		α=-03.88								
0.0500	0.101	0.058	0.047	0.027	0.023	0.014	0.003	-0.004	0.044	0.051	0.018	0.004	-0.008	-0.009	-0.033	-0.035	0.0500
0.1500	0.137	0.080	0.066	0.047	0.035	0.028	0.022	0.016	0.001	0.008	0.019	0.022	0.003	0.001	-0.023	-0.031	0.1500
0.2500	0.142	0.089	0.073	0.056	0.043	0.037	0.031	0.023	0.012		0.013	0.022	0.005		-0.016	-0.025	0.2500
0.3500	0.128	0.079	0.065	0.043	0.034	0.031	0.026	0.015	0.009	-0.003	0.020	0.015	0.005	-0.003	-0.020	-0.027	0.3500
0.4500	0.101	0.059	0.045	0.028	0.020	0.016	0.005	-0.003	0.044	0.047	0.024	0.013	0.001	-0.014	-0.027	-0.029	0.4500
0.5500	0.074	0.124	0.027	0.014	0.005	0.001	-0.009	-0.017	0.009	-0.025	-0.038	-0.045	-0.054	-0.050	-0.036	-0.034	0.5500
0.6500	0.060	0.026	0.019	0.005		-0.004	-0.010	-0.010	-0.004	-0.007	-0.034	-0.043	-0.054	-0.054	-0.056	-0.042	0.6500
0.7500	0.055	0.025	0.018	0.005	-0.004	-0.001	-0.009	-0.005	-0.004	-0.010	-0.016	-0.039	-0.048	-0.055	-0.065		0.7500
0.8500	0.058	0.028	0.016	0.007	-0.001	-0.005	-0.007	-0.009	-0.009	-0.010	-0.026	-0.039	-0.051	-0.059	-0.066	-0.059	0.8500
0.9500	0.072	0.037	0.027	0.015	0.006	-0.003	-0.007	-0.009	0.005	-0.025	-0.045	-0.047	-0.051	-0.063	-0.044	-0.046	0.9500
							M = 2.226		α= 00.25								
0.0500	0.091	0.065	0.049	0.060	0.030	0.015	0.012	0.004	0.026	0.004	-0.026	-0.029	-0.041	-0.040	-0.034	-0.034	0.0500
0.1500	0.099	0.054	0.042	0.026	0.021	0.013	0.008	0.003	-0.011	-0.004	-0.017	-0.014	-0.036	-0.035	-0.049	-0.044	0.1500
0.2500	0.097	0.051	0.039	0.025	0.018	0.013	0.006	0.003	-0.007	-0.018	-0.004	-0.015	-0.035	-0.032	-0.047	-0.052	0.2500
0.3500	0.092	0.051	0.039	0.026	0.017	0.014	0.012	0.003	-0.002	-0.009	-0.013	-0.022	-0.036	-0.037	-0.052	-0.041	0.3500
0.4500	0.093	0.055	0.037	0.027	0.018	0.015	0.011	0.004	0.024		-0.025	-0.025	-0.040	-0.047	-0.033	-0.032	0.4500
0.5500	0.098	0.132	0.041	0.028	0.021	0.015	0.007	0.002	0.030	0.025	-0.004	-0.019	-0.026	-0.021	-0.030	-0.032	0.5500
0.6500	0.102	0.056	0.046	0.029	0.023	0.016	0.008	0.000	0.004	0.009	-0.002	-0.008	-0.018	-0.023	-0.037	-0.040	0.6500
0.7500	0.105	0.055	0.048	0.031	0.024	0.016	0.009	0.001	0.008	-0.004	0.015	-0.007	-0.015	-0.022	-0.033		0.7500
0.8500	0.106	0.054	0.050	0.027	0.021	0.017	0.008	0.005	-0.001	0.007	0.005	-0.010	-0.020	-0.029	-0.037	-0.036	0.8500
0.9500	0.103	0.055	0.045	0.030	0.020	0.016	0.007	0.005	0.032	0.023	-0.008	-0.018	-0.018	-0.032	-0.030	-0.031	0.9500
							M = 2.229		α= 04.13								
0.0500	0.069	0.037	0.025	0.011	0.008	-0.005	-0.010	-0.015	-0.007	-0.049	-0.065	-0.066	-0.077	-0.065	-0.042	-0.042	0.0500
0.1500	0.071	0.027	0.015	0.007	0.000	-0.006	-0.012	-0.015	-0.024	-0.025	-0.049	-0.055	-0.073	-0.075	-0.080	-0.049	0.1500
0.2500	0.067	0.023	0.015	0.008	0.002	-0.003	-0.008	-0.014	-0.021	-0.028	-0.032	-0.052	-0.069	-0.072	-0.081	-0.068	0.2500
0.3500	0.055	0.023	0.015	0.004	-0.001	-0.002	-0.004	-0.015	-0.019	-0.025	-0.043	-0.058	-0.071	-0.075	-0.082	-0.076	0.3500
0.4500	0.069	0.035	0.020	0.008	0.002	-0.005	-0.011	-0.018	-0.014	-0.049	-0.068	-0.061	-0.076	-0.081	-0.056	-0.055	0.4500
0.5500	0.104	0.137	0.046	0.022	0.017	0.006	0.000	-0.008	0.031	0.060	0.043	0.014	0.002	0.021	-0.038	-0.042	0.5500
0.6500	0.140	0.080	0.077	0.052	0.040	0.030	0.019	0.005	0.004	0.011	0.025	0.025	0.016	0.013	-0.012	-0.034	0.6500
0.7500	0.157	0.102	0.084	0.067	0.048	0.045	0.031	0.025	0.012	0.009	0.022	0.029	0.019	0.011	-0.003		0.7500
0.8500	0.152	0.096	0.080	0.059	0.041	0.035	0.026	0.020	0.006	0.005	0.035	0.024	0.016	0.008	-0.002	-0.017	0.8500
0.9500	0.113	0.065	0.052	0.027	0.019	0.011	0.009	-0.005	0.029	0.060	0.032	0.016	0.017	0.003	-0.023	-0.030	0.9500
							M = 2.264		α_{ϵ} 08.26								
0.0500	0.037	0.007	0.001	-0.023	-0.031	-0.042	-0.049	-0.058	-0.056	-0.098	-0.092	-0.085	-0.090	-0.073	-0.056	-0.052	0.0500
0.1500	0.034	0.001	-0.013	-0.021	-0.023	-0.030	-0.033	-0.035	-0.037	-0.044	-0.077	-0.082	-0.103	-0.096	-0.088	-0.056	0.1500
0.2500	0.027	0.002	-0.007	-0.006	-0.011	-0.024	-0.019	-0.027	-0.029	-0.031	-0.051	-0.069	-0.090	-0.094	-0.103	-0.106	0.2500
0.3500	0.022	-0.003	-0.005	-0.011	-0.022	-0.022	-0.022	-0.030	-0.029	-0.045	-0.073	-0.089	-0.102	-0.103	-0.094	-0.061	0.3500
0.4500	0.037	-0.001	-0.011	-0.031	-0.036	-0.044	-0.048	-0.052	-0.060	-0.102	-0.093	-0.081	-0.096	-0.096	-0.057	-0.054	0.4500
0.5500	0.097	0.139	0.015	0.011	-0.003	-0.012	-0.018	-0.031	-0.015	0.092	0.098	0.065	0.046	0.057	-0.021	-0.032	0.5500
0.6500	0.181	0.131	0.104	0.073	0.060	0.049	0.031	0.024	0.020	0.026	0.073	0.069	0.063	0.059	0.040	0.003	0.6500
0.7500	0.234	0.166	0.139	0.104	0.090	0.079	0.073	0.060	0.055	0.040	0.044	0.078	0.067	0.060	0.048		0.7500
0.8500	0.223	0.140	0.127	0.085	0.068	0.053	0.050	0.038	0.023	0.017	0.079	0.072	0.070	0.055	0.042	0.014	0.8500
0.9500	0.137	0.077	0.048	0.018	0.003	0.000	-0.020	-0.005	-0.010	0.111	0.084	0.069	0.068	0.052	-0.017	-0.028	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(f) BW - Concluded

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 2.232 α = 12.24																	
0.0500	-0.005	-0.046	-0.061	-0.086	-0.094	-0.108	-0.112	-0.125	-0.133	-0.142	-0.128	-0.107	-0.128	-0.098	-0.076	-0.073	0.0500
0.1500	-0.001	-0.036	-0.041	-0.039	-0.046	-0.050	-0.052	-0.049	-0.068	-0.078	-0.110	-0.109	-0.137	-0.124	-0.102	-0.061	0.1500
0.2500	0.002	-0.012	-0.022	-0.014	-0.030	-0.026	-0.030	-0.030	-0.044	-0.041	-0.060	-0.081	-0.103	-0.106	-0.117	-0.122	0.2500
0.3500	-0.008	-0.026	-0.035	-0.032	-0.031	-0.036	-0.041	-0.052	-0.055	-0.079	-0.107	-0.115	-0.139	-0.128	-0.109	-0.057	0.3500
0.4500	-0.007	-0.041	-0.059	-0.090	-0.089	-0.099	-0.102	-0.122	-0.137	-0.143	-0.126	-0.106	-0.120	-0.111	-0.088	-0.078	0.4500
0.5500	0.112	0.132	0.002	-0.003	-0.040	-0.035	-0.035	-0.047	-0.025	0.101	0.124	0.124	0.113	0.107	-0.009	-0.025	0.5500
0.6500	0.263	0.189	0.157	0.116	0.064	0.085	0.074	0.060	0.043	0.046	0.128	0.122	0.124	0.113	0.064	0.038	0.6500
0.7500	0.330	0.245	0.216	0.169	0.126	0.136	0.127	0.080	0.096	0.082	0.075	0.126	0.128	0.117	0.096		0.7500
0.8500	0.261	0.212	0.167	0.126	0.103	0.090	0.080	0.060	0.043	0.037	0.108	0.131	0.128	0.113	0.095	0.044	0.8500
0.9500	0.116	0.063	0.034	0.001	-0.015	-0.025	-0.038	-0.048	-0.022	0.128	0.128	0.120	0.123	0.106	0.003	-0.017	0.9500
M = 2.232 α = 16.22																	
0.0500	-0.050	-0.093	-0.113	-0.134	-0.133	-0.136	-0.152	-0.148	-0.156	-0.162	-0.171	-0.133	-0.158	-0.148	-0.128	-0.129	0.0500
0.1500	-0.040	-0.088	-0.085	-0.088	-0.083	-0.119	-0.097	-0.098	-0.109	-0.119	-0.152	-0.149	-0.183	-0.158	-0.105	-0.068	0.1500
0.2500	-0.025	-0.027	-0.024	-0.043	-0.044	-0.062	-0.058	-0.057	-0.065	-0.070	-0.085	-0.100	-0.111	-0.112	-0.128	-0.118	0.2500
0.3500	-0.049	-0.084	-0.079	-0.084	-0.069	-0.086	-0.085	-0.101	-0.099	-0.124	-0.152	-0.159	-0.182	-0.159	-0.114	-0.064	0.3500
0.4500	-0.054	-0.095	-0.113	-0.131	-0.107	-0.152	-0.139	-0.143	-0.148	-0.162	-0.163	-0.135	-0.155	-0.155	-0.133	-0.134	0.4500
0.5500	0.115	0.132	0.030	-0.007	-0.018	-0.031	-0.087	-0.068	-0.020	0.135	0.168	0.179	0.173	0.174	0.022	-0.027	0.5500
0.6500	0.326	0.247	0.213	0.169	0.148	0.134	0.121	0.100	0.088	0.085	0.161	0.196	0.205	0.184	0.150	0.083	0.6500
0.7500	0.420	0.335	0.292	0.250	0.228	0.209	0.200	0.184	0.156	0.158	0.130	0.194	0.204	0.183	0.166		0.7500
0.8500	0.338	0.254	0.215	0.175	0.159	0.141	0.127	0.133	0.098	0.080	0.168	0.194	0.199	0.185	0.156	0.085	0.8500
0.9500	0.122	0.064	0.037		-0.016	-0.028	-0.042	-0.052	-0.021	0.173	0.176	0.188	0.188	0.171	0.021	-0.013	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(g) BV

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 0.700		α=-04.28								
0.0500	0.031	0.020	-0.016	-0.045	-0.046	-0.053	-0.062	-0.067	-0.064	-0.071	-0.074	-0.071	-0.075	-0.062	-0.028	0.036	0.0500
0.1500	0.085	0.039	0.004	-0.034	-0.031	-0.037	-0.043	-0.050	-0.047	-0.063	-0.063	-0.059	-0.077	-0.070	-0.021	0.062	0.1500
0.2500	0.106	0.060	0.022	-0.009	-0.013	-0.021	-0.036	-0.039	-0.047	-0.054	-0.058	-0.053				0.085	0.2500
0.3500	0.105	0.051	0.028	-0.001	-0.015	-0.015	-0.033	-0.033	-0.044	-0.059	-0.056	-0.054	-0.051	-0.066	-0.038	0.076	0.3500
0.4500	0.071	0.022	0.004	-0.026	-0.037	-0.039	-0.051	-0.045	-0.057	-0.071	-0.069	-0.068	-0.071	-0.072	-0.031	0.056	0.4500
0.5500	0.034	0.018	-0.022	-0.044	-0.052	-0.059	-0.069	-0.057	-0.068	-0.073	-0.071	-0.068	-0.071	-0.060	-0.022	0.054	0.5500
0.6500	0.024	-0.008	-0.032	-0.047	-0.054	-0.060	-0.069	-0.067	-0.063	-0.073	-0.071	-0.068	-0.062	-0.044	-0.013	0.053	0.6500
0.7500	0.019	-0.014	-0.032	-0.050	-0.059	-0.059	-0.066	-0.062		-0.067	-0.063	-0.058	-0.049	-0.029	-0.002		0.7500
0.8500	0.018	-0.014	-0.032	-0.051	-0.060	-0.058	-0.062	-0.060	-0.060	-0.064	-0.062	-0.054	-0.050	-0.025	0.001	0.046	0.8500
0.9500	0.027	-0.012	-0.041	-0.053	-0.058	-0.061	-0.069	-0.063	-0.069	-0.069	-0.073	-0.070	-0.063	-0.044	-0.006	0.057	0.9500
							M = 0.701		α=-00.25								
0.0500	0.047	0.013	-0.013	-0.030	-0.035	-0.041	-0.046	-0.053	-0.058	-0.060	-0.063	-0.060	-0.061	-0.053	-0.021	0.062	0.0500
0.1500	0.051	0.017	-0.019	-0.033	-0.039	-0.045	-0.054	-0.052	-0.057	-0.062	-0.063	-0.057	-0.059	-0.052	-0.012	0.066	0.1500
0.2500	0.051	0.014	-0.013	-0.032	-0.040	-0.045	-0.052	-0.054	-0.057	-0.064	-0.064	-0.054				0.076	0.2500
0.3500	0.052	0.013	-0.010	-0.031	-0.041	-0.043	-0.055	-0.052	-0.057	-0.068	-0.064	-0.056	-0.050	-0.051	-0.028	0.063	0.3500
0.4500	0.054	0.013	-0.009	-0.033	-0.042	-0.042	-0.054	-0.053	-0.055	-0.065	-0.064	-0.054	-0.056	-0.056	-0.025	0.061	0.4500
0.5500	0.060	0.027	-0.008	-0.031	-0.039	-0.043	-0.054	-0.052	-0.056	-0.063	-0.062	-0.059	-0.056	-0.049	-0.020	0.056	0.5500
0.6500	0.060	0.017	-0.006	-0.029	-0.037	-0.043	-0.052	-0.048	-0.057	-0.063	-0.060	-0.062	-0.058	-0.043	-0.021	0.054	0.6500
0.7500	0.060	0.018	-0.004	-0.030	-0.037	-0.043	-0.049	-0.051		-0.062	-0.061	-0.064	-0.062	-0.040	-0.016		0.7500
0.8500	0.059	0.016	-0.006	-0.030	-0.040	-0.041	-0.052	-0.049	-0.059	-0.063	-0.067	-0.064	-0.060	-0.042	-0.016	0.051	0.8500
0.9500	0.052	0.014	-0.022	-0.031	-0.038	-0.043	-0.053	-0.050	-0.059	-0.062	-0.064	-0.066	-0.060	-0.047	-0.016	0.058	0.9500
							M = 0.700		α= 03.73								
0.0500	0.018	-0.006	-0.042	-0.059	-0.063	-0.071	-0.082	-0.076	-0.084	-0.086	-0.087	-0.085	-0.088	-0.075	-0.044	0.014	0.0500
0.1500	0.003	-0.020	-0.048	-0.063	-0.069	-0.074	-0.076	-0.075	-0.079	-0.086	-0.083	-0.069	-0.072	-0.068	-0.025	0.042	0.1500
0.2500	0.000	-0.024	-0.046	-0.062	-0.067	-0.069	-0.072	-0.070	-0.074	-0.081	-0.077	-0.065				0.048	0.2500
0.3500	0.002	-0.026	-0.047	-0.063	-0.068	-0.069	-0.077	-0.074	-0.077	-0.084	-0.081	-0.064	-0.048	-0.060	-0.032	0.047	0.3500
0.4500	0.014	-0.020	-0.046	-0.065	-0.072	-0.074	-0.080	-0.076	-0.085	-0.089	-0.091	-0.084	-0.063	-0.068	-0.032	0.039	0.4500
0.5500	0.052	0.023	-0.029	-0.051	-0.059	-0.063	-0.071	-0.069	-0.076	-0.089	-0.086	-0.088	-0.079	-0.071	-0.046	0.036	0.5500
0.6500	0.091	0.040	0.010	-0.030	-0.034	-0.033	-0.052	-0.048	-0.058	-0.074	-0.078	-0.082	-0.083	-0.069	-0.047	0.034	0.6500
0.7500	0.096	0.049	0.026	-0.013	-0.019	-0.023	-0.037	-0.038		-0.064	-0.066	-0.077	-0.078	-0.064	-0.042		0.7500
0.8500	0.092	0.040	0.018	-0.012	-0.026	-0.034	-0.047	-0.046	-0.052	-0.067	-0.077	-0.081	-0.078	-0.063	-0.040	0.028	0.8500
0.9500	0.048	0.021	-0.017	-0.043	-0.051	-0.063	-0.063	-0.064	-0.074	-0.089	-0.090	-0.095	-0.085	-0.069	-0.043	0.041	0.9500
							M = 0.700		α= 07.76								
0.0500	-0.040	-0.056	-0.087	-0.102	-0.100	-0.103	-0.107	-0.100	-0.111	-0.110	-0.107	-0.092	-0.086	-0.065	-0.025	0.012	0.0500
0.1500	-0.037	-0.049	-0.072	-0.078	-0.079	-0.086	-0.092	-0.088	-0.080	-0.083	-0.083	-0.061	-0.072	-0.051	-0.012	0.048	0.1500
0.2500	-0.032	-0.045	-0.061	-0.064	-0.066	-0.071	-0.067	-0.060	-0.061	-0.071	-0.055	-0.043				0.057	0.2500
0.3500	-0.024	-0.054	-0.064	-0.079	-0.080	-0.078	-0.078	-0.074	-0.076	-0.078	-0.070	-0.044	-0.046	-0.048	-0.023	0.056	0.3500
0.4500	-0.033	-0.060	-0.081	-0.103	-0.106	-0.107	-0.112	-0.110	-0.110	-0.116	-0.105	-0.086	-0.071	-0.054	-0.019	0.048	0.4500
0.5500	0.027	0.004	-0.054	-0.064	-0.078	-0.079	-0.099	-0.093	-0.093	-0.109	-0.104	-0.103	-0.101	-0.078	-0.068	0.024	0.5500
0.6500	0.133	0.063	0.035	0.002	-0.010	-0.028	-0.043	-0.041	-0.031	-0.049	-0.055	-0.072	-0.077	-0.073	-0.052	0.041	0.6500
0.7500	0.187	0.105	0.081	0.046	0.022	0.014	0.005	-0.007		-0.020	-0.032	-0.044	-0.055	-0.044	-0.033		0.7500
0.8500	0.144	0.081	0.053	0.011	0.001	0.009	-0.019	-0.022	-0.038	-0.039	-0.058	-0.063	-0.071	-0.057	-0.026	0.042	0.8500
0.9500	0.037	-0.013	-0.044	-0.066	-0.066	-0.071	-0.083	-0.080	-0.094	-0.099	-0.097	-0.107	-0.097	-0.089	-0.056	0.032	0.9500
							M = 0.697		α= 11.74								
0.0500	-0.118	-0.153	-0.173	-0.180	-0.169	-0.174	-0.177	-0.172	-0.160	-0.168	-0.158	-0.123	-0.100	-0.076	-0.042	0.011	0.0500
0.1500	-0.095	-0.100	-0.109	-0.111	-0.105	-0.116	-0.145	-0.131	-0.131	-0.102	-0.093	-0.087	-0.076	-0.075	-0.031	0.039	0.1500
0.2500	-0.054	-0.059	-0.075	-0.083	-0.090	-0.078	-0.085	-0.059	-0.078	-0.069	-0.059	-0.057				0.040	0.2500
0.3500	-0.082	-0.109	-0.094	-0.110	-0.094	-0.097	-0.094	-0.109	-0.099	-0.101	-0.094	-0.075	-0.068	-0.076	-0.043	0.040	0.3500
0.4500	-0.115	-0.147	-0.155	-0.166	-0.162	-0.186	-0.165	-0.168	-0.164	-0.165	-0.154	-0.122	-0.083	-0.066	-0.039	0.033	0.4500
0.5500	-0.027	-0.064	-0.121	-0.161	-0.164	-0.153	-0.160	-0.168	-0.162	-0.172	-0.163	-0.166	-0.155	-0.137	-0.120	-0.032	0.5500
0.6500	0.152	0.066	0.059	0.020	-0.066	-0.031	-0.047	-0.055	-0.037	-0.057	-0.076	-0.101	-0.087	-0.077	-0.061	0.023	0.6500
0.7500	0.241	0.164	0.149	0.089	0.002	0.051	0.040	0.040		0.004	-0.011	-0.030	-0.064	-0.029	-0.020		0.7500
0.8500	0.176	0.100	0.070	0.020	0.029	-0.003	-0.016	-0.027	-0.047	-0.054	-0.069	-0.071	-0.091	-0.086	-0.064	0.009	0.8500
0.9500	-0.016	-0.046	-0.110	-0.131	-0.082	-0.125	-0.110	-0.144	-0.163	-0.166	-0.165	-0.177	-0.152	-0.143	-0.109	-0.017	0.9500

A 4 4 1 6

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(g) BV - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 0.699 α= 15.72																	
0.0500	-0.241	-0.262	-0.288	-0.281	-0.283	-0.277	-0.277	-0.262	-0.244	-0.250	-0.224	-0.185	-0.207	-0.117	-0.074	-0.011	0.0500
0.1500	-0.164	-0.138	-0.160	-0.182	-0.150	-0.139	-0.149	-0.145	-0.143	-0.194	-0.139	-0.146	-0.112	-0.107	-0.059	0.011	0.1500
0.2500	-0.105	-0.090	-0.110	-0.120	-0.098	-0.104	-0.086	-0.076	-0.082	-0.103	-0.097	-0.111				-0.012	0.2500
0.3500	-0.146	-0.135	-0.139	-0.146	-0.144	-0.143	-0.148	-0.146	-0.137	-0.143	-0.134	-0.128	-0.102	-0.068	-0.082	-0.013	0.3500
0.4500	-0.231	-0.269	-0.274	-0.263	-0.276	-0.261	-0.270	-0.261	-0.236	-0.231	-0.205	-0.161	-0.111	-0.106	-0.070	0.000	0.4500
0.5500	-0.136	-0.151	-0.218	-0.254	-0.235	-0.243	-0.251	-0.253	-0.249	-0.251	-0.251	-0.253	-0.238	-0.205	-0.164	-0.102	0.5500
0.6500	0.166	0.094	0.058	0.017	-0.004	-0.020	-0.033	-0.044	-0.080	-0.122	-0.100	-0.111	-0.109	-0.105	-0.099	-0.012	0.6500
0.7500	0.311	0.239	0.198	0.146	0.113	0.092	0.090	0.075		0.004	0.001	-0.037	-0.019	-0.014	-0.029		0.7500
0.8500	0.185	0.101	0.069	0.022	0.010	-0.013	-0.039	-0.044	-0.066	-0.067	-0.081	-0.089	-0.118	-0.114	-0.097	-0.018	0.8500
0.9500	-0.107	-0.161	-0.191	-0.226	-0.233	-0.238	-0.250	-0.248	-0.232	-0.231	-0.234	-0.202	-0.240	-0.221	-0.181	-0.075	0.9500
M = 0.904 α= 03.78																	
0.0500	0.028	0.011	-0.033	-0.060	-0.068	-0.075	-0.083	-0.085	-0.095	-0.097	-0.101	-0.104	-0.106	-0.103	-0.068	0.023	0.0500
0.1500	0.028	-0.004	-0.048	-0.067	-0.071	-0.080	-0.092	-0.088	-0.088	-0.090	-0.098	-0.087	-0.092	-0.103	-0.046	0.044	0.1500
0.2500	0.020	-0.013	-0.042	-0.066	-0.070	-0.076	-0.086	-0.085	-0.082	-0.090	-0.094	-0.081				0.047	0.2500
0.3500	0.018	-0.017	-0.041	-0.067	-0.073	-0.074	-0.084	-0.081	-0.085	-0.094	-0.095	-0.083	-0.067	-0.097	-0.056	0.050	0.3500
0.4500	0.027	-0.013	-0.040	-0.069	-0.074	-0.079	-0.091	-0.086	-0.091	-0.099	-0.103	-0.100	-0.085	-0.101	-0.056	0.038	0.4500
0.5500	0.056	0.014	-0.028	-0.059	-0.061	-0.072	-0.083	-0.085	-0.082	-0.099	-0.099	-0.106	-0.101	-0.104	-0.072	0.037	0.5500
0.6500	0.086	0.043	0.006	-0.033	-0.038	-0.054	-0.065	-0.062	-0.064	-0.077	-0.083	-0.102	-0.102	-0.099	-0.071	0.041	0.6500
0.7500	0.118	0.059	0.030	-0.006	-0.026	-0.034	-0.054	-0.048		-0.073	-0.080	-0.094	-0.097	-0.092	-0.067		0.7500
0.8500	0.128	0.049	0.018	-0.007	-0.024	-0.035	-0.059	-0.054	-0.071	-0.070	-0.090	-0.093	-0.099	-0.098	-0.067	0.052	0.8500
0.9500	0.090	0.026	-0.022	-0.051	-0.049	-0.062	-0.079	-0.081	-0.090	-0.093	-0.103	-0.106	-0.102	-0.107	-0.066	0.049	0.9500
M = 0.954 α= 03.83																	
0.0500	0.047	0.010	-0.034	-0.054	-0.068	-0.072	-0.103	-0.084	-0.098	-0.105	-0.115	-0.116	-0.098	-0.129	-0.048	0.059	0.0500
0.1500	0.045	0.004	-0.043	-0.069	-0.072	-0.078	-0.099	-0.078	-0.099	-0.107	-0.108	-0.108	-0.071	-0.136	-0.032	0.065	0.1500
0.2500	0.038	-0.002	-0.037	-0.067	-0.071	-0.075	-0.093	-0.076	-0.092	-0.102	-0.102	-0.098				0.075	0.2500
0.3500	0.035	-0.005	-0.036	-0.069	-0.071	-0.073	-0.091	-0.078	-0.094	-0.102	-0.102	-0.095	-0.061	-0.125	-0.050	0.065	0.3500
0.4500	0.046		-0.039	-0.069	-0.075	-0.078	-0.096	-0.081	-0.094	-0.110	-0.107	-0.115	-0.074	-0.130	-0.048	0.064	0.4500
0.5500	0.077	0.049	-0.019	-0.051	-0.063	-0.070	-0.092	-0.079	-0.088	-0.111	-0.108	-0.119	-0.088	-0.132	-0.066	0.065	0.5500
0.6500	0.112	0.061	0.009	-0.019	-0.055	-0.047	-0.069	-0.064	-0.061	-0.097	-0.095	-0.113	-0.095	-0.130	-0.070	0.075	0.6500
0.7500	0.132	0.071	0.037	-0.009	-0.030	-0.032	-0.056	-0.049		-0.080	-0.088	-0.109	-0.090	-0.121	-0.069		0.7500
0.8500	0.141	0.068	0.028	-0.016	-0.026	-0.036	-0.060	-0.051	-0.069	-0.085	-0.095	-0.111	-0.089	-0.129	-0.067	0.071	0.8500
0.9500	0.102	0.028	-0.018	-0.054	-0.057	-0.069	-0.081	-0.074	-0.080	-0.105	-0.111	-0.130	-0.094	-0.142	-0.062	0.077	0.9500
M = 1.004 α= 03.93																	
0.0500	0.075	0.046	0.002	-0.020	-0.070	-0.073	-0.090	-0.086	-0.089	-0.110	-0.120	-0.133	-0.107	-0.129	-0.112	0.029	0.0500
0.1500	0.076	0.031	-0.025	-0.049	-0.074	-0.075	-0.092	-0.088	-0.095	-0.107	-0.110	-0.119	-0.089	-0.142	-0.091	0.040	0.1500
0.2500	0.070	0.028	-0.022	-0.051	-0.072	-0.072	-0.089	-0.087	-0.092	-0.104	-0.107	-0.113				0.046	0.2500
0.3500	0.071	0.024	-0.019	-0.052	-0.077	-0.072	-0.086	-0.087	-0.092	-0.109	-0.106	-0.113	-0.076	-0.126	-0.110	0.033	0.3500
0.4500	0.083	0.028	-0.018	-0.054	-0.078	-0.077	-0.090	-0.094	-0.092	-0.113	-0.114	-0.130	-0.094	-0.133	-0.117	0.031	0.4500
0.5500	0.116	0.083	0.000	-0.041	-0.061	-0.069	-0.087	-0.092	-0.091	-0.114	-0.114	-0.133	-0.122	-0.129	-0.137	0.031	0.5500
0.6500	0.158	0.088	0.036	-0.010	-0.035	-0.042	-0.071	-0.069	-0.069	-0.093	-0.104	-0.127	-0.125	-0.121	-0.137	0.030	0.6500
0.7500	0.179	0.101	0.059	0.007	-0.023	-0.026	-0.051	-0.057		-0.088	-0.094	-0.120	-0.120	-0.112	-0.135		0.7500
0.8500	0.167	0.091	0.044	0.009	-0.024	-0.033	-0.053	-0.055	-0.071	-0.091	-0.106	-0.120	-0.121	-0.120	-0.138	0.004	0.8500
0.9500	0.123	0.066	0.031	-0.024	-0.050	-0.057	-0.073	-0.084	-0.095	-0.113	-0.120	-0.138	-0.123	-0.131	-0.139	0.037	0.9500
M = 1.054 α= 03.93																	
0.0500	0.076	0.076	0.017	0.012	-0.009	0.007	0.009	0.008	-0.026	-0.060	-0.094	-0.102	-0.091	-0.134	-0.144	-0.046	0.0500
0.1500	0.065	0.031	0.011	0.009	-0.009	0.011	-0.004	0.008	-0.030	-0.065	-0.084	-0.091	-0.065	-0.155	-0.139	-0.017	0.1500
0.2500	0.061	0.026	0.012	0.009	-0.005	0.015	-0.008	0.010	-0.030	-0.064	-0.073	-0.080				0.003	0.2500
0.3500	0.063	0.026	0.013	0.004	-0.004	0.013	-0.008	0.008	-0.023	-0.067	-0.073	-0.079	-0.054	-0.127	-0.152	-0.022	0.3500
0.4500	0.080	0.033	0.007	0.002	-0.007	0.009	-0.005	0.005	-0.020	-0.069	-0.090	-0.099	-0.076	-0.137	-0.152	-0.041	0.4500
0.5500	0.106	0.083	0.027	0.013	-0.001	0.011	0.017	0.018	-0.009	-0.058	-0.093	-0.101	-0.090	-0.132	-0.159	-0.088	0.5500
0.6500	0.137	0.099	0.057	0.032	0.027	0.020	0.052	0.055	0.014	-0.035	-0.087	-0.100	-0.092	-0.127	-0.147	-0.130	0.6500
0.7500	0.167	0.105	0.080	0.052	0.030	0.029	0.077	0.076		-0.022	-0.077	-0.092	-0.088	-0.111	-0.140		0.7500
0.8500	0.160	0.096	0.073	0.049	0.026	0.027	0.074	0.062	0.009	-0.031	-0.087	-0.096	-0.090	-0.119	-0.151	-0.108	0.8500
0.9500	0.132	0.069	0.034	0.019	0.009	0.011	0.044	0.025	-0.017	-0.054	-0.096	-0.112	-0.093	-0.137	-0.155	-0.073	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(g) BV - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 1.097		α = 04.03								
0.0500	0.093	0.054	0.032	0.023	-0.005	-0.026	-0.035	-0.019	0.004	-0.006	-0.008	-0.045	-0.051	-0.085	-0.088	0.032	0.0500
0.1500	0.008	0.004	0.003	0.002		-1.002	-0.002	-1.000	0.008	-0.011	-0.012	-0.047	-0.023	-0.091	-0.082	0.036	0.1500
0.2500	0.079	0.044	0.036	0.017	-0.009	-0.021	-0.022	-0.002	0.009	-0.016	-0.003	-0.040				0.046	0.2500
0.3500	0.081	0.042	0.039	0.011	-0.015	-0.019	-0.024	-0.007	0.011	-0.019	-0.001	-0.043	-0.018	-0.082	-0.093	0.043	0.3500
0.4500	0.097	0.049	0.033	0.013	-0.012	-0.019	-0.030	-0.020	0.015	-0.012	-0.005	-0.059	-0.049	-0.079	-0.090	0.016	0.4500
0.5500	0.132	0.103	0.061	0.034	0.009	-0.001	-0.017	-0.016	0.008	-0.003	0.001	-0.054	-0.073	-0.083	-0.093	-0.009	0.5500
0.6500	0.173	0.110	0.092	0.063	0.033	0.021	0.008	0.003	0.005	0.010	0.033	-0.036	-0.073	-0.077	-0.081	-0.063	0.6500
0.7500	0.196	0.125	0.109	0.071	0.042	0.032	0.018	0.007		0.017	0.059	-0.028	-0.064	-0.077	-0.079		0.7500
0.8500	0.176	0.110	0.092	0.064	0.035	0.017	0.002	0.001	-0.003	0.017	0.047	-0.040	-0.072	-0.084	-0.089	-0.044	0.8500
0.9500	0.129	0.073	0.052	0.036	0.012	-0.012	-0.024	-0.024	-0.008	0.002	0.009	-0.060	-0.070	-0.091	-0.095	-0.005	0.9500
							M = 1.301		α = -04.13								
0.0500	0.108	0.069	0.045	0.021	0.011	-0.003	-0.015	-0.005	-0.011	-0.034	-0.044	-0.068	-0.063	-0.063	-0.075	-0.068	0.0500
0.1500	0.140	0.101	0.066	0.043	0.015	0.015	-0.005	0.001	-0.012	-0.027	-0.038	-0.060	-0.058	-0.079	-0.081	-0.063	0.1500
0.2500	0.163	0.114	0.082	0.059	0.030	0.032	0.008	0.008	-0.005	-0.020	-0.034	-0.041				-0.064	0.2500
0.3500	0.162	0.099	0.080	0.052	0.035	0.030	0.009	0.005	-0.004	-0.020	-0.037	-0.038	-0.022	-0.068	-0.098	-0.077	0.3500
0.4500	0.130	0.067	0.056	0.025	0.013	0.017	-0.010	-0.014	-0.015	-0.031	-0.047	-0.045	-0.044	-0.084	-0.089	-0.086	0.4500
0.5500	0.096	0.074	0.032	0.019	-0.001	-0.009	-0.020	-0.016	-0.029	-0.046	-0.046	-0.057	-0.061	-0.065	-0.079	-0.052	0.5500
0.6500	0.081	0.034	0.022	0.018	-0.006	-0.013	-0.018	-0.024	-0.029	-0.047	-0.043	-0.049	-0.056	-0.049	-0.065	-0.019	0.6500
0.7500	0.079	0.032	0.019	0.011	-0.017	-0.011	-0.010	-0.021		-0.033	-0.038	-0.046	-0.049	-0.038	-0.054		0.7500
0.8500	0.082	0.031	0.019	0.008	-0.014	-0.011	-0.012	-0.015	-0.026	-0.034	-0.034	-0.046	-0.045	-0.035	-0.048	-0.008	0.8500
0.9500	0.088	0.035	0.016	0.007	-0.008	-0.014	-0.022	-0.018	-0.033	-0.037	-0.039	-0.054	-0.057	-0.041	-0.060	-0.006	0.9500
							M = 1.301		α = -00.20								
0.0500	0.114	0.082	0.059	0.034	0.024	0.014	-0.002	0.003	0.002	-0.015	-0.027	-0.034	-0.045	-0.047	-0.039	-0.043	0.0500
0.1500	0.117	0.075	0.054	0.030	0.016	0.011	-0.009	-0.005	-0.010	-0.020	-0.030	-0.038	-0.036	-0.059	-0.064	-0.024	0.1500
0.2500	0.125	0.072	0.055	0.031	0.016	0.010	-0.008	-0.008	-0.010	-0.020	-0.033	-0.037				-0.011	0.2500
0.3500	0.127	0.070	0.053	0.032	0.018	0.013	-0.003	-0.007	-0.008	-0.020	-0.036	-0.035	-0.015	-0.049	-0.083	-0.003	0.3500
0.4500	0.127	0.070	0.051	0.030	0.014	0.011	-0.008	-0.006	-0.001	-0.019	-0.034	-0.037	-0.029	-0.061	-0.075	-0.029	0.4500
0.5500	0.127	0.091	0.054	0.029	0.017	0.017	-0.007	-0.003	-0.004	-0.019	-0.028	-0.037	-0.049	-0.045	-0.063	-0.047	0.5500
0.6500	0.128	0.078	0.054	0.031	0.016	0.016	0.004	-0.003	-0.010	-0.026	-0.025	-0.039	-0.046	-0.033	-0.060	-0.031	0.6500
0.7500	0.123	0.075	0.057	0.031	0.016	0.013	-0.001	0.003		-0.024	-0.029	-0.041	-0.046	-0.030	-0.057		0.7500
0.8500	0.121	0.077	0.056	0.033	0.016	0.010	-0.005	-0.003	-0.012	-0.021	-0.027	-0.045	-0.047	-0.032	-0.053	-0.017	0.8500
0.9500	0.118	0.078	0.042	0.033	0.017	0.006	-0.001		-0.013	-0.020	-0.029	-0.045	-0.046	-0.029	-0.056	-0.024	0.9500
							M = 1.302		α = 03.93								
0.0500	0.101	0.045	0.040	0.014	0.018	0.002	-0.016	-0.006	-0.018	-0.018	-0.043	-0.053	-0.058	-0.053	-0.059	-0.038	0.0500
0.1500	0.094	0.041	0.030	0.008	0.003	-0.005	-0.020	-0.014	-0.017	-0.037	-0.044	-0.043	-0.033	-0.054	-0.061	-0.005	0.1500
0.2500	0.088	0.036	0.025	0.009	-0.001	-0.008	-0.013	-0.011	-0.024	-0.033	-0.035	-0.033				0.017	0.2500
0.3500	0.087	0.037	0.024	0.008	-0.002	-0.007	-0.008	-0.015	-0.020	-0.031	-0.031	-0.030	-0.015	-0.053	-0.070	0.012	0.3500
0.4500	0.101	0.045	0.027	0.008	-0.002	-0.009	-0.020	-0.020	-0.015	-0.034	-0.046	-0.047	-0.047	-0.049	-0.070	-0.018	0.4500
0.5500	0.132	0.092	0.055	0.022	0.010	-0.003	-0.019	-0.018	-0.015	-0.034	-0.040	-0.051	-0.059	-0.045	-0.070	-0.064	0.5500
0.6500	0.168	0.104	0.081	0.047	0.027	0.020	0.003	0.009	-0.011	-0.030	-0.028	-0.050	-0.051	-0.046	-0.073	-0.073	0.6500
0.7500	0.184	0.111	0.100	0.061	0.043	0.040	0.024	0.021		-0.018	-0.021	-0.041	-0.051	-0.046	-0.067		0.7500
0.8500	0.173	0.107	0.091	0.053	0.040	0.031	0.019	0.016	-0.011	-0.008	-0.014	-0.048	-0.052	-0.048	-0.062	-0.070	0.8500
0.9500	0.133	0.076	0.062	0.035	0.018	0.016	0.003	-0.005	-0.004	-0.025	-0.034	-0.056	-0.057	-0.047	-0.068	-0.061	0.9500
							M = 1.303		α = 07.86								
0.0500	0.042	-0.012	-0.011	-0.033	-0.045	-0.056	-0.063	-0.060	-0.056	-0.073	-0.084	-0.090	-0.075	-0.067	-0.081	-0.043	0.0500
0.1500	0.041	-0.005	-0.009	-0.020	-0.038	-0.043	-0.043	-0.050	-0.045	-0.065	-0.050	-0.060	-0.043	-0.059	-0.081	-0.016	0.1500
0.2500	0.045	0.002	-0.002	-0.011	-0.028	-0.016	-0.028	-0.030	-0.033	-0.037	-0.034	-0.032				-0.014	0.2500
0.3500	0.044	-0.002	-0.013	-0.018	-0.043	-0.028	-0.039	-0.042	-0.027	-0.051	-0.051	-0.048	-0.031	-0.072	-0.083	-0.020	0.3500
0.4500	0.049	-0.008	-0.025	-0.025	-0.054	-0.059	-0.063	-0.063	-0.061	-0.079	-0.090	-0.079	-0.070	-0.056	-0.081	-0.026	0.4500
0.5500	0.100	0.069	0.023	-0.005	-0.019	-0.037	-0.053	-0.052	-0.056	-0.078	-0.079	-0.097	-0.086	-0.105	-0.085	0.5500	
0.6500	0.203	0.124	0.100	0.051	0.044	0.040	0.000	0.005	0.007	-0.023	-0.036	-0.058	-0.062	-0.072	-0.087	-0.103	0.6500
0.7500	0.245	0.160	0.138	0.104	0.074	0.073	0.036	0.041		0.009	0.003	-0.032	-0.048	-0.070	-0.063		0.7500
0.8500	0.206	0.123	0.124	0.066	0.050	0.038	0.023	0.017	0.003	-0.010	-0.032	-0.056	-0.077	-0.074	-0.073	-0.074	0.8500
0.9500	0.113	0.048	0.038	-0.007	-0.014	-0.026	-0.039	-0.044	-0.044	-0.073	-0.079	-0.107	-0.106	-0.084	-0.109	-0.101	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(g) BV - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 1.303		α = 11.94								
0.0500	-0.016	-0.071	-0.081	-0.099	-0.121	-0.118	-0.119	-0.126	-0.126	-0.131	-0.116	-0.106	-0.083	-0.086	-0.090	-0.064	0.0500
0.1500	-0.003	-0.047	-0.049	-0.055	-0.054	-0.053	-0.078	-0.064	-0.064	-0.072	-0.072	-0.084	-0.062	-0.085	-0.089	-0.043	0.1500
0.2500	0.022	-0.009	-0.031	-0.029	-0.027	-0.025	-0.044	-0.031	-0.026	-0.044	-0.036	-0.051				-0.064	0.2500
0.3500		-0.050	-0.032	-0.058	-0.057	-0.052	-0.057	-0.057	-0.058	-0.073	-0.068	-0.062	-0.052	-0.088	-0.098	-0.048	0.3500
0.4500	-0.011	-0.071	-0.088	-0.108	-0.125	-0.116	-0.129	-0.129	-0.118	-0.138	-0.120	-0.097	-0.076	-0.074	-0.081	-0.060	0.4500
0.5500	0.076	0.042	-0.017	-0.045	-0.061	-0.083	-0.095	-0.104	-0.109	-0.136	-0.138	-0.154	-0.163	-0.140	-0.145	-0.157	0.5500
0.6500	0.242	0.160	0.137	0.094	0.075	0.058	0.023	0.029	0.010	-0.004	-0.037	-0.070	-0.085	-0.099	-0.090	-0.121	0.6500
0.7500	0.304	0.231	0.216	0.163	0.104	0.121	0.085	0.086		0.055	0.035	-0.015	-0.039	-0.065	-0.040		0.7500
0.8500	0.248	0.165	0.143	0.095	0.090	0.054	0.028	0.027	0.005	-0.001	-0.029	-0.062	-0.069	-0.100	-0.086	-0.119	0.8500
0.9500	0.082	0.014	-0.009	-0.056	-0.057	-0.076	-0.086	-0.105	-0.107	-0.129	-0.126	-0.176	-0.161	-0.136	-0.148	-0.152	0.9500
							M = 1.303		α = 15.82								
0.0500	-0.098	-0.148	-0.182	-0.197	-0.206	-0.198	-0.218	-0.202	-0.195	-0.175	-0.143	-0.128	-0.095	-0.116	-0.102	-0.076	0.0500
0.1500	-0.050	-0.126	-0.082	-0.072	-0.085	-0.091	-0.093	-0.102	-0.103	-0.111	-0.123	-0.122	-0.084	-0.110	-0.100	-0.068	0.1500
0.2500	0.009	-0.016	-0.031	-0.033	-0.050	-0.042	-0.042	-0.050	-0.072	-0.069	-0.103	-0.085				-0.102	0.2500
0.3500	-0.068	-0.116	-0.080	-0.069	-0.076	-0.078	-0.084	-0.094	-0.095	-0.108	-0.115	-0.126	-0.077	-0.110	-0.113	-0.069	0.3500
0.4500	-0.093	-0.137	-0.190	-0.197	-0.203	-0.213	-0.212	-0.186	-0.189	-0.175	-0.133	-0.119	-0.097	-0.086	-0.100	-0.087	0.4500
0.5500	0.043	0.005	-0.065	-0.115	-0.150	-0.140	-0.171	-0.171	-0.197	-0.195	-0.200	-0.230	-0.244	-0.192	-0.202	-0.222	0.5500
0.6500	0.285	0.203	0.173	0.115	0.089	0.069	0.055	0.035	0.024	-0.002	-0.028	-0.061	-0.073	-0.110	-0.128	-0.132	0.6500
0.7500	0.391	0.303	0.266	0.234	0.190	0.181	0.161	0.144		0.114	0.084	0.023	0.043	-0.021	-0.042		0.7500
0.8500	0.296	0.206	0.176	0.121	0.103	0.074	0.065	0.041	0.011	0.006	-0.028	-0.075	-0.075	-0.110	-0.125	-0.121	0.8500
0.9500	0.049	-0.029	-0.064	-0.096	-0.133	-0.145	-0.168	-0.164	-0.204	-0.204	-0.216	-0.244	-0.245	-0.187	-0.205	-0.216	0.9500
							M = 1.499		α = 03.83								
0.0500	0.072	0.036	0.023	0.006	-0.002	-0.014	-0.028	-0.031	-0.029	-0.038	-0.036	-0.054	-0.051	-0.047	-0.055	-0.046	0.0500
0.1500	0.060	0.023	0.012	0.006	-0.008	-0.018	-0.025	-0.028	-0.026	-0.028	-0.031	-0.044	-0.025	-0.050	-0.057	-0.023	0.1500
0.2500	0.057	0.018	0.009	0.008	-0.008	-0.016	-0.025	-0.022	-0.025	-0.022	-0.031	-0.037				-0.010	0.2500
0.3500	0.057	0.017	0.008	0.008	-0.013	-0.013	-0.024	-0.025	-0.025	-0.028	-0.028	-0.036	-0.021	-0.047	-0.058	-0.018	0.3500
0.4500	0.077	0.026	0.014	0.002	-0.003	-0.012	-0.027	-0.027	-0.026	-0.034	-0.037	-0.051	-0.034	-0.040	-0.060	-0.046	0.4500
0.5500	0.108	0.087	0.042	0.015	0.010	0.007	-0.013	-0.017	-0.024	-0.038	-0.036	-0.051	-0.048	-0.046	-0.060	-0.064	0.5500
0.6500	0.140	0.079	0.069	0.038	0.026	0.027	0.007	-0.003	-0.002	-0.034	-0.032	-0.034	-0.052	-0.050	-0.058	-0.064	0.6500
0.7500	0.156	0.095	0.084	0.055	0.038	0.068	0.014	0.005		-0.013	-0.026	-0.028	-0.037	-0.052	-0.059		0.7500
0.8500	0.137	0.084	0.072	0.042	0.028	0.031	0.005	0.001	-0.010	-0.009	-0.027	-0.024	-0.044	-0.058	-0.061	-0.059	0.8500
0.9500	0.103	0.056	0.042	0.021	0.010	0.006	-0.010	-0.020	-0.024	-0.031	-0.038	-0.057	-0.056	-0.059	-0.061	-0.071	0.9500
							M = 1.704		α = 03.83								
0.0500	0.114	0.065	0.048	0.028	0.017	0.000	0.014	0.001	-0.010	-0.015	-0.028	-0.039	-0.046	-0.047	-0.052	-0.055	0.0500
0.1500	0.091	0.053	0.043	0.024	0.007	0.020	0.015	-0.007	-0.010	-0.012	-0.027	-0.036	-0.028	-0.045	-0.050	-0.040	0.1500
0.2500	0.081	0.053	0.040	0.022	0.008	0.034	0.015	-0.004	-0.011	-0.014	-0.025	-0.034				-0.030	0.2500
0.3500	0.085	0.053	0.043	0.018	0.009	0.014	0.020	-0.007	-0.011	-0.016	-0.024	-0.033	-0.023	-0.034	-0.050	-0.041	0.3500
0.4500	0.106	0.066	0.044	0.027	0.009	0.002	0.021		-0.008	-0.025	-0.030	-0.039	-0.049	-0.043	-0.052	-0.055	0.4500
0.5500	0.135	0.135	0.067	0.051	0.028	0.019		0.017	-0.002	-0.024	-0.025	-0.040	-0.057	-0.039	-0.057	-0.064	0.5500
0.6500	0.171	0.118	0.102	0.066	0.046	0.043	0.026	0.021	0.006	-0.001	-0.018	-0.030	-0.054	-0.053	-0.057	-0.069	0.6500
0.7500	0.195	0.130	0.119	0.071	0.063	0.045	0.038	0.024		0.007	-0.007	-0.025	-0.048	-0.054	-0.056		0.7500
0.8500	0.185	0.117	0.107	0.053	0.064	0.041	0.028	0.014	0.010	0.008	0.002	-0.019	-0.046	-0.055	-0.060	-0.013	0.8500
0.9500	0.148	0.087	0.075	0.039	0.048	0.021	-0.003	0.011	0.017	-0.013	-0.022	-0.039	-0.048	-0.057	-0.059	-0.065	0.9500
							M = 1.903		α = 03.98								
0.0500	0.080	0.039	0.032	0.021	0.003	-0.004	-0.009	-0.012	-0.012	-0.014	-0.025	-0.036	-0.046	-0.043	-0.048	-0.057	0.0500
0.1500	0.067	0.031	0.021	0.008	-0.002	-0.007	-0.009	-0.004	-0.014	-0.018	-0.023	-0.029	-0.028	-0.040	-0.044	-0.042	0.1500
0.2500	0.057	0.030	0.021	0.006	0.001	0.002	-0.005	-0.005	-0.007	-0.017	-0.018	-0.022				-0.028	0.2500
0.3500	0.059	0.030	0.022	0.004	-0.002	0.001	-0.004	-0.007	-0.006	-0.015	-0.021	-0.022	-0.016	-0.036	-0.044	-0.043	0.3500
0.4500	0.078	0.039	0.034	0.006	0.002	-0.002	-0.010	-0.013	-0.011	-0.020	-0.033	-0.035	-0.041	-0.035	-0.046	-0.051	0.4500
0.5500	0.111	0.120	0.058	0.028	0.018	0.007	0.007	0.004	-0.005	-0.018	-0.024	-0.044	-0.054	-0.045	-0.051	-0.059	0.5500
0.6500	0.153	0.108	0.081	0.051	0.039	0.036	0.039	0.028	0.016	-0.002	-0.012	-0.045	-0.047	-0.054	-0.055	-0.063	0.6500
0.7500	0.174	0.117	0.102	0.055	0.056	0.052	0.053	0.031		0.015	-0.001	-0.026	-0.039	-0.050	-0.056		0.7500
0.8500	0.160	0.098	0.081	0.048	0.041	0.039	0.036	0.021	0.007	0.012	-0.011	-0.025	-0.043	-0.049	-0.058	-0.056	0.8500
0.9500	0.117	0.064	0.054	0.037	0.010	0.010	0.002	-0.001	-0.006	-0.009	-0.021	-0.043	-0.048	-0.053	-0.062	-0.064	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(g) BV - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 2.225		α=-03.78							
0.0500	0.104	0.060	0.049	0.030	0.021	0.017	0.007		-0.006	-0.012	-0.029	-0.023	-0.039	-0.026	-0.042	-0.047	0.0500
0.1500	0.141	0.081	0.068	0.049	0.037	0.030	0.025	0.019	0.001	-0.003	-0.018	-0.015	-0.025	-0.028	-0.046	-0.056	0.1500
0.2500	0.143	0.090	0.076	0.055	0.045	0.039	0.032	0.023	0.013	-0.005	-0.006	-0.014				-0.044	0.2500
0.3500	0.130	0.082	0.068	0.046	0.036	0.034	0.029	0.015	0.009	-0.009	-0.015	-0.017	-0.025	-0.028	-0.049	-0.057	0.3500
0.4500	0.103	0.060	0.046	0.030	0.023	0.018	0.007	-0.001	-0.008	-0.014	-0.024	-0.020	-0.038	-0.026	-0.043	-0.048	0.4500
0.5500	0.077	0.127	0.028	0.019	0.008	0.005	-0.006	-0.013	-0.006	-0.012	-0.020	-0.026	-0.030	-0.020	-0.034	-0.033	0.5500
0.6500	0.063	0.029	0.022	0.011	0.004	0.002	-0.008	-0.007	-0.004	-0.007	-0.017	-0.022	-0.022	-0.018	-0.027	-0.029	0.6500
0.7500	0.058	0.028	0.022	0.011	0.002	0.002	-0.005	-0.004		-0.010	-0.005	-0.021	-0.021	-0.013	-0.023		0.7500
0.8500	0.061	0.032	0.021	0.013	0.003	0.000	-0.004	-0.010	-0.008	-0.012	-0.015	-0.020	-0.023	-0.022	-0.025	-0.025	0.8500
0.9500	0.074	0.040	0.029	0.017	0.010	0.002	-0.004	-0.010	-0.008	-0.015	-0.020	-0.026	-0.025	-0.027	-0.034	-0.033	0.9500
								M = 2.237		α= 00.25							
0.0500	0.096	0.056	0.042	0.027	0.023	0.015	0.009	0.000	-0.005	-0.003	-0.026	-0.016	-0.024	-0.020	-0.024	-0.036	0.0500
0.1500	0.102	0.053	0.041	0.026	0.017	0.013	0.009	0.003	-0.010	-0.011	-0.023	-0.018	-0.022	-0.017	-0.031	-0.041	0.1500
0.2500	0.090	0.052	0.039	0.025	0.017	0.013	0.008	0.002	-0.010	-0.015	-0.020	-0.018				-0.039	0.2500
0.3500	0.090	0.052	0.039	0.025	0.018	0.015	0.013	0.003	-0.005	-0.020	-0.017	-0.020	-0.009	-0.003	-0.043	-0.045	0.3500
0.4500	0.096	0.053	0.039	0.027	0.018	0.015	0.010	0.003	-0.004	-0.012	-0.018	-0.018	-0.020	-0.022	-0.033	-0.038	0.4500
0.5500	0.097	0.137	0.044	0.029	0.021	0.017	0.007	0.001	-0.005	-0.005	-0.015	-0.017	-0.026	-0.019	-0.028	-0.035	0.5500
0.6500	0.103	0.053	0.047	0.030	0.024	0.016	0.009	-0.002	-0.004	-0.002	-0.010	-0.021	-0.023	-0.018	-0.031	-0.037	0.6500
0.7500	0.105	0.054	0.049	0.030	0.023	0.015	0.009	0.001		-0.003	-0.013	-0.019	-0.023	-0.022	-0.032		0.7500
0.8500	0.105	0.054	0.045	0.030	0.022	0.016	0.005	0.006	-0.002	-0.003	-0.002	-0.021	-0.023	-0.024	-0.029	-0.029	0.8500
0.9500	0.098	0.055	0.040	0.031	0.019	0.017	0.006	0.001	-0.002	-0.003	-0.009	-0.021	-0.022	-0.027	-0.030	-0.032	0.9500
								M = 2.235		α= 04.23							
0.0500	0.075	0.037	0.025	0.012	0.008	-0.001	-0.008	-0.015	-0.024	-0.027	-0.042	-0.033	-0.041	-0.028	-0.035	-0.045	0.0500
0.1500	0.069	0.026	0.019	0.010	0.002	-0.002	-0.008	-0.013	-0.023	-0.024	-0.033	-0.024	-0.021	-0.026	-0.041	-0.040	0.1500
0.2500	0.056	0.027	0.019	0.012	0.005	0.001	-0.004	-0.011	-0.019	-0.028	-0.024	-0.022				-0.038	0.2500
0.3500	0.057	0.027	0.019	0.008	0.002	0.000	-0.001	-0.011	-0.016	-0.027	-0.026	-0.025	-0.017	-0.026	-0.043	-0.046	0.3500
0.4500	0.074	0.037	0.025	0.011	0.003	-0.002	-0.008	-0.017	-0.018	-0.028	-0.035	-0.028	-0.040	-0.027	-0.039	-0.045	0.4500
0.5500	0.105	0.144	0.048	0.030	0.020	0.015	0.005	-0.002	-0.016	-0.014	-0.025	-0.037	-0.044	-0.037	-0.045	-0.049	0.5500
0.6500	0.142	0.093	0.074	0.053	0.039	0.037	0.024	0.012	0.003	0.004	-0.014	-0.025	-0.033	-0.034	-0.049	-0.057	0.6500
0.7500	0.160	0.105	0.088	0.066	0.051	0.047	0.034	0.025		0.009	0.007	-0.020	-0.026	-0.025	-0.042		0.7500
0.8500	0.146	0.093	0.077	0.056	0.044	0.035	0.024	0.018	0.003	0.001	-0.012	-0.025	-0.033	-0.040	-0.045	-0.048	0.8500
0.9500	0.110	0.062	0.049	0.029	0.020	0.013	0.007	-0.005	-0.010	-0.015	-0.029	-0.039	-0.038	-0.045	-0.048	-0.052	0.9500
								M = 2.230		α= 08.21							
0.0500	0.045	0.007	-0.007	-0.020	-0.024	-0.035	-0.044	-0.049	-0.058	-0.058	-0.070	-0.054	-0.055	-0.044	-0.054	-0.056	0.0500
0.1500	0.038	0.002	-0.005	-0.011	-0.017	-0.021	-0.025	-0.027	-0.038	-0.038	-0.049	-0.039	-0.036	-0.039	-0.050	-0.054	0.1500
0.2500	0.031	0.009	0.008		-0.008	-0.012	-0.015	-0.019	-0.028	-0.031	-0.026	-0.026				-0.044	0.2500
0.3500	0.027	0.000	-0.002	-0.011	-0.017	-0.018	-0.018	-0.027	-0.028	-0.038	-0.039	-0.039	-0.033	-0.044	-0.055	-0.061	0.3500
0.4500	0.044	0.010	-0.008	-0.023	-0.029	-0.034	-0.041	-0.050	-0.055	-0.061	-0.064	-0.050	-0.053	-0.036	-0.046	-0.053	0.4500
0.5500	0.113	0.140	0.044	0.016	0.005	-0.002	-0.012	-0.023	-0.034	-0.037	-0.054	-0.065	-0.077	-0.060	-0.074	-0.070	0.5500
0.6500	0.201	0.131	0.114	0.077	0.065	0.056	0.044	0.033	0.015	0.019	-0.008	-0.031	-0.039	-0.048	-0.064	-0.072	0.6500
0.7500	0.243	0.165	0.148	0.109	0.095	0.086	0.077	0.060		0.033	0.023	-0.005	-0.013	-0.025	-0.046		0.7500
0.8500	0.207	0.133	0.115	0.078	0.069	0.056	0.048	0.033	0.017	0.014		-0.025	-0.032	-0.042	-0.055	-0.065	0.8500
0.9500	0.120	0.061	0.042	0.016	0.005	-0.003	-0.011	-0.022	-0.026	-0.035	-0.050	-0.059	-0.066	-0.077	-0.080	-0.078	0.9500
								M = 2.234		α= 12.24							
0.0500	-0.001	-0.039	-0.057	-0.080	-0.085	-0.098	-0.111	-0.114	-0.116	-0.117	-0.109	-0.076	-0.074	-0.052	-0.074	-0.073	0.0500
0.1500	0.004	-0.032	-0.034	-0.034	-0.039	-0.043	-0.046	-0.049	-0.057	-0.062	-0.075	-0.066	-0.072	-0.063	-0.071	-0.068	0.1500
0.2500	0.003	-0.003	-0.005	-0.014	-0.022	-0.027	-0.027	-0.029	-0.036	-0.037	-0.039	-0.038				-0.063	0.2500
0.3500	-0.009	-0.032	-0.030	-0.033	-0.039	-0.037	-0.038	-0.049	-0.048	-0.058	-0.069	-0.061	-0.068	-0.059	-0.068	-0.070	0.3500
0.4500	0.002	-0.035	-0.057	-0.081	-0.090	-0.100	-0.102	-0.111	-0.117	-0.112	-0.101	-0.074	-0.069	-0.053	-0.072	-0.074	0.4500
0.5500	0.115	0.138	0.036	0.001	-0.012	-0.026	-0.033	-0.048	-0.057	-0.070	-0.079	-0.089	-0.098	-0.096	-0.106	-0.095	0.5500
0.6500	0.260	0.187	0.162	0.116	0.101	0.083	0.076	0.063	0.024	0.040	0.009	-0.022	-0.031	-0.053	-0.061	-0.073	0.6500
0.7500	0.328	0.250	0.222	0.171	0.152	0.137	0.131	0.116		0.081	0.067	0.040	0.018	-0.001	-0.012		0.7500
0.8500	0.261	0.193	0.159	0.118	0.100	0.086	0.078	0.060	0.026	0.040	0.047	-0.004	-0.020	-0.041	-0.052	-0.067	0.8500
0.9500	0.114	0.062	0.035	0.005	-0.012	-0.020	-0.034	-0.051	-0.047	-0.054	-0.030	-0.087	-0.095	-0.106	-0.109	-0.099	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(g) BV - Concluded

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M= 2.220		α= 16.22								
0.0500	-0.042	-0.081	-0.097	-0.118	-0.120	-0.134	-0.139	-0.132	-0.130	-0.117	-0.116	-0.096	-0.097	-0.074	-0.086	-0.097	0.0500
0.1500	-0.028	-0.070	-0.071	-0.073	-0.072	-0.080	-0.083	-0.087	-0.099	-0.102	-0.108	-0.088	-0.094	-0.082	-0.092	-0.089	0.1500
0.2500	-0.010	-0.014	-0.013	-0.029	-0.037	-0.041	-0.044	-0.051	-0.059	-0.064	-0.097	-0.066				-0.076	0.2500
0.3500	-0.039	-0.070	-0.067	-0.075	-0.079	-0.078	-0.078	-0.089	-0.085	-0.099	-0.097	-0.089	-0.088	-0.069	-0.092	-0.098	0.3500
0.4500	-0.043	-0.076	-0.099	-0.118	-0.124	-0.127	-0.133	-0.130	-0.126	-0.124	-0.104	-0.091	-0.094	-0.081	-0.092	-0.085	0.4500
0.5500	0.118	0.138	0.036	-0.001	-0.013	-0.030	-0.036	-0.053	-0.065	-0.079	-0.081	-0.100	-0.116	-0.116	-0.128	-0.112	0.5500
0.6500	0.323	0.248	0.214	0.167	0.149	0.133	0.120	0.101	0.081	0.078	0.046	0.025	0.003	-0.025	-0.045	-0.054	0.6500
0.7500	0.419	0.339	0.298	0.247	0.227	0.208	0.199	0.182		0.147	0.132	0.093	0.063	0.048	0.014		0.7500
0.8500	0.325	0.252	0.214	0.171	0.152	0.133	0.129	0.098	0.087	0.077	0.064	0.029	0.031	-0.014	-0.027	-0.049	0.8500
0.9500	0.122	0.068	0.039	0.003	-0.011	-0.024	-0.034	-0.048	-0.044	-0.070	-0.067	-0.090	-0.102	-0.135	-0.130	-0.113	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(h) BVC $\delta = -0.1^{\circ}$

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 0.701 α=-04.08																	
0.0500	0.061	0.107	0.071	-0.082	0.011	-0.038	-0.057	-0.055	-0.063	-0.070	-0.071	-0.066	-0.068	-0.054	-0.019	0.053	0.0500
0.1500	0.099	0.090	0.055	-0.018	-0.013	-0.031	-0.046	-0.049	-0.059	-0.063	-0.064	-0.062	-0.071	-0.071	-0.019	0.064	0.1500
0.2500	0.119	0.090	0.055	-0.004	-0.010	-0.026	-0.040	-0.040	-0.053	-0.062	-0.065	-0.058				0.078	0.2500
0.3500	0.105	0.090	0.056	-0.018	-0.013	-0.028	-0.046	-0.047	-0.050	-0.067	-0.067	-0.060	-0.072	-0.079	-0.036	0.062	0.3500
0.4500	0.068	0.106	0.065	-0.080	0.006	-0.039	-0.056	-0.058	-0.059	-0.071	-0.074	-0.068	-0.068	-0.058	-0.026	0.051	0.4500
0.5500	0.035	-0.027	-0.118	-0.152	-0.006	-0.046	-0.060	-0.061	-0.064	-0.076	-0.069	-0.070	-0.062	-0.044	-0.022	0.048	0.5500
0.6500	0.016	-0.052	-0.088	-0.099	-0.047	-0.056	-0.064	-0.063	-0.065	-0.072	-0.069	-0.068	-0.066	-0.040	-0.015	0.051	0.6500
0.7500	0.013	-0.048	-0.079	-0.088	-0.064	-0.057	-0.064	-0.061		-0.072	-0.068	-0.065	-0.058	-0.036	-0.012		0.7500
0.8500	0.017	-0.053	-0.091	-0.102	-0.051	-0.055	-0.065	-0.061	-0.069	-0.071	-0.072	-0.067	-0.062	-0.039	-0.011	0.053	0.8500
0.9500	0.028	-0.063	-0.138	-0.160	-0.008	-0.048	-0.060	-0.061	-0.068	-0.073	-0.072	-0.072	-0.062	-0.046	-0.011	0.054	0.9500
M = 0.695 α=-00.25																	
0.0500	0.053	0.033	-0.019	-0.130	-0.002	-0.043	-0.059	-0.056	-0.062	-0.065	-0.068	-0.064	-0.067	-0.052	-0.024	0.045	0.0500
0.1500	0.054	0.021	-0.017	-0.062	-0.036	-0.044	-0.058	-0.057	-0.062	-0.066	-0.067	-0.058	-0.062	-0.061	-0.016	0.058	0.1500
0.2500	0.056	0.016	-0.019	-0.053	-0.044	-0.047	-0.058	-0.059	-0.062	-0.072	-0.065	-0.058				0.068	0.2500
0.3500	0.056	0.019	-0.016	-0.064	-0.038	-0.042	-0.057	-0.059	-0.061	-0.070	-0.067	-0.058	-0.057	-0.066	-0.030	0.057	0.3500
0.4500	0.058	0.032	-0.020	-0.125	-0.005	-0.044	-0.057	-0.059	-0.059	-0.069	-0.070	-0.060	-0.060	-0.051	-0.025	0.052	0.4500
0.5500	0.059	0.045	-0.030	-0.118	-0.005	-0.042	-0.056	-0.059	-0.059	-0.068	-0.066	-0.066	-0.061	-0.048	-0.024	0.050	0.5500
0.6500	0.060	0.017	-0.020	-0.063	-0.035	-0.044	-0.055	-0.056	-0.056	-0.066	-0.064	-0.067	-0.065	-0.044	-0.022	0.050	0.6500
0.7500	0.060	0.014	-0.019	-0.053	-0.045	-0.047	-0.053	-0.057		-0.063	-0.066	-0.067	-0.063	-0.043	-0.019		0.7500
0.8500	0.060	0.015	-0.022	-0.064	-0.038	-0.044	-0.058	-0.057	-0.057	-0.065	-0.070	-0.067	-0.063	-0.045	-0.017	0.050	0.8500
0.9500	0.054	0.021	-0.049	-0.125	-0.009	-0.044	-0.056	-0.057	-0.062	-0.067	-0.069	-0.069	-0.062	-0.049	-0.018	0.053	0.9500
M = 0.697 α= 03.78																	
0.0500	0.032	-0.050	-0.104	-0.161		-0.044	-0.060	-0.055	-0.063	-0.068	-0.072	-0.060	-0.059	-0.048	-0.022	0.047	0.0500
0.1500	0.012	-0.046	-0.085	-0.097	-0.045	-0.051	-0.062	-0.059	-0.065	-0.068	-0.067	-0.052	-0.053	-0.047	-0.010	0.057	0.1500
0.2500	0.011	-0.043	-0.078	-0.085	-0.058	-0.053	-0.062	-0.059	-0.065	-0.069	-0.058	-0.050				0.067	0.2500
0.3500	0.012	-0.048	-0.082	-0.100	-0.049	-0.050	-0.062	-0.061	-0.063	-0.070	-0.067	-0.048	-0.051	-0.052	-0.019	0.067	0.3500
0.4500	0.030	-0.043	-0.104	-0.159	-0.004	-0.046	-0.058	-0.058	-0.061	-0.073	-0.071	-0.060	-0.055	-0.047	-0.018	0.055	0.4500
0.5500	0.068	0.119	0.057	-0.076	0.005	-0.036	-0.051	-0.053	-0.058	-0.069	-0.064	-0.066	-0.061	-0.046	-0.023	0.051	0.5500
0.6500	0.111	0.091	0.058	-0.014	-0.009	-0.024	-0.037	-0.040	-0.048	-0.058	-0.057	-0.061	-0.064	-0.046	-0.025	0.051	0.6500
0.7500	0.131	0.096	0.062	0.002	-0.007	-0.017	-0.031	-0.030		-0.052	-0.052	-0.059	-0.059	-0.047	-0.023		0.7500
0.8500	0.110	0.090	0.057	-0.015	-0.011	-0.029	-0.040	-0.039	-0.038	-0.055	-0.064	-0.064	-0.063	-0.044	-0.022	0.039	0.8500
0.9500	0.063	0.099	0.051	-0.075	0.004	-0.040	-0.052	-0.054	-0.061	-0.067	-0.069	-0.070	-0.059	-0.049	-0.021	0.055	0.9500
M = 0.695 α= 07.81																	
0.0500	-0.043	-0.178	-0.212	-0.205	-0.012	-0.067	-0.080	-0.076	-0.094	-0.091	-0.097	-0.087	-0.104	-0.067	-0.033	0.025	0.0500
0.1500	-0.050	-0.147	-0.178	-0.143	-0.068	-0.071	-0.078	-0.078	-0.093	-0.093	-0.091	-0.077	-0.074	-0.060	-0.020	0.035	0.1500
0.2500	-0.040	-0.122	-0.156	-0.126	-0.080	-0.070	-0.078	-0.073	-0.090	-0.092	-0.084	-0.068				0.046	0.2500
0.3500	-0.050	-0.148	-0.169	-0.141	-0.070	-0.070	-0.078	-0.078	-0.082	-0.091	-0.083	-0.067	-0.056	-0.056	-0.030	0.042	0.3500
0.4500	-0.045	-0.170	-0.197	-0.200	-0.016	-0.070	-0.078	-0.078	-0.087	-0.095	-0.091	-0.077	-0.074	-0.062	-0.033	0.033	0.4500
0.5500	0.034	0.181	0.137	-0.032	0.008	-0.050	-0.071	-0.073	-0.087	-0.094	-0.093	-0.098	-0.094	-0.086	-0.056	0.022	0.5500
0.6500	0.147	0.157	0.126	0.027	0.012	-0.017	-0.035	-0.037	-0.063	-0.068	-0.075	-0.083	-0.087	-0.075	-0.054	0.027	0.6500
0.7500	0.207	0.179	0.142	0.057	0.030	0.009	-0.008	-0.014		-0.051	-0.048	-0.063	-0.072	-0.061	-0.038		0.7500
0.8500	0.151	0.156	0.126	0.030	0.011	-0.019	-0.036	-0.037	-0.050	-0.054	-0.078	-0.070	-0.082	-0.063	-0.054	-0.010	0.8500
0.9500	0.034	0.161	0.120	-0.032	0.007	-0.052	-0.071	-0.075	-0.087	-0.086	-0.097	-0.096	-0.096	-0.080	-0.057	0.029	0.9500
M = 0.697 α= 11.79																	
0.0500	-0.148	-0.388	-0.419	-0.286	-0.054	-0.113	-0.119	-0.116	-0.114	-0.124	-0.128	-0.119	-0.100	-0.088	-0.057	0.017	0.0500
0.1500	-0.125	-0.267	-0.302	-0.200	-0.094	-0.101	-0.109	-0.117	-0.119	-0.118	-0.115	-0.090	-0.080	-0.084	-0.047	0.016	0.1500
0.2500	-0.088	-0.211	-0.262	-0.181	-0.108	-0.097	-0.106	-0.110	-0.119	-0.116	-0.099	-0.077				0.035	0.2500
0.3500	-0.130	-0.259	-0.287	-0.198	-0.099	-0.097	-0.111	-0.115	-0.113	-0.119	-0.103	-0.078	-0.072	-0.087	-0.062	0.008	0.3500
0.4500	-0.150	-0.369	-0.429	-0.278	-0.055	-0.114	-0.119	-0.118	-0.114	-0.122	-0.122	-0.105	-0.094	-0.079	-0.055	0.013	0.4500
0.5500	-0.033	0.245	0.205	-0.003	-0.012	-0.081	-0.110	-0.120	-0.128	-0.143	-0.141	-0.143	-0.147	-0.141	-0.121	-0.034	0.5500
0.6500	0.173	0.211	0.184	0.063	0.018	-0.017	-0.041	-0.046	-0.051	-0.063	-0.080	-0.085	-0.101	-0.092	-0.074	0.013	0.6500
0.7500	0.283	0.261	0.216	0.105	0.059	0.034	0.015	0.009		-0.015	-0.035	-0.042	-0.059	-0.053	-0.035		0.7500
0.8500	0.184	0.215	0.186	0.066	0.020	-0.017	-0.043	-0.046	-0.054	-0.065	-0.073	-0.093	-0.107	-0.095	-0.080	0.015	0.8500
0.9500	-0.030	0.223	0.190	0.002	-0.007	-0.082	-0.109	-0.120	-0.134	-0.146	-0.143	-0.160	-0.150	-0.142	-0.113	-0.023	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(h) BVC $\delta = -0.1°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
	M = 0.699 α = 15.67																
0.0500	-0.264	-0.637	-0.538	-0.341	-0.041	-0.135	-0.146	-0.138	-0.135	-0.149	-0.144	-0.140	-0.107	-0.106	-0.069	0.000	0.0500
0.1500	-0.246	-0.392	-0.422	-0.256	-0.119	-0.136	-0.147	-0.145	-0.140	-0.131	-0.109	-0.104	-0.123	-0.132	-0.069	0.003	0.1500
0.2500	-0.121	-0.309	-0.365	-0.224	-0.132	-0.121	-0.133	-0.140	-0.138	-0.141	-0.118	-0.082				0.004	0.2500
0.3500	-0.213	-0.397	-0.416	-0.253	-0.121	-0.131	-0.144	-0.143	-0.136	-0.133	-0.113	-0.098	-0.120	-0.138	-0.086	-0.012	0.3500
0.4500	-0.270	-0.601	-0.531	-0.335	-0.046	-0.133	-0.142	-0.139	-0.132	-0.145	-0.139	-0.137	-0.105	-0.099	-0.065		0.4500
0.5500	-0.115	0.282	0.277	0.038	-0.031	-0.109	-0.149	-0.167	-0.182	-0.204	-0.209	-0.219	-0.205	-0.195	-0.175	-0.088	0.5500
0.6500	0.200	0.270	0.246	0.104	0.033	-0.008	-0.035	-0.046	-0.056	-0.072	-0.078	-0.099	-0.119	-0.108	-0.087	-0.002	0.6500
0.7500	0.364	0.346	0.298	0.164	0.103	0.072	0.054	0.049		0.007	0.003	-0.016	-0.030	-0.037	-0.024		0.7500
0.8500	0.212	0.273	0.249	0.107	0.036	-0.012	-0.038	-0.050	-0.059	-0.079	-0.098	-0.099	-0.118	-0.110	-0.095	-0.007	0.8500
0.9500	-0.108	0.267	0.264	0.043	-0.028	-0.107	-0.147	-0.172	-0.189	-0.202	-0.217	-0.234	-0.214	-0.205	-0.166	-0.070	0.9500
	M = 0.902 α = 03.73																
0.0500	0.033	-0.043	-0.113	-0.240	0.012	-0.064	-0.087	-0.082	-0.090	-0.097	-0.102	-0.090	-0.086	-0.077	-0.035	0.044	0.0500
0.1500	0.020	-0.041	-0.100	-0.185	-0.040	-0.070	-0.088	-0.084	-0.093	-0.097	-0.097	-0.085	-0.080	-0.087	-0.032	0.059	0.1500
0.2500	0.018	-0.040	-0.094	-0.163	-0.059	-0.071	-0.088	-0.084	-0.095	-0.099	-0.093	-0.081				0.067	0.2500
0.3500	0.018	-0.045	-0.097	-0.188	-0.045	-0.068	-0.088	-0.086	-0.091	-0.101	-0.099	-0.084	-0.074	-0.091	-0.044	0.054	0.3500
0.4500	0.034	-0.040	-0.112	-0.240	0.010	-0.066	-0.085	-0.083	-0.091	-0.101	-0.102	-0.091	-0.081	-0.077	-0.041	0.051	0.4500
0.5500	0.071	0.124	0.050	-0.121	0.014	-0.057	-0.079	-0.079	-0.087	-0.097	-0.096	-0.098	-0.089	-0.080	-0.049	0.049	0.5500
0.6500	0.111	0.094	0.053	-0.059	-0.017	-0.045	-0.066	-0.066	-0.075	-0.083	-0.090	-0.092	-0.094	-0.079	-0.050	0.055	0.6500
0.7500	0.133	0.096	0.058	-0.037	-0.022	-0.040	-0.059	-0.059		-0.077	-0.083	-0.089	-0.088	-0.076	-0.050		0.7500
0.8500	0.113	0.091	0.052	-0.059	-0.019	-0.049	-0.069	-0.067	-0.072	-0.084	-0.096	-0.095	-0.094	-0.080	-0.049	0.055	0.8500
0.9500	0.069	0.099	0.045	-0.122	0.013	-0.061	-0.080	-0.080	-0.089	-0.098	-0.101	-0.101	-0.087	-0.082	-0.040	0.059	0.9500
	M = 0.956 α = 03.83																
0.0500	0.059	-0.018	-0.082	-0.189	-0.030	-0.037	-0.075	-0.073	-0.095	-0.104	-0.106	-0.104	-0.088	-0.092	-0.025	0.070	0.0500
0.1500	0.043	-0.016	-0.078	-0.148	-0.128	-0.037	-0.076	-0.076	-0.098	-0.105	-0.108	-0.096	-0.077	-0.100	-0.025	0.077	0.1500
0.2500	0.042	-0.015	-0.073	-0.139	-0.211	-0.035	-0.077	-0.077	-0.100	-0.107	-0.099	-0.092				0.084	0.2500
0.3500	0.043	-0.019	-0.076	-0.153	-0.130	-0.036	-0.077	-0.079	-0.094	-0.109	-0.102	-0.093	-0.063	-0.104	-0.039	0.073	0.3500
0.4500	0.058	-0.014	-0.089	-0.190	-0.032	-0.037	-0.074	-0.076	-0.094	-0.110	-0.106	-0.100	-0.072	-0.093	-0.035	0.066	0.4500
0.5500	0.093	0.145	0.067	-0.069	-0.017	-0.034	-0.069	-0.072	-0.094	-0.106	-0.103	-0.105	-0.083	-0.095	-0.042	0.072	0.5500
0.6500	0.133	0.113	0.073	-0.031	-0.104	-0.022	-0.056	-0.060	-0.083	-0.097	-0.096	-0.105	-0.087	-0.093	-0.046	0.077	0.6500
0.7500	0.153	0.118	0.079	-0.016	-0.130	-0.011	-0.048	-0.048		-0.091	-0.091	-0.102	-0.086	-0.092	-0.046		0.7500
0.8500	0.137	0.113	0.073	-0.030	-0.108	-0.021	-0.060	-0.060	-0.069	-0.092	-0.098	-0.104	-0.088	-0.096	-0.044	0.074	0.8500
0.9500	0.089	0.123	0.067	-0.073	-0.026	-0.036	-0.070	-0.074	-0.089	-0.103	-0.105	-0.114	-0.084	-0.099	-0.033	0.080	0.9500
	M = 0.999 α = 03.93																
0.0500	0.099	0.024	-0.036	-0.138	-0.016	-0.053	-0.082	-0.079	-0.082	-0.090	-0.075	-0.097	-0.079	-0.092	-0.077	0.077	0.0500
0.1500	0.086	0.026	-0.031	-0.099	-0.135	-0.050	-0.082	-0.084	-0.091	-0.095	-0.072	-0.093	-0.070	-0.102	-0.071	0.082	0.1500
0.2500	0.084	0.026	-0.028	-0.088	-0.215	-0.046	-0.082	-0.083	-0.091	-0.094	-0.071	-0.090				0.087	0.2500
0.3500	0.086	0.024	-0.032	-0.101	-0.133	-0.048	-0.082	-0.085	-0.091	-0.098	-0.069	-0.091	-0.060	-0.101	-0.074	0.083	0.3500
0.4500	0.098	0.030	-0.048	-0.135	-0.016	-0.053	-0.078	-0.083	-0.086	-0.099	-0.069	-0.097	-0.071	-0.099	-0.079	0.075	0.4500
0.5500	0.135	0.185	0.109	-0.012	-0.008	-0.050	-0.075	-0.080	-0.083	-0.100	-0.063	-0.100	-0.086	-0.092	-0.088	0.080	0.5500
0.6500	0.172	0.152	0.112	0.022	-0.103	-0.038	-0.061	-0.066	-0.078	-0.092	-0.058	-0.093	-0.098	-0.090	-0.100	0.086	0.6500
0.7500	0.193	0.158	0.118	0.035	-0.135	-0.029	-0.053	-0.056		-0.083	-0.054	-0.090	-0.097	-0.085	-0.102		0.7500
0.8500	0.177	0.152	0.112	0.023	-0.108	-0.040	-0.062	-0.065	-0.053	-0.086	-0.061	-0.093	-0.100	-0.090	-0.103	0.072	0.8500
0.9500	0.130	0.161	0.107	-0.015	-0.012	-0.052	-0.075	-0.083	-0.078	-0.100	-0.065	-0.106	-0.088	-0.098	-0.092	0.089	0.9500
	M = 1.049 α = 03.93																
0.0500	0.102	0.060	0.022	-0.051	0.070	0.034	-0.013	-0.039	-0.069	-0.090	-0.114	-0.109	-0.096	-0.123	-0.135	-0.019	0.0500
0.1500	0.091	0.061	0.028	-0.012	-0.039	0.032	-0.019	-0.049	-0.069	-0.094	-0.110	-0.107	-0.082	-0.129	-0.140	-0.006	0.1500
0.2500	0.089	0.061	0.031	-0.001	-0.122	0.033	-0.020	-0.047	-0.076	-0.098	-0.105	-0.105				0.003	0.2500
0.3500	0.089	0.059	0.027	-0.012	-0.040	0.032	-0.020	-0.050	-0.075	-0.100	-0.107	-0.104	-0.075	-0.125	-0.148	-0.007	0.3500
0.4500	0.103	0.065	0.004	-0.048	0.070	0.060	-0.014	-0.043	-0.070	-0.094	-0.110	-0.103	-0.086	-0.130	-0.141	-0.026	0.4500
0.5500	0.136	0.210	0.155	0.064	0.079	0.039	-0.006	-0.037	-0.067	-0.096	-0.111	-0.107	-0.100	-0.120	-0.144	-0.045	0.5500
0.6500	0.173	0.181	0.159	0.097	-0.011	0.056	0.012	-0.021	-0.049	-0.087	-0.105	-0.109	-0.100	-0.117	-0.139	-0.079	0.6500
0.7500	0.193	0.184	0.164	0.108	-0.045	0.065	0.023	-0.011		-0.073	-0.096	-0.111	-0.092	-0.114	-0.139		0.7500
0.8500	0.175	0.180	0.159	0.098	-0.016	0.057	0.010	-0.017	-0.053	-0.081	-0.108	-0.114	-0.101	-0.121	-0.145	-0.066	0.8500
0.9500	0.133	0.189	0.154	0.060	0.072	0.039	-0.004	-0.036	-0.071	-0.096	-0.116	-0.117	-0.100	-0.125	-0.140	-0.041	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(h) BVC $\delta = -0.1°$ - Continued

	Fraction of body length, x/l															
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 1.101		α= 03.93							
0.0500	0.113	0.061	0.032	-0.063	0.041	-0.014	0.003	0.014	0.020	0.030	0.003	-0.062	-0.061	-0.058	-0.067	0.031	0.0500
0.1500	0.101	0.062	0.038	-0.032	-0.126	0.005	0.009	0.014	0.017	0.016	0.000	-0.053	-0.034	-0.072	-0.073	0.047	0.1500
0.2500	0.100	0.060	0.039	-0.023	-0.128	0.029	0.011	0.017	0.011	0.007	0.002	-0.050				0.056	0.2500
0.3500	0.102	0.057	0.034	-0.032	-0.126	0.011	0.011	0.012	0.011	0.006	0.004	-0.054	-0.030	-0.067	-0.087	0.043	0.3500
0.4500	0.114	0.062	0.011	-0.055	0.044	-0.010	0.007	0.012	0.018	0.018	0.009	-0.060	-0.054	-0.053	-0.072	0.027	0.4500
0.5500	0.149	0.210	0.149	0.086	0.050	-0.002	0.000	0.011	0.021	0.027	0.016	-0.063	-0.086	-0.050	-0.065	0.012	0.5500
0.6500	0.185	0.179	0.156	0.106	-0.048	0.020	0.002	0.018	0.030	0.047	0.026	-0.053	-0.099	-0.045	-0.058	-0.023	0.6500
0.7500	0.205	0.184	0.163	0.111	-0.018	0.033	0.008	0.016		0.052	0.035	-0.048	-0.098	-0.035	-0.056		0.7500
0.8500	0.186	0.180	0.160	0.106	-0.051	0.016	0.002	0.016	0.023	0.047	0.018	-0.054	-0.102	-0.038	-0.064	-0.013	0.8500
0.9500	0.142	0.189	0.155	0.080	0.042	-0.010	-0.002	0.006	0.019	0.035	0.007	-0.068	-0.087	-0.049	-0.068	0.019	0.9500
								M = 1.303		α=-04.18							
0.0500	0.116	0.157	0.155	0.106	0.022	0.014	-0.016	-0.007	-0.010	-0.028	-0.035	-0.060	-0.056	-0.054	-0.071	-0.037	0.0500
0.1500	0.153	0.144	0.142	0.108	0.011	0.029	-0.006	-0.007	-0.012	-0.025	-0.037	-0.046	-0.039	-0.080	-0.078	-0.056	0.1500
0.2500	0.172	0.140	0.136	0.107	0.073	0.020	-0.004		-0.008	-0.024	-0.039	-0.042				-0.049	0.2500
0.3500	0.158	0.140	0.139	0.103	0.010	0.033	-0.006	-0.008	-0.007	-0.025	-0.040	-0.040	-0.024	-0.081	-0.094	-0.074	0.3500
0.4500	0.125	0.149	0.140	0.101	0.021	0.015	-0.016	-0.013	-0.011	-0.027	-0.041	-0.052	-0.051	-0.061	-0.079	-0.057	0.4500
0.5500	0.096	0.055	-0.012	-0.025	-0.024	0.006	-0.021	-0.010	-0.016	-0.033	-0.041	-0.046	-0.054	-0.047	-0.069	-0.030	0.5500
0.6500	0.080	0.021		-0.022	-0.089	-0.006	0.000	-0.018	-0.022	-0.034	-0.040	-0.050	-0.051	-0.045	-0.056	-0.011	0.6500
0.7500	0.080	0.026	0.002	-0.024	-0.056	-0.046	0.013	-0.012		-0.034	-0.037	-0.047	-0.049	-0.040	-0.052		0.7500
0.8500	0.084	0.021	0.003	-0.027	-0.093	-0.001	0.005	-0.005	-0.027	-0.034	-0.037	-0.048	-0.054	-0.040	-0.055	-0.010	0.8500
0.9500	0.089	0.001	-0.017	-0.035	-0.030	0.011	-0.018	-0.011	-0.026	-0.035	-0.039	-0.053	-0.054	-0.042	-0.062	-0.009	0.9500
								M = 1.303		α=-00.15							
0.0500	0.121	0.105	0.082	0.031	0.017	0.028	-0.008	0.002	0.003	-0.016	-0.029	-0.044	-0.042	-0.044	-0.057	-0.029	0.0500
0.1500	0.126	0.089	0.079	0.042	-0.039	0.015	-0.001	-0.002	-0.006	-0.019	-0.031	-0.039	-0.022	-0.063	-0.063	-0.014	0.1500
0.2500	0.128	0.082	0.074	0.043	0.012	-0.010	0.002	-0.001	-0.011	-0.027	-0.037	-0.034				0.004	0.2500
0.3500	0.128	0.085	0.076	0.038	-0.037	0.021		-0.005	-0.008	-0.023	-0.033	-0.033	-0.013	-0.066	-0.074	-0.027	0.3500
0.4500	0.128	0.096	0.070	0.029	0.017	0.028	-0.012	-0.004		-0.013	-0.036	-0.038	-0.035	-0.053	-0.062	-0.042	0.4500
0.5500	0.129	0.114	0.061	0.031	-0.002	0.037	-0.010	-0.004	-0.005	-0.021	-0.026	-0.037	-0.046	-0.036	-0.057	-0.037	0.5500
0.6500	0.126	0.085	0.069	0.034	-0.039	0.022	0.006	0.006	-0.005	-0.024	-0.028	-0.040	-0.044	-0.028	-0.054	-0.028	0.6500
0.7500	0.123	0.087	0.071	0.034	0.006	-0.019	0.007	0.002		-0.023	-0.024	-0.045	-0.046	-0.026	-0.051		0.7500
0.8500	0.121	0.090	0.072	0.034	-0.033	0.008	0.001	0.001	-0.012	-0.019	-0.030	-0.045	-0.043	-0.025	-0.052	-0.026	0.8500
0.9500	0.117	0.093	0.054	0.026	-0.014	0.023	-0.003	0.003	-0.007	-0.022	-0.029	-0.044	-0.045	-0.031	-0.058	-0.026	0.9500
								M = 1.304		α= 03.73							
0.0500	0.100	0.034	0.007	-0.032	0.002	0.014	-0.023	-0.010	-0.010	-0.025	-0.041	-0.055	-0.047	-0.046	-0.065	-0.015	0.0500
0.1500	0.088	0.032	0.012	-0.020	-0.090	-0.008	-0.008	-0.009	-0.018	-0.030	-0.041	-0.040	-0.029	-0.064	-0.062	0.002	0.1500
0.2500	0.085	0.033	0.014	-0.012	-0.042	-0.040	0.003	-0.014	-0.021	-0.032	-0.037	-0.033				0.014	0.2500
0.3500	0.084	0.030	0.014	-0.020	-0.088	-0.012	-0.002	-0.019	-0.017	-0.033	-0.041	-0.036	-0.019	-0.066	-0.074	-0.008	0.3500
0.4500	0.102	0.032	0.002	-0.029	0.001	0.006	-0.018	-0.014	-0.012	-0.029	-0.046	-0.048	-0.044	-0.048	-0.065	-0.026	0.4500
0.5500	0.133	0.163	0.129	0.091	-0.007	0.018	-0.022	-0.015	-0.016	-0.026	-0.038	-0.046	-0.055	-0.041	-0.070	-0.049	0.5500
0.6500	0.165	0.126	0.130	0.088	0.013	0.033		-0.005	-0.007	-0.026	-0.027	-0.043	-0.052	-0.032	-0.069	-0.073	0.6500
0.7500	0.179	0.125	0.133	0.090	0.065	0.004	0.008	0.003		-0.018	-0.020	-0.045	-0.052	-0.038	-0.063		0.7500
0.8500	0.162	0.123	0.133	0.088	0.013	0.020	0.004	-0.004	-0.009	-0.020	-0.036	-0.049	-0.052	-0.035	-0.067	-0.072	0.8500
0.9500	0.124	0.133	0.135	0.084	-0.013	0.019	-0.014	-0.012	-0.014	-0.033	-0.038	-0.053	-0.056	-0.041	-0.068	-0.045	0.9500
								M = 1.304		α= 07.86							
0.0500	0.051	-0.058	-0.060	-0.093	-0.032	-0.019	-0.047	-0.038	-0.039	-0.046	-0.061	-0.069	-0.084	-0.059	-0.077	-0.025	0.0500
0.1500	0.040	-0.031	-0.055	-0.080	-0.147	-0.035	-0.026	-0.034	-0.042	-0.048	-0.057	-0.059	-0.049	-0.069	-0.068	-0.002	0.1500
0.2500	0.045	-0.016	-0.042	-0.065	-0.109	-0.023	-0.014	-0.026	-0.041	-0.049	-0.052	-0.049				0.012	0.2500
0.3500	0.038	-0.034	-0.055	-0.076	-0.149	-0.031	-0.026	-0.038	-0.038	-0.050	-0.054	-0.049	-0.022	-0.064	-0.079	-0.009	0.3500
0.4500	0.049	-0.040	-0.072	-0.085	-0.041	-0.023	-0.045	-0.042	-0.034	-0.047	-0.065	-0.058	-0.059	-0.060	-0.080	-0.023	0.4500
0.5500	0.111	0.229	0.199	0.164	0.004	-0.016	-0.047	-0.049	-0.044	-0.051	-0.067	-0.075	-0.083	-0.066	-0.100	-0.098	0.5500
0.6500	0.199	0.187	0.203	0.163	0.069	0.044	-0.017	-0.018	-0.010	-0.045	-0.043	-0.075	-0.073	-0.060	-0.093	-0.097	0.6500
0.7500	0.241	0.194	0.215	0.167	0.137	0.055	0.020	0.010		-0.013	-0.018	-0.055	-0.050	-0.056	-0.071		0.7500
0.8500	0.202	0.182	0.210	0.163	0.072	0.044	-0.020	-0.015	-0.011	-0.022	-0.038	-0.053	-0.072	-0.071	-0.079	-0.092	0.8500
0.9500	0.111	0.190	0.203	0.158	0.008	-0.006	-0.043	-0.039	-0.044	-0.055	-0.065	-0.086	-0.085	-0.067	-0.105	-0.087	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(h) BVC $\delta = -0.1°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 1.305		α = 11.94							
0.0500	-0.018	-0.136	-0.123	-0.150	-0.063	-0.056	-0.066	-0.068	-0.055	-0.072	-0.088	-0.100	-0.085	-0.086	-0.094	-0.048	0.0500
0.1500	-0.004	-0.102	-0.106	-0.143	-0.185	-0.049	-0.052	-0.068	-0.067	-0.071	-0.075	-0.075	-0.051	-0.095	-0.107	-0.048	0.1500
0.2500	0.015	-0.047	-0.073	-0.128	-0.152	-0.023	-0.035	-0.055	-0.067	-0.072	-0.072	-0.065				-0.037	0.2500
0.3500	-0.009	-0.104	-0.102	-0.146	-0.182	-0.057	-0.047	-0.065	-0.060	-0.073	-0.070	-0.065	-0.044	-0.091	-0.111	-0.066	0.3500
0.4500	-0.021	-0.124	-0.138	-0.158	-0.063	-0.063	-0.069	-0.069	-0.058	-0.079	-0.087	-0.095	-0.086	-0.086	-0.089	-0.056	0.4500
0.5500	0.079	0.312	0.290	0.246	0.036	-0.039	-0.093	-0.085	-0.087	-0.112	-0.118	-0.141	-0.153	-0.133	-0.138	-0.150	0.5500
0.6500	0.238	0.264	0.288	0.252	0.133	0.057	-0.024	-0.016	-0.023	-0.047	-0.051	-0.069	-0.093	-0.098	-0.096	-0.128	0.6500
0.7500	0.316	0.284	0.310	0.267	0.215	0.120	0.058	0.016		-0.003	0.009	-0.019	-0.042	-0.063	-0.057		0.7500
0.8500	0.242	0.259	0.294	0.256	0.140	0.055	-0.027	-0.015	-0.021	-0.028	-0.031	-0.064	-0.086	-0.109	-0.094	-0.098	0.8500
0.9500	0.081	0.289	0.284	0.241	0.043	-0.036	-0.106	-0.085	-0.099	-0.104	-0.115	-0.151	-0.155	-0.133	-0.144	-0.141	0.9500
								M = 1.302		α = 15.87							
0.0500	-0.093	-0.198	-0.206	-0.233	-0.078	-0.117	-0.150	-0.104	-0.107	-0.113	-0.120	-0.132	-0.097	-0.107	-0.103	-0.072	0.0500
0.1500	-0.063	-0.116	-0.158	-0.183	-0.225	-0.080	-0.089	-0.081	-0.091	-0.092	-0.076	-0.115	-0.117	-0.139	-0.118	-0.077	0.1500
0.2500	0.012	-0.069	-0.121	-0.163	-0.190	-0.024	-0.077	-0.072	-0.098	-0.088	-0.081	-0.080				-0.102	0.2500
0.3500	-0.069	-0.138	-0.162	-0.178	-0.220	-0.080	-0.079	-0.077	-0.080	-0.096	-0.077	-0.101	-0.114	-0.135	-0.130	-0.088	0.3500
0.4500	-0.095	-0.171	-0.248	-0.220	-0.081	-0.121	-0.137	-0.094	-0.103	-0.120	-0.113	-0.119	-0.090	-0.092	-0.103	-0.078	0.4500
0.5500	0.044	0.420	0.387	0.337	0.070	-0.072	-0.190	-0.141	-0.155	-0.189	-0.194	-0.201	-0.226	-0.184	-0.188	-0.201	0.5500
0.6500	0.289	0.361	0.381	0.351	0.198	0.089	0.002	-0.044	-0.022	-0.022	-0.041	-0.071	-0.072	-0.116	-0.116	-0.130	0.6500
0.7500	0.409	0.407	0.417	0.380	0.287	0.201	0.114	0.073		0.077	0.056	0.007	0.030	-0.027	-0.049		0.7500
0.8500	0.298	0.366	0.384	0.350	0.204	0.095	0.007	-0.042	-0.016	-0.016	-0.047	-0.077	-0.081	-0.127	-0.122	-0.118	0.8500
0.9500	0.051	0.408	0.387	0.335	0.091	-0.062	-0.193	-0.131	-0.159	-0.184	-0.189	-0.223	-0.221	-0.181	-0.195	-0.197	0.9500
								M = 1.498		α = 03.78							
0.0500	0.080	0.023	0.001	-0.030	-0.021	0.019	-0.017	-0.024	-0.013	-0.032	-0.033	-0.046	-0.045	-0.044	-0.060	-0.040	0.0500
0.1500	0.066	0.021	0.005	-0.016	-0.062	-0.013	-0.023	-0.019	-0.022	-0.027	-0.025	-0.043	-0.017	-0.051	-0.061	-0.027	0.1500
0.2500	0.061	0.020	0.004	-0.012	-0.031	-0.071	-0.006	-0.013	-0.023	-0.023	-0.028	-0.039				-0.013	0.2500
0.3500	0.059	0.016	0.001	-0.018	-0.059	-0.010	-0.023	-0.017	-0.020	-0.023	-0.030	-0.040	-0.016	-0.051	-0.063	-0.035	0.3500
0.4500	0.080	0.015	-0.007	-0.024	-0.025	0.021	-0.016	-0.021	-0.017	-0.028	-0.033	-0.041	-0.041	-0.041	-0.055	-0.040	0.4500
0.5500	0.110	0.148	0.120	0.081	-0.044	0.034	-0.005	-0.018	-0.019	-0.029	-0.033	-0.042	-0.045	-0.037	-0.054	-0.055	0.5500
0.6500	0.145	0.106	0.111	0.077	0.043	0.029	0.000	-0.007	-0.004	-0.026	-0.033	-0.037	-0.047	-0.041	-0.055	-0.058	0.6500
0.7500	0.160	0.106	0.113	0.085	0.067	0.018	0.013	-0.004		-0.019	-0.024	-0.025	-0.036	-0.050	-0.056		0.7500
0.8500	0.144	0.109	0.115	0.082	0.048	0.026	0.000	-0.008	-0.016	-0.014	-0.028	-0.030	-0.044	-0.057	-0.056	-0.060	0.8500
0.9500	0.108	0.125	0.118	0.084	-0.041	0.030	-0.003	-0.022	-0.023	-0.038	-0.035	-0.051	-0.046	-0.048	-0.056	-0.059	0.9500
								M = 1.702		α = 03.73							
0.0500	0.106	0.043	0.028	-0.005	-0.015	0.025	-0.003	0.004	0.002	-0.008	-0.021	-0.033	-0.044	-0.040	-0.050	-0.052	0.0500
0.1500	0.083	0.045	0.028	0.005	-0.030	-0.005	-0.008	0.013	-0.007	-0.013	-0.024	-0.037	-0.028	-0.048	-0.054	-0.047	0.1500
0.2500	0.074	0.048	0.028	-0.003	-0.014	-0.049	0.013	0.017	-0.008	-0.019	-0.026	-0.033				-0.033	0.2500
0.3500	0.076	0.045	0.033	-0.003	-0.031	-0.010	-0.005	0.015	-0.004	-0.022	-0.025	-0.033	-0.023	-0.042	-0.056	-0.047	0.3500
0.4500	0.098	0.041	0.024	-0.003	-0.022	0.020		0.003		-0.019	-0.027	-0.033	-0.041	-0.041	-0.050	-0.051	0.4500
0.5500	0.129	0.185	0.127	0.109	-0.018	0.030	0.002	-0.005	-0.001	-0.017	-0.026	-0.039	-0.050	-0.041	-0.050	-0.057	0.5500
0.6500	0.164	0.138	0.126	0.093	0.073	0.028	0.022	0.012	-0.001	-0.015	-0.017	-0.036	-0.053	-0.052	-0.051	-0.062	0.6500
0.7500	0.185	0.131	0.133	0.093	0.082	0.049	0.025	0.021		-0.009	-0.006	-0.022	-0.050	-0.053	-0.055		0.7500
0.8500	0.179	0.129	0.134	0.083	0.087	0.028	0.027	0.007	0.005	-0.003	-0.016	-0.025	-0.048	-0.056	-0.056	-0.065	0.8500
0.9500	0.143	0.144	0.130	0.095	-0.008	0.031	-0.004	-0.010	0.004	-0.012	-0.024	-0.032	-0.047	-0.052	-0.057	-0.063	0.9500
								M = 1.912		α = 04.03							
0.0500	0.076	0.028	0.011	-0.012	-0.028	0.014	0.004	-0.004	-0.011	-0.015	-0.019	-0.025	-0.043	-0.032	-0.044	-0.048	0.0500
0.1500	0.068	0.029	0.009	-0.008	-0.026	-0.017	-0.002	-0.006	-0.010	-0.015	-0.021	-0.020	-0.022	-0.039	-0.047	-0.040	0.1500
0.2500	0.061	0.027	0.016	-0.011	-0.017	-0.028	-0.020	0.003	-0.007	-0.015	-0.018	-0.021				-0.029	0.2500
0.3500	0.059	0.025	0.018	-0.010	-0.026	-0.014	0.001	-0.010	-0.003	-0.011	-0.022	-0.022	-0.019	-0.037	-0.047	-0.049	0.3500
0.4500	0.076	0.024	0.014	-0.010	-0.034	0.017	0.005	-0.004	-0.007	-0.014	-0.023	-0.026	-0.043	-0.028	-0.045	-0.049	0.4500
0.5500	0.109	0.168	0.129	0.086	-0.011	0.025	0.008	0.005	-0.001	-0.015	-0.019	-0.037	-0.047	-0.036	-0.050	-0.056	0.5500
0.6500	0.147	0.110	0.104	0.083	0.068	0.024	0.032	0.015	0.013	-0.004	-0.014	-0.025	-0.039	-0.049	-0.053	-0.063	0.6500
0.7500	0.168	0.113	0.103	0.088	0.076	0.065	0.040	0.032		0.010	-0.003	-0.024	-0.032	-0.041	-0.055		0.7500
0.8500	0.149	0.108	0.105	0.084	0.068	0.028	0.037	0.011	0.003	0.008	-0.015	-0.028	-0.035	-0.044	-0.059	-0.063	0.8500
0.9500	0.107	0.120	0.119	0.093	-0.010	0.026	0.012	0.000	-0.004	-0.010	-0.018	-0.035	-0.044	-0.045	-0.056	-0.056	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(h) BVC $\delta = -0.1°$ - Continued

	Fraction of body length, x/l																
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M= 2.229		α=-03.68								
0.0500	0.107	0.108	0.114	0.083	0.011	0.029	0.019	0.006	-0.003	-0.004	-0.023	-0.010	-0.027	-0.006	-0.029	-0.033	0.0500
0.1500	0.141	0.089	0.091	0.078	0.070	0.033	0.033	0.022	-0.002	-0.007	-0.017	-0.003	-0.018	-0.015	-0.036	-0.044	0.1500
0.2500	0.143	0.090	0.082	0.079	0.070	0.061	0.037	0.025	0.010	-0.009	-0.001	-0.005				-0.032	0.2500
0.3500	0.129	0.088	0.091	0.075	0.068	0.039	0.036	0.020	0.007	-0.011	-0.015	-0.008	-0.019	-0.016	-0.038	-0.045	0.3500
0.4500	0.104	0.107	0.111	0.082	0.006	0.029	0.022	0.007	-0.002	-0.008	-0.018	-0.010	-0.030	-0.008	-0.029	-0.033	0.4500
0.5500	0.078	0.116	0.019	0.005	-0.036	0.017	0.011		0.006	0.000	-0.005	-0.013	-0.016	-0.007	-0.021	-0.027	0.5500
0.6500	0.066	0.032	0.020	0.001	-0.006	-0.019	-0.004	-0.003	0.006	0.006	-0.004	-0.008	-0.011	-0.008	-0.019	-0.023	0.6500
0.7500	0.062	0.034	0.024	0.006	-0.007	-0.010	-0.024	-0.004		0.003	0.007	-0.010	-0.011	-0.006	-0.014		0.7500
0.8500	0.064	0.034	0.020	0.004	-0.007	-0.023	-0.001	-0.004	0.001		-0.003	-0.006	-0.014	-0.014	-0.018	-0.020	0.8500
0.9500	0.076	0.030	0.020	0.001	-0.038	0.012	0.018	0.005	0.006	-0.001	-0.004	-0.012	-0.010	-0.016	-0.023	-0.025	0.9500
							M= 2.229		α= 00.35								
0.0500	0.094	0.071	0.066	0.036	-0.013	0.023	0.019	0.007	-0.002	-0.003	-0.021	-0.015	-0.029	-0.016	-0.029	-0.036	0.0500
0.1500	0.104	0.061	0.054	0.037	0.030	0.003	0.015	0.009	-0.008	-0.008	-0.022	-0.013	-0.020	-0.020	-0.037	-0.042	0.1500
0.2500	0.097	0.057	0.050	0.040	0.031	0.024	0.005	0.003	-0.007	-0.013	-0.018	-0.016				-0.039	0.2500
0.3500	0.095	0.060	0.055	0.038	0.029	0.007	0.018	0.008	-0.002	-0.018	-0.016	-0.017	-0.018	-0.025	-0.042	-0.049	0.3500
0.4500	0.097	0.074	0.063	0.039	-0.017	0.023	0.018	0.007	-0.004	-0.015	-0.020	-0.015	-0.027	-0.019	-0.035	-0.041	0.4500
0.5500	0.097	0.143	0.055	0.032	-0.025	0.021	0.016	0.005	0.000	-0.007	-0.014	-0.020	-0.022	-0.017	-0.031	-0.038	0.5500
0.6500	0.101	0.057	0.052	0.031	0.024	0.001	0.006	0.001	0.002	0.001	-0.013	-0.017	-0.023	-0.021	-0.030	-0.035	0.6500
0.7500	0.103	0.054	0.050	0.034	0.025	0.015	-0.001	-0.005			-0.004	-0.019	-0.023	-0.020	-0.029		0.7500
0.8500	0.102	0.058	0.049	0.031	0.023	0.001	0.003	0.007		-0.002	-0.007	-0.018	-0.024	-0.025	-0.029	-0.033	0.8500
0.9500	0.098	0.066	0.053	0.033	-0.026	0.021	0.016	0.008	0.001	-0.004	-0.012	-0.020	-0.020	-0.024	-0.029	-0.032	0.9500
							M= 2.230		α= 04.42								
0.0500	0.076	0.033	0.017	-0.003	-0.022	0.012	0.009	-0.005	-0.014	-0.015	-0.033	-0.025	-0.034	-0.026	-0.034	-0.040	0.0500
0.1500	0.071	0.030	0.017	0.003	-0.008	-0.019	-0.004	-0.011	-0.020	-0.021	-0.030	-0.021	-0.025	-0.022	-0.037	-0.041	0.1500
0.2500	0.060	0.031	0.020	0.005	-0.003	-0.011	-0.021	-0.010	-0.018	-0.023	-0.025	-0.020				-0.032	0.2500
0.3500	0.059	0.028	0.022	0.001	-0.008	-0.016	0.002	-0.012	-0.015	-0.024	-0.023	-0.021	-0.015	-0.025	-0.042	-0.044	0.3500
0.4500	0.073	0.033	0.015	0.002	-0.029	0.011	0.012	-0.004	-0.017	-0.024	-0.029	-0.023	-0.031	-0.025	-0.037	-0.042	0.4500
0.5500	0.105	0.184	0.112	0.075	0.001	0.021	0.014	-0.002	-0.015	-0.013	-0.023	-0.032	-0.035	-0.027	-0.041	-0.043	0.5500
0.6500	0.141	0.098	0.096	0.077	0.066	0.040	0.023	0.013	-0.005	-0.006	-0.014	-0.027	-0.032	-0.029	-0.043	-0.049	0.6500
0.7500	0.159	0.103	0.094	0.084	0.069	0.062	0.039	0.018		0.002	-0.002	-0.019	-0.026	-0.026	-0.038		0.7500
0.8500	0.147	0.096	0.097	0.079	0.068	0.040	0.024	0.017	0.001	0.002	-0.012	-0.022	-0.028	-0.032	-0.041	-0.045	0.8500
0.9500	0.107	0.110	0.109	0.079	0.005	0.018	0.015	-0.005	-0.010	-0.008	-0.023	-0.029	-0.030	-0.036	-0.043	-0.045	0.9500
							M= 2.233		α= 08.21								
0.0500	0.049	-0.014	-0.017	-0.036	-0.028	0.013	-0.007	-0.025	-0.033	-0.035	-0.052	-0.039	-0.051	-0.037	-0.045	-0.056	0.0500
0.1500	0.041	-0.001	-0.015	-0.026	-0.038	-0.037	-0.021	-0.031	-0.035	-0.034	-0.036	-0.027	-0.032	-0.030	-0.052	-0.053	0.1500
0.2500	0.033	0.012		-0.022	-0.031	-0.041	-0.033	-0.014	-0.032	-0.029	-0.024	-0.022				-0.038	0.2500
0.3500	0.029	-0.002	-0.010	-0.027	-0.037	-0.034	-0.015	-0.032	-0.023	-0.030	-0.031	-0.026	-0.020	-0.014	-0.050	-0.054	0.3500
0.4500	0.046	-0.005	-0.025	-0.029	-0.036	0.010	-0.005	-0.025	-0.032	-0.039	-0.046	-0.038	-0.046	-0.032	-0.046	-0.054	0.4500
0.5500	0.113	0.234	0.181	0.132	0.044	0.020	0.007	-0.019	-0.036	-0.033	-0.041	-0.055	-0.062	-0.055	-0.067	-0.064	0.5500
0.6500	0.201	0.141	0.156	0.130	0.121	0.087	0.054	0.035	-0.006	-0.015	-0.011	-0.027	-0.042	-0.045	-0.061	-0.067	0.6500
0.7500	0.244	0.165	0.156	0.140	0.131	0.118	0.098	0.064		0.018	0.017	-0.007	-0.017	-0.027	-0.040		0.7500
0.8500	0.209	0.141	0.154	0.131	0.125	0.087	0.059	0.036	0.011	0.009	-0.012	-0.020	-0.028	-0.036	-0.052	-0.060	0.8500
0.9500	0.119	0.167	0.170	0.142	0.048	0.022	0.002	-0.019	-0.024	-0.019	-0.041	-0.051	-0.057	-0.062	-0.071	-0.069	0.9500
							M = 2.227		α= 12.19								
0.0500	0.006	-0.057	-0.051	-0.069	-0.034	-0.003	-0.036	-0.059	-0.071	-0.060	-0.089	-0.074	-0.081	-0.061	-0.066	-0.071	0.0500
0.1500	0.010	-0.035	-0.052	-0.055	-0.066	-0.050	-0.043	-0.053	-0.053	-0.051	-0.056	-0.052	-0.066	-0.064	-0.088	-0.087	0.1500
0.2500	0.006	-0.005	-0.020	-0.050	-0.058	-0.068	-0.032	-0.025	-0.046	-0.048	-0.039	-0.033				-0.055	0.2500
0.3500	-0.004	-0.038	-0.045	-0.056	-0.066	-0.046	-0.036	-0.053	-0.044	-0.047	-0.049	-0.052	-0.067	-0.066	-0.089	-0.094	0.3500
0.4500	0.005	-0.051	-0.071	-0.061	-0.039	-0.004	-0.036	-0.061	-0.070	-0.068	-0.083	-0.072	-0.081	-0.058	-0.070	-0.071	0.4500
0.5500	0.114	0.273	0.246	0.198	0.094	0.007	-0.016	-0.043	-0.068	-0.071	-0.083	-0.088	-0.101	-0.097	-0.102	-0.094	0.5500
0.6500	0.256	0.193	0.217	0.193	0.184	0.137	0.102	0.070	0.033	0.009	-0.006	-0.028	-0.032	-0.041	-0.063	-0.074	0.6500
0.7500	0.322	0.248	0.222	0.211	0.194	0.181	0.157	0.125		0.047	0.041	0.013	0.009	0.001	-0.019		0.7500
0.8500	0.254	0.196	0.210	0.195	0.180	0.144	0.105	0.070	0.032	0.021	0.003	-0.024	-0.031	-0.045	-0.059	-0.068	0.8500
0.9500	0.112	0.210	0.236	0.212	0.100	0.012	-0.018	-0.042	-0.046	-0.069	-0.080	-0.089	-0.091	-0.105	-0.107	-0.095	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(h) BVC $\delta = -0.1^{\circ}$ - Concluded

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
	M = 2.230 α = 16.22																
0.0500	-0.040	-0.085	-0.098	-0.117	-0.061	-0.026	-0.070	-0.101	-0.131	-0.124	-0.121	-0.095	-0.100	-0.078	-0.087	-0.090	0.0500
0.1500	-0.024	-0.078	-0.078	-0.080	-0.093	-0.054	-0.066	-0.074	-0.086	-0.066	-0.087	-0.088	-0.101	-0.083	-0.095	-0.096	0.1500
0.2500	-0.010	-0.019	-0.041	-0.076	-0.081	-0.093	-0.035	-0.047	-0.072	-0.072	-0.056	-0.052				-0.089	0.2500
0.3500	-0.039	-0.083	-0.073	-0.081	-0.092	-0.048	-0.062	-0.074	-0.067	-0.068	-0.084	-0.093	-0.096	-0.060	-0.097	-0.099	0.3500
0.4500	-0.042	-0.046	-0.109	-0.111	-0.062	-0.027	-0.069	-0.101	-0.128	-0.129	-0.112	-0.093	-0.093	-0.080	-0.090	-0.090	0.4500
0.5500	0.112	0.320	0.313	0.272	0.159	0.018	-0.030	-0.062	-0.078	-0.089	-0.096	-0.106	-0.115	-0.103	-0.114	-0.099	0.5500
0.6500	0.318	0.252	0.284	0.267	0.257	0.203	0.159	0.114	0.058	0.043	0.029		-0.010	-0.073	-0.047	-0.068	0.6500
0.7500	0.415	0.338	0.303	0.297	0.277	0.260	0.235	0.195		0.117	0.102	0.065	0.050	0.017	0.010		0.7500
0.8500	0.321	0.256	0.281	0.271	0.258	0.207	0.168	0.112	0.088	0.062	0.039	0.004	-0.004	-0.019	-0.045	-0.044	0.8500
0.9500	0.118	0.263	0.312	0.285	0.162	0.027	-0.030	-0.059	-0.064	-0.086	-0.093	-0.100	-0.104	-0.114	-0.113	-0.100	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(i) BVC $\delta = 9.7°$

	Fraction of body length, x/l																
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 0.699		α=-04.28								
0.0500	0.059	0.069	-0.085	-0.123	-0.043	-0.055	-0.069	-0.065	-0.072	-0.083	-0.085	-0.079	-0.083	-0.070	-0.038	0.031	0.0500
0.1500	0.093	0.023	-0.019	-0.048	-0.028	-0.030	-0.041	-0.043	-0.065	-0.068	-0.072	-0.069	-0.079	-0.076	-0.027	0.059	0.1500
0.2500	0.119	0.040	0.000	-0.023	-0.015	-0.017	-0.031	-0.033	-0.051	-0.059	-0.060	-0.056				0.072	0.2500
0.3500	0.099	0.021	-0.011	-0.046	-0.028	-0.025	-0.041	-0.042	-0.043	-0.055	-0.060	-0.058	-0.072	-0.085	-0.043	0.064	0.3500
0.4500	0.065	0.073	-0.090	-0.117	-0.043	-0.052	-0.065	-0.065	-0.054	-0.071	-0.065	-0.076	-0.079	-0.075	-0.039	0.050	0.4500
0.5500	0.037	0.052	0.010	-0.197	-0.020	-0.070	-0.079	-0.078	-0.072	-0.085	-0.079	-0.079	-0.072	-0.064	-0.029	0.048	0.5500
0.6500	0.023	0.007	-0.021	-0.086	-0.040	-0.063	-0.072	-0.071	-0.077	-0.087	-0.076	-0.070	-0.064	-0.036	-0.020	0.049	0.6500
0.7500	0.020	0.002	-0.019	-0.063	-0.049	-0.057	-0.066	-0.064		-0.075	-0.068	-0.063	-0.053	-0.035	-0.007		0.7500
0.8500	0.022	0.007	-0.019	-0.085	-0.040	-0.061	-0.073	-0.070	-0.060	-0.070	-0.068	-0.063	-0.053	-0.032	-0.004	0.009	0.8500
0.9500	0.031	0.026	-0.019	-0.204	-0.023	-0.069	-0.078	-0.080	-0.076	-0.079	-0.080	-0.081	-0.071	-0.045	-0.007	0.050	0.9500
							M = 0.697		α=-00.06								
0.0500	0.044	0.167	-0.128	-0.161	-0.058	-0.068	-0.075	-0.072	-0.082	-0.092	-0.096	-0.091	-0.094	-0.085	-0.056	0.015	0.0500
0.1500	0.034	-0.090	-0.132	-0.107	-0.062	-0.054	-0.064	-0.064	-0.076	-0.081	-0.084	-0.083	-0.085	-0.092	-0.045	0.037	0.1500
0.2500	0.039	-0.075	-0.115	-0.091	-0.063	-0.057	-0.066	-0.066	-0.070	-0.080	-0.088	-0.081				0.051	0.2500
0.3500	0.035	-0.096	-0.128	-0.105	-0.062	-0.052	-0.063	-0.065	-0.072	-0.084	-0.084	-0.079	-0.068	-0.071	-0.056	0.045	0.3500
0.4500	0.047	0.155	-0.134	-0.154	-0.050	-0.068	-0.074	-0.074	-0.071	-0.082	-0.083	-0.087	-0.079	-0.091	-0.054	0.037	0.4500
0.5500	0.056	0.131	0.098	-0.244	-0.084	-0.106	-0.088	-0.083	-0.084	-0.089	-0.085	-0.088	-0.084	-0.077	-0.051	0.033	0.5500
0.6500	0.063	0.070	0.047	-0.054	-0.033	-0.066	-0.080	-0.081	-0.088	-0.100	-0.094	-0.095	-0.085	-0.066	-0.042	0.032	0.6500
0.7500	0.065	0.057	0.037	-0.038	-0.042	-0.064	-0.076	-0.078		-0.094	-0.091	-0.089	-0.084	-0.061	-0.064		0.7500
0.8500	0.061	0.069	0.048	-0.052	-0.034	-0.066	-0.081	-0.078	-0.091	-0.091	-0.096	-0.089	-0.083	-0.060	-0.032	0.032	0.8500
0.9500	0.048	0.111	0.077	-0.221	-0.069	-0.101	-0.089	-0.090	-0.098	-0.094	-0.098	-0.095	-0.084	-0.068	-0.064	0.039	0.9500
							M = 0.698		α= 03.83								
0.0500	0.023	0.266	-0.251	-0.209	-0.045	-0.058	-0.064	-0.075	-0.092	-0.093	-0.080	-0.083	-0.082	-0.065	-0.029	0.016	0.0500
0.1500	-0.001	-0.184	-0.204	-0.139	-0.061	-0.045	-0.056	-0.063	-0.070	-0.086	-0.089	-0.075	-0.078	-0.083	-0.027	0.052	0.1500
0.2500		-0.158	-0.196	-0.118	-0.070	-0.053	-0.062	-0.066	-0.069	-0.071	-0.077	-0.066				0.060	0.2500
0.3500		-0.194	-0.200	-0.135	-0.063	-0.042	-0.058	-0.066	-0.069	-0.076	-0.078	-0.063	-0.062	-0.083	-0.044	0.059	0.3500
0.4500	0.024	0.246	-0.281	-0.195	-0.041	-0.054	-0.058	-0.077	-0.070	-0.096	-0.084	-0.080	-0.075	-0.073	-0.034	0.047	0.4500
0.5500	0.070	0.211	0.205	-0.240	-0.061	-0.099	-0.070	-0.068	-0.076	-0.084	-0.080	-0.075	-0.069	-0.057	-0.028	0.044	0.5500
0.6500	0.121	0.152	0.139	0.008	-0.002	-0.044	-0.059	-0.061	-0.070	-0.078	-0.073	-0.068	-0.067	-0.049	-0.025	0.047	0.6500
0.7500	0.147	0.145	0.125	0.024	-0.007	-0.034	-0.052	-0.053		-0.074	-0.072	-0.071	-0.069	-0.053	-0.027		0.7500
0.8500	0.121	0.149	0.140	0.010	-0.002	-0.044	-0.063	-0.063	-0.061	-0.070	-0.076	-0.072	-0.068	-0.052	-0.028	-0.010	0.8500
0.9500	0.062	0.191	0.191	-0.193	-0.061	-0.100	-0.072	-0.073	-0.073	-0.077	-0.080	-0.074	-0.066	-0.051	-0.023	0.050	0.9500
							M = 0.696		α= 07.85								
0.0500	-0.035	0.335	-0.435	-0.312	-0.079	-0.090	-0.088	-0.101	-0.100	-0.116	-0.092	-0.079	-0.077	-0.063	-0.023	0.048	0.0500
0.1500	-0.045	-0.362	-0.422	-0.147	-0.052	-0.032	-0.051	-0.079	-0.091	-0.094	-0.087	-0.075	-0.079	-0.070	-0.020	0.053	0.1500
0.2500	-0.030	-0.254	-0.289	-0.150	-0.077	-0.051	-0.067	-0.076	-0.085	-0.084	-0.086	-0.076				0.060	0.2500
0.3500	-0.044	-0.405	-0.410	-0.149	-0.054	-0.031	-0.055	-0.075	-0.077	-0.089	-0.084	-0.079	-0.077	-0.075	-0.035	0.050	0.3500
0.4500	-0.036	0.315	-0.632	-0.300	-0.076	-0.085	-0.085	-0.103	-0.091	-0.108	-0.087	-0.078	-0.073	-0.057	-0.030	0.045	0.4500
0.5500	0.049	0.283	0.404	-0.282	-0.071	-0.082	-0.068	-0.062	-0.077	-0.082	-0.083	-0.075	-0.066	-0.061	-0.033	0.040	0.5500
0.6500	0.166	0.225	0.224	0.061	0.014	-0.034	-0.049	-0.051	-0.062	-0.062	-0.062	-0.070	-0.073	-0.060	-0.041	0.046	0.6500
0.7500	0.232	0.237	0.214	0.080	0.025	-0.010	-0.028	-0.027		-0.054	-0.050	-0.060	-0.056	-0.050	-0.035		0.7500
0.8500	0.174	0.222	0.225	0.065	0.012	-0.032	-0.053	-0.051	-0.043	-0.053	-0.065	-0.062	-0.066	-0.060	-0.037	0.046	0.8500
0.9500	0.046	0.263	0.296	-0.195	-0.065	-0.090	-0.071	-0.067	-0.059	-0.063	-0.071	-0.079	-0.072	-0.063	-0.035	0.046	0.9500
							M = 0.699		α= 11.79								
0.0500	-0.121	0.376	-0.709	-0.512	-0.172	-0.153	-0.136	-0.103	-0.117	-0.097	-0.096	-0.104	-0.096	-0.076	-0.036	0.019	0.0500
0.1500	-0.093	-0.884	-0.415	-0.176	-0.058	-0.044	-0.059	-0.088	-0.113	-0.112	-0.114	-0.089	-0.081	-0.069	-0.029	0.029	0.1500
0.2500	-0.049	-0.370	-0.389	-0.183	-0.084	-0.054	-0.071	-0.089	-0.120	-0.129	-0.122	-0.096				0.042	0.2500
0.3500	-0.099	-0.832	-0.419	-0.165	-0.055	-0.040	-0.062	-0.086	-0.113	-0.131	-0.124	-0.101	-0.059	-0.063	-0.032	0.040	0.3500
0.4500	-0.120	0.363	-0.976	-0.477	-0.166	-0.147	-0.126	-0.098	-0.113	-0.116	-0.114	-0.088	-0.075	-0.070	-0.039	0.028	0.4500
0.5500	-0.003	0.323	0.397	-0.299	-0.125	-0.094	-0.089	-0.075	-0.099	-0.100	-0.098	-0.111	-0.113	-0.107	-0.085	-0.006	0.5500
0.6500	0.205	0.284	0.295	0.109	0.019	-0.028	-0.045	-0.043	-0.083	-0.072	-0.091	-0.100	-0.098	-0.086	-0.068	0.016	0.6500
0.7500	0.316	0.324	0.299	0.135	0.057	0.020	0.004	0.001		-0.032	-0.044	-0.038	-0.050	-0.045	-0.035		0.7500
0.8500	0.218	0.286	0.301	0.116	0.025	-0.025	-0.048	-0.042	-0.043	-0.042	-0.060	-0.072	-0.079	-0.075	-0.063	0.012	0.8500
0.9500	-0.002	0.307	0.392	-0.187	-0.101	-0.100	-0.096	-0.084	-0.062	-0.098	-0.089	-0.118	-0.119	-0.111	-0.086	0.009	0.9500

A 4 4 1 6

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(i) BVC $\delta = 9.7°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 0.696		α = 15.72								
0.0500	-0.221	0.409	-0.932	-0.885	-0.364	-0.169	-0.131	-0.118	-0.123	-0.121	-0.129	-0.123	-0.132	-0.192	-0.095	-0.012	0.0500
0.1500	-0.152	-0.990	-0.448	-0.263	-0.105	-0.082	-0.137	-0.154	-0.148	-0.142	-0.111	-0.108	-0.095	-0.087	-0.048	0.016	0.1500
0.2500	-0.055	-0.516	-0.461	-0.229	-0.119	-0.088	-0.119	-0.130	-0.151	-0.148	-0.125	-0.086				0.017	0.2500
0.3500	-0.169	-0.935	-0.450	-0.223	-0.108	-0.079	-0.135	-0.154	-0.151	-0.148	-0.116	-0.086	-0.040	-0.079	-0.063	0.008	0.3500
0.4500	-0.218	0.399	-1.142	-0.791	-0.374	-0.149	-0.121	-0.118	-0.127	-0.136	-0.118	-0.109	-0.078	-0.083	-0.062	0.005	0.4500
0.5500	-0.075	0.361	0.486	-0.349	-0.252	-0.099	-0.101	-0.119	-0.133	-0.158	-0.168	-0.180	-0.166	-0.169	-0.152	-0.057	0.5500
0.6500	0.244	0.343	0.372	0.153	-0.006	-0.035	-0.036	-0.035	-0.056	-0.067	-0.076	-0.113	-0.122	-0.116	-0.081	0.008	0.6500
0.7500	0.412	0.421	0.389	0.185	0.079	0.049	0.050	0.050		0.003		-0.040	-0.073	-0.030	-0.024		0.7500
0.8500	0.259	0.348	0.378	0.161	0.005	-0.034	-0.037	-0.033	-0.043	-0.027	-0.062	-0.092	-0.064	-0.084	-0.080	-0.001	0.8500
0.9500	-0.072	0.342	0.488	-0.212	-0.224	-0.107	-0.103	-0.123	-0.143	-0.143	-0.156	-0.189	-0.156	-0.164	-0.148	-0.054	0.9500
							M = 0.901		α = 03.73								
0.0500	0.057	0.289	-0.188	-0.324	-0.010	-0.057	-0.073	-0.081	-0.098	-0.099	-0.097	-0.086	-0.089	-0.073	-0.048	0.065	0.0500
0.1500	0.042	-0.144	-0.204	-0.251	-0.042	-0.036	-0.058	-0.067	-0.081	-0.085	-0.078	-0.083	-0.086	-0.090	-0.040	0.071	0.1500
0.2500	0.044	-0.121	-0.189	-0.219	-0.055	-0.043	-0.064	-0.068	-0.077	-0.083	-0.080	-0.074				0.074	0.2500
0.3500	0.042	-0.158	-0.191	-0.232	-0.044	-0.034	-0.057	-0.064	-0.076	-0.085	-0.081	-0.074	-0.066	-0.092	-0.053	0.070	0.3500
0.4500	0.058	0.271	-0.219	-0.284	-0.006	-0.052	-0.070	-0.076	-0.090	-0.094	-0.095	-0.083	-0.084	-0.081	-0.045	0.065	0.4500
0.5500	0.098	0.237	0.223	-0.299	-0.004	-0.099	-0.081	-0.072	-0.089	-0.094	-0.083	-0.079	-0.080	-0.069	-0.035	0.059	0.5500
0.6500	0.138	0.177	0.160	-0.024	-0.002	-0.054	-0.077	-0.072	-0.078	-0.083	-0.079	-0.078	-0.071	-0.061	-0.031	0.059	0.6500
0.7500	0.160	0.169	0.147	0.007	-0.010	-0.044	-0.066	-0.064		-0.080	-0.076	-0.076	-0.075	-0.060	-0.031		0.7500
0.8500	0.141	0.176	0.161	-0.019	-0.004	-0.056	-0.077	-0.072	-0.079	-0.079	-0.079	-0.078	-0.074	-0.061	-0.032	0.025	0.8500
0.9500	0.093	0.214	0.210	-0.253	-0.036	-0.101	-0.076	-0.077	-0.080	-0.084	-0.085	-0.080	-0.075	-0.062	-0.028	0.067	0.9500
							M = 0.954		α = 03.73								
0.0500	0.088	0.318	-0.143	-0.282	-0.213	-0.032	-0.056	-0.077	-0.102	-0.103	-0.100	-0.096	-0.094	-0.080	-0.040	0.082	0.0500
0.1500	0.072	-0.103	-0.170	-0.221	-0.311	0.004	-0.043	-0.061	-0.085	-0.092	-0.097	-0.094	-0.083	-0.107	-0.023	0.088	0.1500
0.2500	0.072	-0.084	-0.160	-0.201	-0.273	0.003	-0.049	-0.063	-0.071	-0.085	-0.090	-0.089				0.096	0.2500
0.3500	0.070	-0.114	-0.165	-0.221	-0.309	0.004	-0.044	-0.061	-0.075	-0.089	-0.091	-0.087	-0.063	-0.105	-0.048	0.099	0.3500
0.4500	0.088	0.295	-0.177	-0.265	-0.177	-0.028	-0.054	-0.075	-0.096	-0.098	-0.098	-0.098	-0.076	-0.088	-0.040	0.089	0.4500
0.5500	0.125	0.264	0.250	-0.257	-0.064	-0.105	-0.067	-0.069	-0.089	-0.097	-0.094	-0.093	-0.077	-0.075	-0.030	0.081	0.5500
0.6500	0.163	0.205	0.183	-0.016	-0.045	-0.050	-0.065	-0.068	-0.080	-0.091	-0.089	-0.088	-0.073	-0.070	-0.023	0.079	0.6500
0.7500	0.184	0.196	0.172	0.003	-0.046	-0.043	-0.057	-0.058		-0.088	-0.086	-0.088	-0.077	-0.069	-0.024		0.7500
0.8500	0.165	0.203	0.187	-0.016	-0.051	-0.051	-0.067	-0.067	-0.073	-0.086	-0.092	-0.090	-0.075	-0.069	-0.025	0.052	0.8500
0.9500	0.120	0.245	0.234	-0.205	-0.098	-0.111	-0.062	-0.072	-0.086	-0.093	-0.095	-0.092	-0.071	-0.070	-0.020	0.085	0.9500
							M = 1.003		α = 03.88								
0.0500	0.136	0.359	-0.094	-0.213	-0.310	-0.082	-0.081	-0.102	-0.117	-0.116	-0.110	-0.100	-0.082	-0.091	-0.090	0.066	0.0500
0.1500	0.122	-0.044	-0.117	-0.157	-0.247	-0.036	-0.063	-0.094	-0.101	-0.109	-0.090	-0.101	-0.071	-0.104	-0.111	0.072	0.1500
0.2500	0.124	-0.024	-0.099	-0.142	-0.211	-0.021	-0.069	-0.096	-0.101	-0.105	-0.080	-0.100				0.079	0.2500
0.3500	0.121	-0.050	-0.109	-0.159	-0.250	-0.033	-0.064	-0.093	-0.101	-0.110	-0.075	-0.097	-0.056	-0.091	-0.121	0.075	0.3500
0.4500	0.135	0.344	-0.120	-0.201	-0.291	-0.071	-0.078	-0.103	-0.096	-0.120	-0.089	-0.104	-0.079	-0.111	-0.101	0.061	0.4500
0.5500	0.169	0.310	0.293	-0.181	-0.058	-0.139	-0.099	-0.090	-0.103	-0.118	-0.089	-0.090	-0.077	-0.094	-0.093	0.056	0.5500
0.6500	0.208	0.252	0.232	0.052	-0.013	-0.088	-0.095	-0.088	-0.094	-0.113	-0.097	-0.075	-0.081	-0.081	-0.089	0.070	0.6500
0.7500	0.228	0.244	0.220	0.071	-0.023	-0.079	-0.090	-0.080		-0.112	-0.100	-0.061	-0.087	-0.079	-0.092		0.7500
0.8500	0.209	0.250	0.235	0.053	-0.028	-0.089	-0.098	-0.086	-0.092	-0.113	-0.108	-0.058	-0.087	-0.080	-0.092	0.068	0.8500
0.9500	0.165	0.290	0.279	-0.129	-0.086	-0.145	-0.095	-0.092	-0.101	-0.113	-0.104	-0.069	-0.078	-0.083	-0.083	0.061	0.9500
							M = 1.047		α = 03.93								
0.0500	0.168	0.413	-0.009	-0.115	-0.193	0.012	-0.017	-0.055	-0.074	-0.072	-0.105	-0.101	-0.091	-0.107	-0.121	0.008	0.0500
0.1500	0.158	0.031	-0.028	-0.059	-0.150	0.036	-0.007	-0.052	-0.071	-0.079	-0.098	-0.095	-0.066	-0.124	-0.143	0.012	0.1500
0.2500	0.160	0.051	-0.007	-0.044	-0.114	0.049	-0.011	-0.053	-0.061	-0.077	-0.090	-0.087				0.020	0.2500
0.3500	0.156	0.026	-0.021	-0.061	-0.156	0.040	-0.009	-0.049	-0.063	-0.080	-0.093	-0.087	-0.055	-0.095	-0.154	0.014	0.3500
0.4500	0.170	0.401	-0.032	-0.100	-0.181	0.013	-0.017	-0.054	-0.061	-0.087	-0.100	-0.096	-0.076	-0.129	-0.134	0.003	0.4500
0.5500	0.202	0.368	0.356	-0.087	0.038	-0.053	-0.037	-0.043	-0.064	-0.083	-0.096	-0.102	-0.074	-0.109	-0.120	-0.004	0.5500
0.6500	0.238	0.311	0.299	0.131	0.082	-0.004	-0.027	-0.037	-0.058	-0.078	-0.090	-0.103	-0.076	-0.096	-0.114	-0.012	0.6500
0.7500	0.256	0.303	0.289	0.149	0.080	0.012	-0.019	-0.031		-0.074	-0.088	-0.108	-0.072	-0.091	-0.111		0.7500
0.8500	0.241	0.309	0.302	0.132	0.076	0.001	-0.028	-0.037	-0.061	-0.077	-0.095	-0.110	-0.065	-0.092	-0.111	-0.008	0.8500
0.9500	0.197	0.353	0.345	-0.039	0.019	-0.056	-0.032	-0.045	-0.065	-0.078	-0.096	-0.105	-0.061	-0.098	-0.113	-0.005	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(i) BVC $\delta = 9.7°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 1.101		α= 03.79							
0.0500	0.087	0.361	-0.046	-0.109	-0.227	-0.032	-0.018	-0.032	0.002	0.031	-0.011	-0.088	-0.095	-0.086	-0.066	0.015	0.0500
0.1500	0.074	-0.009	-0.074	-0.063	-0.128	-0.010	-0.002	-0.013	0.026	0.046	0.002	-0.084	-0.070	-0.094	-0.077	0.044	0.1500
0.2500	0.074	0.008	-0.045	-0.055	-0.100	0.018	0.000	-0.005	0.026	0.028		-0.075				0.044	0.2500
0.3500	0.070	-0.015	-0.070	-0.075	-0.130	-0.011	-0.001	-0.002	0.035	0.026	0.005	-0.079	-0.052	-0.096	-0.100	0.039	0.3500
0.4500	0.084	0.353	-0.067	-0.102	-0.221	-0.021	-0.018	-0.020	0.010	0.031	-0.004	-0.094	-0.086	-0.090	-0.082	0.033	0.4500
0.5500	0.119	0.357	0.319	-0.068	-0.073	-0.074	-0.047	-0.025	0.011	0.055	0.004	-0.079	-0.097	-0.073	-0.065	0.035	0.5500
0.6500	0.155	0.262	0.260	0.148	0.009	-0.025	-0.045	-0.031	0.002	0.067	0.007	-0.074	-0.113	-0.068	-0.059	0.038	0.6500
0.7500	0.174	0.251	0.251	0.163	-0.031	-0.026	-0.041	-0.029		0.083	0.010	-0.073	-0.113	-0.072	-0.054		0.7500
0.8500	0.157	0.259	0.265	0.149	0.010	-0.033	-0.049	-0.031	-0.017	0.084	0.002	-0.072	-0.114	-0.074	-0.050	0.038	0.8500
0.9500	0.115	0.326	0.305	-0.017	-0.068	-0.090	-0.048	-0.030	-0.001	0.070	0.002	-0.079	-0.106	-0.072	-0.052	0.045	0.9500
								M = 1.301		α=-04.13							
0.0500	0.120	0.142	0.037	.0.005	-0.120	0.041	-0.018	0.000	-0.003	-0.028	-0.039	-0.052	-0.061	-0.055	-0.066	-0.057	0.0500
0.1500	0.158	0.107	0.075	0.045	0.015	-0.014	0.013	0.016	-0.006	-0.015	-0.028	-0.046	-0.042	-0.075	-0.076	-0.058	0.1500
0.2500	0.191	0.118	0.092	0.060	0.040	-0.010	0.037	0.025	0.004	-0.010	-0.022	-0.030				-0.048	0.2500
0.3500	0.166	0.099	0.077	0.041	0.017	-0.007	0.013	0.016	0.010	-0.005	-0.024	-0.026	-0.013	-0.059	-0.088	-0.066	0.3500
0.4500	0.135	0.148	0.040	0.001	-0.112	0.046	-0.018	-0.011	-0.009	-0.023	-0.043	-0.049	-0.051	-0.078	-0.084	-0.077	0.4500
0.5500	0.105	0.132	0.088	-0.011	-0.001	-0.003	-0.020	-0.018	-0.026	-0.039	-0.042	-0.051	-0.054	-0.065	-0.062	-0.025	0.5500
0.6500	0.089	0.064	0.066	0.045	-0.049	-0.008	-0.011	-0.025	-0.025	-0.039	-0.040	-0.045	-0.045	-0.038	-0.049	-0.005	0.6500
0.7500	0.087	0.056	0.070	0.045	-0.041	0.014	-0.002	-0.016		-0.027	-0.034	-0.036	-0.038	-0.029	-0.044		0.7500
0.8500	0.089	0.063	0.070	0.040	-0.053	-0.004	-0.006	-0.013	-0.022	-0.029	-0.023	-0.038	-0.039	-0.027	-0.047	0.003	0.8500
0.9500	0.094	0.087	0.071	-0.011	-0.012	-0.002	-0.020	-0.020	-0.027	-0.033	-0.031	-0.059	-0.048	-0.035	-0.057	0.003	0.9500
								M = 1.305		α=-00.10							
0.0500	0.114	0.234	0.030	-0.053	-0.142	0.048	-0.016	-0.001	-0.010	-0.036	-0.050	-0.064	-0.066	-0.064	-0.074	-0.074	0.0500
0.1500	0.117	0.042	0.007	-0.017	-0.040	-0.011	0.006	0.006	-0.014	-0.036	-0.043	-0.057	-0.044	-0.082	-0.085	-0.071	0.1500
0.2500	0.125	0.048	0.021	-0.010	-0.022	-0.062	0.026	0.008	-0.018	-0.029	-0.045	-0.050				-0.054	0.2500
0.3500	0.118	0.034	0.005	-0.023	-0.035	0.005	0.011	0.001	-0.019	-0.033	-0.047	-0.047	-0.029	-0.051	-0.101	-0.071	0.3500
0.4500	0.120	0.237	0.039	-0.039	-0.133	0.044	-0.014	-0.005	-0.012	-0.035	-0.048	-0.048	-0.055	-0.089	-0.096	-0.082	0.4500
0.5500	0.124	0.199	0.189	-0.016	-0.063	-0.019	-0.040	-0.024	-0.031	-0.046	-0.044	-0.056	-0.063	-0.071	-0.080	-0.073	0.5500
0.6500	0.120	0.121	0.147	0.109	-0.006	0.007	-0.019	-0.022	-0.035	-0.050	-0.052	-0.058	-0.061	-0.048	-0.073	-0.036	0.6500
0.7500	0.119	0.099	0.129	0.110	0.007	0.021	-0.027	-0.028		-0.046	-0.046	-0.056	-0.059	-0.043	-0.065		0.7500
0.8500	0.117	0.121	0.153	0.115	-0.004	0.005	-0.025	-0.027	-0.035	-0.045	-0.046	-0.061	-0.060	-0.041	-0.062	-0.026	0.8500
0.9500	0.111	0.158	0.159	0.018	-0.069	-0.024	-0.036	-0.025	-0.038	-0.048	-0.051	-0.063	-0.057	-0.049	-0.069	-0.029	0.9500
								M = 1.304		α= 04.03							
0.0500	0.101	0.338	-0.043	-0.090	-0.148	0.045	-0.003	-0.013	0.000	-0.025	-0.030	-0.050	-0.051	-0.039	-0.052	-0.030	0.0500
0.1500	0.088	-0.006	-0.076	-0.061	-0.078	0.018	0.011	0.002	-0.007	-0.026	-0.031	-0.055	-0.029	-0.061	-0.070	-0.026	0.1500
0.2500	0.087	0.012	-0.041	-0.055	-0.066	-0.095	0.035	0.005	-0.012	-0.014	-0.028	-0.033				-0.005	0.2500
0.3500	0.084	-0.011	-0.078	-0.064	-0.078	0.024	0.010	-0.009	-0.011	-0.023	-0.029	-0.030	-0.016	-0.062	-0.078	-0.033	0.3500
0.4500	0.103	0.345	-0.050	-0.084	-0.140	0.041	0.019	-0.022		-0.024	-0.036	-0.040	-0.046	-0.042	-0.059	-0.032	0.4500
0.5500	0.136	0.256	0.333	0.021	-0.024	-0.050	-0.022	-0.022	-0.015	-0.027	-0.030	-0.033	-0.042	-0.033	-0.053	-0.022	0.5500
0.6500	0.172	0.180	0.252	0.209	0.064	0.031	-0.037	-0.030	-0.018	-0.023	-0.022	-0.031	-0.041	-0.025	-0.054	-0.040	0.6500
0.7500	0.189	0.140	0.240	0.210	0.077	0.026	-0.043	-0.019		-0.025	-0.019	-0.033	-0.040	-0.027	-0.053		0.7500
0.8500	0.171	0.170	0.255	0.214	0.063	0.029	-0.037	-0.024	-0.013	-0.023	-0.023	-0.038	-0.037	-0.025	-0.052	-0.040	0.8500
0.9500	0.128	0.193	0.303	0.070	-0.027	-0.049	-0.034	-0.022	-0.020	-0.027	-0.030	-0.041	-0.041	-0.021	-0.054	-0.023	0.9500
								M = 1.305		α= 07.91							
0.0500	0.049	0.445	-0.203	-0.157	-0.216	0.033	-0.040	-0.018	-0.049	-0.046	-0.051	-0.063	-0.071	-0.067	-0.068	-0.065	0.0500
0.1500	0.042	-0.062	-0.100	-0.120	-0.132	0.034	-0.002	-0.008	-0.063	-0.054	-0.060	-0.069	-0.051	-0.055	-0.074	-0.012	0.1500
0.2500	0.049	-0.021	-0.104	-0.103	-0.118	-0.126	0.025	-0.011	-0.072	-0.063	-0.057	-0.062				0.004	0.2500
0.3500	0.040	-0.081	-0.092	-0.119	-0.128	0.041	-0.008	-0.014	-0.061	-0.065	-0.051	-0.058	-0.021	-0.032	-0.086	0.018	0.3500
0.4500	0.053	0.432	-0.282	-0.148	-0.212	0.038	-0.033	-0.033	-0.055	-0.059	-0.058	-0.059	-0.043	-0.073	-0.081	-0.009	0.4500
0.5500	0.113	0.350	0.433	0.061	-0.044	-0.038	-0.055	-0.028	-0.055	-0.051	-0.055	-0.058	-0.062	-0.055	-0.080	-0.056	0.5500
0.6500	0.201	0.210	0.356	0.300	0.111	0.039	-0.066	-0.044	-0.025	-0.042	-0.051	-0.058	-0.066	-0.059	-0.085	-0.078	0.6500
0.7500	0.245	0.179	0.341	0.303	0.133	0.025	-0.040	-0.028		-0.031	-0.030	-0.050	-0.056	-0.060	-0.056		0.7500
0.8500	0.204	0.197	0.353	0.304	0.114	0.035	-0.080	-0.039	-0.018	-0.007	-0.033	-0.049	-0.053	-0.059	-0.063	-0.075	0.8500
0.9500	0.111	0.251	0.411	0.126	-0.062	-0.044	-0.071	-0.016	-0.020	-0.033	-0.046	-0.067	-0.066	-0.063	-0.080	-0.067	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(i) BVC $\delta = 9.7°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 1.303 α = 11.89																	
0.0500	-0.019	0.565	-0.324	-0.276	-0.313	0.006	-0.117	-0.012	-0.040	-0.063	-0.063	-0.083	-0.122	-0.097	-0.101	-0.079	0.0500
0.1500	-0.004	-0.098	-0.152	-0.137	-0.142	0.029	-0.058	-0.041	-0.072	-0.088	-0.075	-0.079	-0.073	-0.079	-0.085	-0.030	0.1500
0.2500	0.024	-0.026	-0.157	-0.147	-0.139	-0.166	0.025	-0.039	-0.096	-0.097	-0.078	-0.080				-0.006	0.2500
0.3500	-0.005	-0.080	-0.148	-0.131	-0.144	0.024	-0.054	-0.037	-0.086	-0.097	-0.075	-0.073	-0.030	-0.042	-0.084	-0.013	0.3500
0.4500	-0.019	0.550	-0.295	-0.299	-0.290	-0.009	-0.119	-0.019	-0.065	-0.073	-0.059	-0.072	-0.071	-0.073	-0.082	-0.037	0.4500
0.5500	0.080	0.483	0.514	0.113	-0.099	-0.048	-0.120	-0.094	-0.076	-0.069	-0.093	-0.111	-0.123	-0.107	-0.099	-0.125	0.5500
0.6500	0.241	0.280	0.457	0.382	0.168	-0.018	-0.085	-0.036	-0.029	-0.035	-0.044	-0.059	-0.073	-0.113	-0.122	-0.127	0.6500
0.7500	0.319	0.252	0.449	0.397	0.208	0.046	0.005	-0.018		0.004	-0.003	-0.019	-0.032	-0.068	-0.080		0.7500
0.8500	0.245	0.268	0.464	0.385	0.179	-0.007	-0.091	-0.033	-0.018	-0.019	-0.033	-0.043	-0.054	-0.087	-0.072	-0.099	0.8500
0.9500	0.082	0.454	0.510	0.185	-0.098	-0.057	-0.118	-0.091	-0.069	-0.047	-0.074	-0.105	-0.105	-0.114	-0.121	-0.131	0.9500
M = 1.302 α = 15.87																	
0.0500	-0.090	0.719	-0.435	-0.424	-0.412	-0.076	-0.113	-0.072	-0.087	-0.078	-0.102	-0.125	-0.118	-0.094	-0.122	-0.077	0.0500
0.1500	-0.051	-0.202	-0.147	-0.148	-0.174	0.011	-0.081	-0.092	-0.125	-0.096	-0.094	-0.093	-0.054	-0.091	-0.099	-0.066	0.1500
0.2500	0.024	-0.034	-0.192	-0.147	-0.154	-0.146	-0.043	-0.086	-0.121	-0.112	-0.083	-0.077				-0.052	0.2500
0.3500	-0.058	-0.207	-0.145	-0.144	-0.189	0.011	-0.081	-0.102	-0.115	-0.107	-0.089	-0.079	-0.056	-0.089	-0.132	-0.076	0.3500
0.4500	-0.084	0.710	-0.434	-0.437	-0.423	-0.077	-0.118	-0.064	-0.095	-0.085	-0.081	-0.105	-0.082	-0.093	-0.126	-0.065	0.4500
0.5500	0.049	0.571	0.620	0.148	-0.235	-0.121	-0.118	-0.076	-0.121	-0.130	-0.138	-0.192	-0.206	-0.155	-0.179	-0.168	0.5500
0.6500	0.294	0.391	0.575	0.452	0.249	-0.048	-0.077	-0.033	0.006	-0.002	-0.039	-0.063	-0.095	-0.109	-0.117	-0.149	0.6500
0.7500	0.413	0.385	0.571	0.473	0.644	0.089	0.027	0.019		0.069	0.054	0.017	-0.002	-0.028	-0.045		0.7500
0.8500	0.304	0.381	0.580	0.456	0.255	-0.032	-0.083	-0.055	0.014	0.004	-0.014	-0.055	-0.057	-0.094	-0.104	-0.106	0.8500
0.9500	0.054	0.562	0.623	0.232	-0.264	-0.136	-0.144	-0.059	-0.100	-0.104	-0.110	-0.180	-0.160	-0.162	-0.196	-0.182	0.9500
M = 1.502 α = 03.83																	
0.0500	0.085	0.344	-0.046	-0.070	-0.104	0.106	-0.014	-0.026	-0.007	-0.032	-0.032	-0.055	-0.037	-0.037	-0.049	-0.041	0.0500
0.1500	0.070	-0.004	-0.063	-0.046	-0.065	-0.078	-0.007	0.001	-0.007	-0.021	-0.024	-0.039	-0.026	-0.059	-0.057	-0.052	0.1500
0.2500	0.067	0.006	-0.041	-0.044	-0.059	-0.073	0.007	0.011	-0.006	-0.010	-0.026	-0.040				-0.036	0.2500
0.3500	0.065	-0.015	-0.068	-0.048	-0.065	-0.074	-0.008	0.005	-0.005	-0.009	-0.030	-0.036	-0.017	-0.048	-0.071	-0.057	0.3500
0.4500	0.085	0.326	-0.057	-0.074	-0.104	0.107	-0.019	-0.023	-0.009	-0.026	-0.035	-0.042	-0.041	-0.036	-0.060	-0.046	0.4500
0.5500	0.118	0.194	0.263	0.027	-0.042	-0.002	-0.054	-0.015	-0.026	-0.029	-0.026	-0.034	-0.035	-0.028	-0.053	-0.044	0.5500
0.6500	0.152	0.126	0.211	0.184	0.077	0.055	-0.031	-0.027	-0.025	-0.030	-0.031	-0.029	-0.035	-0.026	-0.046	-0.042	0.6500
0.7500	0.164	0.105	0.170	0.181	0.128	0.047	0.002	-0.049		-0.031	-0.026	-0.025	-0.032	-0.034	-0.041		0.7500
0.8500	0.150	0.129	0.216	0.190	0.082	0.058	-0.030	-0.031	-0.029	-0.024	-0.029	-0.024	-0.037	-0.041	-0.044	-0.040	0.8500
0.9500	0.113	0.156	0.249	0.086	-0.042	0.003	-0.056	-0.021	-0.030	-0.035	-0.026	-0.033	-0.036	-0.039	-0.043	-0.040	0.9500
M = 1.697 α = 03.78																	
0.0500	0.104	0.349	-0.037	-0.051	-0.077	0.099	0.006	-0.005	0.002	-0.018	-0.034	-0.037	-0.054	-0.047	-0.053	-0.053	0.0500
0.1500	0.083	0.016	-0.034	-0.038	-0.050	-0.062	0.010	0.013	-0.007	-0.010	-0.029	-0.043	-0.039	-0.061	-0.069	-0.057	0.1500
0.2500	0.076	0.033	-0.017	-0.041	-0.047	-0.056	-0.041	0.035	-0.005	-0.017	-0.031	-0.042				-0.050	0.2500
0.3500	0.075	0.015	-0.033	-0.045	-0.051	-0.063	0.012	0.015	-0.003	-0.016	-0.030	-0.040	-0.027	-0.056	-0.073	-0.060	0.3500
0.4500	0.097	0.351	-0.057	-0.045	-0.079	0.102	0.010	-0.004	-0.001	-0.018	-0.036	-0.042	-0.050	-0.056	-0.055	-0.073	0.4500
0.5500	0.128	0.207	0.251	0.040	-0.046	0.038	-0.044	-0.020	-0.011	-0.025	-0.031	-0.039	-0.050	-0.041	-0.050	-0.061	0.5500
0.6500	0.164	0.128	0.182	0.185	0.091	0.046	-0.006	-0.017	-0.023	-0.028	-0.028	-0.036	-0.051	-0.049	-0.048	-0.061	0.6500
0.7500	0.185	0.122	0.161	0.171	0.149	0.053	0.029	-0.020		-0.028	-0.020	-0.030	-0.053	-0.056	-0.053		0.7500
0.8500	0.176	0.127	0.193	0.173	0.108	0.047	0.002	-0.026	-0.016	-0.024	-0.031	-0.030	-0.052	-0.055	-0.056	-0.060	0.8500
0.9500	0.139	0.160	0.253	0.081	-0.034	0.039	-0.049	-0.025	-0.014	-0.026	-0.030	-0.035	-0.042	-0.047	-0.053	-0.058	0.9500
M = 1.904 α = 03.98																	
0.0500	0.077	0.344	-0.048	-0.038	-0.057	-0.096	0.020	0.013	-0.013	-0.005	-0.019	-0.026	-0.043	-0.038	-0.042	-0.049	0.0500
0.1500	0.067	0.005	-0.035	-0.039	-0.038	-0.048	0.015	0.000	-0.004	-0.009	-0.025	-0.031	-0.040	-0.040	-0.051	-0.058	0.1500
0.2500	0.062	0.022	-0.007	-0.036	-0.039	-0.037	-0.050	0.015	0.008	-0.010	-0.019	-0.027				-0.048	0.2500
0.3500	0.059	0.005	-0.031	-0.040	-0.039	-0.044	0.021	-0.006	-0.001	-0.009	-0.021	-0.029	-0.023	-0.042	-0.059	-0.059	0.3500
0.4500	0.077	0.324	-0.052	-0.045	-0.060	-0.010	0.022	0.010	-0.010	-0.007	-0.028	-0.029	-0.042	-0.039	-0.049	-0.053	0.4500
0.5500	0.107	0.179	0.260	0.024	-0.048	0.032	-0.022	0.010	0.003	-0.010	-0.021	-0.031	-0.039	-0.035	-0.045	-0.051	0.5500
0.6500	0.147	0.109	0.138	0.170	0.098	0.050	0.024	-0.015	-0.002	-0.012	-0.019	-0.031	-0.039	-0.046	-0.047	-0.059	0.6500
0.7500	0.168	0.115	0.132	0.157	0.154	0.080	0.048	0.016		-0.010	-0.019	-0.031	-0.036	-0.046	-0.052		0.7500
0.8500	0.152	0.104	0.135	0.170	0.096	0.056	0.029	-0.020	-0.010	-0.009	-0.021	-0.032	-0.034	-0.043	-0.056	-0.048	0.8500
0.9500	0.110	0.132	0.251	0.073	-0.044	0.030	-0.020		-0.009	-0.010	-0.022	-0.033	-0.037	-0.041	-0.052	-0.055	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(i) BVC $\delta = 9.7°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 2.228		α=-03.88							
0.0500	0.102	0.144	0.018	0.009	0.001	-0.032	0.005	0.009	-0.003	-0.010	-0.030	-0.020	-0.039	-0.022	-0.044	-0.049	0.0500
0.1500	0.140	0.074	0.058	0.041	0.030	0.020	0.009	-0.004	0.009	-0.002	-0.012	-0.006	-0.022	-0.024	-0.046	-0.055	0.1500
0.2500	0.151	0.091	0.083	0.049	0.040	0.031	0.025	0.013	-0.003	-0.006	0.004	-0.008				-0.041	0.2500
0.3500	0.129	0.071	0.058	0.037	0.026	0.022	0.014	-0.004	0.015	-0.005	-0.012	-0.011	-0.023	-0.028	-0.048	-0.057	0.3500
0.4500	0.103	0.121	0.019	0.008	-0.004	-0.060	0.005	0.008	-0.005	-0.013	-0.026	-0.018	-0.037	-0.023	-0.044	-0.046	0.4500
0.5500	0.076	0.136	0.074	-0.001	-0.018		0.004	-0.013	-0.006	-0.013	-0.020	-0.025	-0.028	-0.019	-0.030	-0.033	0.5500
0.6500	0.062	0.034	0.035	0.028	0.003	0.008		-0.011	0.000	-0.005	-0.014	-0.016	-0.019	-0.016	-0.024	-0.027	0.6500
0.7500	0.058	0.030	0.034	0.046	0.027	-0.001	-0.004	-0.002		-0.010	-0.003	-0.018	-0.017	-0.014	-0.021		0.7500
0.8500	0.060	0.036	0.033	0.032	0.003	0.006		-0.012	-0.006	-0.010	-0.014	-0.016	-0.020	-0.020	-0.024	-0.024	0.8500
0.9500	0.073	0.057	0.075	0.002	-0.017	-0.001	0.006	-0.007	-0.005	-0.014	-0.021	-0.024	-0.022	-0.027	-0.033	-0.036	0.9500
								M = 2.224		α= 00.25							
0.0500	0.096	0.242	0.013	-0.011	-0.021	-0.034	0.039	0.010	-0.004	-0.007	-0.026	-0.025	-0.031	-0.025	-0.037	-0.045	0.0500
0.1500	0.104	0.041	0.021	0.007	0.000	-0.008	-0.015	0.012	-0.006	-0.011	-0.020	-0.020	-0.031	-0.029	-0.039	-0.054	0.1500
0.2500	0.098	0.056	0.046	0.012	0.004		-0.006	-0.013	-0.015	-0.012	-0.016	-0.015				-0.041	0.2500
0.3500	0.092	0.039	0.021	0.006	-0.001	-0.005	-0.010	0.011	-0.008	-0.014	-0.011	-0.018	-0.008	-0.027	-0.050	-0.056	0.3500
0.4500	0.097	0.187	0.009	-0.009	-0.023	-0.031	0.036	0.007	-0.004	-0.016	-0.017	-0.016	-0.022	-0.030	-0.043	-0.046	0.4500
0.5500	0.098	0.163	0.153	-0.003	-0.033	0.005	0.004	-0.009	-0.011	-0.013	-0.019	-0.024	-0.030	-0.023	-0.034	-0.035	0.5500
0.6500	0.103	0.059	0.073	0.076	0.046	0.031	0.024	-0.007	-0.010	-0.011	-0.020	-0.027	-0.028	-0.022	-0.031	-0.035	0.6500
0.7500	0.105	0.054	0.067	0.088	0.078	0.068	0.017	0.006		-0.016	-0.020	-0.028	-0.027	-0.025	-0.030		0.7500
0.8500	0.104	0.058	0.069	0.075	0.048	0.033	0.019		-0.012	-0.017	-0.011	-0.028	-0.028	-0.026	-0.029	-0.028	0.8500
0.9500	0.098	0.090	0.148	0.022	-0.036	0.005	0.006	-0.007	-0.011	-0.014	-0.023	-0.027	-0.027	-0.029	-0.032	-0.034	0.9500
								M = 2.231		α= 04.18							
0.0500	0.075	0.351	-0.038	-0.023	-0.041	-0.029	0.029	-0.005	-0.018	-0.010	-0.022	-0.028	-0.033	-0.026	-0.031	-0.035	0.0500
0.1500	0.069	0.006	-0.020	-0.024	-0.027	-0.036	-0.024	-0.006	-0.019	-0.019	-0.033	-0.025	-0.031	-0.027	-0.045	-0.041	0.1500
0.2500	0.057	0.025	0.013	-0.021	-0.027	-0.030	-0.037	-0.030	-0.024	-0.022	-0.022	-0.022				-0.045	0.2500
0.3500	0.056	0.002	-0.018	-0.026	-0.029	-0.033	-0.017	-0.007	-0.009	-0.022	-0.016	-0.018	-0.014	-0.027	-0.048	-0.049	0.3500
0.4500	0.071	0.296	-0.038	-0.026	-0.042	-0.028	0.026	-0.004	-0.017	-0.022	-0.025	-0.022	-0.025	-0.029	-0.040	-0.047	0.4500
0.5500	0.103	0.192	0.247	0.032	-0.038	0.024	0.005	-0.009	-0.017	-0.014	-0.026	-0.027	-0.031	-0.025	-0.034	-0.040	0.5500
0.6500	0.139	0.092	0.120	0.136	0.099	0.049	0.035	-0.002	-0.012	-0.013	-0.021	-0.031	-0.033	-0.026	-0.040	-0.043	0.6500
0.7500	0.156	0.103	0.106	0.148	0.132	0.088	0.035	0.019		-0.020	-0.015	-0.026	-0.031	-0.030	-0.039		0.7500
0.8500	0.142	0.091	0.122	0.135	0.101	0.049	0.034	-0.001	-0.008	-0.018	-0.013	-0.026	-0.033	-0.034	-0.036	-0.027	0.8500
0.9500	0.108	0.117	0.237	0.061	-0.038	0.022	0.006	-0.011	-0.012	-0.016	-0.025	-0.032	-0.029	-0.033	-0.037	-0.042	0.9500
								M = 2.224		α= 08.21							
0.0500	0.043	0.483	-0.109	-0.059	-0.065	0.026	-0.013	-0.030	-0.036	-0.035	-0.042	-0.045	-0.054	-0.038	-0.050	-0.055	0.0500
0.1500	0.034	-0.037	-0.057	-0.050	-0.052	-0.058	-0.012	-0.035	-0.040	-0.033	-0.042	-0.037	-0.042	-0.033	-0.044	-0.049	0.1500
0.2500	0.027	0.005	-0.009	-0.050	-0.053	-0.056	-0.058	-0.014	-0.024	-0.033	-0.030	-0.033				-0.050	0.2500
0.3500	0.021	-0.052	-0.054	-0.048	-0.048	-0.054	-0.008	-0.034	-0.020	-0.029	-0.037	-0.032	-0.022	-0.018	-0.054	-0.049	0.3500
0.4500	0.040	0.433	-0.105	-0.052	-0.069	0.033	-0.013	-0.032	-0.034	-0.037	-0.039	-0.035	-0.038	-0.035	-0.046	-0.055	0.4500
0.5500	0.110	0.212	0.340	0.103	-0.033	0.065	-0.002	-0.030	-0.034	-0.033	-0.043	-0.050	-0.058	-0.049	-0.058	-0.058	0.5500
0.6500	0.199	0.132	0.193	0.192	0.168	0.081	0.047	0.013	-0.017	-0.027	-0.024	-0.038	-0.045	-0.047	-0.062	-0.063	0.6500
0.7500	0.242	0.165	0.165	0.222	0.212	0.149	0.078	0.045		-0.007	-0.012	-0.014	-0.024	-0.031	-0.053		0.7500
0.8500	0.206	0.132	0.192	0.197	0.171	0.080	0.051	0.014	-0.012	-0.018	-0.004	-0.023	-0.034	-0.041	-0.051	-0.049	0.8500
0.9500	0.117	0.147	0.324	0.145	-0.036	0.066		-0.030	-0.035	-0.026	-0.042	-0.060	-0.050	-0.053	-0.059	-0.061	0.9500
								M = 2.236		α= 12.24							
0.0500	-0.004	0.606	-0.155	-0.092	-0.102	0.040	-0.049	-0.065	-0.057	-0.055	-0.084	-0.071	-0.092	-0.089	-0.103	-0.081	0.0500
0.1500	0.001	-0.101	-0.060	-0.066	-0.066	-0.081	-0.032	-0.069	-0.056	-0.053	-0.060	-0.060	-0.079	-0.064	-0.079	-0.082	0.1500
0.2500	0.003	-0.015	-0.029	-0.072	-0.075	-0.072	-0.067	-0.018	-0.053	-0.046	-0.053	-0.051				-0.071	0.2500
0.3500	-0.012	-0.122	-0.068	-0.066	-0.067	-0.077	-0.027	-0.069	-0.044	-0.051	-0.052	-0.055	-0.010	-0.051	-0.075	-0.088	0.3500
0.4500	-0.005	0.582	-0.153	-0.098	-0.105	0.032	-0.052	-0.063	-0.050	-0.055	-0.066	-0.058	-0.056	-0.067	-0.078	-0.076	0.4500
0.5500	0.110	0.240	0.279	0.176	-0.067	0.019	-0.027	-0.073	-0.102	-0.107	-0.067	-0.074	-0.097	-0.088	-0.082	-0.078	0.5500
0.6500	0.256	0.189	0.272	0.299	0.241	0.123	0.061	0.028	0.002	-0.025	-0.024	-0.038	-0.110	-0.072	-0.065	-0.084	0.6500
0.7500	0.322	0.252	0.235	0.307	0.291	0.212	0.141	0.097		0.019	0.020	0.001	-0.027	-0.036	-0.033		0.7500
0.8500	0.256	0.194	0.261	0.308	0.243	0.125	0.062	0.028	0.006	0.000	0.007	-0.018	-0.026	-0.004	-0.050	-0.067	0.8500
0.9500	0.112	0.177	0.284	0.230	-0.071	0.016	-0.029	-0.075	-0.099	-0.056	-0.032	-0.092	-0.088	-0.067	-0.093	-0.079	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(i) BVC $\delta = 9.7°$ - Concluded

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 2.233 α = 16.22																	
0.0500	-0.049	0.761	-0.178	-0.138	-0.131	-0.055	-0.097	-0.101	-0.121	-0.121	-0.109	-0.095	-0.097	-0.088	-0.090	-0.088	0.0500
0.1500	-0.034	-0.160	-0.074	-0.085	-0.090	-0.090	-0.078	-0.091	-0.097	-0.097	-0.096	-0.089	-0.091	-0.082	-0.091	-0.092	0.1500
0.2500	-0.012	-0.031	-0.055	-0.095	-0.089	-0.085	-0.054	-0.054	-0.072	-0.082	-0.088	-0.087				-0.093	0.2500
0.3500	-0.049	-0.167	-0.074	-0.087	-0.083	-0.090	-0.073	-0.088	-0.084	-0.090	-0.092	-0.093	-0.065	-0.073	-0.099	-0.102	0.3500
0.4500	-0.053	0.701	-0.176	-0.144	-0.152	-0.055	-0.101	-0.105	-0.110	-0.107	-0.094	-0.080	-0.084	-0.080	-0.094	-0.102	0.4500
0.5500	0.111	0.275	0.273	0.253	-0.094	-0.066	-0.084	-0.114	-0.116	-0.122	-0.114	-0.125	-0.121	-0.112	-0.118	-0.106	0.5500
0.6500	0.317	0.247	0.354	0.398	0.324	0.172	0.107	0.067	0.040	0.026	-0.012	-0.008	-0.016	-0.049	-0.093	-0.070	0.6500
0.7500	0.415	0.341	0.318	0.398	0.379	0.281	0.210	0.163		0.049	0.068	0.040	0.040	0.038	-0.012		0.7500
0.8500	0.322	0.254	0.349	0.410	0.328	0.177	0.114	0.064	0.028	0.108	0.020	-0.002	-0.014	-0.021	-0.039	-0.057	0.8500
0.9500	0.117	0.210	0.262	0.320	-0.096	-0.062	-0.088	-0.114	-0.071	-0.121	-0.101	-0.125	-0.085	-0.107	-0.126	-0.116	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued

(j) BV_5

	Fraction of body length, x/l																
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 0.698		α=-04.28							
0.0500	0.042	0.004	-0.022	-0.050	-0.056	-0.064	-0.074	-0.070	-0.071	-0.082	-0.085	-0.081	-0.070	-0.065	-0.048	0.015	0.0500
0.1500	0.081	0.034	0.003	-0.027	-0.035	-0.041	-0.053	-0.054	-0.067	-0.068	-0.073	-0.072	-0.048	-0.061	-0.037	0.044	0.1500
0.2500	0.101	0.050	0.017	-0.012	-0.022	-0.029	-0.042	-0.045	-0.055	-0.065	-0.068	-0.064		-0.135		0.052	0.2500
0.3500	0.086	0.037	0.009	-0.025	-0.036	-0.036	-0.050	-0.054	-0.053	-0.065	-0.074	-0.069	-0.114	-0.133	-0.067	0.056	0.3500
0.4500	0.051	0.002	-0.030	-0.048	-0.059	-0.062	-0.071	-0.073	-0.064	-0.078	-0.084	-0.082	-0.115	-0.101	-0.061	0.049	0.4500
0.5500	0.020		-0.044	-0.063	-0.070	-0.074	-0.083	-0.082	-0.076	-0.086	-0.082	-0.092	-0.104	-0.084	-0.057	0.045	0.5500
0.6500	0.003	-0.030	-0.050	-0.070	-0.079	-0.073	-0.081	-0.079	-0.081	-0.084	-0.079	-0.083	-0.096	-0.065	-0.032	0.044	0.6500
0.7500	0.002	-0.030	-0.049	-0.066	-0.069	-0.071	-0.076	-0.074	-0.076	-0.078	-0.073	-0.073	-0.070	-0.047	-0.017		0.7500
0.8500	0.003	-0.030	-0.050	-0.068	-0.072	-0.073	-0.081	-0.076	-0.075	-0.078	-0.078	-0.067	-0.058	-0.035	-0.007	0.015	0.8500
0.9500	0.013	-0.024	-0.043	-0.067	-0.072	-0.076	-0.082	-0.081	-0.083	-0.086	-0.083	-0.077	-0.063	-0.045	-0.018	0.043	0.9500
								M = 0.697		α=-00.35							
0.0500	0.041	0.005	-0.029	-0.049	-0.054	-0.061	-0.069	-0.064	-0.066	-0.075	-0.078	-0.078	-0.052	-0.059	-0.038		0.0500
0.1500	0.041	0.003	-0.024	-0.048	-0.055	-0.059	-0.067	-0.065	-0.074	-0.073	-0.074	-0.071	-0.023	-0.040	-0.015	0.050	0.1500
0.2500	0.044	0.002	-0.026	-0.048	-0.057	-0.060	-0.069	-0.067	-0.070	-0.076	-0.074	-0.072		-0.134		0.050	0.2500
0.3500	0.045	0.003	-0.022	-0.048	-0.058	-0.057	-0.068	-0.068	-0.071	-0.080	-0.077	-0.074	-0.111	-0.144	-0.069	0.035	0.3500
0.4500	0.045		-0.030	-0.048	-0.056	-0.059	-0.068	-0.067	-0.068	-0.077	-0.080	-0.076	-0.114	-0.124	-0.072	0.024	0.4500
0.5500	0.046	0.022	-0.024	-0.046	-0.054	-0.059	-0.066	-0.067	-0.070	-0.081	-0.076	-0.089	-0.094	-0.101	-0.076	0.027	0.5500
0.6500	0.045	0.003	-0.023	-0.048	-0.054	-0.059	-0.065	-0.067	-0.072	-0.081	-0.078	-0.095	-0.100	-0.083	-0.047	0.031	0.6500
0.7500	0.046	0.002	-0.023	-0.048	-0.057	-0.059	-0.064	-0.067	-0.074	-0.078	-0.080	-0.085	-0.083	-0.070	-0.034		0.7500
0.8500	0.044	0.000	-0.024	-0.048	-0.056	-0.059	-0.067	-0.067	-0.073	-0.080	-0.085	-0.080	-0.075	-0.054	-0.026	-0.022	0.8500
0.9500	0.042	-0.001	-0.008	-0.050	-0.056	-0.060	-0.066	-0.067	-0.075	-0.080	-0.083	-0.079	-0.070	-0.047	-0.021	0.046	0.9500
								M = 0.699		α= 03.92							
0.0500	0.018	-0.015	-0.039	-0.064	-0.069	-0.075	-0.081	-0.075	-0.074	-0.075	-0.082	-0.077	-0.066	-0.040	-0.015	0.019	0.0500
0.1500	0.005	-0.024	-0.048	-0.064	-0.067	-0.069	-0.073	-0.070	-0.077	-0.080	-0.076	-0.061	-0.020	-0.011	0.009	0.061	0.1500
0.2500	0.003	-0.025	-0.047	-0.062	-0.065	-0.065	-0.070	-0.067	-0.071	-0.075	-0.071	-0.052		-0.125		0.048	0.2500
0.3500	0.004	-0.026	-0.045	-0.067	-0.072	-0.067	-0.074	-0.072	-0.070	-0.076	-0.070	-0.054	-0.080	-0.127	-0.062	0.032	0.3500
0.4500	0.018	-0.017	-0.050	-0.065	-0.071	-0.072	-0.080	-0.079	-0.077	-0.083	-0.086	-0.077	-0.112	-0.114	-0.103	0.013	0.4500
0.5500	0.055	0.029	-0.018	-0.047	-0.052	-0.057	-0.067	-0.070	-0.076	-0.085	-0.080	-0.094	-0.100	-0.110	-0.086	0.011	0.5500
0.6500	0.096	0.045	0.015	-0.016	-0.026	-0.031	-0.042	-0.044	-0.061	-0.068	-0.070	-0.083	-0.092	-0.099	-0.059	0.015	0.6500
0.7500	0.118	0.058	0.036	0.001	-0.013	-0.019	-0.030	-0.033	-0.041	-0.053	-0.061	-0.073	-0.080	-0.065	-0.039		0.7500
0.8500	0.096	0.044	0.015	-0.016	-0.026	-0.031	-0.047	-0.045	-0.052	-0.058	-0.061	-0.070	-0.067	-0.052	-0.030	0.037	0.8500
0.9500	0.050	0.007	-0.001	-0.050	-0.053	-0.059	-0.069	-0.068	-0.065	-0.068	-0.078	-0.071	-0.067	-0.046	-0.021	0.062	0.9500
								M = 0.700		α= 07.81							
0.0500	-0.043	-0.073	-0.098	-0.116	-0.118	-0.122	-0.128	-0.121	-0.090	-0.114	-0.113	-0.106	-0.080	-0.034	-0.007	0.067	0.0500
0.1500	-0.047	-0.066	-0.083	-0.094	-0.095	-0.093	-0.095	-0.089	-0.092	-0.099	-0.072	-0.075	-0.021	-0.011	0.001	0.055	0.1500
0.2500	-0.037	-0.052	-0.068	-0.078	-0.078	-0.076	-0.077	-0.071	-0.074	-0.075	-0.067	-0.057		-0.122		0.038	0.2500
0.3500	-0.046	-0.066	-0.079	-0.096	-0.096	-0.090	-0.094	-0.090	-0.068	-0.083	-0.066	-0.059	-0.094	-0.136	-0.071	0.001	0.3500
0.4500	-0.045	-0.077	-0.101	-0.119	-0.122	-0.123	-0.127	-0.124	-0.094	-0.118	-0.110	-0.084	-0.111	-0.135	-0.138	-0.027	0.4500
0.5500	0.022	-0.006	-0.057	-0.080	-0.088	-0.096	-0.107	-0.107	-0.109	-0.118	-0.113	-0.119	-0.142	-0.150	-0.131	-0.041	0.5500
0.6500	0.122	0.064	0.031	-0.002	-0.018	-0.027	-0.038	-0.040	-0.073	-0.076	-0.071	-0.102	-0.097	-0.121	-0.083	0.005	0.6500
0.7500	0.179	0.112	0.080	0.039	0.023	0.012	-0.002	-0.009	-0.019	-0.030	-0.039	-0.070	-0.069	-0.091	-0.059		0.7500
0.8500	0.129	0.065	0.036	-0.002	-0.015	-0.027	-0.041	-0.040	-0.031	-0.049	-0.064	-0.070	-0.066	-0.046	-0.028	0.042	0.8500
0.9500	0.022	-0.025	-0.035	-0.085	-0.089	-0.097	-0.105	-0.109	-0.083	-0.105	-0.103	-0.115	-0.084	-0.052	-0.019	0.065	0.9500
								M = 0.698		α= 11.83							
0.0500	-0.118	-0.145	-0.167	-0.179	-0.182	-0.181	-0.184	-0.174	-0.134	-0.150	-0.139	-0.119	-0.105	-0.075	0.001	0.040	0.0500
0.1500	-0.093	-0.099	-0.108	-0.111	-0.107	-0.102	-0.103	-0.100	-0.122	-0.115	-0.093	-0.064	-0.028	0.008	0.037	0.094	0.1500
0.2500	-0.055	-0.060	-0.073	-0.078	-0.075	-0.069	-0.070	-0.061	-0.065	-0.061	-0.051	-0.043		-0.138		0.026	0.2500
0.3500	-0.096	-0.092	-0.106	-0.111	-0.110	-0.100	-0.101	-0.099	-0.074	-0.082	-0.079	-0.061	-0.088	-0.143	-0.066	-0.005	0.3500
0.4500	-0.119	-0.145	-0.165	-0.181	-0.183	-0.179	-0.181	-0.175	-0.141	-0.149	-0.130	-0.100	-0.112	-0.138	-0.121	-0.028	0.4500
0.5500	-0.025	-0.054	-0.108	-0.133	-0.138	-0.144	-0.154	-0.156	-0.146	-0.156	-0.144	-0.147	-0.140	-0.185	-0.148	-0.077	0.5500
0.6500	0.159	0.094	0.058	0.021	0.003	-0.008	-0.023	-0.031	-0.070	-0.110	-0.071	-0.101	-0.148	-0.167	-0.121	-0.042	0.6500
0.7500	0.257	0.182	0.148	0.103	0.082	0.071	0.052	0.040	0.014	-0.033	-0.005	-0.038	-0.028	-0.063	-0.056		0.7500
0.8500	0.168	0.099	0.065	0.021	0.006	-0.007	-0.024	-0.031	-0.017	-0.038	-0.047	-0.039	-0.051	-0.031	-0.004	0.045	0.8500
0.9500	-0.020	-0.069	-0.076	-0.136	-0.135	-0.142	-0.155	-0.156	-0.135	-0.130	-0.132	-0.130	-0.115	-0.066	-0.018	0.071	0.9500

A 4 1 7 6

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(j) BV_5 - Continued

$\frac{\theta}{2\pi}$	Fraction of body length, x/l																$\frac{\theta}{2\pi}$
	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 0.701 α= 15.72																	
0.0500	-0.224	-0.243	-0.267	-0.277	-0.274	-0.268	-0.264	-0.244	-0.235	-0.226	-0.195	-0.214	-0.137	-0.059	-0.013	0.025	0.0500
0.1500	-0.167	-0.132	-0.136	-0.139	-0.132	-0.129	-0.133	-0.128	-0.140	-0.138	-0.124	-0.118	-0.056	-0.015	0.001	0.066	0.1500
0.2500	-0.073	-0.071	-0.087	-0.088	-0.082	-0.073	-0.071	-0.063	-0.110	-0.092	-0.090	-0.089		-0.189		-0.018	0.2500
0.3500	-0.180	-0.112	-0.136	-0.137	-0.129	-0.131	-0.132	-0.127	-0.122	-0.132	-0.127	-0.097	-0.146	-0.165	-0.118	-0.031	0.3500
0.4500	-0.218	-0.242	-0.260	-0.275	-0.270	-0.263	-0.259	-0.244	-0.209	-0.215	-0.180	-0.129	-0.130	-0.165	-0.149	-0.057	0.4500
0.5500	-0.102	-0.133	-0.188	-0.213	-0.220	-0.228	-0.238	-0.238	-0.231	-0.242	-0.238	-0.238	-0.251	-0.245	-0.251	-0.150	0.5500
0.6500	0.184	0.110	0.073	0.030	0.011	-0.002	-0.023	-0.026	-0.074	-0.069	-0.062	-0.143	-0.120	-0.169	-0.143	-0.066	0.6500
0.7500	0.340	0.252	0.217	0.163	0.139	0.124	0.104	0.094	0.038	0.038	0.025	-0.032	-0.033	-0.040	-0.007		0.7500
0.8500	0.197	0.121	0.086	0.037	0.015	-0.002	-0.021	-0.030	-0.020	-0.042	-0.057	-0.048	-0.073	-0.062	-0.031	0.032	0.8500
0.9500	-0.094	-0.143	-0.153	-0.217	-0.222	-0.228	-0.237	-0.236	-0.204	-0.246	-0.191	-0.210	-0.178	-0.132	-0.077	0.015	0.9500
M = 0.902 α= 03.78																	
0.0500	0.029	-0.011	-0.036	-0.076	-0.079	-0.087	-0.099	-0.091	-0.102	-0.098	-0.099	-0.091	-0.067	-0.054	-0.039	0.015	0.0500
0.1500	0.014	-0.021	-0.050	-0.073	-0.079	-0.082	-0.091	-0.087	-0.094	-0.093	-0.092	-0.083	-0.035	-0.021	0.005	0.069	0.1500
0.2500	0.012	-0.022	-0.051	-0.071	-0.076	-0.079	-0.088	-0.084	-0.088	-0.089	-0.086	-0.069		-0.115		0.060	0.2500
0.3500	0.015	-0.022	-0.048	-0.079	-0.083	-0.081	-0.091	-0.088	-0.083	-0.093	-0.085	-0.067	-0.103	-0.149	-0.056	0.032	0.3500
0.4500	0.029	-0.014	-0.052	-0.075	-0.082	-0.085	-0.098	-0.095	-0.094	-0.099	-0.100	-0.082	-0.109	-0.139	-0.101	0.028	0.4500
0.5500	0.063	0.037	-0.021	-0.057	-0.062	-0.070	-0.083	-0.085	-0.085	-0.096	-0.099	-0.098	-0.114	-0.129	-0.096	0.024	0.5500
0.6500	0.105	0.047	0.011	-0.024	-0.037	-0.044	-0.058	-0.060	-0.063	-0.078	-0.093	-0.108	-0.102	-0.111	-0.075	0.028	0.6500
0.7500	0.126	0.063	0.030	-0.010	-0.026	-0.033	-0.049	-0.051	-0.059	-0.069	-0.079	-0.085	-0.087	-0.081	-0.051		0.7500
0.8500	0.107	0.047	0.013	-0.025	-0.039	-0.046	-0.063	-0.061	-0.054	-0.066	-0.072	-0.079	-0.078	-0.063	-0.034	0.043	0.8500
0.9500	0.062	0.011	0.002	-0.061	-0.064	-0.071	-0.086	-0.085	-0.079	-0.084	-0.092	-0.100	-0.077	-0.055	-0.029	0.073	0.9500
M = 0.953 α= 03.78																	
0.0500	0.046	-0.001	-0.026	-0.073	-0.077	-0.083	-0.100	-0.086	-0.099	-0.101	-0.109	-0.102	-0.058	-0.047	-0.046	0.063	0.0500
0.1500	0.029	-0.010	-0.044	-0.074	-0.077	-0.080	-0.095	-0.082	-0.099	-0.102	-0.106	-0.096	-0.027	-0.030	0.007	0.075	0.1500
0.2500	0.028	-0.011	-0.045	-0.071	-0.075	-0.077	-0.092	-0.081	-0.093	-0.101	-0.096	-0.081		-0.141		0.064	0.2500
0.3500	0.031	-0.011	-0.040	-0.077	-0.080	-0.078	-0.094	-0.085	-0.094	-0.100	-0.099	-0.080	-0.095	-0.189	-0.061	0.051	0.3500
0.4500	0.046		-0.045	-0.073	-0.078	-0.082	-0.100	-0.089	-0.098	-0.103	-0.109	-0.100	-0.100	-0.174	-0.088	0.044	0.4500
0.5500	0.080	0.049	-0.011	-0.054	-0.061	-0.066	-0.087	-0.079	-0.086	-0.107	-0.104	-0.110	-0.107	-0.162	-0.096	0.046	0.5500
0.6500	0.118	0.056	0.018	-0.023	-0.036	-0.042	-0.064	-0.058	-0.070	-0.090	-0.094	-0.107	-0.102	-0.148	-0.074	0.064	0.6500
0.7500	0.139	0.070	0.035	-0.008	-0.026	-0.032	-0.053	-0.049	-0.063	-0.081	-0.087	-0.098	-0.089	-0.116	-0.063		0.7500
0.8500	0.121	0.055	0.021	-0.022	-0.038	-0.044	-0.067	-0.056	-0.071	-0.075	-0.090	-0.095	-0.081	-0.078	-0.033	0.080	0.8500
0.9500	0.078	0.021	0.014	-0.057	-0.063	-0.068	-0.088	-0.081	-0.093	-0.098	-0.104	-0.112	-0.071	-0.065	-0.022	0.089	0.9500
M = 1.000 α= 03.88																	
0.0500	0.074	0.045	0.018	-0.038	-0.063	-0.080	-0.090	-0.088	-0.088	-0.098	-0.114	-0.125	-0.076	-0.066	-0.049	0.066	0.0500
0.1500	0.078	0.028	-0.010	-0.053	-0.077	-0.079	-0.095	-0.093	-0.091	-0.100	-0.110	-0.119	-0.007	-0.053	-0.029	0.078	0.1500
0.2500	0.073	0.025	-0.014	-0.055	-0.078	-0.076	-0.093	-0.091	-0.090	-0.102	-0.104	-0.108		-0.199		0.070	0.2500
0.3500	0.071	0.025	-0.016	-0.053	-0.075	-0.076	-0.090	-0.087	-0.088	-0.102	-0.103	-0.111	-0.117	-0.200	-0.131	0.051	0.3500
0.4500	0.079	0.027	-0.013	-0.056	-0.081	-0.078	-0.095	-0.091	-0.090	-0.113	-0.115	-0.120	-0.116	-0.180	-0.184	0.044	0.4500
0.5500	0.104	0.071	0.015	-0.045	-0.070	-0.073	-0.093	-0.094	-0.088	-0.109	-0.113	-0.137	-0.117	-0.169	-0.182	0.039	0.5500
0.6500	0.145	0.086	0.042	-0.031	-0.042	-0.048	-0.080	-0.074	-0.070	-0.099	-0.104	-0.125	-0.133	-0.153	-0.149	0.040	0.6500
0.7500	0.160	0.090	0.061	0.000	-0.030	-0.035	-0.057	-0.062	-0.064	-0.086	-0.097	-0.115	-0.122	-0.121	-0.121		0.7500
0.8500	0.168	0.090	0.056	0.004	-0.027	-0.035	-0.054	-0.057	-0.062	-0.084	-0.101	-0.115	-0.116	-0.093	-0.096	0.014	0.8500
0.9500	0.140	0.055	0.048	-0.019	-0.049	-0.059	-0.074	-0.074	-0.084	-0.105	-0.110	-0.126	-0.109	-0.082	-0.076	0.087	0.9500
M = 1.053 α= 03.88																	
0.0500	0.086	0.080	0.068	0.035	0.034	0.020	0.011	-0.020	-0.052	-0.066	-0.087	-0.102	-0.077	-0.090	-0.073	-0.052	0.0500
0.1500	0.090	0.056	0.056	0.032	0.026	0.020	-0.014	-0.035	-0.052	-0.072	-0.092	-0.095	-0.034	-0.053	-0.070	0.022	0.1500
0.2500	0.087	0.051	0.037	0.032	0.021	0.019	-0.013	-0.034	-0.052	-0.073	-0.079	-0.090		-0.168		0.001	0.2500
0.3500	0.085	0.051	0.036	0.028	0.020	0.020	-0.011	-0.030	-0.050	-0.076	-0.078	-0.089	-0.094	-0.194	-0.168	-0.022	0.3500
0.4500	0.094	0.053	0.035	0.028	0.020	0.017	-0.015	-0.035	-0.052	-0.077	-0.089	-0.105	-0.101	-0.185	-0.204	-0.050	0.4500
0.5500	0.104	0.088	0.051	0.044	0.035	0.026	-0.009	-0.032	-0.051	-0.079	-0.089	-0.110	-0.120	-0.169	-0.186	-0.097	0.5500
0.6500	0.144	0.110	0.071	0.069	0.048	0.051	0.020	-0.009	-0.039	-0.065	-0.078	-0.098	-0.113	-0.153	-0.149	-0.107	0.6500
0.7500	0.172	0.122	0.097	0.082	0.070	0.062	0.032	0.004	-0.026	-0.055	-0.070	-0.089	-0.104	-0.124	-0.124		0.7500
0.8500	0.183	0.115	0.093	0.077	0.072	0.067	0.032	0.009	-0.027	-0.050	-0.074	-0.092	-0.103	-0.091	-0.106	-0.017	0.8500
0.9500	0.147	0.085	0.091	0.057	0.049	0.039	0.014	-0.023	-0.036	-0.079	-0.086	-0.105	-0.106	-0.080	-0.100	0.001	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued

(j) BV_5 - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 1.104		α= 03.88								
0.0500	0.063	0.077	0.070	0.033	0.009	-0.001	-0.006		0.010	0.009	-0.003	-0.063	-0.036	-0.040	-0.030	0.018	0.0500
0.1500	0.110	0.068	0.054	0.016	-0.012	-0.011	-0.011	0.005	0.007	0.007	-0.006	-0.045	0.020	-0.017	-0.028	0.059	0.1500
0.2500	0.102	0.060	0.040	0.014	-0.014	-0.006	-0.006	0.012	0.007	0.002	-0.005	-0.040		-0.139		0.042	0.2500
0.3500	0.100	0.058	0.041	0.011	-0.012	-0.004	-0.005	0.018	0.009	-0.003	-0.006	-0.039	-0.053	-0.157	-0.141	0.009	0.3500
0.4500	0.112	0.060	0.040	0.006	-0.016	-0.008	-0.012	0.006	0.015	-0.006	-0.012	-0.056	-0.055	-0.139	-0.158	-0.036	0.4500
0.5500	0.142	0.107	0.057	0.022	0.001	0.002	-0.004	0.003	0.018	0.005	-0.007	-0.062	-0.083	-0.120	-0.145	-0.079	0.5500
0.6500	0.175	0.119	0.088	0.054	0.014	0.010	0.016	0.008	0.022	0.022	0.009	-0.051	-0.079	-0.101	-0.098	-0.085	0.6500
0.7500	0.208	0.124	0.110	0.065	0.034	0.030	0.020	0.021	0.027	0.033	0.023	-0.035	-0.074	-0.068	-0.072		0.7500
0.8500	0.187	0.124	0.105	0.063	0.032	0.032	0.021	0.023	0.023	0.038	0.030	-0.040	-0.069	-0.052	-0.054	0.012	0.8500
0.9500	0.152	0.099	0.100	0.060	0.018	0.009	-0.002	0.002	0.012	0.022	0.014	-0.049	-0.073	-0.042	-0.045	0.036	0.9500
							M = 1.299		α=-04.13								
0.0500	0.111	0.077	0.043	0.029	0.011	-0.008	-0.016	-0.015	-0.015	-0.032	-0.044	-0.064	-0.059	-0.049	-0.066	-0.057	0.0500
0.1500	0.144	0.085	0.062	0.046	0.019	0.010	-0.012		-0.013	-0.025	-0.034	-0.041	0.008	-0.054	-0.061	-0.062	0.1500
0.2500	0.162	0.101	0.070	0.046	0.027	0.020	0.002	0.005	-0.005	-0.019	-0.032	-0.039		-0.167		-0.070	0.2500
0.3500	0.161	0.100	0.070	0.052	0.029	0.030	0.010	0.006	-0.001	-0.021	-0.035	-0.038	-0.051	-0.126	-0.127	-0.119	0.3500
0.4500	0.128	0.064	0.042	0.022	0.011	0.011	-0.008	-0.011	-0.021	-0.034	-0.042	-0.061	-0.051	-0.093	-0.126	-0.089	0.4500
0.5500	0.090	0.065	0.023	0.015	-0.012	-0.017	-0.020	-0.017	-0.024	-0.046	-0.048	-0.060	-0.061	-0.074	-0.086	-0.028	0.5500
0.6500	0.083	0.043	0.019	0.012	-0.010	-0.019	-0.021	-0.024	-0.028	-0.035	-0.042	-0.058	-0.046	-0.053	-0.058	-0.002	0.6500
0.7500	0.078	0.029	0.017	0.004	-0.010	-0.014	-0.017	-0.024	-0.028	-0.034	-0.037	-0.046	-0.042	-0.034	-0.043		0.7500
0.8500	0.080	0.030	0.017	0.002	-0.014	-0.011	-0.010	-0.020	-0.030	-0.038	-0.035	-0.046	-0.044	-0.028	-0.040	0.014	0.8500
0.9500	0.087	0.033	0.028	0.010	-0.011	-0.013	-0.020	-0.021	-0.034	-0.046	-0.040	-0.061	-0.051	-0.033	-0.055	-0.002	0.9500
							M = 1.302		α=-00.15								
0.0500	0.112	0.088	0.064	0.051	0.022	0.012	0.000	-0.002		-0.015	-0.025	-0.038	-0.043	-0.026	-0.027	-0.018	0.0500
0.1500	0.113	0.075	0.054	0.030	0.014	0.007	-0.008	-0.005	-0.008	-0.017	-0.028	-0.039	-0.004	-0.010	-0.030	0.001	0.1500
0.2500	0.117	0.067	0.051	0.021	0.015	0.005	-0.010	-0.007	-0.013	-0.020	-0.030	-0.034		-0.155		-0.013	0.2500
0.3500	0.123	0.068	0.050	0.024	0.015	0.005	-0.007	-0.007	-0.003	-0.021	-0.032	-0.033	-0.040	-0.117	-0.122	-0.078	0.3500
0.4500	0.122	0.065	0.049	0.022	0.012	0.007	-0.007	-0.009	0.000	-0.019	-0.034	-0.038	-0.040	-0.099	-0.123	-0.090	0.4500
0.5500	0.123	0.081	0.048	0.023	0.013	0.005	-0.010	-0.008	-0.009	-0.021	-0.031	-0.041	-0.045	-0.067	-0.106	-0.069	0.5500
0.6500	0.124	0.087	0.049	0.029	0.014	0.014	-0.004	-0.004	-0.009	-0.025	-0.028	-0.042	-0.048	-0.052	-0.074	-0.046	0.6500
0.7500	0.122	0.072	0.049	0.025	0.012	0.010	-0.001	-0.002	-0.010	-0.023	-0.026	-0.041	-0.043	-0.044	-0.061		0.7500
0.8500	0.118	0.075	0.051	0.026	0.013	0.005	-0.003	-0.007	-0.014	-0.018	-0.028	-0.043	-0.043	-0.024	-0.047	0.002	0.8500
0.9500	0.116	0.076	0.055	0.026	0.014	0.003	-0.005	0.000	-0.012	-0.021	-0.028	-0.044	-0.043	-0.015	-0.036	0.002	0.9500
							M = 1.303		α= 03.88								
0.0500	0.091	0.058	0.045	0.014	-0.001	-0.008	-0.020	-0.020	-0.022	-0.034	-0.043	-0.058	-0.044	-0.006	-0.020	0.024	0.0500
0.1500	0.083	0.033	0.029	0.004	-0.006	-0.014	-0.023	-0.022	-0.025	-0.037	-0.043	-0.049	0.009	-0.011	-0.024	0.015	0.1500
0.2500	0.081	0.030	0.020	0.006	-0.009	-0.019	-0.019	-0.020	-0.026	-0.033	-0.039	-0.040		-0.144		-0.006	0.2500
0.3500	0.080	0.028	0.013	0.003	-0.010	-0.015	-0.015	-0.025	-0.018	-0.034	-0.038	-0.039	-0.046	-0.122	-0.131	-0.054	0.3500
0.4500	0.088	0.030	0.016	-0.002	-0.010	-0.020	-0.019	-0.028	-0.014	-0.038	-0.050	-0.053	-0.051	-0.098	-0.145	-0.118	0.4500
0.5500	0.109	0.066	0.023	0.006	-0.002	-0.006	-0.023	-0.023	-0.021	-0.038	-0.045	-0.062	-0.073	-0.078	-0.113	-0.116	0.5500
0.6500	0.133	0.096	0.066	0.024	0.017	0.025	-0.010	-0.004	-0.007	-0.032	-0.033	-0.055	-0.056	-0.065	-0.082	-0.097	0.6500
0.7500	0.163	0.093	0.083	0.045	0.033	0.030	0.004	0.008	0.007	-0.021	-0.026	-0.047	-0.052	-0.051	-0.057		0.7500
0.8500	0.169	0.097	0.090	0.049	0.036	0.026	0.010	0.007	-0.004	-0.018	-0.036	-0.051	-0.057	-0.038	-0.050	-0.045	0.8500
0.9500	0.127	0.081	0.076	0.022	0.013	0.008	-0.008	-0.008	-0.017	-0.039	-0.042	-0.059	-0.063	-0.012	-0.038	-0.001	0.9500
							M = 1.303		α= 07.96								
0.0500	0.038	0.015	0.003		-0.046	-0.063	-0.072	-0.068	-0.066	-0.079	-0.079	-0.088	-0.104	-0.059	-0.029	0.030	0.0500
0.1500	0.043	-0.006	-0.012	-0.022	-0.046	-0.042	-0.049	-0.043	-0.067	-0.049	-0.046	-0.076	-0.040	-0.033	-0.028	-0.029	0.1500
0.2500	0.046	0.000	-0.013	-0.019	-0.038	-0.021	-0.034	-0.024	-0.042	-0.045	-0.044	-0.053		-0.105		-0.060	0.2500
0.3500	0.040	-0.005	-0.016	-0.020	-0.048	-0.027	-0.036	-0.040	-0.031	-0.044	-0.048	-0.039	-0.047	-0.141	-0.143	-0.079	0.3500
0.4500	0.044	-0.008	-0.025	-0.025	-0.059	-0.064	-0.066	-0.073	-0.054	-0.077	-0.085	-0.062	-0.070	-0.128	-0.176	-0.146	0.4500
0.5500	0.087	0.036	0.003	-0.018	-0.035	-0.043	-0.048	-0.058	-0.055	-0.075	-0.083	-0.095	-0.106	-0.118	-0.156	-0.171	0.5500
0.6500	0.164	0.105	0.055	0.023	0.034	0.022	-0.001	0.008	0.005	-0.022	-0.041	-0.071	-0.085	-0.106	-0.097	-0.114	0.6500
0.7500	0.210	0.144	0.109	0.068	0.073	0.051	0.046	0.046	0.034	0.001	-0.024	-0.048	-0.054	-0.079	-0.053		0.7500
0.8500	0.227	0.127	0.140	0.072	0.049	0.042	0.017	0.013	0.011	0.000	-0.020	-0.044	-0.063	-0.058	-0.055	-0.051	0.8500
0.9500	0.144	0.063	0.088	0.027	-0.021	-0.022	-0.041	-0.050	-0.052	-0.065	-0.070	-0.073	-0.092	-0.048	-0.046	0.002	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(j) BV_5 - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 1.304		α= 12.03							
0.0500	-0.005	-0.016	-0.046	-0.051	-0.104	-0.114	-0.111	-0.120	-0.123	-0.126	-0.120	-0.108	-0.120	-0.083	-0.022	-0.039	0.0500
0.1500	-0.001	-0.062	-0.041	-0.069	-0.075	-0.049	-0.054	-0.070	-0.113	-0.080	-0.068	-0.086	-0.037	-0.028	-0.039	-0.010	0.1500
0.2500	0.009	-0.043	-0.019	-0.032	-0.048	-0.022	-0.026	-0.022	-0.040	-0.048	-0.042	-0.063		-0.142		-0.113	0.2500
0.3500	0.019	-0.039	-0.018	-0.050	-0.039	-0.043	-0.044	-0.055	-0.038	-0.067	-0.064	-0.072	-0.076	-0.150	-0.159	-0.136	0.3500
0.4500	-0.001	-0.054	-0.063	-0.099	-0.109	-0.112	-0.116	-0.117	-0.098	-0.130	-0.114	-0.094	-0.089	-0.135	-0.176	-0.167	0.4500
0.5500	0.053	0.022	-0.047	-0.052	-0.079	-0.093	-0.099	-0.110	-0.107	-0.132	-0.137	-0.161	-0.166	-0.179	-0.194	-0.225	0.5500
0.6500	0.144	0.122	0.116	0.096	0.063	0.064	0.040	0.029	0.013	-0.006	-0.039	-0.066	-0.113	-0.099	-0.094	-0.157	0.6500
0.7500	0.262	0.167	0.167	0.170	0.110	0.117	0.099	0.098	0.073	0.050	0.023	-0.015	-0.050	-0.043	-0.039		0.7500
0.8500	0.289	0.202	0.164	0.107	0.090	0.063	0.041	0.043	0.025	-0.004	-0.026	-0.054	-0.068	-0.092	-0.058	-0.060	0.8500
0.9500	0.136	0.070	0.059	-0.039	-0.062	-0.072	-0.088	-0.096	-0.104	-0.129	-0.130	-0.162	-0.141	-0.085	-0.060	-0.038	0.9500
								M = 1.306		α= 15.82							
0.0500	-0.094	-0.140	-0.167	-0.195	-0.114	-0.195	-0.195	-0.203	-0.191	-0.188	-0.151	-0.134	-0.087	-0.039	-0.033	0.000	0.0500
0.1500	-0.068	-0.131	-0.140	-0.077	-0.187	-0.159	-0.132	-0.107	-0.143	-0.105	-0.123	-0.127	-0.052	-0.057	-0.042	-0.023	0.1500
0.2500	0.002	-0.041	-0.069	-0.032	-0.065	-0.079	-0.072	-0.059	-0.097	-0.069	-0.066	-0.092		-0.169		-0.132	0.2500
0.3500	-0.064	-0.083	-0.074	-0.072	-0.086	-0.076	-0.079	-0.091	-0.086	-0.114	-0.116	-0.138	-0.121	-0.169	-0.175	-0.173	0.3500
0.4500	-0.092	-0.123	-0.159	-0.183	-0.183	-0.187	-0.196	-0.180	-0.168	-0.175	-0.139	-0.121	-0.113	-0.150	-0.194	-0.202	0.4500
0.5500	0.004	-0.053	-0.093	-0.126	-0.146	-0.179	-0.178	-0.192	-0.188	-0.202	-0.212	-0.242	-0.246	-0.233	-0.258	-0.298	0.5500
0.6500	0.278	0.195	0.169	-0.057	-0.052	0.067	0.054	0.028	0.019	-0.006	-0.040	-0.067	-0.086	-0.115	-0.133	-0.158	0.6500
0.7500	0.388	0.308	0.279	0.105	0.146	0.164	0.156	0.110	0.112	0.093	0.057	0.026	-0.001	-0.031	-0.048		0.7500
0.8500	0.317	0.202	0.167	0.195	0.115	0.110	0.048	0.053	0.039	0.007	-0.036	-0.083	-0.089	-0.123	-0.103	-0.068	0.8500
0.9500	0.047	-0.009	-0.054	0.026	-0.044	-0.148	-0.170	-0.170	-0.190	-0.203	-0.214	-0.262	-0.245	-0.139	-0.110	-0.091	0.9500
								M = 1.503		α= 03.78							
0.0500	0.084	0.039	0.033	0.005	-0.001	-0.016	-0.022	-0.031	-0.027	-0.036	-0.034	-0.047	-0.046	-0.014	-0.024	-0.026	0.0500
0.1500	0.067	0.027	0.016	0.003	-0.006	-0.013	-0.025	-0.031	-0.028	-0.032	-0.031	-0.042	-0.004	-0.005	-0.021	0.005	0.1500
0.2500	0.061	0.022	0.010	0.005	-0.007	-0.009	-0.026	-0.022	-0.028	-0.028	-0.026	-0.037		-0.106		-0.020	0.2500
0.3500	0.065	0.025	0.011	-0.002	-0.009	-0.009	-0.023	-0.026	-0.028	-0.031	-0.030	-0.040	-0.020	-0.103	-0.104	-0.074	0.3500
0.4500	0.082	0.034	0.018	0.004	-0.007	-0.007	-0.025	-0.027	-0.026	-0.038	-0.038	-0.044	-0.039	-0.093	-0.113	-0.106	0.4500
0.5500	0.112	0.088	0.045	0.020	0.008	0.008	-0.006	-0.019	-0.025	-0.036	-0.037	-0.052	-0.060	-0.072	-0.094	-0.099	0.5500
0.6500	0.144	0.081	0.072	0.037	0.026	0.030	0.010	0.002	-0.018	-0.017	-0.033	-0.042	-0.056	-0.063	-0.089	-0.089	0.6500
0.7500	0.159	0.097	0.085	0.051	0.036	0.035	0.017	0.008	0.007	-0.007	-0.031	-0.023	-0.047	-0.052	-0.068		0.7500
0.8500	0.146	0.086	0.073	0.043	0.028	0.025	0.012	-0.001	-0.002	-0.009	-0.024	-0.029	-0.046	-0.056	-0.050	-0.029	0.8500
0.9500	0.110	0.058	0.058	0.020	0.005	0.007	-0.003	-0.019	-0.021	-0.034	-0.033	-0.048	-0.050	-0.033	-0.043	-0.020	0.9500
								M = 1.704		α= 03.73							
0.0500	0.104	0.059	0.046	0.020	0.008	-0.002	-0.016	-0.022	-0.007	-0.018	-0.033	-0.035	-0.044	-0.023	-0.022	-0.022	0.0500
0.1500	0.081	0.050	0.034	0.019	0.003	-0.001	-0.012	-0.014	-0.010	-0.027	-0.028	-0.039	-0.010	-0.012	-0.024	-0.016	0.1500
0.2500	0.070	0.047	0.031	0.010	0.003	-0.001	-0.008	0.002	-0.010	-0.030	-0.028	-0.033		-0.100		-0.043	0.2500
0.3500	0.076	0.046	0.038	0.011	0.000	-0.004	-0.009	-0.008	-0.007	-0.031	-0.029	-0.033	-0.033	-0.085	-0.095	-0.088	0.3500
0.4500	0.099	0.056	0.042	0.018	0.005	-0.006	-0.013	-0.022	-0.008	-0.024	-0.036	-0.039	-0.049	-0.070	-0.101	-0.099	0.4500
0.5500	0.132	0.129	0.058	0.041	0.022	0.009		-0.010	-0.011	-0.025	-0.031	-0.046	-0.057	-0.066	-0.094	-0.095	0.5500
0.6500	0.165	0.120	0.086	0.054	0.044	0.036	0.022	0.014	-0.003	-0.014	-0.021	-0.035	-0.062	-0.061	-0.065	-0.079	0.6500
0.7500	0.185	0.130	0.107	0.063	0.054	0.042	0.036	0.025	0.011	0.001	-0.014	-0.022	-0.050	-0.059	-0.061		0.7500
0.8500	0.177	0.111	0.090	0.049	0.054	0.037	0.026	0.015	0.013	-0.004	-0.017	-0.021	-0.051	-0.055	-0.058	-0.041	0.8500
0.9500	0.141	0.083	0.070	0.037	0.033	0.014	-0.006	-0.009	-0.006	-0.022	-0.029	-0.036	-0.049	-0.049	-0.036	-0.035	0.9500
								M = 1.905		α= 03.93							
0.0500	0.075	0.037	0.025	0.011	0.004	-0.008	-0.010	-0.012	-0.016	-0.017	-0.024	-0.034	-0.044	-0.023	-0.020	-0.023	0.0500
0.1500	0.062	0.028	0.014	0.004	-0.002	-0.007	-0.007	-0.006	-0.013	-0.015	-0.026	-0.034	-0.011	-0.010	-0.019	-0.030	0.1500
0.2500	0.052	0.025	0.017	0.002	-0.003	0.002	-0.005	-0.006	-0.010	-0.016	-0.022	-0.029		-0.071		-0.051	0.2500
0.3500	0.057	0.025	0.019		-0.005	-0.001	-0.003	-0.007	-0.007	-0.014	-0.020	-0.028	-0.024	-0.079	-0.088	-0.093	0.3500
0.4500	0.074	0.030	0.031	0.005	-0.002	-0.005	-0.010	-0.014	-0.008	-0.023	-0.030	-0.034	-0.037	-0.072	-0.090	-0.095	0.4500
0.5500	0.110	0.113	0.051	0.028	0.016	0.008	0.002	0.003	-0.005	-0.016	-0.029	-0.054	-0.057	-0.061	-0.084	-0.088	0.5500
0.6500	0.154	0.101	0.069	0.047	0.036	0.031	0.029	0.026	0.015	0.004	-0.023	-0.033	-0.043	-0.059	-0.068	-0.080	0.6500
0.7500	0.177	0.115	0.084	0.056	0.051	0.046	0.044	0.035	0.028	0.017	-0.008	-0.026	-0.036	-0.048	-0.059		0.7500
0.8500	0.160	0.097	0.071	0.046	0.035	0.032	0.037	0.018	0.013	0.008	-0.011	-0.032	-0.040	-0.050	-0.058	-0.038	0.8500
0.9500	0.110	0.060	0.053	0.029	0.012	0.010	0.007	-0.007	-0.004	-0.009	-0.023	-0.043	-0.052	-0.039	-0.035	-0.035	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(j) BV_5 - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 2.234 α=-03.73																	
0.0500	0.104	0.061	0.059	0.034	0.030	0.019	0.010	0.007	-0.003	-0.002	-0.023	-0.005	-0.018	-0.003	-0.015	-0.030	0.0500
0.1500	0.138	0.082	0.068	0.052	0.042	0.033	0.031	0.024	0.007	-0.003	-0.020	0.002	-0.028	0.006	-0.028	-0.034	0.1500
0.2500	0.141	0.092	0.078	0.058	0.049	0.043	0.036	0.029	0.011		-0.016	0.003		-0.026		-0.046	0.2500
0.3500	0.130	0.082	0.071	0.048	0.038	0.039	0.034	0.022	0.014	-0.004	-0.010	0.000	0.017	-0.032	-0.061	-0.052	0.3500
0.4500	0.106	0.068	0.049	0.033	0.024	0.022	0.015	0.009	-0.004	-0.011	-0.017	-0.003	-0.025	-0.022	-0.050	-0.049	0.4500
0.5500	0.078	0.128	0.034	0.023	0.013	0.011	0.002	-0.004	-0.002	-0.004	-0.010	-0.009	-0.029	-0.016	-0.045	-0.038	0.5500
0.6500	0.066	0.035	0.025	0.016	0.010	0.010	0.000	0.001	0.011	0.002	-0.005	-0.009	-0.015	-0.008	-0.024	-0.024	0.6500
0.7500	0.063	0.036	0.028	0.016	0.008	0.011	0.003	0.001	0.013	0.008	0.002	-0.005	-0.008	-0.007	-0.015		0.7500
0.8500	0.065	0.039	0.026	0.016	0.010	0.007	0.003	-0.001	0.007	0.005	-0.001	-0.006	-0.008	-0.005	-0.010	0.012	0.8500
0.9500	0.077	0.044	0.042	0.024	0.012	0.008	0.001	0.004	0.007	0.003	-0.002	-0.006	-0.013	-0.011	-0.012	-0.020	0.9500
M = 2.234 α= 00.25																	
0.0500	0.099	0.059	0.050	0.031	0.028	0.019	0.014	0.008	-0.006	-0.006	-0.025	-0.015	-0.024	-0.004	-0.017	-0.020	0.0500
0.1500	0.109	0.060	0.048	0.032	0.027	0.023	0.017	0.010	-0.008	-0.011	-0.024	-0.009	-0.020	0.005	-0.026	-0.028	0.1500
0.2500	0.102	0.060	0.050	0.036	0.028	0.025	0.018	0.012	-0.006	-0.014	-0.021	-0.009		-0.035		-0.043	0.2500
0.3500	0.100	0.059	0.048	0.031	0.026	0.025	0.022	0.012	-0.003	-0.017	-0.021	-0.012	-0.018	-0.042	-0.069	-0.054	0.3500
0.4500	0.099	0.058	0.043	0.030	0.023	0.022	0.014	0.009	-0.007	-0.017	-0.020	-0.013	-0.025	-0.040	-0.057	-0.055	0.4500
0.5500	0.097	0.135	0.041	0.029	0.021	0.020	0.011	0.003	-0.007	-0.008	-0.012	-0.016	-0.029	-0.025	-0.043	-0.044	0.5500
0.6500	0.098	0.051	0.042	0.026	0.022	0.018	0.011	0.004	-0.003	-0.003	-0.010	-0.017	-0.025	-0.020	-0.032	-0.037	0.6500
0.7500	0.099	0.051	0.042	0.027	0.021	0.018	0.011	0.005	0.005	0.000	-0.003	-0.016	-0.020	-0.020	-0.029		0.7500
0.8500	0.099	0.052	0.041	0.027	0.021	0.018	0.009	0.007	0.003	-0.002	-0.007	-0.017	-0.020	-0.021	-0.023	0.005	0.8500
0.9500	0.098	0.054	0.047	0.060	0.020	0.017	0.009	0.007	0.001	-0.003	-0.012	-0.020	-0.020	-0.020	-0.019	-0.020	0.9500
M = 2.235 α= 04.28																	
0.0500	0.078	0.039	0.033	0.013	0.009	0.000	-0.007	-0.009	-0.008	-0.012	-0.033	-0.020	-0.031	-0.002	-0.019	-0.014	0.0500
0.1500	0.075	0.033	0.022	0.012	0.006	0.003	-0.003	-0.009	-0.018	-0.017	-0.028	-0.015	-0.007	0.005	-0.009	-0.013	0.1500
0.2500	0.063	0.033	0.024	0.015	0.009	0.004		-0.007	-0.016	-0.019	-0.020	-0.011		-0.028		-0.036	0.2500
0.3500	0.064	0.032	0.024	0.011	0.005	0.005	0.001	-0.007	-0.010	-0.020	-0.020	-0.013	-0.004	-0.044	-0.063	-0.059	0.3500
0.4500	0.075	0.042	0.027	0.013	0.006	0.002	-0.004	-0.009	-0.015	-0.021	-0.026	-0.016	-0.022	-0.038	-0.055	-0.059	0.4500
0.5500	0.102	0.140	0.042	0.026	0.017	0.013	0.005	-0.002	-0.013	-0.012	-0.017	-0.020	-0.031	-0.031	-0.049	-0.055	0.5500
0.6500	0.134	0.082	0.065	0.044	0.035	0.031	0.022	0.011	0.003	-0.001	-0.008	-0.024	-0.028	-0.028	-0.041	-0.051	0.6500
0.7500	0.151	0.095	0.078	0.056	0.043	0.039	0.027	0.022	0.009	0.006		-0.015	-0.019	-0.023	-0.034		0.7500
0.8500	0.140	0.085	0.068	0.045	0.037	0.030	0.022	0.014	0.012	0.005	-0.002	-0.014	-0.018	-0.029	-0.028	-0.007	0.8500
0.9500	0.108	0.059	0.049	0.026	0.018	0.010	0.010	-0.002	-0.004	-0.006	-0.015	-0.028	-0.024	-0.027	-0.026	-0.024	0.9500
M = 2.224 α= 08.26																	
0.0500	0.050	0.012	0.002	-0.016	-0.019	-0.030	-0.037	-0.039	-0.042	-0.050	-0.048	-0.042	-0.050	-0.026	-0.032	-0.021	0.0500
0.1500	0.043	0.007	-0.002	-0.008	-0.014	-0.017	-0.022	-0.026	-0.046	-0.039	-0.046	-0.035	-0.030	-0.012	-0.037	-0.032	0.1500
0.2500	0.035	0.013	0.010	0.000	-0.005	-0.009	-0.012	-0.017	-0.029	-0.029	-0.033	-0.025		-0.050		-0.063	0.2500
0.3500	0.031	0.005		-0.009	-0.013	-0.012	-0.013	-0.023	-0.022	-0.032	-0.033	-0.025	-0.008	-0.054	-0.075	-0.075	0.3500
0.4500	0.045	0.014	-0.002	-0.019	-0.024	-0.027	-0.032	-0.039	-0.048	-0.047	-0.055	-0.033	-0.037	-0.049	-0.073	-0.076	0.4500
0.5500	0.109	0.141	0.042	0.015	0.004	-0.002	-0.010	-0.019	-0.038	-0.046	-0.046	-0.051	-0.066	-0.059	-0.072	-0.080	0.5500
0.6500	0.194	0.125	0.108	0.069	0.059	0.051	0.040	0.028	-0.007	0.014	-0.027	-0.031	-0.061	-0.046	-0.066	-0.070	0.6500
0.7500	0.235	0.156	0.140	0.098	0.086	0.079	0.069	0.054	0.037	0.027	0.007	-0.020	-0.030	-0.021	-0.041		0.7500
0.8500	0.200	0.127	0.107	0.071	0.063	0.048	0.042	0.029	0.028	0.012	0.000	-0.001	-0.019	-0.035	-0.051	-0.027	0.8500
0.9500	0.117	0.060	0.044	0.016	0.001	-0.003	-0.009	-0.016	-0.013	-0.020	-0.027	-0.019	-0.057	-0.054	-0.047	-0.029	0.9500
M = 2.231 α= 12.29																	
0.0500	0.004	-0.033	-0.040	-0.069	-0.076	-0.088	-0.093	-0.094	-0.105	-0.095	-0.102	-0.072	-0.075	-0.050	-0.052	-0.046	0.0500
0.1500	0.009	-0.026	-0.031	-0.032	-0.037	-0.040	-0.042	-0.045	-0.059	-0.057	-0.082	-0.062	-0.070	-0.036	-0.056	-0.054	0.1500
0.2500	0.007	-0.004	-0.002	-0.014	-0.021	-0.023	-0.025	-0.029	-0.052	-0.039	-0.054	-0.040		-0.060		-0.084	0.2500
0.3500	-0.003	-0.027	-0.028	-0.031	-0.037	-0.037	-0.035	-0.044	-0.040	-0.056	-0.053	-0.061	-0.044	-0.073	-0.095	-0.097	0.3500
0.4500	0.005	-0.024	-0.049	-0.072	-0.077	-0.083	-0.088	-0.094	-0.108	-0.102	-0.088	-0.070	-0.078	-0.073	-0.095	-0.099	0.4500
0.5500	0.111	0.137	0.031	-0.003	-0.015	-0.023	-0.031	-0.043	-0.051	-0.073	-0.078	-0.085	-0.094	-0.093	-0.114	-0.107	0.5500
0.6500	0.252	0.183	0.158	0.109	0.094	0.079	0.072	0.061	0.026	0.001	-0.002	-0.046	-0.044	-0.066	-0.087	-0.077	0.6500
0.7500	0.318	0.246	0.213	0.163	0.145	0.130	0.125	0.107	0.052	0.038	0.054	0.006	-0.004	-0.023	-0.026		0.7500
0.8500	0.252	0.189	0.153	0.116	0.093	0.084	0.075	0.059	0.040	0.049	0.019	-0.011	0.004	-0.032	-0.053	-0.037	0.8500
0.9500	0.111	0.061	0.035	0.004	-0.014	-0.020	-0.031	-0.045	-0.035	-0.046	-0.056	-0.084	-0.052	-0.081	-0.073	-0.053	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(j) BV_5 - Concluded

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 2.227		α = 16.26							
0.0500	-0.034	-0.071	-0.078	-0.108	-0.108	-0.119	-0.124	-0.120	-0.118	-0.123	-0.118	-0.081	-0.095	-0.082	-0.089	-0.071	0.0500
0.1500	-0.020	-0.059	-0.061	-0.069	-0.065	-0.074	-0.073	-0.076	-0.112	-0.097	-0.111	-0.088	-0.094	-0.063	-0.081	-0.073	0.1500
0.2500	-0.007	-0.013	-0.012	-0.026	-0.033	-0.037	-0.042	-0.046	-0.088	-0.078	-0.082	-0.064		-0.080		-0.097	0.2500
0.3500	-0.033	-0.060	-0.055	-0.071	-0.066	-0.068	-0.067	-0.078	-0.077	-0.095	-0.086	-0.087	0.045	-0.094	-0.109	-0.109	0.3500
0.4500	-0.035	-0.063	-0.087	-0.108	-0.113	-0.118	-0.121	-0.118	-0.111	-0.111	-0.104	-0.089	-0.097	-0.090	-0.108	-0.114	0.4500
0.5500	0.114	0.143	0.034	-0.003	-0.013	-0.027	-0.036	-0.048	-0.078	-0.088	-0.092	-0.096	-0.105	-0.100	-0.119	-0.121	0.5500
0.6500	0.318	0.245	0.209	0.160	0.145	0.125	0.116	0.098	0.068	0.068	0.029	0.012	-0.106	-0.069	-0.084	-0.076	0.6500
0.7500	0.409	0.335	0.295	0.240	0.221	0.201	0.197	0.181	0.137	0.133	0.103	0.065	0.011	-0.021	-0.035		0.7500
0.8500	0.319	0.251	0.212	0.168	0.145	0.130	0.125	0.096	0.084	0.061	0.042	0.017	0.004	0.004	-0.019	-0.038	0.8500
0.9500	0.119	0.068	0.037	0.000	-0.014	-0.022	-0.033	-0.047	-0.054	-0.068	-0.063	-0.097	-0.093	-0.080	-0.078	-0.072	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued

(k) BV_5C $\delta = -0.1°$

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 0.692 α=-04.38																	
0.0500	0.054	0.058	-0.003	-0.105	-0.050	-0.032	-0.064	-0.065	-0.069	-0.073	-0.073	-0.065	-0.047	-0.048	-0.026	0.044	0.0500
0.1500	0.095	0.094	0.049	-0.037	-0.015	-0.046	-0.051	-0.062	-0.058	-0.064	-0.065	-0.061	-0.013	-0.053	-0.025	0.054	0.1500
0.2500	0.121	0.085	0.049	-0.016	-0.021	-0.035	-0.046	-0.052	-0.052	-0.064	-0.065	-0.061		-0.159		0.055	0.2500
0.3500	0.115	0.089	0.050	-0.017	-0.018	-0.028	-0.046	-0.046	-0.054	-0.068	-0.072	-0.065	-0.124	-0.119	-0.058	0.040	0.3500
0.4500	0.075	0.085	0.052	-0.071	-0.016	-0.036	-0.054	-0.056	-0.069	-0.074	-0.078	-0.075	-0.093	-0.087	-0.064	0.037	0.4500
0.5500	0.039	-0.039	-0.104	-0.148	-0.011	-0.050	-0.065	-0.065	-0.069	-0.080	-0.072	-0.090	-0.096	-0.071	-0.035	0.036	0.5500
0.6500	0.015	-0.051	-0.101	-0.131	-0.050	-0.058	-0.068	-0.067	-0.072	-0.077	-0.072	-0.077	-0.073	-0.061	-0.024	0.039	0.6500
0.7500	0.004	-0.058	-0.093	-0.097	-0.070	-0.065	-0.070	-0.070	-0.072	-0.076	-0.070	-0.070	-0.063	-0.043	-0.017		0.7500
0.8500	0.007	-0.064	-0.096	-0.105	-0.064	-0.062	-0.068	-0.067	-0.073	-0.075	-0.075	-0.070	-0.060	-0.040	-0.015	0.042	0.8500
0.9500	0.008	-0.063	-0.105	-0.151	-0.026	-0.055	-0.073	-0.068	-0.072	-0.077	-0.074	-0.072	-0.055	-0.040	-0.015	0.043	0.9500
M = 0.700 α=-00.25																	
0.0500	0.073	0.045	-0.012	-0.079	-0.052	0.000	-0.038	-0.043	-0.051	-0.055	-0.057	-0.041	-0.017	-0.009	0.006	0.071	0.0500
0.1500	0.067	0.033	-0.018	-0.078	-0.002	-0.033	-0.048	-0.042	-0.052	-0.056	-0.055	-0.037	0.012	-0.013	0.007	0.075	0.1500
0.2500	0.067	0.027	-0.011	-0.054	-0.025	-0.032	-0.043	-0.045	-0.052	-0.060	-0.058	-0.041		-0.132		0.068	0.2500
0.3500	0.068	0.027	-0.011	-0.051	-0.032	-0.030	-0.045	-0.043	-0.049	-0.058	-0.060	-0.044	-0.103	-0.104	-0.049	0.044	0.3500
0.4500	0.070	0.034	-0.025	-0.104	-0.011	-0.031	-0.045	-0.045	-0.051	-0.057	-0.059	-0.050	-0.074	-0.074	-0.063	0.046	0.4500
0.5500	0.071	0.056	-0.005	-0.111	0.006	-0.030	-0.044	-0.046	-0.045	-0.055	-0.049	-0.066	-0.081	-0.063	-0.026	0.050	0.5500
0.6500	0.074	0.037	0.004	-0.064	-0.004	-0.060	-0.044	-0.041	-0.042	-0.051	-0.050	-0.054	-0.056	-0.050	-0.015	0.057	0.6500
0.7500	0.075	0.034	-0.001	-0.044	-0.027	-0.033	-0.042	-0.041	-0.046	-0.052	-0.050	-0.054	-0.049	-0.033	-0.007		0.7500
0.8500	0.073	0.031	-0.001	-0.042	-0.032	-0.032	-0.044	-0.041	-0.048	-0.050	-0.054	-0.050	-0.043	-0.024		0.063	0.8500
0.9500	0.070	0.039	-0.001	-0.101	-0.023	-0.032	-0.046	-0.041	-0.049	-0.053	-0.050	-0.051	-0.034	-0.022	0.005	0.067	0.9500
M = 0.696 α= 03.78																	
0.0500	0.000	-0.034	-0.118	-0.166	-0.080	-0.053	-0.054	-0.060	-0.072	-0.075	-0.076	-0.068	-0.032	-0.023		0.055	0.0500
0.1500	0.014	-0.062	-0.117	-0.137	-0.033	-0.055	-0.066	-0.064	-0.074	-0.077	-0.072	-0.065	0.002	-0.025	-0.001	0.052	0.1500
0.2500	0.000	-0.062	-0.100	-0.105	-0.057	-0.060	-0.069	-0.068	-0.072	-0.078	-0.075	-0.065		-0.152		0.041	0.2500
0.3500	-0.003	-0.064	-0.095	-0.109	-0.068	-0.065	-0.071	-0.068	-0.072	-0.080	-0.078	-0.068	-0.118	-0.126	-0.070	0.014	0.3500
0.4500	-0.001	-0.071	-0.112	-0.155	-0.061	-0.056	-0.070	-0.068	-0.072	-0.077	-0.078	-0.077	-0.089	-0.101	-0.080	0.012	0.4500
0.5500	0.015	0.042	0.076	-0.155	-0.009	-0.048	-0.062	-0.065	-0.070	-0.081	-0.075	-0.095	-0.108	-0.099	-0.065	0.015	0.5500
0.6500	0.060	0.101	0.076	-0.072	-0.009	-0.043	-0.055	-0.054	-0.059	-0.068	-0.069	-0.081	-0.084	-0.085	-0.052	0.026	0.6500
0.7500	0.105	0.088	0.056	-0.020	-0.015	-0.031	-0.046	-0.046	-0.053	-0.062	-0.065	-0.072	-0.072	-0.057	-0.037		0.7500
0.8500	0.111	0.090	0.057	-0.017	-0.017	-0.024	-0.040	-0.042	-0.063	-0.068	-0.078	-0.074	-0.068	-0.047	-0.024	0.048	0.8500
0.9500	0.074	0.090	0.058	-0.055	-0.015	-0.038	-0.050	-0.054	-0.074	-0.080	-0.081	-0.080	-0.055	-0.034	-0.006	0.056	0.9500
M = 0.695 α= 07.76																	
0.0500	-0.047	-0.197	-0.209	-0.211	-0.031	-0.061	-0.089	-0.081	-0.093	-0.093	-0.090	-0.077	-0.039	-0.026	-0.003	0.050	0.0500
0.1500	-0.051	-0.182	-0.195	-0.166	-0.069	-0.081	-0.089	-0.086	-0.093	-0.094	-0.087	-0.072	-0.005	-0.024	0.000	0.048	0.1500
0.2500	-0.061	-0.164	-0.190	-0.143	-0.089	-0.080	-0.087	-0.085	-0.085	-0.093	-0.086	-0.074		-0.147		0.034	0.2500
0.3500	-0.054	-0.159	-0.185	-0.151	-0.087	-0.079	-0.084	-0.085	-0.086	-0.096	-0.090	-0.076	-0.116	-0.128	-0.073	0.003	0.3500
0.4500	-0.055	-0.227	-0.255	-0.221	-0.051	-0.074	-0.087	-0.087	-0.089	-0.092	-0.092	-0.085	-0.099	-0.118	-0.100	-0.009	0.4500
0.5500	0.014	0.183	0.158	-0.049	-0.011	-0.071	-0.083	-0.086	-0.087	-0.099	-0.096	-0.122	-0.139	-0.140	-0.110	-0.026	0.5500
0.6500	0.109	0.177	0.126	-0.033	0.003	-0.030	-0.052	-0.046	-0.052	-0.065	-0.071	-0.086	-0.094	-0.104	-0.073	0.006	0.6500
0.7500	0.154	0.170	0.127	0.026	0.007	-0.010	-0.036	-0.035	-0.031	-0.040	-0.049	-0.059	-0.065	-0.057	-0.040		0.7500
0.8500	0.156	0.158	0.125	0.027	0.008	-0.023	-0.025	-0.031	-0.059	-0.068	-0.082	-0.083	-0.079	-0.061	-0.039	0.042	0.8500
0.9500	0.046	0.166	0.139	-0.043	-0.001	-0.054	-0.043	-0.069	-0.095	-0.101	-0.104	-0.108	-0.081	-0.052	-0.020	0.053	0.9500
M = 0.697 α= 11.74																	
0.0500	-0.100	-0.367	-0.309	-0.256	-0.016	-0.105	-0.108	-0.100	-0.115	-0.114	-0.112	-0.098	-0.053	-0.032	-0.001	0.051	0.0500
0.1500	-0.121	-0.254	-0.301	-0.197	-0.077	-0.102	-0.111	-0.107	-0.116	-0.113	-0.096	-0.075	-0.008	-0.037	-0.014	0.036	0.1500
0.2500	-0.095	-0.229	-0.273	-0.182	-0.095	-0.086	-0.097	-0.104	-0.109	-0.113	-0.100	-0.079		-0.149		0.032	0.2500
0.3500	-0.107	-0.260	-0.293	-0.190	-0.097	-0.086	-0.098	-0.098	-0.110	-0.114	-0.099	-0.078	-0.118	-0.141	-0.091	-0.019	0.3500
0.4500	-0.127	-0.441	-0.391	-0.258	-0.044	-0.095	-0.105	-0.102	-0.110	-0.110	-0.110	-0.102	-0.113	-0.143	-0.130	-0.032	0.4500
0.5500	-0.062	0.243	0.242	0.019	0.007	-0.064	-0.100	-0.101	-0.121	-0.138	-0.138	-0.167	-0.185	-0.199	-0.167	-0.083	0.5500
0.6500	0.184	0.235	0.199	0.037	0.027	-0.009	-0.036	-0.033	-0.048	-0.063	-0.071	-0.090	-0.104	-0.120	-0.090	-0.013	0.6500
0.7500	0.245	0.249	0.217	0.085	0.060	0.041	0.013	0.003	-0.002	-0.011	-0.022	-0.038	-0.047	-0.046	-0.029		0.7500
0.8500	0.202	0.253	0.205	0.099	0.035	0.003	-0.032	-0.017	-0.056	-0.067	-0.087	-0.089	-0.091	-0.074	-0.050	0.038	0.8500
0.9500	-0.013	0.240	0.224	0.049	0.005	-0.074	-0.093	-0.100	-0.128	-0.140	-0.147	-0.157	-0.128	-0.091	-0.050	0.034	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(k) BV_5C $\delta = -0.1°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 0.695		α = 15.67							
0.0500	-0.237	-0.640	-0.455	-0.322	-0.008	-0.080	-0.108	-0.124	-0.115	-0.119	-0.121	-0.103	-0.050	-0.017	0.011	0.068	0.0500
0.1500	-0.244	-0.407	-0.389	-0.279	-0.070	-0.110	-0.118	-0.115	-0.120	-0.115	-0.093	-0.067	-0.038	-0.055	-0.019	0.043	0.1500
0.2500	-0.195	-0.337	-0.373	-0.217	-0.102	-0.108	-0.117	-0.118	-0.124	-0.127	-0.100	-0.058		-0.138		0.015	0.2500
0.3500	-0.106	-0.396	-0.397	-0.229	-0.105	-0.113	-0.126	-0.122	-0.118	-0.114	-0.093	-0.067	-0.139	-0.165	-0.103	-0.032	0.3500
0.4500	-0.212	-0.577	-0.565	-0.338	-0.040	-0.102	-0.117	-0.113	-0.112	-0.122	-0.123	-0.110	-0.122	-0.149	-0.141	-0.048	0.4500
0.5500	-0.183	0.304	0.331	0.076	-0.012	-0.084	-0.119	-0.132	-0.151	-0.173	-0.179	-0.216	-0.235	-0.257	-0.228	-0.146	0.5500
0.6500	0.220	0.303	0.278	0.133	0.058	-0.011	-0.026	-0.050	-0.030	-0.047	-0.052	-0.078	-0.096	-0.114	-0.093	-0.018	0.6500
0.7500	0.387	0.297	0.327	0.168	0.110	0.055	0.049	0.033	0.060	0.042	0.037	0.014	-0.002	-0.004	0.005		0.7500
0.8500	0.236	0.297	0.282	0.120	0.074	0.026	-0.008	-0.013	-0.041	-0.051	-0.076	-0.079	-0.086	-0.066	-0.044	0.042	0.8500
0.9500	-0.091	0.314	0.311	0.083	0.033	-0.077	-0.114	-0.128	-0.166	-0.179	-0.190	-0.205	-0.172	-0.121	-0.073	0.019	0.9500
								M = 0.901		α = 03.83							
0.0500	0.054	-0.030	-0.089	-0.223	-0.011	-0.038	-0.055	-0.059	-0.080	-0.085	-0.085	-0.072	-0.032	-0.024	0.003	0.069	0.0500
0.1500	0.043	-0.029	-0.098	-0.179	-0.025	-0.049	-0.065	-0.061	-0.080	-0.084	-0.081	-0.066	0.001	-0.028	-0.002	0.069	0.1500
0.2500	0.036	-0.034	-0.088	-0.148	-0.035	-0.050	-0.065	-0.063	-0.077	-0.086	-0.082	-0.066		-0.166		0.060	0.2500
0.3500	0.037	-0.036	-0.094	-0.159	-0.032	-0.046	-0.065	-0.061	-0.076	-0.085	-0.085	-0.068	-0.116	-0.144	-0.075	0.034	0.3500
0.4500	0.044	-0.042	-0.133	-0.187	0.002	-0.041	-0.062	-0.062	-0.079	-0.084	-0.085	-0.076	-0.090	-0.113	-0.079	0.031	0.4500
0.5500	0.076	0.131	0.108	-0.147	0.034	-0.036	-0.057	-0.059	-0.071	-0.083	-0.080	-0.093	-0.107	-0.109	-0.069	0.035	0.5500
0.6500	0.132	0.122	0.093	-0.058	0.011	-0.027	-0.050	-0.049	-0.057	-0.069	-0.072	-0.079	-0.084	-0.089	-0.055	0.048	0.6500
0.7500	0.140	0.125	0.086	-0.024	0.004	-0.016	-0.040	-0.068	-0.053	-0.062	-0.065	-0.073	-0.073	-0.061	-0.035		0.7500
0.8500	0.135	0.120	0.089	-0.031	0.003	-0.028	-0.048	-0.041	-0.065	-0.070	-0.079	-0.077	-0.069	-0.051	-0.021	0.069	0.8500
0.9500	0.089	0.131	0.101	-0.098	0.023	-0.064	-0.058	-0.056	-0.077	-0.084	-0.084	-0.084	-0.057	-0.036	-0.002	0.071	0.9500
								M = 0.952		α = 03.87							
0.0500	0.066	-0.009	-0.072	-0.186	-0.023	-0.020	-0.064	-0.063	-0.089	-0.094	-0.100	-0.083	-0.030	-0.030	0.006	0.088	0.0500
0.1500	0.053	-0.010	-0.077	-0.154	-0.101	-0.033	-0.070	-0.067	-0.090	-0.095	-0.094	-0.077	0.005	-0.035	0.001	0.086	0.1500
0.2500	0.050	-0.014	-0.076	-0.143	-0.227	-0.029	-0.071	-0.068	-0.086	-0.096	-0.095	-0.075		-0.196		0.079	0.2500
0.3500	0.051	-0.012	-0.076	-0.159	-0.147	-0.028	-0.071	-0.069	-0.084	-0.098	-0.096	-0.078	-0.108	-0.172	-0.067	0.055	0.3500
0.4500	0.059	-0.016	-0.116	-0.183	-0.061	-0.028	-0.068	-0.072	-0.086	-0.096	-0.097	-0.085	-0.085	-0.140	-0.078	0.053	0.4500
0.5500	0.097	0.113	0.114	-0.076	-0.009	-0.028	-0.064	-0.067	-0.075	-0.092	-0.089	-0.102	-0.103	-0.132	-0.072	0.059	0.5500
0.6500	0.127	0.141	0.098	-0.031	-0.018	-0.028	-0.057	-0.055	-0.061	-0.079	-0.081	-0.089	-0.081	-0.108	-0.061	0.070	0.6500
0.7500	0.157	0.132	0.094	-0.021	-0.065	-0.019	-0.045	-0.047	-0.056	-0.073	-0.075	-0.085	-0.071	-0.076	-0.038		0.7500
0.8500	0.147	0.130	0.091	-0.023	-0.062	-0.019	-0.049	-0.046	-0.067	-0.081	-0.089	-0.089	-0.068	-0.063	-0.019	0.093	0.8500
0.9500	0.104	0.139	0.118	-0.067	-0.036	-0.028	-0.055	-0.060	-0.081	-0.092	-0.093	-0.097	-0.054	-0.045	-0.001	0.089	0.9500
								M = 1.059		α = 04.03							
0.0500	0.092	0.066	0.018	0.057	0.061	0.076	0.048	0.025	-0.028	-0.061	-0.098	-0.073	-0.042	-0.057	-0.088	0.007	0.0500
0.1500	0.082	0.043	0.005	-0.052	-0.009	0.063	0.030	0.008	-0.036	-0.069	-0.092	-0.073	-0.002	-0.057	-0.093	0.009	0.1500
0.2500	0.078	0.040	0.017	-0.015	-0.084	0.067	0.026		-0.038	-0.070	-0.088	-0.074		-0.213		-0.008	0.2500
0.3500	0.078	0.038	0.013	-0.026	-0.120	0.067	0.026	0.001	-0.030	-0.072	-0.091	-0.071	-0.094	-0.184	-0.198	-0.050	0.3500
0.4500	0.077	0.038	-0.012	-0.035	-0.044	0.066	0.030	0.001	-0.024	-0.066	-0.094	-0.070	-0.077	-0.159	-0.200	-0.076	0.4500
0.5500	0.106	0.127	0.140	0.021	0.081	0.066	0.036	0.011	-0.018	-0.062	-0.091	-0.085	-0.098	-0.146	-0.171	-0.108	0.5500
0.6500	0.154	0.209	0.170	0.079	0.006	0.069	0.049	0.022		-0.046	-0.084	-0.080	-0.073	-0.123	-0.146	-0.119	0.6500
0.7500	0.164	0.182	0.164	0.102	-0.032	0.078	0.065	0.040	0.006	-0.036	-0.079	-0.082	-0.068	-0.093	-0.123		0.7500
0.8500	0.183	0.182	0.165	0.099	-0.036	0.081	0.071	0.041	-0.006	-0.047	-0.091	-0.083	-0.073	-0.085	-0.110	-0.033	0.8500
0.9500	0.145	0.183	0.176	0.074	0.046	0.070	0.054	0.020	-0.023	-0.062	-0.096	-0.085	-0.067	-0.072	-0.092	0.002	0.9500
								M = 1.100		α = 04.03							
0.0500	0.062	0.084	0.023	0.054	0.063	0.051	0.007	0.008	0.022	0.033	0.003	-0.059	-0.033	-0.007	-0.027	0.064	0.0500
0.1500	0.117	0.069	0.032	-0.054	-0.023	-0.014	0.016	0.024	0.014	0.020	0.005	-0.054	0.025	-0.017	-0.033	0.064	0.1500
0.2500	0.110	0.064	0.042	-0.031	-0.131	0.013	0.020	0.020	0.011	0.011	0.005	-0.052		-0.157		0.047	0.2500
0.3500	0.110	0.060	0.040	-0.030	-0.121	0.064	0.023	0.023	0.021	0.007	0.005	-0.054	-0.063	-0.126	-0.137		0.3500
0.4500	0.112	0.056	0.032	-0.042	-0.120	0.002	0.018	0.020	0.026	0.018	0.010	-0.059	-0.059	-0.096	-0.131	-0.019	0.4500
0.5500	0.140	0.186	0.132	-0.051	0.048	0.002	0.009	0.021	0.027	0.028	0.015	-0.074	-0.110	-0.085	-0.098	-0.041	0.5500
0.6500	0.177	0.205	0.196	0.093	0.035	0.015	0.008	0.024	0.032	0.050	0.023	-0.058	-0.099	-0.061	-0.071	-0.049	0.6500
0.7500	0.206	0.199	0.181	0.121	-0.034	0.028	0.013	0.028	0.033	0.057	0.031	-0.049	-0.096	-0.025	-0.052		0.7500
0.8500	0.202	0.197	0.184	0.130	-0.027	0.021	0.009	0.030	0.025	0.051	0.017	-0.056	-0.099	-0.016	-0.041	0.031	0.8500
0.9500	0.154	0.204	0.195	0.091	-0.034	0.006	0.005	0.021	0.018	0.038	0.008	-0.068	-0.080	-0.010	-0.028	0.061	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(k) BV_5C $\delta = -0.1°$ - Continued

	Fraction of body length, x/l																
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 1.302		α=-04.08								
0.0500	0.091	0.140	0.125	0.085	0.006	-0.009	-0.014	-0.008	-0.014	-0.025	-0.039	-0.058	-0.046	-0.034	-0.062	-0.034	0.0500
0.1500	0.141	0.138	0.130	0.090	0.001	0.010	-0.015	-0.008	-0.015	-0.023	-0.037	-0.043	0.011	-0.050	-0.062	-0.058	0.1500
0.2500	0.154	0.135	0.127	0.091	0.041	0.011	-0.007	-0.007	-0.007	-0.025	-0.037	-0.040		-0.159		-0.065	0.2500
0.3500	0.169	0.133	0.127	0.096	0.010	0.022	-0.003	-0.006	-0.007	-0.024	-0.045	-0.042	-0.055	-0.118	-0.130	-0.117	0.3500
0.4500	0.123	0.141	0.137	0.087	0.005	0.015	-0.011	-0.008	-0.016	-0.032	-0.045	-0.055	-0.045	-0.089	-0.122	-0.072	0.4500
0.5500	0.102	0.055	0.001	-0.025	-0.014	0.008	-0.020	-0.013	-0.018	-0.038	-0.041	-0.051	-0.063	-0.068	-0.081	-0.038	0.5500
0.6500	0.080	0.022	0.001	-0.025	-0.087	-0.008	-0.007	-0.020	-0.024	-0.030	-0.039	-0.050	-0.051	-0.060	-0.065	-0.019	0.6500
0.7500	0.078	0.022	0.003	-0.025	-0.083	-0.027	0.001	-0.019	-0.027	-0.034	-0.037	-0.047	-0.050	-0.041	-0.049		0.7500
0.8500	0.077	0.020	0.002	-0.026	-0.091	-0.025	0.000	-0.011	-0.028	-0.036	-0.039	-0.049	-0.054	-0.033	-0.044	0.003	0.8500
0.9500	0.082	0.019	0.003	-0.028	-0.049	-0.003	-0.016	-0.010	-0.025	-0.036	-0.039	-0.056	-0.053	-0.026	-0.046	-0.001	0.9500
							M = 1.303		α=-00.25								
0.0500	0.087	0.099	0.080	0.030	0.009	-0.005	0.006	-0.006	-0.003	-0.020	-0.034	-0.051	-0.038	-0.019	-0.041	-0.001	0.0500
0.1500	0.116	0.084	0.064	0.028	-0.033	0.021	-0.014	-0.006	-0.015	-0.024	-0.038	-0.045	0.016	-0.027	-0.041	-0.018	0.1500
0.2500	0.123	0.077	0.065	0.035	-0.027	-0.003	-0.009	-0.007	-0.017	-0.031	-0.042	-0.043		-0.160		-0.026	0.2500
0.3500	0.126	0.077	0.063	0.033	-0.022	-0.002	-0.005	-0.008	-0.009	-0.025	-0.044	-0.044	-0.047	-0.121	-0.133	-0.102	0.3500
0.4500	0.124	0.079	0.064	0.026	-0.022	0.009	-0.013	-0.010	-0.004	-0.022	-0.043	-0.047	-0.041	-0.088	-0.126	-0.095	0.4500
0.5500	0.123	0.093	0.064	0.023	0.002	0.023	-0.018	-0.008	-0.015	-0.032	-0.030	-0.052	-0.063	-0.061	-0.086	-0.070	0.5500
0.6500	0.123	0.090	0.065	0.029	-0.044	0.012	-0.009	-0.008	-0.013	-0.030	-0.037	-0.048	-0.051	-0.053	-0.070	-0.039	0.6500
0.7500	0.115	0.079	0.064	0.029	-0.050	-0.020	0.004	-0.005	-0.019	-0.028	-0.031	-0.051	-0.053	-0.038	-0.055		0.7500
0.8500	0.112	0.078	0.063	0.031	-0.025	-0.016	0.004	-0.008	-0.023	-0.025	-0.035	-0.051	-0.051	-0.025	-0.045	-0.007	0.8500
0.9500	0.110	0.084	0.059	0.027	-0.037	0.004	-0.006	-0.005	-0.016	-0.029	-0.035	-0.052	-0.051	-0.015	-0.040	0.001	0.9500
							M = 1.302		α= 03.78								
0.0500	0.098	0.050	0.027	-0.035	-0.011	0.006	-0.024	-0.009	-0.009	-0.025	-0.039	-0.053	-0.035	-0.005	-0.029	0.022	0.0500
0.1500	0.087	0.024	0.004	-0.028	-0.072	-0.009	-0.016	-0.011	-0.020	-0.030	-0.038	-0.044	0.018	-0.014	-0.028	0.014	0.1500
0.2500	0.087	0.025	0.007	-0.024	-0.079	-0.039	0.003	-0.014	-0.022	-0.034	-0.038	-0.036		-0.152		-0.003	0.2500
0.3500	0.085	0.027	0.006	-0.027	-0.071	-0.018	0.000	-0.017	-0.014	-0.031	-0.040	-0.042	-0.046	-0.119	-0.131	-0.075	0.3500
0.4500	0.094	0.024	0.003	-0.039	-0.044	0.005	-0.014	-0.019	-0.006	-0.027	-0.048	-0.050	-0.042	-0.083	-0.123	-0.087	0.4500
0.5500	0.110	0.143	0.150	0.057	-0.004	0.012	-0.022	-0.016	-0.015	-0.030	-0.033	-0.054	-0.063	-0.068	-0.099	-0.094	0.5500
0.6500	0.143	0.163	0.132	0.098	0.010	0.025	-0.021	-0.010	-0.009	-0.026	-0.028	-0.045	-0.052	-0.060	-0.080	-0.083	0.6500
0.7500	0.172	0.128	0.133	0.095	0.032	0.011	0.000	-0.004	-0.001	-0.018	-0.020	-0.045	-0.052	-0.044	-0.056		0.7500
0.8500	0.165	0.128	0.133	0.095	0.010	0.018	0.002	-0.002	-0.011	-0.021	-0.035	-0.051	-0.053	-0.031	-0.045	-0.031	0.8500
0.9500	0.133	0.130	0.157	0.092	0.005	0.012	-0.012	-0.007	-0.017	-0.035	-0.036	-0.055	-0.055	-0.009	-0.033	0.018	0.9500
							M = 1.304		α= 07.91								
0.0500	0.047	-0.042	-0.047	-0.081	-0.045	-0.019	-0.036	-0.042	-0.041	-0.048	-0.058	-0.071	-0.047	-0.017	-0.034	0.021	0.0500
0.1500	0.042	-0.049	-0.054	-0.095	-0.092	-0.029	-0.038	-0.036	-0.043	-0.048	-0.059	-0.060	0.008	-0.019	-0.029	0.017	0.1500
0.2500	0.043	-0.033	-0.053	-0.085	-0.144	-0.029	-0.019	-0.036	-0.040	-0.052	-0.054	-0.053		-0.157		-0.001	0.2500
0.3500	0.040	-0.025	-0.053	-0.079	-0.117	-0.022	-0.019	-0.036	-0.033	-0.051	-0.061	-0.056	-0.057	-0.122	-0.133	-0.068	0.3500
0.4500	0.043	-0.062	-0.060	-0.096	-0.143	-0.025	-0.031	-0.038	-0.031	-0.051	-0.062	-0.062	-0.065	-0.105	-0.152	-0.108	0.4500
0.5500	0.072	0.245	0.214	0.182	-0.043	-0.013	-0.044	-0.043	-0.045	-0.061	-0.065	-0.089	-0.100	-0.112	-0.144	-0.157	0.5500
0.6500	0.136	0.192	0.230	0.182	0.022	0.027	-0.046	-0.026	-0.017	-0.033	-0.037	-0.059	-0.063	-0.087	-0.088	-0.113	0.6500
0.7500	0.233	0.192	0.216	0.183	0.077	0.055	-0.013	-0.003	0.007	-0.006	-0.011	-0.040	-0.051	-0.065	-0.055		0.7500
0.8500	0.206	0.194	0.219	0.180	0.118	0.045	-0.004	-0.006	-0.018	-0.029	-0.042	-0.061	-0.076	-0.071	-0.056	-0.059	0.8500
0.9500	0.107	0.200	0.250	0.172	0.045	-0.018	-0.022	-0.031	-0.048	-0.064	-0.072	-0.094	-0.091	-0.042	-0.041	0.003	0.9500
							M = 1.302		α= 11.89								
0.0500	-0.018	-0.125	-0.133	-0.158	-0.098	-0.087	-0.071	-0.085	-0.058	-0.073	-0.087	-0.099	-0.066	-0.028	-0.035	0.012	0.0500
0.1500	-0.005	-0.104	-0.113	-0.144	-0.169	-0.075	-0.060	-0.071	-0.058	-0.070	-0.071	-0.067	-0.007	-0.044	-0.055	-0.044	0.1500
0.2500	0.017	-0.076	-0.095	-0.134	-0.163	-0.041	-0.043	-0.066	-0.064	-0.068	-0.067	-0.059		-0.152		-0.030	0.2500
0.3500	-0.007	-0.092	-0.099	-0.153	-0.174	-0.046	-0.048	-0.060	-0.052	-0.072	-0.066	-0.064	-0.064	-0.145	-0.157	-0.113	0.3500
0.4500	-0.019	-0.151	-0.122	-0.173	-0.114	-0.056	-0.053	-0.063	-0.052	-0.076	-0.080	-0.085	-0.086	-0.131	-0.166	-0.143	0.4500
0.5500	0.076	0.327	0.336	0.260	0.036	-0.050	-0.083	-0.073	-0.084	-0.105	-0.113	-0.140	-0.161	-0.172	-0.187	-0.218	0.5500
0.6500	0.233	0.271	0.308	0.265	0.136	0.023	-0.052	-0.021	-0.013	-0.023	-0.035	-0.061	-0.077	-0.104	-0.101	-0.134	0.6500
0.7500	0.314	0.273	0.307	0.273	0.210	0.115	0.012	0.002	0.037	0.027	0.020	-0.010	-0.022	-0.057	-0.038		0.7500
0.8500	0.249	0.272	0.309	0.270	0.138	0.058	0.025	-0.013	-0.018	-0.029	-0.037	-0.066	-0.084	-0.098	-0.067	-0.086	0.8500
0.9500	0.076	0.289	0.329	0.253	0.033	-0.046	-0.073	-0.077	-0.098	-0.108	-0.115	-0.148	-0.150	-0.085	-0.064	-0.042	0.9500

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TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(k) BV_5C $\delta = -0.1°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 1.302		α = 15.82							
0.0500	-0.086	-0.203	-0.226	-0.257	-0.096	-0.103	-0.127	-0.125	-0.104	-0.108	-0.123	-0.124	-0.075	-0.039	-0.043	0.001	0.0500
0.1500	-0.090	-0.152	-0.171	-0.182	-0.215	-0.094	-0.105	-0.090	-0.085	-0.088	-0.068	-0.086	-0.075	-0.107	-0.091	-0.064	0.1500
0.2500	0.008	-0.090	-0.126	-0.169	-0.212	-0.065	-0.088	-0.083	-0.098	-0.093	-0.074	-0.070		-0.179		-0.128	0.2500
0.3500	-0.059	-0.150	-0.162	-0.184	-0.206	-0.069	-0.087	-0.085	-0.075	-0.095	-0.069	-0.103	-0.129	-0.185	-0.181	-0.162	0.3500
0.4500	-0.069	-0.221	-0.235	-0.264	-0.164	-0.096	-0.128	-0.080	-0.094	-0.109	-0.112	-0.117	-0.093	-0.139	-0.187	-0.178	0.4500
0.5500	-0.031	0.437	0.429	0.346	0.070	-0.089	-0.184	-0.106	-0.151	-0.178	-0.183	-0.201	-0.218	-0.227	-0.244	-0.299	0.5500
0.6500	0.280	0.378	0.394	0.356	0.191	0.076	-0.004	-0.053	-0.014	-0.017	-0.033	-0.059	-0.073	-0.112	-0.121	-0.144	0.6500
0.7500	0.400	0.392	0.397	0.379	0.274	0.147	0.109	0.049	0.059	0.077	0.054	0.028	0.027	-0.020	-0.048		0.7500
0.8500	0.299	0.371	0.400	0.362	0.200	0.110	0.009	-0.030	-0.018	-0.020	-0.041	-0.074	-0.074	-0.121	-0.099	-0.085	0.8500
0.9500	0.055	0.408	0.431	0.350	0.084	-0.070	-0.181	-0.126	-0.161	-0.180	-0.189	-0.211	-0.212	-0.113	-0.092	-0.067	0.9500
								M = 1.501		α = 03.78							
0.0500	0.074	0.030	0.062	-0.001	-0.005	-0.012	0.001	-0.019	-0.014	-0.033	-0.026	-0.045	-0.040	-0.007	-0.029	-0.004	0.0500
0.1500	0.078	0.018	-0.001	-0.024	-0.042	0.013	-0.018	-0.021	-0.021	-0.024	-0.026	-0.038	0.014	-0.009	-0.031	-0.023	0.1500
0.2500	0.066	0.016	0.000	-0.019	-0.056	-0.025	-0.015	-0.015	-0.022	-0.024	-0.030	-0.039		-0.127		-0.036	0.2500
0.3500	0.061	0.016	-0.002	-0.021	-0.058	-0.063	-0.015	-0.014	-0.017	-0.025	-0.031	-0.041	-0.036	-0.098	-0.115	-0.107	0.3500
0.4500	0.060	0.015	-0.005	-0.038	-0.053	-0.005	-0.021	-0.016	-0.013	-0.029	-0.035	-0.041	-0.037	-0.066	-0.100	-0.098	0.4500
0.5500	0.087	0.131	0.128	0.091	-0.043	0.028	-0.012	-0.019	-0.020	-0.033	-0.030	-0.047	-0.055	-0.059	-0.081	-0.092	0.5500
0.6500	0.115	0.106	0.127	0.087	-0.008	0.036	-0.006	-0.015	-0.006	-0.021	-0.032	-0.037	-0.047	-0.052	-0.065	-0.073	0.6500
0.7500	0.147	0.100	0.115	0.086	0.039	0.022	-0.001	-0.006	0.000	-0.012	-0.019	-0.022	-0.037	-0.052	-0.052		0.7500
0.8500	0.148	0.103	0.114	0.084	0.053	0.027	0.002	-0.007	-0.013	-0.017	-0.034	-0.032	-0.047	-0.052	-0.040	-0.042	0.8500
0.9500	0.131	0.114	0.123	0.086	0.001	0.033	-0.002	-0.019	-0.024	-0.040	-0.034	-0.052	-0.047	-0.025	-0.025	-0.008	0.9500
								M = 1.705		α = 03.73							
0.0500	0.063	0.055	0.046	-0.006	-0.009	0.019	0.007	-0.013	0.003	-0.013	-0.019	-0.039	-0.041	-0.018	-0.024	-0.020	0.0500
0.1500	0.107	0.040	0.024	-0.005	-0.029	0.004	-0.008	-0.007	-0.001	-0.022	-0.028	-0.034	0.005	-0.015	-0.031	-0.029	0.1500
0.2500	0.083	0.043	0.021	-0.006	-0.027	-0.015	-0.010	0.007	-0.006	-0.024	-0.029	-0.036		-0.109		-0.046	0.2500
0.3500	0.073	0.046	0.024	-0.009	-0.033	-0.043	-0.012	0.001	0.004	-0.024	-0.026	-0.034	-0.040	-0.091	-0.103	-0.106	0.3500
0.4500	0.078	0.041	0.027	-0.015	-0.046	0.007	-0.005	-0.014	0.006	-0.017	-0.024	-0.034	-0.042	-0.063	-0.088	-0.092	0.4500
0.5500	0.105	0.172	0.101	0.088	-0.024	0.025	-0.006	-0.008	-0.014	-0.019	-0.024	-0.045	-0.058	-0.058	-0.073	-0.085	0.5500
0.6500	0.141	0.177	0.134	0.115	0.029	0.032	0.015	0.008	-0.003	-0.016	-0.020	-0.032	-0.052	-0.060	-0.061	-0.076	0.6500
0.7500	0.176	0.132	0.128	0.097	0.077	0.037	0.022	0.021	0.002	-0.005	-0.003	-0.018	-0.049	-0.055	-0.057		0.7500
0.8500	0.182	0.128	0.133	0.090	0.085	0.039	0.026	0.007	0.007	-0.012	-0.022	-0.028	-0.050	-0.054	-0.047	-0.048	0.8500
0.9500	0.150	0.136	0.133	0.093	0.000	0.032	0.001	-0.007	-0.015	-0.016	-0.028	-0.039	-0.037	-0.033	-0.029	-0.028	0.9500
								M = 1.915		α = 04.03							
0.0500	0.065	0.059	0.043	-0.017	-0.038	0.005	0.012	0.007	-0.009	-0.011	-0.022	-0.028	-0.041	-0.007	-0.020	-0.026	0.0500
0.1500	0.071	0.022	0.009	-0.012	-0.025	-0.021	0.003		-0.006	-0.015	-0.023	-0.020	-0.002	-0.008	-0.022	-0.031	0.1500
0.2500	0.059	0.026	0.014	-0.013	-0.022	-0.026	-0.012	-0.002	-0.001	-0.013	-0.021	-0.022		-0.083		-0.050	0.2500
0.3500	0.059	0.024	0.013	-0.015	-0.025	-0.024	-0.012	-0.004	-0.005	-0.012	-0.023	-0.023	-0.035	-0.071	-0.086	-0.094	0.3500
0.4500	0.067	0.023	0.012	-0.020	-0.051	0.013	0.006	-0.006	-0.003	-0.014	-0.025	-0.024	-0.039	-0.048	-0.076	-0.079	0.4500
0.5500	0.091	0.146	0.122	0.094	-0.008	0.025	0.006	-0.003	0.002	-0.015	-0.018	-0.041	-0.050	-0.048	-0.066	-0.076	0.5500
0.6500	0.128	0.124	0.112	0.088	0.051	0.027	0.018	0.014	0.017	0.003	-0.012	-0.026	-0.040	-0.055	-0.056	-0.073	0.6500
0.7500	0.154	0.116	0.107	0.087	0.072	0.056	0.036	0.024	0.022	0.012	-0.002	-0.024	-0.032	-0.045	-0.057		0.7500
0.8500	0.171	0.115	0.105	0.086	0.074	0.032	0.045	0.021	0.012	0.008	-0.014	-0.028	-0.068	-0.044	-0.053	-0.054	0.8500
0.9500	0.135	0.120	0.144	0.096	0.000	0.028	0.017	0.012	-0.001	-0.008	-0.018	-0.034	-0.042	-0.031	-0.029	-0.029	0.9500
								M = 2.230		α = -03.68							
0.0500	0.091	0.077	0.077	0.039	0.005	-0.002	0.019	0.011	-0.005	-0.007	-0.026	-0.012	-0.029	0.001	-0.024	-0.033	0.0500
0.1500	0.120	0.100	0.097	0.073	0.041	0.028	0.028	0.017	-0.002	-0.009	-0.019	-0.004	-0.019	-0.001	-0.039	-0.043	0.1500
0.2500	0.140	0.091	0.088	0.072	0.063	0.042	0.035	0.026	0.008	-0.009	-0.017	-0.005		-0.039		-0.055	0.2500
0.3500	0.139	0.088	0.081	0.071	0.063	0.050	0.034	0.023	0.005	-0.012	-0.018	-0.011	-0.027	-0.037	-0.056	-0.063	0.3500
0.4500	0.107	0.101	0.085	0.072	0.004	0.031	0.025	0.016	-0.007	-0.012	-0.021	-0.012	-0.031	-0.022	-0.048	-0.045	0.4500
0.5500	0.080	0.107	0.040	0.013	-0.028	0.021	0.015	0.007	0.002	-0.001	-0.007	-0.017	-0.024	-0.017	-0.032	-0.037	0.5500
0.6500	0.068	0.081	0.024	0.004	-0.028	-0.007	0.005	0.000	0.006	0.003	-0.006	-0.011	-0.016	-0.015	-0.024	-0.029	0.6500
0.7500	0.063	0.031	0.019	0.007	-0.006	-0.013	-0.017	-0.001	0.008	0.002	0.003	-0.012	-0.016	-0.012	-0.019		0.7500
0.8500	0.062	0.033	0.023	0.008	-0.005	-0.017	-0.012	-0.002	0.000	-0.001	-0.006	-0.011	-0.017	-0.018	-0.018	-0.019	0.8500
0.9500	0.071	0.030	0.019	0.006	-0.026		0.008	0.005	0.005	-0.002	-0.006	-0.014	-0.016	-0.016	-0.018	-0.024	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(k) BV_5C $\delta = -0.1°$ - Concluded

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 2.230		α = 00.30								
0.0500	0.098	0.074	0.061	0.045	-0.016	-0.004	0.022	0.014	-0.007	-0.009	-0.023	-0.015	-0.026	-0.002	-0.016	-0.027	0.0500
0.1500	0.102	0.061	0.053	0.034	0.027	0.004	0.020	0.011	-0.011	-0.012	-0.020	-0.012	-0.009	0.003	-0.030	-0.038	0.1500
0.2500	0.108	0.059	0.050	0.039	0.028	0.005	0.012	0.006	-0.003	-0.016	-0.019	-0.015		-0.052		-0.056	0.2500
0.3500	0.099	0.058	0.049	0.037	0.025	0.008	0.008	0.009	-0.002	-0.016	-0.018	-0.015	-0.024	-0.045	-0.065	-0.071	0.3500
0.4500	0.101	0.072	0.056	0.033	-0.008	0.016	0.020	0.012	-0.005	-0.011	-0.020	-0.014	-0.025	-0.030	-0.053	-0.053	0.4500
0.5500	0.098	0.129	0.061	0.032	-0.026	0.024	0.018	0.011	-0.002	-0.003	-0.008	-0.022	-0.026	-0.024	-0.036	-0.042	0.5500
0.6500	0.101	0.057	0.053	0.028	0.000	0.002	0.013	0.007	0.001	0.000	-0.010	-0.017	-0.021	-0.025	-0.033	-0.039	0.6500
0.7500	0.104	0.054	0.050	0.031	0.023	0.015	0.002	0.005	0.005	-0.002	-0.001	-0.020	-0.022	-0.021	-0.030		0.7500
0.8500	0.104	0.054	0.047	0.032	0.024	0.002	0.003	0.003	-0.001	-0.002	-0.009	-0.017	-0.023	-0.027	-0.026	-0.025	0.8500
0.9500	0.100	0.060	0.054	0.033	-0.013	0.018	0.012	0.010	0.003	-0.005	-0.013	-0.019	-0.018	-0.020	-0.020	-0.021	0.9500
							M = 2.227		α = 04.28								
0.0500	0.063	0.020	0.022	-0.005	-0.023	0.005	0.006	-0.004	-0.017	-0.019	-0.034	-0.025	-0.034	-0.005	-0.015	-0.021	0.0500
0.1500	0.072	0.026	0.012	-0.001	-0.029	-0.019	-0.003	-0.013	-0.022	-0.023	-0.027	-0.020	-0.007	0.002	-0.025	-0.031	0.1500
0.2500	0.063	0.028	0.015	-0.001	-0.011	-0.020	-0.022	-0.013	-0.015	-0.022	-0.023	-0.020		-0.056		-0.049	0.2500
0.3500	0.058	0.025	0.015	-0.005	-0.013	-0.025	-0.006	-0.012	-0.015	-0.024	-0.025	-0.022	-0.025	-0.050	-0.067	-0.074	0.3500
0.4500	0.061	0.026	0.013	-0.009	-0.040	0.002	0.004	-0.010	-0.017	-0.021	-0.029	-0.023	-0.031	-0.037	-0.058	-0.062	0.4500
0.5500	0.092	0.179	0.099	0.065	-0.015	0.014	0.010	-0.005	-0.013	-0.013	-0.021	-0.035	-0.036	-0.036	-0.049	-0.058	0.5500
0.6500	0.129	0.086	0.094	0.080	0.044	0.031	0.020	-0.001	-0.001	-0.001	-0.012	-0.024	-0.031	-0.034	-0.044	-0.053	0.6500
0.7500	0.153	0.095	0.089	0.075	0.066	0.056	0.032	0.014	0.013	0.001	0.001	-0.019	-0.025	-0.027	-0.037		0.7500
0.8500	0.148	0.096	0.094	0.077	0.067	0.036	0.028	0.020	-0.001	-0.005	-0.014	-0.024	-0.030	-0.038	-0.039	-0.036	0.8500
0.9500	0.110	0.106	0.115	0.076	0.012	0.020	0.017	0.003	-0.008	-0.012	-0.025	-0.033	-0.031	-0.029	-0.019	-0.023	0.9500
							M = 2.234		α = 08.16								
0.0500	0.044	-0.005	-0.005	0.027	0.004	0.018	-0.005	-0.024	-0.035	-0.037	-0.052	-0.040	-0.049	-0.010	-0.021	-0.028	0.0500
0.1500	0.038	-0.011	-0.033	-0.038	-0.048	-0.025	-0.018	-0.031	-0.038	-0.036	-0.038	-0.027	-0.016	-0.010	-0.035	-0.039	0.1500
0.2500	0.027	-0.005	-0.017	-0.033	-0.043	-0.045	-0.034	-0.039	-0.026	-0.029	-0.030	-0.026		-0.058		-0.051	0.2500
0.3500	0.024	-0.003	-0.007	-0.032	-0.040	-0.050	-0.030	-0.025	-0.028	-0.033	-0.034	-0.030	-0.037	-0.057	-0.076	-0.082	0.3500
0.4500	0.036	-0.015	-0.026	-0.040	-0.050	-0.036	-0.019	-0.036	-0.035	-0.039	-0.045	-0.038	-0.047	-0.049	-0.072	-0.078	0.4500
0.5500	0.070	0.185	0.188	0.145	0.013	0.008	-0.011	-0.029	-0.041	-0.030	-0.041	-0.060	-0.067	-0.061	-0.079	-0.087	0.5500
0.6500	0.159	0.184	0.165	0.138	0.093	0.023	0.003	0.013	0.011	-0.003	-0.040	-0.025	-0.035	-0.043	-0.058	-0.069	0.6500
0.7500	0.200	0.138	0.152	0.129	0.119	0.081	0.067	0.037	0.044	0.024	0.017	-0.004	-0.013	-0.021	-0.037		0.7500
0.8500	0.202	0.144	0.152	0.134	0.123	0.096	0.070	0.042	0.012	-0.003	-0.011	-0.028	-0.034	-0.046	-0.056	-0.060	0.8500
0.9500	0.144	0.152	0.156	0.128	0.059	0.027	0.002	-0.015	-0.036	-0.024	-0.047	-0.060	-0.061	-0.056	-0.033	-0.031	0.9500
							M = 2.230		α = 12.29								
0.0500	0.001	-0.100	-0.063	-0.041	-0.056	0.016	-0.027	-0.059	-0.079	-0.069	-0.093	-0.076	-0.085	-0.041	-0.052	-0.052	0.0500
0.1500	0.002	-0.069	-0.061	-0.069	-0.061	-0.052	-0.045	-0.063	-0.058	-0.051	-0.059	-0.053	-0.066	-0.055	-0.084	-0.079	0.1500
0.2500	0.004	-0.028	-0.028	-0.060	-0.070	-0.063	-0.042	-0.040	-0.045	-0.050	-0.047	-0.036		-0.072		-0.085	0.2500
0.3500	-0.002	-0.027	-0.045	-0.061	-0.072	-0.065	-0.040	-0.056	-0.047	-0.049	-0.051	-0.052	-0.070	-0.086	-0.107	-0.110	0.3500
0.4500	-0.003	-0.045	-0.059	-0.077	-0.065	-0.006	-0.039	-0.061	-0.073	-0.066	-0.080	-0.070	-0.079	-0.075	-0.098	-0.102	0.4500
0.5500	0.106	0.265	0.246	0.185	0.105	0.003	-0.021	-0.054	-0.068	-0.077	-0.089	-0.092	-0.105	-0.103	-0.123	-0.123	0.5500
0.6500	0.252	0.216	0.236	0.202	0.129	0.071	0.083	0.060	0.032	0.015	-0.002	-0.026	-0.032	-0.047	-0.062	-0.076	0.6500
0.7500	0.297	0.217	0.219	0.207	0.193	0.152	0.148	0.115	0.095	0.062	0.054	0.019	0.007	-0.004	-0.020		0.7500
0.8500	0.260	0.206	0.220	0.207	0.186	0.163	0.102	0.061	0.034	0.014	-0.005	-0.028	-0.031	-0.050	-0.062	-0.069	0.8500
0.9500	0.160	0.215	0.230	0.219	0.110	0.048	-0.019	-0.044	-0.065	-0.072	-0.085	-0.095	-0.096	-0.099	-0.081	-0.055	0.9500
							M = 2.231		α = 16.22								
0.0500	-0.038	-0.072	-0.109	-0.117	-0.085	-0.024	-0.073	-0.094	-0.130	-0.130	-0.122	-0.098	-0.096	-0.063	-0.069	-0.066	0.0500
0.1500	-0.035	-0.085	-0.098	-0.086	-0.092	-0.050	-0.074	-0.084	-0.082	-0.072	-0.084	-0.092	-0.103	-0.086	-0.099	-0.092	0.1500
0.2500	-0.020	-0.053	-0.082	-0.084	-0.087	-0.091	-0.049	-0.053	-0.077	-0.079	-0.068	-0.055		-0.102		-0.112	0.2500
0.3500	-0.024	-0.073	-0.048	-0.079	-0.096	-0.075	-0.060	-0.072	-0.069	-0.072	-0.086	-0.102	-0.122	-0.106	-0.119	-0.124	0.3500
0.4500	-0.044	-0.100	-0.083	-0.124	-0.093	-0.040	-0.072	-0.107	-0.136	-0.134	-0.124	-0.101	-0.102	-0.097	-0.115	-0.115	0.4500
0.5500	0.107	0.302	0.327	0.288	0.171	-0.017	-0.047	-0.067	-0.081	-0.094	-0.107	-0.116	-0.127	-0.126	-0.143	-0.136	0.5500
0.6500	0.309	0.265	0.286	0.280	0.262	0.202	0.163	0.122	0.077	0.058	0.026	-0.002	-0.016	-0.032	-0.049	-0.067	0.6500
0.7500	0.396	0.331	0.300	0.292	0.266	0.248	0.231	0.188	0.150	0.136	0.106	0.065	0.050	0.035	0.016		0.7500
0.8500	0.319	0.261	0.291	0.279	0.278	0.218	0.185	0.128	0.084	0.052	0.030	-0.002	-0.011	-0.034	-0.047	-0.063	0.8500
0.9500	0.143	0.278	0.307	0.288	0.184	0.010	-0.036	-0.061	-0.078	-0.095	-0.104	-0.115	-0.117	-0.119	-0.106	-0.087	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(1) B

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 0.700		α=-04.23								
0.0500	0.044	0.005	-0.023	-0.048	-0.054	-0.062	-0.072	-0.069	-0.067	-0.085	-0.086	-0.088	-0.086	-0.064	-0.049	0.021	0.0500
0.1500	0.078	0.032		-0.024	-0.034	-0.042	-0.052	-0.054	-0.067	-0.073	-0.073	-0.078	-0.079	-0.060	-0.040	0.038	0.1500
0.2500	0.101	0.048	0.015	-0.011	-0.024	-0.032	-0.044	-0.045	-0.056	-0.068	-0.070	-0.076	-0.073	-0.055		0.051	0.2500
0.3500	0.086	0.036	0.007	-0.023	-0.037	-0.038	-0.052	-0.054	-0.053	-0.071	-0.072	-0.076	-0.074	-0.054	-0.027	0.047	0.3500
0.4500	0.052	0.001	-0.030	-0.045	-0.056	-0.060	-0.069	-0.070	-0.062	-0.077	-0.082	-0.084	-0.079	-0.062	-0.030	0.042	0.4500
0.5500	0.021		-0.039	-0.060	-0.067	-0.073	-0.080	-0.079	-0.075	-0.088	-0.084	-0.087	-0.080	-0.060	-0.034	0.040	0.5500
0.6500	0.005	-0.029	-0.046	-0.067	-0.069	-0.072	-0.077	-0.077	-0.081	-0.086	-0.081	-0.081	-0.072	-0.054	-0.025	0.040	0.6500
0.7500	0.003	-0.030	-0.046	-0.064	-0.069	-0.068	-0.073	-0.072	-0.079	-0.081	-0.075	-0.074	-0.065	-0.037	-0.012		0.7500
0.8500	0.005	-0.029	-0.047	-0.066	-0.069	-0.071	-0.079	-0.073	-0.078	-0.082	-0.080	-0.072	-0.062	-0.036	-0.013	0.037	0.8500
0.9500	0.015	-0.024	-0.028	-0.065	-0.069	-0.073	-0.080	-0.079	-0.081	-0.090	-0.084	-0.084	-0.071	-0.045	-0.017	0.041	0.9500
							M = 0.700		α=-00.15								
0.0500	0.055	0.018	-0.004	-0.030	-0.038	-0.044	-0.055	-0.049	-0.053	-0.053	-0.060	-0.055	-0.055	-0.035	-0.015	0.045	0.0500
0.1500	0.053	0.016		-0.030	-0.038	-0.044	-0.052	-0.052	-0.055	-0.058	-0.062	-0.054	-0.055	-0.025	-0.006	0.063	0.1500
0.2500	0.057	0.015	-0.014	-0.030	-0.040	-0.044	-0.054	-0.053	-0.055	-0.060	-0.061	-0.053	-0.055	-0.024		0.065	0.2500
0.3500	0.058	0.018	-0.007	-0.033	-0.041	-0.042	-0.053	-0.052	-0.054	-0.063	-0.064	-0.056	-0.054	-0.024	0.003	0.066	0.3500
0.4500	0.059	0.020	-0.014	-0.029	-0.038	-0.043	-0.052	-0.052	-0.051	-0.062	-0.064	-0.056	-0.055	-0.029	-0.001	0.064	0.4500
0.5500	0.064		-0.002	-0.026	-0.034	-0.041	-0.049	-0.050	-0.050	-0.059	-0.058	-0.058	-0.056	-0.032	-0.006	0.064	0.5500
0.6500	0.064	0.020		-0.028	-0.034	-0.040	-0.048	-0.048	-0.047	-0.055	-0.054	-0.059	-0.058	-0.033	-0.010	0.062	0.6500
0.7500	0.066	0.020	0.001	-0.026	-0.037	-0.041	-0.047	-0.048	-0.047	-0.057	-0.055	-0.060	-0.057	-0.031	-0.006		0.7500
0.8500	0.063	0.018	-0.003	-0.030	-0.037	-0.041	-0.052	-0.050	-0.050	-0.056	-0.059	-0.059	-0.054	-0.031	-0.008	0.030	0.8500
0.9500	0.056	0.014	0.010	-0.032	-0.038	-0.043	-0.052	-0.051	-0.051	-0.057	-0.059	-0.060	-0.054	-0.030	-0.006	0.061	0.9500
							M = 0.698		α= 03.68								
0.0500	0.023	-0.013	-0.036	-0.058	-0.063	-0.069	-0.078	-0.073	-0.078	-0.082	-0.086	-0.076	-0.073	-0.038	-0.018	0.049	0.0500
0.1500	0.009	-0.021		-0.059	-0.062	-0.065	-0.072	-0.069	-0.074	-0.076	-0.073	-0.063	-0.059	-0.027	-0.003	0.049	0.1500
0.2500	0.006	-0.022	-0.047	-0.056	-0.061	-0.063	-0.069	-0.065	-0.069	-0.075	-0.071	-0.058	-0.054	-0.022		0.053	0.2500
0.3500	0.011	-0.023	-0.043	-0.063	-0.067	-0.065	-0.073	-0.070	-0.072	-0.080	-0.078	-0.064	-0.060	-0.030	-0.003	0.048	0.3500
0.4500	0.023	-0.013	-0.047	-0.058	-0.064	-0.069	-0.077	-0.075	-0.077	-0.082	-0.087	-0.079	-0.075	-0.044	-0.014	0.051	0.4500
0.5500	0.058		-0.011	-0.040	-0.045	-0.054	-0.064	-0.065	-0.067	-0.080	-0.075	-0.081	-0.079	-0.061	-0.035	0.044	0.5500
0.6500	0.097	0.046	0.019	-0.011	-0.021	-0.029	-0.040	-0.043	-0.047	-0.060	-0.062	-0.073	-0.076	-0.054	-0.031	0.047	0.6500
0.7500	0.117	0.060	0.033	0.002	-0.012	-0.020	-0.029	-0.032	-0.039	-0.052	-0.056	-0.065	-0.066	-0.051	-0.033		0.7500
0.8500	0.097	0.042	0.017	-0.014	-0.024	-0.032	-0.046	-0.046	-0.053	-0.062	-0.074	-0.074	-0.075	-0.055	-0.034	0.047	0.8500
0.9500	0.054	0.008	0.004	-0.045	-0.049	-0.057	-0.067	-0.066	-0.073	-0.078	-0.082	-0.089	-0.079	-0.059	-0.030	0.046	0.9500
							M = 0.698		α= 07.76								
0.0500	-0.042	-0.074	-0.097	-0.113	-0.116	-0.120	-0.129	-0.123	-0.124	-0.124	-0.124	-0.109	-0.094	-0.052	-0.026	0.035	0.0500
0.1500	-0.046	-0.066		-0.090	-0.091	-0.091	-0.094	-0.089	-0.090	-0.091	-0.086	-0.075	-0.070	-0.042	-0.019	0.033	0.1500
0.2500	-0.036	-0.052	-0.067	-0.073	-0.074	-0.075	-0.078	-0.073	-0.072	-0.080	-0.071	-0.059	-0.053	-0.027		0.041	0.2500
0.3500	-0.044	-0.067	-0.078	-0.092	-0.094	-0.089	-0.094	-0.090	-0.088	-0.094	-0.089	-0.076	-0.070	-0.043	-0.018	0.032	0.3500
0.4500	-0.044	-0.076	-0.101	-0.113	-0.118	-0.120	-0.127	-0.125	-0.123	-0.123	-0.125	-0.111	-0.097	-0.058	-0.022	0.037	0.4500
0.5500	0.023		-0.053	-0.077	-0.086	-0.094	-0.104	-0.104	-0.107	-0.122	-0.117	-0.125	-0.121	-0.102	-0.073	0.011	0.5500
0.6500	0.124	0.064	0.038	0.003	-0.012	-0.022	-0.035	-0.038	-0.046	-0.060	-0.068	-0.084	-0.091	-0.071	-0.050	0.032	0.6500
0.7500	0.178	0.113	0.084	0.044	0.026	0.013	-0.002	-0.007	-0.014	-0.032	-0.040	-0.055	-0.061	-0.051	-0.036		0.7500
0.8500	0.129	0.066	0.040	0.001	-0.013	-0.026	-0.040	-0.040	-0.053	-0.065	-0.083	-0.085	-0.091	-0.075	-0.056	0.027	0.8500
0.9500	0.023	-0.023	-0.029	-0.081	-0.087	-0.097	-0.106	-0.108	-0.116	-0.121	-0.124	-0.137	-0.122	-0.102	-0.070	0.012	0.9500
							M = 0.700		α= 11.88								
0.0500	-0.130	-0.159	-0.184	-0.192	-0.192	-0.193	-0.197	-0.187	-0.180	-0.175	-0.164	-0.135	-0.106	-0.063	-0.037	0.026	0.0500
0.1500	-0.106	-0.108		-0.119	-0.116	-0.115	-0.115	-0.109	-0.107	-0.109	-0.102	-0.095	-0.089	-0.057	-0.034	0.023	0.1500
0.2500	-0.064	-0.071	-0.085	-0.086	-0.084	-0.079	-0.080	-0.070	-0.068	-0.079	-0.072	-0.071	-0.069	-0.045		0.028	0.2500
0.3500	-0.108	-0.105	-0.118	-0.119	-0.117	-0.113	-0.113	-0.110	-0.107	-0.112	-0.106	-0.093	-0.089	-0.059	-0.037	0.019	0.3500
0.4500	-0.133	-0.160	-0.181	-0.192	-0.193	-0.192	-0.195	-0.188	-0.180	-0.173	-0.166	-0.137	-0.111	-0.067	-0.030	0.028	0.4500
0.5500	-0.036		-0.117	-0.142	-0.147	-0.157	-0.167	-0.168	-0.168	-0.183	-0.176	-0.182	-0.174	-0.152	-0.120	-0.031	0.5500
0.6500	0.152	0.083	0.053	0.014	-0.003	-0.016	-0.031	-0.037	-0.044	-0.059	-0.069	-0.088	-0.099	-0.083	-0.062	0.021	0.6500
0.7500	0.253	0.176	0.144	0.099	0.076	0.062	0.045	0.036	0.023	0.009	-0.007	-0.027	-0.039	-0.035	-0.023		0.7500
0.8500	0.162	0.089	0.059	0.016	-0.002	-0.017	-0.035	-0.039	-0.050	-0.063	-0.089	-0.094	-0.104	-0.091	-0.074	0.011	0.8500
0.9500	-0.031	-0.083	-0.088	-0.142	-0.148	-0.157	-0.169	-0.169	-0.177	-0.182	-0.185	-0.198	-0.178	-0.155	-0.118	-0.032	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(1) B - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 0.699 α = 15.81																	
0.0500	-0.229	-0.255	-0.285	-0.281	-0.275	-0.270	-0.268	-0.251	-0.237	-0.221	-0.194	-0.148	-0.117	-0.078	-0.050	0.011	0.0500
0.1500	-0.171	-0.137		-0.141	-0.136	-0.136	-0.137	-0.134	-0.134	-0.134	-0.130	-0.121	-0.110	-0.076	-0.051	0.009	0.1500
0.2500	-0.080	-0.077	-0.093	-0.090	-0.086	-0.077	-0.073	-0.069	-0.078	-0.091	-0.088	-0.083	-0.077	-0.049		0.016	0.2500
0.3500	-0.190	-0.119	-0.140	-0.138	-0.136	-0.133	-0.137	-0.132	-0.129	-0.137	-0.135	-0.117	-0.107	-0.076	-0.053	0.015	0.3500
0.4500	-0.227	-0.257	-0.273	-0.279	-0.275	-0.269	-0.265	-0.250	-0.236	-0.217	-0.194	-0.149	-0.125	-0.074	-0.039	0.020	0.4500
0.5500	-0.109		-0.194	-0.218	-0.226	-0.234	-0.242	-0.243	-0.242	-0.257	-0.244	-0.248	-0.236	-0.205	-0.167	-0.075	0.5500
0.6500	0.179	0.105	0.073	0.030	0.012	-0.006	-0.023	-0.031	-0.039	-0.057	-0.065	-0.091	-0.103	-0.089	-0.068	0.013	0.6500
0.7500	0.335	0.250	0.217	0.166	0.142	0.124	0.103	0.091	0.074	0.055	0.037	0.013	-0.004	-0.005	0.002		0.7500
0.8500	0.194	0.114	0.083	0.035	0.014	-0.004	-0.024	-0.031	-0.047	-0.066	-0.086	-0.098	-0.113	-0.103	-0.088	-0.005	0.8500
0.9500	-0.101	-0.154	-0.162	-0.221	-0.223	-0.233	-0.243	-0.246	-0.253	-0.257	-0.256	-0.270	-0.247	-0.216	-0.174	-0.086	0.9500
M = 0.908 α = 03.78																	
0.0500	0.042	0.001	-0.022	-0.057	-0.063	-0.069	-0.084	-0.076	-0.080	-0.079	-0.086	-0.085	-0.085	-0.047	-0.021	0.056	0.0500
0.1500	0.027	-0.008		-0.055	-0.062	-0.068	-0.076	-0.071	-0.081	-0.084	-0.079	-0.073	-0.071	-0.036	-0.004	0.073	0.1500
0.2500	0.026	-0.010	-0.039	-0.055	-0.060	-0.064	-0.073	-0.069	-0.078	-0.082	-0.078	-0.067	-0.062	-0.023		0.069	0.2500
0.3500	0.030	-0.010	-0.034	-0.061	-0.066	-0.065	-0.077	-0.074	-0.073	-0.084	-0.077	-0.065	-0.060	-0.022	0.011	0.074	0.3500
0.4500	0.043	0.003	-0.037	-0.057	-0.064	-0.070	-0.081	-0.079	-0.074	-0.085	-0.090	-0.083	-0.079	-0.030	0.002	0.070	0.4500
0.5500	0.078		-0.003	-0.039	-0.045	-0.054	-0.069	-0.067	-0.076	-0.082	-0.084	-0.086	-0.081	-0.054	-0.022	0.075	0.5500
0.6500	0.116	0.058	0.028	-0.009	-0.022	-0.029	-0.045	-0.044	-0.055	-0.074	-0.074	-0.081	-0.083	-0.055	-0.024	0.074	0.6500
0.7500	0.137	0.073	0.044	0.005	-0.011	-0.019	-0.036	-0.038	-0.044	-0.060	-0.063	-0.074	-0.073	-0.051	-0.023		0.7500
0.8500	0.118	0.056	0.028	-0.011	-0.024	-0.033	-0.049	-0.046	-0.049	-0.062	-0.073	-0.074	-0.079	-0.051	-0.025	0.038	0.8500
0.9500	0.074	0.022	0.019	-0.044	-0.049	-0.057	-0.070	-0.069	-0.072	-0.076	-0.080	-0.089	-0.080	-0.056	-0.025	0.078	0.9500
M = 0.951 α = 04.02																	
0.0500	0.051	0.005	-0.024	-0.065	-0.069	-0.076	-0.095	-0.081	-0.082	-0.087	-0.100	-0.105	-0.103	-0.060	-0.012	0.072	0.0500
0.1500	0.035	-0.005		-0.065	-0.070	-0.074	-0.090	-0.077	-0.091	-0.089	-0.093	-0.094	-0.082	-0.039	0.007	0.081	0.1500
0.2500	0.032	-0.007	-0.041	-0.064	-0.068	-0.071	-0.086	-0.074	-0.084	-0.092	-0.086	-0.087	-0.073	-0.033		0.078	0.2500
0.3500	0.036	-0.007	-0.036	-0.070	-0.074	-0.073	-0.090	-0.079	-0.082	-0.094	-0.090	-0.091	-0.074	-0.028	0.014	0.082	0.3500
0.4500	0.050	0.001	-0.040	-0.067	-0.071	-0.077	-0.096	-0.085	-0.086	-0.088	-0.101	-0.107	-0.092	-0.042	0.006	0.080	0.4500
0.5500	0.089		-0.004	-0.046	-0.052	-0.061	-0.081	-0.073	-0.082	-0.091	-0.099	-0.110	-0.104	-0.067	-0.023	0.084	0.5500
0.6500	0.130	0.065	0.031	-0.011	-0.026	-0.034	-0.055	-0.051	-0.065	-0.083	-0.090	-0.101	-0.103	-0.065	-0.024	0.088	0.6500
0.7500	0.151	0.080	0.047	0.004	-0.014	-0.022	-0.043	-0.041	-0.056	-0.067	-0.080	-0.094	-0.099	-0.060	-0.026		0.7500
0.8500	0.132	0.064	0.032	-0.013	-0.028	-0.037	-0.059	-0.051	-0.062	-0.074	-0.086	-0.093	-0.095	-0.062	-0.028	0.071	0.8500
0.9500	0.086	0.027	0.023	-0.051	-0.053	-0.063	-0.082	-0.077	-0.071	-0.096	-0.101	-0.105	-0.100	-0.066	-0.025	0.092	0.9500
M = 0.999 α = -00.05																	
0.0500	0.118	0.062	0.031	-0.027	-0.056	-0.064	-0.082	-0.081	-0.089	-0.090	-0.112	-0.123	-0.133	-0.127	-0.104	0.026	0.0500
0.1500	0.115	0.060		-0.029	-0.058	-0.065	-0.083	-0.084	-0.084	-0.097	-0.113	-0.127	-0.131	-0.124	-0.091	0.069	0.1500
0.2500	0.118	0.058	0.014	-0.033	-0.059	-0.065	-0.084	-0.085	-0.090	-0.102	-0.114	-0.127	-0.130	-0.120		0.067	0.2500
0.3500	0.119	0.059	0.019	-0.033	-0.061	-0.062	-0.082	-0.085	-0.090	-0.102	-0.115	-0.130	-0.130	-0.123	-0.082	0.068	0.3500
0.4500	0.121	0.061	0.014	-0.029	-0.058	-0.063	-0.081	-0.084	-0.086	-0.088	-0.113	-0.132	-0.131	-0.126	-0.083	0.068	0.4500
0.5500	0.124		0.022	-0.029	-0.053	-0.061	-0.079	-0.082	-0.084	-0.106	-0.110	-0.128	-0.133	-0.129	-0.096	0.069	0.5500
0.6500	0.125	0.063	0.026	-0.023	-0.053	-0.059	-0.075	-0.081	-0.087	-0.106	-0.114	-0.128	-0.135	-0.129	-0.098	0.070	0.6500
0.7500	0.126	0.063	0.027	-0.021	-0.054	-0.061	-0.077	-0.083	-0.087	-0.105	-0.115	-0.129	-0.134	-0.127	-0.103		0.7500
0.8500	0.125	0.060	0.027	-0.023	-0.056	-0.061	-0.078	-0.080	-0.089	-0.106	-0.117	-0.128	-0.134	-0.128	-0.102	0.065	0.8500
0.9500	0.119	0.059	0.049	-0.030	-0.056	-0.062	-0.079	-0.087	-0.088	-0.105	-0.120	-0.131	-0.132	-0.128	-0.097	0.075	0.9500
M = 0.999 α = 03.93																	
0.0500	0.091	0.036	0.007	-0.047	-0.072	-0.077	-0.096	-0.094	-0.089	-0.097	-0.116	-0.130	-0.133	-0.121	-0.071	0.018	0.0500
0.1500	0.075	0.026		-0.048	-0.074	-0.076	-0.092	-0.089	-0.091	-0.101	-0.117	-0.123	-0.120	-0.105	-0.043	0.082	0.1500
0.2500	0.073	0.024	-0.016	-0.049	-0.072	-0.073	-0.089	-0.086	-0.094	-0.103	-0.107	-0.118	-0.112	-0.096		0.080	0.2500
0.3500	0.078	0.025	-0.009	-0.054	-0.078	-0.075	-0.092	-0.091	-0.091	-0.105	-0.110	-0.118	-0.115	-0.096	-0.030	0.083	0.3500
0.4500	0.092	0.034	-0.014	-0.050	-0.074	-0.078	-0.095	-0.096	-0.093	-0.094	-0.119	-0.134	-0.125	-0.112	-0.047	0.080	0.4500
0.5500	0.126		0.022	-0.028	-0.054	-0.061	-0.081	-0.087	-0.092	-0.110	-0.116	-0.135	-0.137	-0.130	-0.091	0.087	0.5500
0.6500	0.163	0.091	0.052	0.005	-0.028	-0.036	-0.055	-0.063	-0.075	-0.095	-0.107	-0.124	-0.136	-0.130	-0.109	0.095	0.6500
0.7500	0.183	0.107	0.068	0.017	-0.016	-0.026	-0.045	-0.056	-0.066	-0.086	-0.102	-0.118	-0.127	-0.126	-0.114		0.7500
0.8500	0.165	0.091	0.055	0.003	-0.030	-0.038	-0.058	-0.060	-0.072	-0.093	-0.101	-0.122	-0.132	-0.126	-0.116	0.015	0.8500
0.9500	0.123	0.057	0.051	-0.033	-0.056	-0.062	-0.082	-0.091	-0.093	-0.111	-0.119	-0.138	-0.138	-0.130	-0.104	0.100	0.9500

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TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(1) B - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 1.045 α = 03.98																	
0.0500	0.097	0.053	0.051	0.027	0.019	0.015	-0.016	-0.033	-0.050	-0.061	-0.096	-0.103	-0.119	-0.117	-0.123	-0.051	0.0500
0.1500	0.083	0.044		0.028	0.016	0.016	-0.013	-0.033	-0.052	-0.070	-0.088	-0.099	-0.112	-0.106	-0.111	0.006	0.1500
0.2500	0.081	0.041	0.028	0.027	0.017	0.018	-0.012	-0.031	-0.055	-0.072	-0.085	-0.095	-0.106	-0.098		0.009	0.2500
0.3500	0.087	0.043	0.031	0.021	0.013	0.017	-0.014	-0.036	-0.053	-0.072	-0.084	-0.094	-0.104	-0.094	-0.085	0.011	0.3500
0.4500	0.099	0.053	0.023	0.025	0.018	0.015	-0.016	-0.068	-0.054	-0.063	-0.096	-0.112	-0.117	-0.108	-0.101	0.007	0.4500
0.5500	0.133		0.060	0.045	0.038	0.031	0.002	-0.025	-0.045	-0.075	-0.093	-0.114	-0.122	-0.127	-0.130	-0.009	0.5500
0.6500	0.170	0.106	0.087	0.073	0.062	0.056	0.028	0.004	-0.026	-0.060	-0.085	-0.105	-0.120	-0.129	-0.135	-0.049	0.6500
0.7500	0.189	0.122	0.103	0.084	0.072	0.067	0.039	0.015	-0.019	-0.051	-0.076	-0.098	-0.112	-0.124	-0.134		0.7500
0.8500	0.172	0.106	0.090	0.070	0.060	0.053	0.024	0.008	-0.017	-0.055	-0.073	-0.091	-0.110	-0.124	-0.134	-0.047	0.8500
0.9500	0.129	0.074	0.089	0.039	0.034	0.029	0.001	-0.024	-0.042	-0.073	-0.085	-0.107	-0.120	-0.130	-0.133	-0.027	0.9500
M = 1.104 α = 03.98																	
0.0500	0.103	0.059	0.066	0.039	0.002	-0.018	-0.031	-0.008	0.020	0.012	0.009	-0.033	-0.054	-0.068	-0.071	0.056	0.0500
0.1500	0.088	0.053		0.036	-0.002	-0.017	-0.022	0.007	0.021	0.000	0.005	-0.044	-0.052	-0.056	-0.054	0.056	0.1500
0.2500	0.087	0.052	0.046	0.032	-0.001	-0.013	-0.017	0.017	0.022	-0.003	0.007	-0.033	-0.038	-0.049		0.059	0.2500
0.3500	0.093	0.055	0.049	0.024	-0.005	-0.010	-0.019	0.009	0.023	-0.006	0.006	-0.030	-0.031	-0.045	-0.037	0.056	0.3500
0.4500	0.104	0.065	0.040	0.023	0.000	-0.008	-0.025	-0.008	0.025	0.006	-0.002	-0.040	-0.049	-0.055	-0.053	0.055	0.4500
0.5500	0.138		0.074	0.044	0.019	0.012	-0.012	-0.012	0.023	0.014	0.005	-0.047	-0.063	-0.070	-0.068	0.033	0.5500
0.6500	0.177	0.118	0.103	0.072	0.042	0.037	0.016	0.006	0.023	0.014	0.040	-0.035	-0.065	-0.083	-0.076	-0.016	0.6500
0.7500	0.198	0.134	0.118	0.083	0.051	0.045	0.027	0.011	0.018	0.027	0.069	-0.027	-0.063	-0.080	-0.073		0.7500
0.8500	0.180	0.116	0.102	0.075	0.041	0.028	0.011	0.006	0.013	0.036	0.050	-0.030	-0.059	-0.081	-0.071	-0.007	0.8500
0.9500	0.136	0.081	0.100	0.051	0.017	0.001	-0.016	-0.015	0.008	0.014	0.028	-0.037	-0.065	-0.087	-0.071	0.018	0.9500
M = 1.303 α = -04.18																	
0.0500	0.110	0.068	0.053	0.022	0.007	-0.003	-0.019	-0.009	-0.009	-0.028	-0.042	-0.046	-0.066	-0.057	-0.065	-0.059	0.0500
0.1500	0.143	0.101		0.046	0.027	0.021	-0.001	0.002	-0.011	-0.023	-0.041	-0.042	-0.069	-0.057	-0.070	-0.049	0.1500
0.2500	0.172	0.114	0.084	0.059	0.037	0.032	0.010	0.008	-0.007	-0.018	-0.034	-0.038	-0.063	-0.060		-0.056	0.2500
0.3500	0.161	0.101	0.074	0.040	0.028	0.024	0.002	0.001	0.002	-0.015	-0.035	-0.034	-0.056	-0.057	-0.064	-0.056	0.3500
0.4500	0.126	0.063	0.042	0.014	0.007	0.007	-0.019	-0.020	-0.004	-0.018	-0.045	-0.047	-0.062	-0.063	-0.066	-0.053	0.4500
0.5500	0.094		0.027	0.017	-0.009	-0.016	-0.023	-0.021	-0.023	-0.042	-0.045	-0.054	-0.063	-0.063	-0.066	-0.017	0.5500
0.6500	0.078	0.031	0.018	0.009	-0.009	-0.015	-0.018	-0.028	-0.024	-0.035	-0.042	-0.048	-0.058	-0.051	-0.061	0.004	0.6500
0.7500	0.076	0.031	0.018	0.004	-0.012	-0.010	-0.010	-0.021	-0.026	-0.032	-0.038	-0.045	-0.047	-0.043	-0.051		0.7500
0.8500	0.080	0.031	0.020	0.004	-0.014	-0.013	-0.015	-0.017	-0.027	-0.034	-0.030	-0.045	-0.040	-0.038	-0.048	0.001	0.8500
0.9500	0.086	0.037	0.045	0.013	-0.008	-0.016	-0.025	-0.022	-0.029	-0.039	-0.035	-0.054	-0.051	-0.043	-0.056	0.002	0.9500
M = 1.304 α = -00.10																	
0.0500	0.116	0.075	0.061	0.031	0.015	0.009	-0.008	-0.001	-0.002	-0.013	-0.032	-0.044	-0.051	-0.046	-0.051	-0.027	0.0500
0.1500	0.117	0.070		0.029	0.016	0.008	-0.009	-0.007	-0.014	-0.016	-0.034	-0.041	-0.056	-0.042	-0.054	-0.012	0.1500
0.2500	0.126	0.067	0.051	0.032	0.019	0.007	-0.007	-0.009	-0.016	-0.023	-0.039	-0.037	-0.054	-0.046		-0.009	0.2500
0.3500	0.128	0.069	0.053	0.025	0.014	0.011	-0.004	-0.009	-0.010	-0.027	-0.038	-0.035	-0.053	-0.049	-0.050	-0.006	0.3500
0.4500	0.123	0.067	0.048	0.027	0.013	0.008	-0.011	-0.008	-0.008	-0.013	-0.040	-0.042	-0.052	-0.051	-0.050	-0.015	0.4500
0.5500	0.126		0.054	0.034	0.019	0.017	-0.009	-0.008	-0.009	-0.017	-0.028	-0.041	-0.049	-0.047	-0.056	-0.021	0.5500
0.6500	0.122	0.072	0.055	0.029	0.015	0.013		0.000	-0.010	-0.027	-0.029	-0.041	-0.049	-0.042	-0.061	-0.024	0.6500
0.7500	0.120	0.076	0.057	0.030	0.014	0.008	-0.003	-0.008	-0.011	-0.024	-0.029	-0.045	-0.047	-0.040	-0.061		0.7500
0.8500	0.117	0.077	0.056	0.031	0.017	0.004	-0.006	-0.005	-0.015	-0.022	-0.032	-0.047	-0.047	-0.038	-0.058	-0.018	0.8500
0.9500	0.115	0.076	0.071	0.033	0.013	0.005	-0.003	-0.001	-0.011	-0.020	-0.031	-0.048	-0.049	-0.035	-0.057	-0.019	0.9500
M = 1.302 α = 03.93																	
0.0500	0.095	0.039	0.038	0.004	-0.005	-0.011	-0.031	-0.024	-0.025	-0.033	-0.047	-0.052	-0.068	-0.060	-0.061	-0.027	0.0500
0.1500	0.080	0.030		0.007	-0.009	-0.018	-0.022	-0.020	-0.031	-0.035	-0.042	-0.051	-0.064	-0.049	-0.056	-0.002	0.1500
0.2500	0.079	0.028	0.012	0.007	-0.009	-0.016	-0.015	-0.023	-0.030	-0.035	-0.040	-0.043	-0.053	-0.043		0.013	0.2500
0.3500	0.084	0.031	0.016		-0.011	-0.017	-0.016	-0.029	-0.027	-0.035	-0.040	-0.039	-0.048	-0.041	-0.041	0.014	0.3500
0.4500	0.098	0.040	0.021	0.007	-0.007	-0.019	-0.028	-0.031	-0.024	-0.029	-0.059	-0.058	-0.060	-0.055	-0.055	0.002	0.4500
0.5500	0.130		0.052	0.026	0.008	0.001	-0.022	-0.020	-0.026	-0.035	-0.050	-0.058	-0.065	-0.065	-0.073	-0.041	0.5500
0.6500	0.164	0.093	0.081	0.046	0.032	0.030	0.004	0.003	-0.012	-0.032	-0.039	-0.051	-0.063	-0.059	-0.085	-0.061	0.6500
0.7500	0.178	0.105	0.094	0.055	0.041	0.032	0.015	0.013	-0.002	-0.021	-0.025	-0.049	-0.057	-0.055	-0.078		0.7500
0.8500	0.161	0.090	0.080	0.043	0.028	0.020	0.007	0.003	-0.002	-0.017	-0.037	-0.051	-0.060	-0.053	-0.075	-0.059	0.8500
0.9500	0.122	0.061	0.071	0.022	0.007		-0.013	-0.015	-0.016	-0.038	-0.044	-0.065	-0.064	-0.054	-0.076	-0.063	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(1) B - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 1.301 α = 07.91																	
0.0500	0.058	-0.001	0.003	-0.026	-0.043	-0.055	-0.057	-0.058	-0.057	-0.071	-0.077	-0.080	-0.090	-0.073	-0.066	-0.029	0.0500
0.1500	0.045	0.003		-0.016	-0.028	-0.026	-0.033	-0.036	-0.052	-0.045	-0.048	-0.051	-0.067	-0.050	-0.053	0.003	0.1500
0.2500	0.054	0.010	0.003	-0.001	-0.020	-0.008	-0.019	-0.018	-0.022	-0.035	-0.037	-0.038	-0.053	-0.042		-0.027	0.2500
0.3500	0.049	0.001	-0.008	-0.019	-0.035	-0.024	-0.031	-0.035	-0.027	-0.036	-0.038	-0.043	-0.039	-0.036	-0.046	-0.015	0.3500
0.4500	0.056		-0.019	-0.020	-0.049	-0.059	-0.059	-0.065	-0.062	-0.067	-0.068	-0.069	-0.068	-0.056	-0.054	0.001	0.4500
0.5500	0.120		0.033	0.006	-0.005	-0.024	-0.046	-0.047	-0.053	-0.070	-0.077	-0.085	-0.091	-0.102	-0.105	-0.085	0.5500
0.6500	0.210	0.134	0.114	0.076	0.063	0.048	0.029	0.020	0.002	-0.010	-0.056	-0.057	-0.065	-0.078	-0.084	-0.094	0.6500
0.7500	0.253	0.170	0.157	0.111	0.093	0.083	0.057	0.055	0.040	0.007	-0.019	-0.037	-0.051	-0.067	-0.073		0.7500
0.8500	0.212	0.129	0.120	0.071	0.057	0.045	0.026	0.022	0.011	-0.003	-0.023	-0.047	-0.060	-0.077	-0.071	-0.078	0.8500
0.9500	0.116	0.049	0.056		-0.008	-0.019	-0.042	-0.039	-0.038	-0.063	-0.069	-0.090	-0.096	-0.098	-0.094	-0.084	0.9500
M = 1.302 α = 11.79																	
0.0500	-0.008	-0.061	-0.064	-0.094	-0.118	-0.111	-0.114	-0.126	-0.126	-0.118	-0.116	-0.106	-0.157	-0.122	-0.104	-0.066	0.0500
0.1500	0.005	-0.041		-0.047	-0.048	-0.046	-0.051	-0.057	-0.064	-0.075	-0.070	-0.089	-0.089	-0.074	-0.073	-0.030	0.1500
0.2500	0.026	-0.002	0.002	-0.019	-0.018	-0.018	-0.026	-0.025	-0.042	-0.051	-0.042	-0.072	-0.073	-0.070		-0.051	0.2500
0.3500	0.005	-0.043	-0.026	-0.052	-0.048	-0.046	-0.054	-0.053	-0.049	-0.063	-0.058	-0.074	-0.079	-0.060	-0.074	-0.049	0.3500
0.4500	-0.010	-0.063	-0.076	-0.099	-0.120	-0.109	-0.125	-0.126	-0.119	-0.126	-0.117	-0.096	-0.097	-0.077	-0.067	-0.029	0.4500
0.5500	0.089		-0.006	-0.064	-0.055	-0.076	-0.082	-0.097	-0.114	-0.127	-0.130	-0.145	-0.156	-0.146	-0.144	-0.125	0.5500
0.6500	0.247	0.166	0.147	0.099	0.083	0.063	0.037	0.035	-0.010	0.000	-0.079	-0.061	-0.110	-0.122	-0.097	-0.117	0.6500
0.7500	0.324	0.239	0.222	0.172	0.151	0.129	0.104	0.098	0.039	0.049	-0.018	0.003	-0.047	-0.077	-0.056		0.7500
0.8500	0.252	0.168	0.151	0.093	0.079	0.061	0.032	0.030	0.009	0.005	-0.031	-0.058	-0.056	-0.076	-0.101	-0.111	0.8500
0.9500	0.087	0.022	0.010	-0.043	-0.053	-0.079	-0.086	-0.099	-0.118	-0.128	-0.113	-0.136	-0.107	-0.134	-0.132	-0.141	0.9500
M = 1.302 α = 15.82																	
0.0500	-0.094	-0.149	-0.171	-0.200	-0.203	-0.202	-0.217	-0.198	-0.189	-0.173	-0.152	-0.136	-0.114	-0.128	-0.176	-0.131	0.0500
0.1500	-0.066	-0.128		-0.076	-0.082	-0.087	-0.097	-0.097	-0.108	-0.118	-0.135	-0.124	-0.120	-0.104	-0.099	-0.066	0.1500
0.2500	0.008	-0.026	-0.034	-0.032	-0.048	-0.042	-0.043	-0.046	-0.073	-0.072	-0.083	-0.083	-0.095	-0.101		-0.084	0.2500
0.3500	-0.067	-0.122	-0.085	-0.072	-0.082	-0.082	-0.089	-0.095	-0.088	-0.103	-0.105	-0.131	-0.105	-0.094	-0.100	-0.075	0.3500
0.4500	-0.095	-0.144	-0.184	-0.197	-0.202	-0.209	-0.210	-0.185	-0.190	-0.162	-0.128	-0.126	-0.114	-0.099	-0.098	-0.061	0.4500
0.5500	0.039		-0.064	-0.117	-0.140	-0.141	-0.172	-0.175	-0.199	-0.194	-0.196	-0.214	-0.219	-0.225	-0.212	-0.177	0.5500
0.6500	0.283	0.200	0.166	0.112	0.085	0.068	0.055	0.032	0.026	-0.006	-0.113	-0.064	-0.080	-0.136	-0.145	-0.156	0.6500
0.7500	0.402	0.314	0.281	0.235	0.198	0.178	0.163	0.143	0.058	0.105	0.052	0.036	0.030	-0.041	-0.067		0.7500
0.8500	0.292	0.204	0.170	0.121	0.093	0.070	0.060	0.037	0.036	-0.009	-0.033	-0.067	-0.073	-0.110	-0.125	-0.128	0.8500
0.9500	0.047	-0.028	-0.061	-0.109	-0.133	-0.144	-0.168	-0.167	-0.204	-0.199	-0.214	-0.236	-0.238	-0.190	-0.193	-0.198	0.9500
M = 1.503 α = 03.83																	
0.0500	0.082	0.035	0.026	0.010	-0.001	-0.014	-0.025	-0.030	-0.028	-0.029	-0.031	-0.044	-0.055	-0.050	-0.056	-0.044	0.0500
0.1500	0.064	0.024		0.011	-0.009	-0.019	-0.024	-0.026	-0.024	-0.024	-0.028	-0.044	-0.048	-0.041	-0.048	-0.021	0.1500
0.2500	0.060	0.017	0.008	0.009	-0.010	-0.014	-0.023	-0.021	-0.022	-0.021	-0.026	-0.039	-0.037	-0.039		-0.008	0.2500
0.3500	0.065	0.019	0.009	0.008	-0.012	-0.015	-0.021	-0.024	-0.020	-0.022	-0.028	-0.035	-0.036	-0.034	-0.034	-0.008	0.3500
0.4500	0.083	0.027	0.015	0.010	-0.004	-0.013	-0.025	-0.026	-0.028	-0.025	-0.036	-0.045	-0.043	-0.038	-0.046	-0.017	0.4500
0.5500	0.116		0.044	0.020	0.012	0.009	-0.010	-0.017	-0.024	-0.033	-0.032	-0.048	-0.047	-0.056	-0.058	-0.046	0.5500
0.6500	0.148	0.084	0.072	0.040	0.027	0.031	0.010	-0.001	-0.004	-0.019	-0.030	-0.043	-0.049	-0.057	-0.065	-0.062	0.6500
0.7500	0.160	0.100	0.087	0.055	0.040	0.040	0.017	0.006	0.003	-0.008	-0.022	-0.031	-0.037	-0.053	-0.062		0.7500
0.8500	0.146	0.086	0.074	0.043	0.030	0.032	0.007	-0.003	-0.003	-0.010	-0.029	-0.027	-0.042	-0.051	-0.064	-0.064	0.8500
0.9500	0.109	0.057	0.059	0.024	0.012	0.008	-0.010	-0.018	-0.022	-0.031	-0.039	-0.054	-0.056	-0.062	-0.064	-0.069	0.9500
M = 1.702 α = 03.78																	
0.0500	0.108	0.058	0.041	0.022	0.009	-0.005	-0.019	-0.003	-0.002	-0.013	-0.034	-0.050	-0.055	-0.058	-0.059	-0.053	0.0500
0.1500	0.085	0.044		0.016	-0.002	-0.002	-0.007	0.003	-0.005	-0.020	-0.036	-0.046	-0.048	-0.054	-0.053	-0.033	0.1500
0.2500	0.072	0.042	0.028	0.010	0.001	-0.005	0.016	0.002	-0.010	-0.027	-0.029	-0.042	-0.042	-0.045		-0.026	0.2500
0.3500	0.077	0.045	0.034	0.010		-0.007	-0.001	0.004	-0.009	-0.028	-0.030	-0.039	-0.042	-0.042	-0.038	-0.029	0.3500
0.4500	0.098	0.052	0.037	0.022	0.002	-0.005	-0.017	-0.002	-0.004	-0.025	-0.034	-0.043	-0.051	-0.053	-0.045	-0.039	0.4500
0.5500	0.131		0.061	0.042	0.022	0.012	-0.005	-0.011	-0.005	-0.023	-0.038	-0.050	-0.062	-0.063	-0.064	-0.069	0.5500
0.6500	0.165	0.110	0.095	0.056	0.040	0.036	0.020	0.013	-0.004	-0.013	-0.021	-0.042	-0.064	-0.064	-0.067	-0.078	0.6500
0.7500	0.183	0.122	0.111	0.066	0.055	0.041	0.032	0.020	0.004	-0.005	-0.002	-0.025	-0.059	-0.061	-0.066		0.7500
0.8500	0.172	0.109	0.100	0.045	0.056	0.034	0.022	0.008	0.006	-0.003	-0.018	-0.033	-0.055	-0.064	-0.068	-0.065	0.8500
0.9500	0.137	0.081	0.080	0.033	0.041	0.013	-0.008	-0.016	-0.004	-0.011	-0.034	-0.054	-0.056	-0.067	-0.068	-0.070	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Continued
(1) B - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 1.904		α = 03.98								
0.0500	0.082	0.038	0.028	0.019	0.003	-0.005	-0.008	-0.015	-0.011	-0.019	-0.026	-0.043	-0.054	-0.058	-0.057	-0.054	0.0500
0.1500	0.067	0.028		0.008	-0.001	-0.006	-0.010	-0.008	-0.014	-0.020	-0.029	-0.041	-0.046	-0.053	-0.048	-0.045	0.1500
0.2500	0.057	0.027	0.019	0.004	0.002	0.001	-0.005	-0.009	-0.013	-0.020	-0.026	-0.037	-0.038	-0.044		-0.038	0.2500
0.3500	0.060	0.029	0.022	0.003	-0.002		-0.006	-0.012	-0.009	-0.020	-0.024	-0.033	-0.035	-0.044	-0.043	-0.036	0.3500
0.4500	0.077	0.032	0.032	0.005	0.001	-0.003	-0.012	-0.017	-0.015	-0.021	-0.034	-0.043	-0.046	-0.049	-0.049	-0.045	0.4500
0.5500	0.111		0.058	0.029	0.018	0.008	0.006		-0.011	-0.024	-0.028	-0.051	-0.059	-0.061	-0.065	-0.064	0.5500
0.6500	0.151	0.104	0.084	0.050	0.040	0.035	0.035	0.024	0.005	-0.006	-0.017	-0.029	-0.054	-0.060	-0.066	-0.071	0.6500
0.7500	0.171	0.116	0.102	0.055	0.054	0.053	0.049	0.029	0.020	0.003	-0.005	-0.023	-0.040	-0.050	-0.061		0.7500
0.8500	0.158	0.097	0.082	0.046	0.042	0.040	0.034	0.017	0.019	0.009	-0.011	-0.026	-0.045	-0.054	-0.062	-0.055	0.8500
0.9500	0.117	0.062	0.061	0.036	0.016	0.012	0.001	-0.003	-0.010	-0.012	-0.032	-0.053	-0.056	-0.065	-0.068	-0.070	0.9500
							M = 2.237		α = -03.78								
0.0500	0.104	0.061	0.053	0.033	0.029	0.019	0.009	0.005	-0.006	-0.006	-0.019	-0.011	-0.026	-0.017	-0.030	-0.034	0.0500
0.1500	0.139	0.081		0.051	0.041	0.033	0.027	0.020	0.002	-0.008	-0.021	-0.012	-0.032	-0.019	-0.038	-0.038	0.1500
0.2500	0.140	0.089	0.076	0.058	0.048	0.041	0.033	0.025	0.008	-0.005	-0.014	-0.006	-0.027	-0.018		-0.037	0.2500
0.3500	0.129	0.081	0.068	0.048	0.039	0.037	0.030	0.018	0.012	-0.005	-0.011	-0.006	-0.026	-0.016	-0.032	-0.035	0.3500
0.4500	0.104	0.064	0.048	0.035	0.025	0.020	0.011	0.004	-0.007	-0.008	-0.015	-0.011	-0.032	-0.020	-0.035	-0.036	0.4500
0.5500	0.078		0.036	0.023	0.011	0.009	-0.001	-0.008	-0.006	-0.009	-0.016	-0.018	-0.030	-0.019	-0.035	-0.033	0.5500
0.6500	0.066	0.034	0.026	0.014	0.008	0.006	-0.004	-0.003	0.001	0.000	-0.011	-0.015	-0.018	-0.016	-0.029	-0.028	0.6500
0.7500	0.062	0.034	0.026	0.014	0.005	0.007	-0.001	0.000	0.005	-0.002	-0.005	-0.013	-0.015	-0.011	-0.022		0.7500
0.8500	0.065	0.036	0.025	0.016	0.007	0.004	-0.001	-0.002	0.002	-0.003		-0.014	-0.015	-0.011	-0.018	-0.009	0.8500
0.9500	0.076	0.042	0.039	0.022	0.013	0.005	-0.001	-0.001	0.001	-0.004	-0.008	-0.016	-0.016	-0.020	-0.023	-0.028	0.9500
							M = 2.233		α = 00.20								
0.0500	0.097	0.057	0.045	0.029	0.025	0.016	0.009	0.003	-0.006	-0.001	-0.017	-0.013	-0.026	-0.018	-0.031	-0.031	0.0500
0.1500	0.105	0.056		0.030	0.022	0.018	0.013	0.006	-0.007	-0.009	-0.023	-0.015	-0.029	-0.022	-0.033	-0.034	0.1500
0.2500	0.096	0.055	0.045	0.032	0.023	0.019	0.014	0.005	-0.007	-0.014	-0.020	-0.014	-0.027	-0.021		-0.032	0.2500
0.3500	0.095	0.055	0.043	0.029	0.022	0.020	0.017	0.005	-0.005	-0.017	-0.018	-0.015	-0.028	-0.020	-0.030	-0.030	0.3500
0.4500	0.096	0.055	0.039	0.030	0.020	0.017	0.010	0.003	-0.001	-0.013	-0.017	-0.015	-0.028	-0.022	-0.031	-0.032	0.4500
0.5500	0.096		0.042	0.029	0.021	0.016	0.007		-0.003	-0.006	-0.012	-0.015	-0.025	-0.022	-0.032	-0.033	0.5500
0.6500	0.099	0.051	0.044	0.027	0.021	0.015	0.008		0.001	-0.001	-0.010	-0.020	-0.023	-0.020	-0.032	-0.034	0.6500
0.7500	0.101	0.050	0.045	0.028	0.021	0.014	0.008	0.001	0.004	-0.001	-0.006	-0.019	-0.022	-0.019	-0.029		0.7500
0.8500	0.100	0.051	0.042	0.026	0.020	0.014	0.006	0.006	0.006	-0.003	-0.007	-0.018	-0.022	-0.020	-0.027	-0.028	0.8500
0.9500	0.096	0.053	0.047	0.030	0.018	0.016	0.007	0.003	0.001	-0.002	-0.012	-0.020	-0.021	-0.024	-0.029	-0.033	0.9500
							M = 2.229		α = 04.18								
0.0500	0.076	0.036	0.027	0.011	0.007	-0.003	-0.011	-0.016	-0.024	-0.024	-0.030	-0.028	-0.039	-0.032	-0.047	-0.044	0.0500
0.1500	0.068	0.025		0.009	0.002	-0.002	-0.009	-0.013	-0.024	-0.026	-0.036	-0.024	-0.040	-0.031	-0.040	-0.037	0.1500
0.2500	0.054	0.025	0.017	0.011	0.004	-0.001	-0.006	-0.012	-0.023	-0.025	-0.029	-0.021	-0.032	-0.024		-0.031	0.2500
0.3500	0.055	0.026	0.018	0.007	0.000	-0.001	-0.002	-0.013	-0.018	-0.027	-0.025	-0.020	-0.025	-0.021	-0.028	-0.029	0.3500
0.4500	0.071	0.036	0.024	0.011	0.003	-0.002	-0.008	-0.016	-0.025	-0.029	-0.036	-0.027	-0.033	-0.025	-0.035	-0.033	0.4500
0.5500	0.104		0.047	0.029	0.020	0.012	0.003	-0.004	-0.017	-0.020	-0.028	-0.030	-0.040	-0.037	-0.051	-0.044	0.5500
0.6500	0.141	0.091	0.075	0.054	0.041	0.036	0.023	0.012	-0.003	-0.004	-0.015	-0.031	-0.040	-0.036	-0.051	-0.055	0.6500
0.7500	0.158	0.105	0.088	0.067	0.051	0.046	0.032	0.024	0.012	0.007	0.000	-0.022	-0.031	-0.032	-0.044		0.7500
0.8500	0.145	0.091	0.077	0.054	0.040	0.035	0.023	0.016	0.010	0.006	-0.001	-0.019	-0.027	-0.032	-0.039	0.003	0.8500
0.9500	0.107	0.061	0.053	0.027	0.019	0.011	0.004	-0.005	-0.005	-0.009	-0.016	-0.029	-0.035	-0.041	-0.047	-0.052	0.9500
							M = 2.229		α = 08.26								
0.0500	0.046	0.007	-0.005	-0.021	-0.025	-0.035	-0.044	-0.048	-0.043	-0.055	-0.047	-0.051	-0.061	-0.054	-0.059	-0.057	0.0500
0.1500	0.038	0.002		-0.011	-0.017	-0.022	-0.026	-0.028	-0.049	-0.039	-0.052	-0.037	-0.051	-0.040	-0.048	-0.043	0.1500
0.2500	0.029	0.010	0.006	-0.001	-0.008	-0.012	-0.015	-0.020	-0.032	-0.033	-0.033	-0.031	-0.040	-0.033		-0.042	0.2500
0.3500	0.026	0.001	-0.005	-0.012	-0.018	-0.018	-0.019	-0.029	-0.025	-0.029	-0.033	-0.032	-0.046	-0.038	-0.038	-0.047	0.3500
0.4500	0.045	0.008	-0.009	-0.023	-0.028	-0.034	-0.039	-0.049	-0.046	-0.050	-0.066	-0.041	-0.050	-0.040	-0.049	-0.047	0.4500
0.5500	0.113		0.043	0.015	0.004	-0.004	-0.013	-0.023	-0.052	-0.033	-0.049	-0.061	-0.071	-0.062	-0.068	-0.073	0.5500
0.6500	0.201	0.130	0.115	0.077	0.066	0.056	0.044	0.031	0.013	-0.007	0.000	-0.023	-0.041	-0.045	-0.069	-0.074	0.6500
0.7500	0.242	0.164	0.148	0.109	0.097	0.085	0.074	0.060	0.045	0.029	0.023	-0.005	-0.015	-0.023	-0.047		0.7500
0.8500	0.206	0.131	0.115	0.079	0.068	0.055	0.047	0.032	0.022	0.026	-0.003	-0.015	-0.024	-0.046	-0.054	-0.065	0.8500
0.9500	0.118	0.060	0.045	0.016	0.004	-0.004	-0.013	-0.023	-0.020	-0.013	-0.048	-0.052	-0.058	-0.070	-0.082	-0.083	0.9500

TABLE II.- PRESSURE COEFFICIENTS FOR THE BODY WITH MODEL AT 0° SIDESLIP - Concluded
(1) B - Concluded

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 2.225 α = 12.24																	
0.0500	0.001	-0.038	-0.052	-0.077	-0.082	-0.095	-0.106	-0.108	-0.114	-0.112	-0.097	-0.078	-0.093	-0.068	-0.075	-0.082	0.0500
0.1500	0.006	-0.031		-0.034	-0.039	-0.044	-0.047	-0.050	-0.058	-0.078	-0.076	-0.068	-0.082	-0.063	-0.071	-0.071	0.1500
0.2500	0.003	-0.004	-0.005	-0.015	-0.021	-0.025	-0.028	-0.031	-0.045	-0.048	-0.063	-0.048	-0.059	-0.054		-0.067	0.2500
0.3500	-0.008	-0.032	-0.033	-0.034	-0.041	-0.038	-0.038	-0.048	-0.042	-0.058	-0.069	-0.066	-0.088	-0.065	-0.066	-0.066	0.3500
0.4500	0.000	-0.033	-0.057	-0.078	-0.087	-0.094	-0.101	-0.108	-0.119	-0.111	-0.096	-0.079	-0.084	-0.067	-0.076	-0.073	0.4500
0.5500	0.112		0.032	-0.001	-0.012	-0.026	-0.034	-0.047	-0.056	-0.069	-0.092	-0.083	-0.097	-0.102	-0.116	-0.109	0.5500
0.6500	0.259	0.186	0.161	0.115	0.101	0.084	0.074	0.064	0.034	0.028	0.015	-0.018	-0.059	-0.050	-0.061	-0.074	0.6500
0.7500	0.327	0.248	0.219	0.169	0.152	0.138	0.130	0.113	0.088	0.061	0.051	0.019	0.002	-0.006	-0.024		0.7500
0.8500	0.261	0.191	0.157	0.119	0.099	0.088	0.078	0.060	0.047	0.044	0.033	0.011	-0.021	-0.043	-0.060	-0.065	0.8500
0.9500	0.113	0.062	0.034	0.002	-0.013	-0.022	-0.034	-0.048	-0.029	-0.062	-0.076	-0.074	-0.089	-0.109	-0.108	-0.102	0.9500
M = 2.229 α = 16.22																	
0.0500	-0.041	-0.082	-0.094	-0.120	-0.120	-0.133	-0.136	-0.130	-0.132	-0.125	-0.110	-0.082	-0.102	-0.103	-0.115	-0.111	0.0500
0.1500	-0.025	-0.069		-0.075	-0.068	-0.080	-0.085	-0.088	-0.106	-0.108	-0.116	-0.092	-0.094	-0.081	-0.096	-0.092	0.1500
0.2500	-0.010	-0.016	-0.017	-0.031	-0.038	-0.043	-0.048	-0.052	-0.078	-0.075	-0.092	-0.080	-0.098	-0.071		-0.088	0.2500
0.3500	-0.041	-0.070	-0.065	-0.077	-0.074	-0.074	-0.075	-0.086	-0.073	-0.090	-0.099	-0.085	-0.090	-0.079	-0.087	-0.087	0.3500
0.4500	-0.042	-0.075	-0.099	-0.117	-0.124	-0.130	-0.134	-0.132	-0.115	-0.117	-0.105	-0.093	-0.098	-0.083	-0.094	-0.094	0.4500
0.5500	0.118		0.033	-0.005	-0.016	-0.029	-0.039	-0.054	-0.073	-0.089	-0.100	-0.099	-0.111	-0.108	-0.123	-0.115	0.5500
0.6500	0.324	0.245	0.212	0.164	0.147	0.131	0.119	0.098	0.081	0.076	0.047	0.021	0.004	-0.019	-0.058	-0.069	0.6500
0.7500	0.419	0.338	0.296	0.244	0.225	0.207	0.197	0.180	0.147	0.108	0.091	0.071	0.035	0.042	-0.006		0.7500
0.8500	0.324	0.250	0.212	0.169	0.149	0.131	0.126	0.096	0.094	0.104	0.060	0.024	0.036	0.003	-0.027	-0.051	0.8500
0.9500	0.119	0.065	0.035		-0.016	-0.026	-0.038	-0.052	-0.048	-0.070	-0.071	-0.098	-0.067	-0.122	-0.111	-0.095	0.9500

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION

(a) BVW

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.701 α = -04.38																					
0.0000	0.221	-0.425	-0.646	0.169	-0.835	-1.005	0.172	-0.798	-0.970				0.214	-0.714	-0.927	0.189	-0.664	-0.853	0.164	-0.584		0.0000
0.0125	0.143	-0.328	-0.472	0.135	-0.482	-0.616	0.133	-0.580	-0.714	0.133	-0.680	-0.813	0.152	-0.718	-0.870	0.167	-0.663	-0.830	0.163			0.0125
0.0250	0.091	-0.265	-0.356	0.108	-0.269	-0.377	0.102	-0.425	-0.527	0.099	-0.375	-0.474	0.107	-0.661	-0.768	0.146	-0.664	-0.809	0.156			0.0250
0.0420																				-0.563		0.0420
0.0500	0.065	-0.236	-0.301	0.079	-0.263	-0.342	0.060	-0.304	-0.365		-0.331		0.069	-0.360	-0.428	0.102	-0.671	-0.773	0.126			0.0500
0.0640																				-0.560		0.0640
0.0750	0.047	-0.215	-0.262	0.048	-0.257	-0.306	0.038	-0.278	-0.315		-0.301		0.042	-0.308	-0.350	0.078	-0.687	-0.764	0.104			0.0750
0.0810																				-0.562		0.0810
0.1000	0.031	-0.210	-0.241	0.024	-0.243	-0.267	0.019	-0.258	-0.277	0.015	-0.278	-0.293	0.022	-0.288	-0.311	0.059	-0.690	-0.749	0.090	-0.563	-0.653	0.1000
0.1500	0.012	-0.202	-0.214	0.007	-0.229	-0.236	0.007	-0.239	-0.245		-0.255	-0.254	0.005	-0.261	-0.267	0.035	-0.566	-0.601	0.070	-0.566	-0.636	0.1500
0.2000	0.000	-0.195	-0.195	-0.006	-0.210	-0.204	-0.001	-0.216	-0.215	-0.006			-0.002	-0.247	-0.245	0.020	-0.363	-0.382	0.052	-0.569	-0.621	0.2000
0.3000	-0.009	-0.195	-0.186	-0.014	-0.200	-0.186	-0.025	-0.214	-0.189				-0.013	-0.221	-0.208	0.004	-0.204	-0.208	0.030	-0.589	-0.618	0.3000
0.4000	-0.019	-0.198	-0.179	-0.026	-0.201	-0.175	-0.028	-0.201	-0.173				-0.022	-0.200	-0.177	-0.004	-0.198	-0.194	0.010	-0.582	-0.591	0.4000
0.5000	-0.031	-0.191	-0.160	-0.033	-0.195	-0.162	-0.031	-0.187	-0.156				-0.026	-0.185	-0.159	-0.011	-0.178	-0.166	0.002	-0.525	-0.527	0.5000
0.6000		-0.182		-0.030	-0.187	-0.156	-0.033	-0.169	-0.135				-0.028	-0.164	-0.136	-0.011	-0.162	-0.150	-0.006	-0.421	-0.416	0.6000
0.7000	-0.026			-0.030	-0.167	-0.137	-0.038	-0.143	-0.105				-0.032	-0.141	-0.109	-0.019	-0.132	-0.113	-0.013	-0.275	-0.263	0.7000
0.8000	-0.036	-0.136	-0.100	-0.046	-0.134	-0.088	-0.044	-0.114	-0.069				-0.035	-0.106	-0.070	-0.021	-0.102	-0.081	-0.015	-0.135	-0.120	0.8000
0.9000	-0.046	-0.084	-0.039	-0.040	-0.099	-0.060	-0.034	-0.066	-0.032				-0.013	-0.054	-0.041	-0.006	-0.056	-0.050	-0.028	-0.033	-0.004	0.9000
1.0000	-0.055	-0.013	0.042	-0.011	-0.062	-0.051	-0.006	-0.001	0.005				0.035	0.015	-0.020	0.024	0.005	-0.019	-0.052	0.032	0.084	1.0000
	M = 0.702 α = -00.35																					
0.0000	-0.007	-0.059	-0.052	-0.035	-0.050	-0.016	-0.042	-0.027	0.016				-0.029	-0.037	-0.008	-0.041	-0.045	-0.004	-0.042	-0.157		0.0000
0.0125	-0.018	-0.031	-0.013	-0.054	-0.045	0.009	-0.060	-0.056	0.004	-0.075	-0.066	0.009	-0.066	-0.063	0.004	-0.069	-0.079	-0.010	-0.074			0.0125
0.0250	-0.030	-0.022	0.008	-0.068	-0.047	0.021	-0.073	-0.076	-0.002	-0.095	-0.088	0.006	-0.090	-0.081	0.009	-0.089	-0.102	-0.014	-0.096			0.0250
0.0420																				-0.124		0.0420
0.0500	-0.056	-0.056	-0.001	-0.078	-0.069	0.009	-0.091	-0.090	0.001		-0.106		-0.100	-0.098	0.001	-0.106	-0.118	-0.012	-0.111			0.0500
0.0640																				-0.118		0.0640
0.0750	-0.073	-0.069	0.005	-0.083	-0.079	0.004	-0.091	-0.096	-0.005		-0.110		-0.107	-0.099	0.008	-0.118	-0.117	0.001	-0.114			0.0750
0.0810																				-0.117		0.0810
0.1000	-0.080	-0.075	0.005	-0.090	-0.085	0.005	-0.095	-0.099	-0.004	-0.115	-0.111	0.004	-0.111	-0.104	0.007	-0.116	-0.121	-0.005	-0.111	-0.115	-0.003	0.1000
0.1500	-0.086	-0.078	0.008	-0.093	-0.091	0.002	-0.093	-0.102	-0.009	-0.114	-0.114	0.000	-0.110	-0.106	0.004	-0.113	-0.116	-0.003	-0.110	-0.112	-0.002	0.1500
0.2000	-0.088	-0.081	0.007	-0.097	-0.095	0.002	-0.091	-0.091		-0.112			-0.105	-0.107	-0.002	-0.109	-0.116	-0.007	-0.109	-0.115	-0.006	0.2000
0.3000	-0.090	-0.093	-0.003	-0.098	-0.097	0.001	-0.100	-0.107	-0.007				-0.098	-0.103	-0.005	-0.098	-0.115	-0.017	-0.104	-0.111	-0.008	0.3000
0.4000	-0.096	-0.104	-0.008	-0.098	-0.098	-0.001	-0.094	-0.100	-0.007				-0.089	-0.093	-0.003	-0.089	-0.111	-0.022	-0.100	-0.103	-0.003	0.4000
0.5000	-0.097	-0.104	-0.008	-0.091	-0.099	-0.008	-0.084	-0.098	-0.013				-0.081	-0.092	-0.011	-0.080	-0.096	-0.016	-0.087	-0.091	-0.004	0.5000
0.6000		-0.101		-0.079	-0.097	-0.018	-0.077	-0.093	-0.016				-0.072	-0.085	-0.013	-0.070	-0.087	-0.018	-0.076	-0.082	-0.006	0.6000
0.7000	-0.073			-0.071	-0.090	-0.019	-0.072	-0.080	-0.009				-0.064	-0.076	-0.011	-0.060	-0.072	-0.011	-0.063	-0.067	-0.005	0.7000
0.8000	-0.072	-0.077	-0.005	-0.066	-0.076	-0.010	-0.066	-0.065	0.001				-0.055	-0.055	0.000	-0.047	-0.056	-0.009	-0.042	-0.044	-0.001	0.8000
0.9000	-0.053	-0.051	0.001	-0.045	-0.054	-0.009	-0.041	-0.031	0.010				-0.019	-0.018	0.000	-0.019	-0.025	-0.007	-0.031	-0.014	0.017	0.9000
1.0000	-0.015	-0.016		-0.008	-0.024	-0.016	0.005	0.022	0.017				0.044	0.034	-0.010	0.023	0.021	-0.003	-0.028	0.023	0.050	1.0000
	M = 0.702 α = 03.83																					
0.0000	-0.383	0.209	0.592	-0.670	0.215	0.885	-0.873	0.215	1.087				-0.629	0.207	0.836	-0.668	0.178	0.846	-0.557	0.214		0.0000
0.0125	-0.345	0.174	0.519	-0.555	0.164	0.719	-0.677	0.162	0.839	-0.811	0.163	0.974	-0.751	0.170	0.921	-0.666	0.175	0.840	-0.557			0.0125
0.0250	-0.310	0.143	0.453	-0.451	0.125	0.577	-0.518	0.122	0.641	-0.575	0.131	0.706	-0.772	0.139	0.911	-0.665	0.165	0.830	-0.557			0.0250
0.0420																				0.157		0.0420
0.0500	-0.249	0.094	0.344	-0.280	0.085	0.365	-0.314	0.082	0.396		0.089		-0.506	0.098	0.604	-0.668	0.130	0.798	-0.557			0.0500
0.0640																				0.136		0.0640
0.0750	-0.229	0.066	0.295	-0.262	0.066	0.328	-0.289	0.057	0.346		0.057		-0.343	0.073	0.416	-0.680	0.100	0.779	-0.557			0.0750
0.0810																				0.125		0.0810
0.1000	-0.219	0.050	0.269	-0.246	0.045	0.290	-0.276	0.042	0.318	-0.300	0.044	0.344	-0.300	0.054	0.354	-0.689	0.079	0.768	-0.557	0.113	0.671	0.1000
0.1500	-0.216	0.035	0.251	-0.231	0.029	0.261	-0.245	0.023	0.268	-0.265	0.023	0.288	-0.272	0.032	0.304	-0.678	0.055	0.734	-0.557	0.093	0.650	0.1500
0.2000	-0.203	0.020	0.222	-0.216	0.024	0.241	-0.223	0.028	0.252	-0.244			-0.247	0.023	0.270	-0.562	0.042	0.604	-0.557	0.074	0.631	0.2000
0.3000	-0.195	-0.001	0.195	-0.204	0.002	0.206	-0.210	-0.005	0.206				-0.218	0.004	0.222	-0.217	0.016	0.233	-0.569	0.046	0.614	0.3000
0.4000	-0.190	-0.016	0.174	-0.185	-0.010	0.175	-0.188	-0.017	0.171				-0.196	-0.004	0.191	-0.155	0.005	0.159	-0.584	0.026	0.610	0.4000
0.5000	-0.181	-0.025	0.156	-0.170	-0.026	0.144	-0.169	-0.023	0.146				-0.172	-0.016	0.156	-0.148	0.001	0.149	-0.562	0.017	0.579	0.5000
0.6000		-0.033		-0.141	-0.031	0.110	-0.149	-0.027	0.122				-0.150	-0.021	0.129	-0.133	-0.012	0.120	-0.505	0.005	0.510	0.6000
0.7000	-0.132			-0.132	-0.034	0.098	-0.131	-0.027	0.104				-0.129	-0.024	0.105	-0.112	-0.012	0.099	-0.413	-0.001	0.412	0.7000
0.8000	-0.117	-0.033	0.084	-0.111	-0.030	0.081	-0.111	-0.027	0.083				-0.102	-0.019	0.083	-0.083	-0.013	0.069	-0.274	-0.006	0.267	0.8000
0.9000	-0.097	-0.013	0.084	-0.070	-0.015	0.056	-0.066	-0.010	0.056				-0.047		0.047	-0.040	-0.002	0.038	-0.150	-0.005	0.146	0.9000
1.0000	-0.072	0.021	0.092	-0.010	0.011	0.022	0.001	0.024	0.022				0.035	0.032	-0.003	0.018	0.022	0.004	-0.043	0.005	0.048	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
										M = 0.698		α = 07.66										
0.0000	-1.921	0.264	2.185	-0.973	0.218	1.191	-1.080	0.169	1.249				-0.902	0.133	1.035	-0.796	0.050	0.847	-0.629	0.117		0.0000
0.0125	-1.045	0.282	1.326	-1.190	0.243	1.433	-1.056	0.210	1.265	-0.985	0.177	1.162	-0.926	0.191	1.118	-0.794	0.141	0.935	-0.627			0.0125
0.0250	-0.503	0.282	0.785	-1.250	0.252	1.502	-1.074	0.230	1.304	-0.995	0.227	1.222	-0.949	0.224	1.173	-0.794	0.199	0.993	-0.626			0.0250
0.0420																				0.198		0.0420
0.0500	-0.426	0.229	0.655	-0.896	0.219	1.115	-1.237	0.211	1.448		0.209		-0.985	0.215	1.200	-0.805	0.214	1.019	-0.625			0.0500
0.0640																				0.208		0.0640
0.0750	-0.388	0.200	0.588	-0.360	0.194	0.554	-1.255	0.187	1.441		0.181		-1.091	0.200	1.291	-0.821	0.203	1.024	-0.624			0.0750
0.0810																				0.201		0.0810
0.1000	-0.368	0.179	0.547	-0.341	0.178	0.519	-0.780	0.172	0.951	-1.295	0.168	1.463	-1.203	0.181	1.384	-0.835	0.187	1.022	-0.624	0.198	0.822	0.1000
0.1500	-0.347	0.156	0.503	-0.336	0.150	0.487	-0.253	0.144	0.397	-0.756	0.143	0.899	-1.224	0.152	1.376	-0.862	0.163	1.025	-0.621	0.183	0.804	0.1500
0.2000	-0.321	0.133	0.454	-0.323	0.131	0.454	-0.286	0.137	0.423	-0.252			-0.858	0.132	0.990	-0.913	0.145	1.057	-0.621	0.168	0.789	0.2000
0.3000	-0.306	0.095	0.401	-0.301	0.102	0.403	-0.293	0.095	0.388				-0.200	0.102	0.302	-1.139	0.111	1.250	-0.629	0.138	0.767	0.3000
0.4000	-0.277	0.074	0.351	-0.276	0.077	0.353	-0.265	0.075	0.339				-0.210	0.087	0.297	-1.120	0.086	1.206	-0.618	0.110	0.728	0.4000
0.5000	-0.253	0.064	0.316	-0.242	0.059	0.301	-0.233	0.059	0.292				-0.201	0.067	0.268	-0.841	0.077	0.918	-0.584	0.085	0.670	0.5000
0.6000		0.052		-0.204	0.044	0.248	-0.199	0.042	0.242				-0.176	0.049	0.225	-0.402	0.052	0.454	-0.571	0.052	0.623	0.6000
0.7000	-0.170			-0.175	0.030	0.205	-0.168	0.034	0.202				-0.147	0.036	0.184	-0.121	0.041	0.162	-0.620	0.029	0.649	0.7000
0.8000	-0.139	0.038	0.177	-0.135	0.018	0.153	-0.132	0.022	0.154				-0.109	0.028	0.138	-0.012	0.024	0.037	-0.675	-0.008	0.667	0.8000
0.9000	-0.084	0.018	0.103	-0.079	0.024	0.103	-0.076	0.025	0.100				-0.043	0.035	0.078	0.040	0.020	-0.020	-0.683	-0.085	0.598	0.9000
1.0000	-0.005	-0.009	-0.004	-0.008	0.047	0.055	0.001	0.042	0.041				0.052	0.055	0.003	0.035	0.026	-0.009	-0.644	-0.204	0.440	1.0000
										M = 0.699		α = 11.79										
0.0000	-2.345	0.264	2.610	-1.494	0.109	1.603	-1.435	0.002	1.437				-1.215	-0.069	1.146	-1.077	-0.197	0.880	-0.817	-0.016		0.0000
0.0125	-1.985	0.335	2.320	-1.532	0.234	1.766	-1.413	0.165	1.578	-1.309	0.087	1.396	-1.224	0.112	1.336	-1.069	0.007	1.076	-0.817			0.0125
0.0250	-1.590	0.375	1.965	-1.579	0.310	1.888	-1.406	0.267	1.673	-1.310	0.239	1.548	-1.233	0.229	1.461	-1.065	0.144	1.209	-0.815			0.0250
0.0420																				0.154		0.0420
0.0500	-0.699	0.362	1.060	-1.698	0.312	2.010	-1.441	0.288	1.729		0.267		-1.251	0.268	1.519	-1.070	0.216	1.286	-0.809			0.0500
0.0640																				0.195		0.0640
0.0750	-0.632	0.332	0.964	-1.769	0.296	2.065	-1.480	0.279	1.759		0.261		-1.307	0.274	1.581	-1.073	0.242	1.314	-0.805			0.0750
0.0810																				0.203		0.0810
0.1000	-0.584	0.304	0.887	-1.148	0.277	1.425	-1.784	0.269	2.053	-1.413	0.256	1.669	-1.312	0.262	1.573	-1.072	0.238	1.310	-0.799	0.211	1.010	0.1000
0.1500	-0.550	0.267	0.817	-0.524	0.251	0.775	-1.409	0.240	1.649	-1.896	0.233	2.129	-1.396	0.241	1.637	-1.097	0.232	1.328	-0.786	0.212	0.998	0.1500
0.2000	-0.484	0.238	0.722	-0.449	0.228	0.678	-0.655	0.231	0.886	-1.498			-1.854	0.219	2.073	-1.114	0.215	1.329	-0.769	0.207	0.976	0.2000
0.3000	-0.429	0.193	0.622	-0.416	0.196	0.612	-0.392	0.187	0.579				-1.107	0.186	1.294	-1.071	0.182	1.253	-0.745	0.181	0.926	0.3000
0.4000	-0.391	0.159	0.550	-0.384	0.171	0.556	-0.359	0.157	0.516				-0.489	0.164	0.654	-1.115	0.152	1.267	-0.729	0.152	0.881	0.4000
0.5000	-0.354	0.135	0.489	-0.342	0.137	0.480	-0.318	0.133	0.452				-0.303	0.136	0.439	-1.471	0.131	1.602	-0.691	0.123	0.814	0.5000
0.6000		0.115		-0.282	0.114	0.396	-0.273	0.109	0.382				-0.240	0.111	0.351	-1.411	0.103	1.514	-0.623	0.080	0.703	0.6000
0.7000	-0.233			-0.233	0.097	0.330	-0.223	0.089	0.313				-0.187	0.088	0.275	-1.048	0.077	1.125	-0.559	0.040	0.599	0.7000
0.8000	-0.181	0.061	0.241	-0.181	0.073	0.254	-0.171	0.065	0.236				-0.133	0.066	0.199	-0.665	0.042	0.706	-0.499	-0.013	0.486	0.8000
0.9000	-0.110	0.046	0.157	-0.106	0.059	0.165	-0.097	0.049	0.146				-0.052	0.054	0.106	-0.342	0.001	0.343	-0.454	-0.109	0.345	0.9000
1.0000	-0.023	0.040	0.063	-0.008	0.056	0.064	-0.002	0.041	0.043				0.055	0.050	-0.005	-0.081	-0.045	0.036	-0.425	-0.248	0.177	1.0000
										M = 0.698		α = 15.76										
0.0000	-1.677	0.219	1.896	-1.853	0.003	1.855	-1.755	-0.185	1.570				-1.500	-0.278	1.221	-1.329	-0.423	0.906	-0.937	-0.162		0.0000
0.0125	-2.067	0.369	2.436	-1.835	0.203	2.038	-1.717	0.095	1.812	-1.597	-0.015	1.581	-1.509	0.011	1.520	-1.313	-0.132	1.180	-0.927			0.0125
0.0250	-2.270	0.462	2.733	-1.828	0.332	2.160	-1.702	0.276	1.978	-1.588	0.229	1.817	-1.514	0.204	1.718	-1.303	0.067	1.371	-0.919			0.0250
0.0420																				0.096		0.0420
0.0500	-2.119	0.477	2.596	-1.851	0.373	2.223	-1.739	0.342	2.081		0.318		-1.510	0.295	1.806	-1.302	0.196	1.498	-0.907			0.0500
0.0640																				0.164		0.0640
0.0750	-1.195	0.447	1.642	-1.870	0.385	2.255	-1.768	0.353	2.121		0.326		-1.597	0.325	1.922	-1.295	0.257	1.553	-0.896			0.0750
0.0810																				0.184		0.0810
0.1000	-0.905	0.426	1.331	-2.056	0.370	2.426	-1.776	0.353	2.130	-1.714	0.332	2.046	-1.694	0.329	2.023	-1.284	0.270	1.554	-0.887	0.205	1.092	0.1000
0.1500	-0.764	0.386	1.150	-1.376	0.350	1.726	-2.077	0.331	2.408	-1.686	0.316	2.002	-1.611	0.316	1.927	-1.294	0.282	1.576	-0.865	0.225	1.090	0.1500
0.2000	-0.664	0.331	0.995	-0.899	0.330	1.228	-1.658	0.323	1.982	-1.963			-1.579	0.299	1.878	-1.346	0.274	1.619	-0.834	0.231	1.065	0.2000
0.3000	-0.602	0.285	0.887	-0.631	0.288	0.919	-0.844	0.278	1.122				-1.939	0.266	2.206	-1.315	0.246	1.561	-0.795	0.218	1.013	0.3000
0.4000	-0.545	0.250	0.796	-0.555	0.252	0.808	-0.588	0.242	0.830				-1.300	0.241	1.541	-1.212	0.217	1.429	-0.764	0.186	0.950	0.4000
0.5000	-0.472	0.207	0.679	-0.477	0.220	0.698	-0.477	0.213	0.690				-0.800	0.207	1.007	-1.134	0.190	1.324	-0.725	0.153	0.879	0.5000
0.6000		0.181		-0.393	0.192	0.585	-0.396	0.180	0.576				-0.530	0.174	0.704	-1.121	0.154	1.274	-0.673	0.108	0.781	0.6000
0.7000	-0.292			-0.330	0.157	0.487	-0.319	0.148	0.467				-0.367	0.139	0.507	-1.524	0.116	1.640	-0.615	0.060	0.676	0.7000
0.8000	-0.223	0.115	0.338	-0.245	0.128	0.373	-0.237	0.110	0.347				-0.259	0.103	0.362	-1.406	0.058	1.464	-0.552	0.001	0.552	0.8000
0.9000	-0.150	0.068	0.218	-0.139	0.089	0.227	-0.140	0.074	0.214				-0.141	0.066	0.207	-1.046	-0.027	1.019	-0.500	-0.105	0.395	0.9000
1.0000	-0.074	0.011	0.085	-0.012	0.039	0.050	-0.028	0.041	0.069				-0.014	0.026	0.040	-0.442	-0.139	0.304	-0.462	-0.258	0.204	1.0000

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TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 0.906			α = 03.69										
0.0000	-0.256	0.241	0.498	-0.350	0.220	0.570	-0.428	0.217	0.646				-0.575	0.207	0.782	-0.655	0.178	0.833	-0.589	0.172		0.0000
0.0125	-0.257	0.191	0.448	-0.434	0.169	0.603	-0.537	0.161	0.698	-0.655	0.162	0.817	-0.638	0.163	0.801	-0.648	0.163	0.812	-0.593			0.0125
0.0250	-0.251	0.151	0.402	-0.444	0.129	0.573	-0.549	0.119	0.668	-0.659	0.121	0.780	-0.646	0.129	0.775	-0.646	0.147	0.793	-0.595			0.0250
0.0420																						0.0420
0.0500	-0.221	0.101	0.322	-0.239	0.086	0.324	-0.283	0.078	0.361		0.076		-0.501	0.088	0.589	-0.655	0.107	0.762	-0.596	0.144		0.0500
0.0640																						0.0640
0.0750	-0.188	0.072	0.260	-0.222	0.062	0.285	-0.262	0.054	0.316		0.050		-0.340	0.064	0.405	-0.666	0.079	0.744	-0.597	0.128		0.0750
0.0810																						0.0810
0.1000	-0.182	0.056	0.238	-0.229	0.044	0.272	-0.262	0.039	0.301	-0.290	0.036	0.326	-0.298	0.045	0.343	-0.670	0.061	0.731	-0.597	0.115		0.1000
0.1500	-0.201	0.036	0.237	-0.212	0.027	0.239	-0.242	0.016	0.259	-0.253	0.016	0.269	-0.284	0.024	0.308	-0.655	0.040	0.695	-0.596	0.104	0.701	0.1500
0.2000	-0.181	0.019	0.201	-0.213	0.019	0.232	-0.222	0.023	0.244	-0.257			-0.264	0.011	0.275	-0.596	0.025	0.621	-0.597	0.086	0.683	0.2000
0.3000	-0.199	-0.006	0.193	-0.216	-0.003	0.212	-0.235	-0.009	0.226				-0.250	-0.003	0.248	-0.331	0.002	0.334	-0.605	0.068	0.665	0.3000
0.4000	-0.215	-0.025	0.190	-0.216	-0.017	0.200	-0.223	-0.022	0.202				-0.239	-0.013	0.226	-0.179	-0.009	0.170	-0.630	0.042	0.647	0.4000
0.5000	-0.215	-0.028	0.187	-0.211	-0.031	0.180	-0.214	-0.032	0.183				-0.210	-0.021	0.189	-0.187	-0.008	0.179	-0.626	0.025	0.656	0.5000
0.6000		-0.036		-0.175	-0.034	0.141	-0.176	-0.034	0.142				-0.182	-0.024	0.157	-0.182	-0.017	0.165	-0.598	0.021	0.648	0.6000
0.7000	-0.165			-0.162	-0.035	0.127	-0.165	-0.033	0.131				-0.167	-0.028	0.140	-0.158	-0.015	0.144	-0.598	0.015	0.613	0.7000
0.8000	-0.147	-0.036	0.111	-0.144	-0.029	0.114	-0.148	-0.031	0.117				-0.135	-0.018	0.116	-0.104	-0.010	0.094	-0.543	0.014	0.557	0.8000
0.9000	-0.091	-0.011	0.080	-0.078		0.078	-0.075	-0.004	0.072				-0.051	0.010	0.060	-0.031	0.012	0.043	-0.409	0.010	0.418	0.9000
1.0000	0.002	0.031	0.029	0.036	0.053	0.017	0.053	0.048	-0.005				0.085	0.057	-0.028	0.060	0.052	-0.008	0.023	0.025	0.002	1.0000
									M = 0.952			α = 03.78										
0.0000	-0.196	0.246	0.442	-0.378	0.212	0.589	-0.421	0.210	0.630				-0.605	0.191	0.797	-0.672	0.158	0.830	-0.669	0.107		0.0000
0.0125	-0.235	0.192	0.427	-0.423	0.160	0.583	-0.524	0.151	0.675	-0.634	0.151	0.785	-0.636	0.142	0.777	-0.670	0.133	0.803	-0.678			0.0125
0.0250	-0.252	0.149	0.401	-0.417	0.119	0.537	-0.535	0.107	0.641	-0.670	0.105	0.775	-0.634	0.104	0.738		0.110		-0.685			0.0250
0.0420																						0.0420
0.0500	-0.222	0.096	0.317	-0.251	0.073	0.323	-0.279	0.062	0.342		0.059		-0.536	0.064	0.600	-0.675	0.067	0.743	-0.689	0.088		0.0500
0.0640																						0.0640
0.0750	-0.186	0.064	0.251	-0.228	0.049	0.277	-0.271	0.037	0.308			0.000	-0.358	0.040	0.398	-0.687	0.039	0.726	-0.692	0.072		0.0750
0.0810																						0.0810
0.1000	-0.199	0.045	0.244	-0.219	0.028	0.247	-0.280	0.021	0.300	-0.297	0.014	0.312	-0.320	0.017	0.338	-0.692	0.018	0.710	-0.694	0.057		0.1000
0.1500	-0.197	0.023	0.219	-0.231	0.007	0.238	-0.252	-0.005	0.247	-0.281	-0.009	0.273	-0.296	-0.006	0.290	-0.683	-0.007	0.677	-0.695	0.046	0.741	0.1500
0.2000	-0.196	0.002	0.199	-0.230	-0.004	0.226	-0.245		0.245	-0.276			-0.287	-0.022	0.265	-0.630	-0.024	0.606	-0.697	0.027	0.722	0.2000
0.3000	-0.219	-0.031	0.188	-0.244	-0.034	0.211	-0.258	-0.041	0.217				-0.283	-0.038	0.245	-0.416	-0.048	0.368	-0.705	0.007	0.704	0.3000
0.4000	-0.252	-0.059	0.193	-0.251	-0.055	0.196	-0.265	-0.057	0.207				-0.281	-0.058	0.222	-0.264	-0.062	0.202	-0.736	-0.022	0.683	0.4000
0.5000	-0.258	-0.067	0.191	-0.262	-0.076	0.186	-0.267	-0.076	0.191				-0.283	-0.072	0.211	-0.280	-0.062	0.218	-0.749	-0.043	0.693	0.5000
0.6000		-0.084		-0.267	-0.087	0.180	-0.270	-0.084	0.186				-0.269	-0.077	0.192	-0.278	-0.079	0.198	-0.749	-0.045	0.704	0.6000
0.7000	-0.268			-0.278	-0.091	0.187	-0.278	-0.089	0.190				-0.273	-0.091	0.181	-0.291	-0.080	0.211	-0.730	-0.042	0.707	0.7000
0.8000	-0.240	-0.100	0.140	-0.242	-0.096	0.146	-0.248	-0.095	0.154				-0.253	-0.087	0.166	-0.278	-0.064	0.214	-0.631	-0.032	0.698	0.8000
0.9000	-0.251	-0.060	0.191	-0.247	-0.051	0.195	-0.251	-0.050	0.200				-0.234	-0.034	0.199	-0.219	-0.020	0.200	-0.439	-0.024	0.607	0.9000
1.0000	-0.300	0.013	0.313	-0.291	0.044	0.335	-0.286	0.044	0.330				-0.215	0.068	0.282	-0.114	0.054	0.168	-0.152	-0.002	0.437	1.0000
									M = 1.005			α = 03.88										
0.0000	-0.130	0.286	0.415	-0.295	0.264	0.560	-0.334	0.272	0.605				-0.508	0.258	0.766	-0.565	0.210	0.775	-0.604	0.143		0.0000
0.0125	-0.171	0.237	0.408	-0.354	0.215	0.569	-0.435	0.214	0.649	-0.539	0.218	0.756	-0.536	0.212	0.748	-0.566	0.184	0.750	-0.614			0.0125
0.0250	-0.190	0.198	0.389	-0.351	0.178	0.529	-0.448	0.171	0.619	-0.565	0.175	0.740	-0.537	0.176	0.713		0.161		-0.621			0.0250
0.0420																						0.0420
0.0500	-0.162	0.149	0.312	-0.166	0.139	0.305	-0.205	0.131	0.336		0.131		-0.455	0.134	0.589	-0.573	0.122	0.695	-0.628	0.114		0.0500
0.0640																						0.0640
0.0750	-0.125	0.122	0.247	-0.155	0.117	0.272	-0.187	0.107	0.294			0.000	-0.273	0.111	0.384	-0.584	0.091	0.675	-0.633	0.097		0.0750
0.0810																						0.0810
0.1000	-0.119	0.108	0.227	-0.144	0.097	0.241	-0.193	0.094	0.287	-0.206	0.088	0.295	-0.233	0.092	0.324	-0.588	0.070	0.658	-0.636	0.083		0.1000
0.1500	-0.118	0.091	0.209	-0.152	0.081	0.233	-0.166	0.070	0.235	-0.191	0.065	0.256	-0.209	0.065	0.274	-0.577	0.044	0.620	-0.636	0.071	0.707	0.1500
0.2000	-0.125	0.075	0.200	-0.141	0.072	0.213	-0.160	0.073	0.234	-0.182			-0.201	0.047	0.247	-0.533	0.025	0.558	-0.638	0.054	0.690	0.2000
0.3000	-0.131	0.044	0.174	-0.154	0.041	0.195	-0.167	0.028	0.195				-0.203	0.022	0.225	-0.357	-0.005	0.352	-0.644	0.032	0.676	0.3000
0.4000	-0.160	0.011	0.171	-0.162	0.013	0.175	-0.181	0.004	0.185				-0.214	-0.003	0.211	-0.231	-0.026	0.205	-0.644	0.004	0.648	0.4000
0.5000	-0.179	-0.006	0.173	-0.187	-0.016	0.171	-0.202	-0.024	0.177				-0.231	-0.025	0.206	-0.246	-0.028	0.219	-0.670	-0.023	0.647	0.5000
0.6000		-0.035		-0.212	-0.038	0.174	-0.224	-0.043	0.181				-0.233	-0.040	0.194	-0.249	-0.045	0.204	-0.678	-0.037	0.640	0.6000
0.7000	-0.225			-0.236	-0.052	0.185	-0.242	-0.054	0.188				-0.247	-0.057	0.189	-0.259	-0.065	0.194	-0.673	-0.048	0.625	0.7000
0.8000	-0.218	-0.074	0.144	-0.219	-0.070	0.150	-0.229	-0.074	0.155				-0.236	-0.074	0.162	-0.269	-0.084	0.185	-0.660	-0.054	0.606	0.8000
0.9000	-0.250	-0.081	0.169	-0.242	-0.074	0.169	-0.247	-0.081	0.167				-0.248	-0.073	0.175	-0.253	-0.083	0.170	-0.528	-0.060	0.468	0.9000
1.0000	-0.322	-0.080	0.242	-0.305	-0.063	0.242	-0.298	-0.074	0.224				-0.284	-0.054	0.229	-0.210	-0.063	0.148	-0.444	-0.030	0.414	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 1.045			α = 03.88										
0.0000	-0.131	0.286	0.417	-0.318	0.246	0.564	-0.351	0.255	0.606				-0.510	0.230	0.740	-0.568	0.203	0.771	-0.581	0.155		0.0000
0.0125	-0.162	0.236	0.398	-0.367	0.196	0.563	-0.449	0.192	0.642	-0.556	0.182	0.738	-0.533	0.180	0.712	-0.565	0.173	0.738	-0.585			0.0125
0.0250	-0.181	0.194	0.375	-0.362	0.157	0.518	-0.462	0.147	0.609	-0.565	0.138	0.703	-0.537	0.141	0.677		0.147		-0.588			0.0250
0.0420																				0.115		0.0420
0.0500	-0.179	0.137	0.316	-0.184	0.112	0.296	-0.230	0.105	0.336		0.094		-0.490	0.094	0.585	-0.568	0.105	0.673	-0.591			0.0500
0.0640																				0.095		0.0640
0.0750	-0.150	0.106	0.256	-0.178	0.091	0.269	-0.212	0.076	0.288			0.000	-0.312	0.069	0.381	-0.581	0.079	0.659	-0.597			0.0750
0.0810																				0.082		0.0810
0.1000	-0.149	0.085	0.234	-0.175	0.068	0.243	-0.216	0.059	0.275	-0.245	0.049	0.294	-0.266	0.051	0.317	-0.577	0.059	0.636	-0.599	0.070	0.670	0.1000
0.1500	-0.142	0.062	0.204	-0.182	0.043	0.225	-0.192	0.034	0.226	-0.225	0.020	0.246	-0.241	0.024	0.265	-0.544	0.034	0.577	-0.599	0.053	0.652	0.1500
0.2000	-0.160	0.038	0.198	-0.165	0.035	0.200	-0.194	0.032	0.226	-0.210			-0.229	0.013	0.242	-0.485	0.015	0.500	-0.599	0.034	0.633	0.2000
0.3000	-0.157	0.001	0.158	-0.185	-0.002	0.182	-0.195	-0.004	0.191				-0.219	-0.004	0.215	-0.327	-0.010	0.317	-0.604	0.009	0.612	0.3000
0.4000	-0.184	-0.028	0.156	-0.187	-0.022	0.165	-0.192	-0.024	0.168				-0.213	-0.009	0.204	-0.236	-0.025	0.212	-0.622	-0.013	0.609	0.4000
0.5000	-0.190	-0.029	0.161	-0.190	-0.029	0.161	-0.198	-0.026	0.172				-0.216	-0.029	0.187	-0.232	-0.029	0.203	-0.624	-0.027	0.597	0.5000
0.6000		-0.036		-0.199	-0.042	0.157	-0.206	-0.041	0.166				-0.211	-0.036	0.175	-0.231	-0.043	0.187	-0.615	-0.037	0.578	0.6000
0.7000	-0.196			-0.207	-0.050	0.157	-0.209	-0.048	0.161				-0.212	-0.054	0.158	-0.233	-0.057	0.176	-0.600	-0.038	0.562	0.7000
0.8000	-0.192	-0.069	0.123	-0.196	-0.065	0.131	-0.202	-0.063	0.139				-0.211	-0.062	0.149	-0.248	-0.069	0.180	-0.544	-0.044	0.500	0.8000
0.9000	-0.222	-0.068	0.155	-0.217	-0.062	0.156	-0.219	-0.065	0.154				-0.219	-0.058	0.161	-0.225	-0.060	0.165	-0.464	-0.038	0.426	0.9000
1.0000	-0.287	-0.055	0.232	-0.273	-0.041	0.232	-0.260	-0.053	0.206				-0.237	-0.042	0.195	-0.164	-0.032	0.132	-0.360	-0.019	0.341	1.0000
									M = 1.094			α = 03.88										
0.0000	-0.071	0.296	0.366	-0.242	0.282	0.523	-0.298	0.317	0.615				-0.392	0.315	0.707	-0.504	0.254	0.759	-0.527	0.181		0.0000
0.0125	-0.093	0.250	0.342	-0.234	0.239	0.473	-0.336	0.261	0.596	-0.410	0.270	0.680	-0.427	0.263	0.690	-0.502	0.227	0.729	-0.530			0.0125
0.0250	-0.105	0.213	0.318	-0.206	0.208	0.414	-0.320	0.220	0.540	-0.422	0.226	0.648	-0.433	0.224	0.657		0.203		-0.533			0.0250
0.0420																				0.157		0.0420
0.0500	-0.099	0.167	0.266	-0.095	0.178	0.273	-0.129	0.187	0.316		0.183		-0.356	0.183	0.539	-0.506	0.165	0.672	-0.537			0.0500
0.0640																				0.140		0.0640
0.0750	-0.065	0.149	0.215	-0.088	0.169	0.257	-0.109	0.167	0.276			0.000	-0.194	0.158	0.352	-0.519	0.138	0.657	-0.542			0.0750
0.0810																				0.124		0.0810
0.1000	-0.065	0.147	0.212	-0.080	0.155	0.236	-0.118	0.154	0.271	-0.152	0.143	0.296	-0.171	0.136	0.307	-0.515	0.118	0.634	-0.545	0.113	0.658	0.1000
0.1500	-0.048	0.150	0.199	-0.082	0.143	0.225	-0.098	0.131	0.229	-0.139	0.112	0.251	-0.162	0.106	0.268	-0.488	0.093	0.581	-0.545	0.096	0.641	0.1500
0.2000	-0.071	0.140	0.211	-0.070	0.136	0.206	-0.109	0.127	0.236	-0.131			-0.156	0.088	0.244	-0.428	0.078	0.506	-0.546	0.075	0.621	0.2000
0.3000	-0.076	0.100	0.176	-0.108	0.088	0.196	-0.129	0.074	0.203				-0.162	0.063	0.224	-0.272	0.044	0.316	-0.547	0.048	0.595	0.3000
0.4000	-0.120	0.055	0.175	-0.129	0.053	0.182	-0.142	0.045	0.187				-0.168	0.052	0.221	-0.182	0.023	0.205	-0.564	0.027	0.591	0.4000
0.5000	-0.145	0.039	0.183	-0.143	0.033	0.177	-0.157	0.032	0.189				-0.175	0.027	0.202	-0.188	0.015	0.203	-0.568	0.013	0.582	0.5000
0.6000		0.022		-0.159	0.015	0.174	-0.169	0.009	0.178				-0.172	0.005	0.177	-0.190	-0.003	0.187	-0.559	0.004	0.563	0.6000
0.7000	-0.151			-0.160	-0.008	0.152	-0.163	-0.010	0.152				-0.163	-0.017	0.146	-0.185	-0.023	0.162	-0.544	0.006	0.550	0.7000
0.8000	-0.145	-0.039	0.107	-0.145	-0.036	0.109	-0.156	-0.038	0.118				-0.165	-0.038	0.127	-0.201	-0.040	0.161	-0.493	0.000	0.493	0.8000
0.9000	-0.164	-0.047	0.117	-0.159	-0.040	0.119	-0.166	-0.046	0.120				-0.162	-0.040	0.122	-0.181	-0.039	0.141	-0.426	0.008	0.434	0.9000
1.0000	-0.207	-0.041	0.166	-0.203	-0.020	0.183	-0.194	-0.035	0.159				-0.154	-0.022	0.132	-0.124	-0.022	0.102	-0.345	0.028	0.373	1.0000
									M = 1.299			α = -04.13										
0.0000	0.330	-0.171	-0.501	0.244	-0.235	-0.479	0.233	-0.264	-0.498				0.246	-0.337	-0.583	0.254	-0.416	-0.670	0.211	-0.470		0.0000
0.0125	0.226	-0.128	-0.354	0.186	-0.210	-0.396	0.182	-0.274	-0.456	0.194	-0.317	-0.511	0.194	-0.336	-0.530	0.215	-0.408	-0.623	0.213			0.0125
0.0250	0.153	-0.101	-0.254	0.146	-0.188	-0.334	0.143	-0.271	-0.414	0.171	-0.306	-0.477	0.158	-0.335	-0.493		-0.403		0.203			0.0250
0.0420																				-0.453		0.0420
0.0500	0.107	-0.088	-0.195	0.121	-0.150	-0.271	0.104	-0.225	-0.328		-0.240		0.137	-0.331	-0.468	0.141	-0.401	-0.542	0.145			0.0500
0.0640																				-0.450		0.0640
0.0750	0.102	-0.094	-0.196	0.091	-0.112	-0.203	0.097	-0.115	-0.211			0.000	0.099	-0.170	-0.269	0.128	-0.407	-0.535	0.125			0.0750
0.0810																				-0.451		0.0810
0.1000	0.084	-0.083	-0.167	0.074	-0.105	-0.179	0.076	-0.120	-0.196	0.091	-0.144	-0.235	0.089	-0.141	-0.230	0.096	-0.400	-0.496	0.115	-0.451	-0.566	0.1000
0.1500	0.065	-0.082	-0.147	0.054	-0.089	-0.142	0.066	-0.122	-0.188	0.071	-0.121	-0.193	0.074	-0.120	-0.194	0.092	-0.319	-0.411	0.096	-0.458	-0.553	0.1500
0.2000	0.044	-0.080	-0.123	0.069	-0.082	-0.152	0.055	-0.089	-0.145	0.067			0.063	-0.135	-0.198	0.067	-0.290	-0.357	0.079	-0.461	-0.541	0.2000
0.3000	0.058	-0.084	-0.141	0.047	-0.077	-0.125	0.044	-0.106	-0.150				0.052	-0.119	-0.171	0.045	-0.238	-0.283	0.062	-0.449	-0.511	0.3000
0.4000	0.042	-0.095	-0.138	0.043	-0.099	-0.142	0.038	-0.109	-0.147				0.024	-0.125	-0.148	0.047	-0.186	-0.233	0.055	-0.415	-0.470	0.4000
0.5000	0.025	-0.101	-0.126	0.027	-0.112	-0.139	0.024	-0.113	-0.136				0.027	-0.124	-0.152	0.037	-0.170	-0.208	0.035	-0.388	-0.423	0.5000
0.6000		-0.115		0.020	-0.115	-0.135	0.015	-0.124	-0.140				0.017	-0.136	-0.153	0.027	-0.161	-0.188	0.027	-0.334	-0.362	0.6000
0.7000	0.010			0.009	-0.122	-0.131	0.016	-0.122	-0.138				0.027	-0.132	-0.158	0.029	-0.164	-0.193	0.021	-0.283	-0.304	0.7000
0.8000	0.010	-0.137	-0.147	0.008	-0.135	-0.143	0.004	-0.134	-0.138				0.015	-0.138	-0.154	0.014	-0.168	-0.183	0.018	-0.247	-0.265	0.8000
0.9000	0.009	-0.117	-0.127	0.017	-0.117	-0.134	0.007	-0.134	-0.141				0.018	-0.138	-0.156	0.011	-0.164	-0.175	0.015	-0.194	-0.210	0.9000
1.0000	0.009	-0.077	-0.085	0.034	-0.070	-0.104	0.025	-0.121	-0.146				0.033	-0.133	-0.166	0.020	-0.150	-0.169	0.013	-0.126	-0.139	1.0000

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TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
										M = 1.299		α = -00.05										
0.0000	0.139	0.105	-0.034	0.043	0.078	0.035	0.018	0.056	0.038				0.005	0.050	0.045	-0.037	0.029	0.066	-0.093	-0.234		0.0000
0.0125	0.077	0.077	0.000	0.010	0.042	0.032	0.002	0.022	0.020	-0.035	-0.002	0.034	-0.013	0.019	0.032	-0.041	0.001	0.042	-0.096			0.0125
0.0250	0.032	0.055	0.023	-0.011	0.016	0.027	-0.013	-0.002	0.011	-0.024	0.001	0.026	-0.027	-0.004	0.023		-0.020		-0.100			0.0250
0.0420																				-0.090		0.0420
0.0500	-0.010	0.023	0.033	-0.015	-0.005	0.011	-0.037	-0.020	0.017		-0.012		-0.039	-0.030	0.009	-0.057	-0.038	0.019	-0.109			0.0500
0.0640																				-0.067		0.0640
0.0750	-0.009	-0.001	0.009	-0.026	-0.013	0.013	-0.041	-0.025	0.016			0.000	-0.048	-0.033	0.015	-0.069	-0.048	0.021	-0.114			0.0750
0.0810																				-0.074		0.0810
0.1000	-0.016	-0.006	0.010	-0.030	-0.021	0.010	-0.046	-0.020	0.026	-0.046	-0.038	0.007	-0.055	-0.025	0.030	-0.077	-0.050	0.027	-0.117	-0.074	0.043	0.1000
0.1500	-0.028	-0.013	0.016	-0.040	-0.023	0.017	-0.041	-0.032	0.009	-0.048	-0.039	0.009	-0.056	-0.017	0.039	-0.083	-0.062	0.022	-0.114	-0.075	0.039	0.1500
0.2000	-0.041	-0.024	0.017	-0.030	-0.013	0.017	-0.023	-0.019	0.004	-0.054			-0.046	-0.038	0.007	-0.086	-0.062	0.024	-0.112	-0.080	0.032	0.2000
0.3000	-0.025	-0.023	0.002	-0.037	-0.014	0.023	-0.051	-0.033	0.018				-0.056	-0.035	0.021	-0.085	-0.076	0.008	-0.110	-0.090	0.020	0.3000
0.4000	-0.041	-0.035	0.006	-0.038	-0.034	0.004	-0.054	-0.041	0.013				-0.055	-0.057	-0.002	-0.081	-0.070	0.011	-0.112	-0.096	0.017	0.4000
0.5000	-0.053	-0.042	0.011	-0.046	-0.053	-0.007	-0.054	-0.060	-0.006				-0.072	-0.050	0.022	-0.069	-0.072	-0.003	-0.117	-0.099	0.019	0.5000
0.6000		-0.057		-0.064	-0.058	0.006	-0.070	-0.064	0.007				-0.058	-0.070	-0.012	-0.078	-0.081	-0.003	-0.115	-0.099	0.016	0.6000
0.7000	-0.052			-0.056	-0.067	-0.011	-0.059	-0.063	-0.004				-0.058	-0.070	-0.011	-0.080	-0.088	-0.008	-0.112	-0.100	0.012	0.7000
0.8000	-0.069	-0.082	-0.013	-0.069	-0.084	-0.014	-0.072	-0.086	-0.014				-0.067	-0.080	-0.013	-0.086	-0.088	-0.002	-0.107	-0.100	0.008	0.8000
0.9000	-0.068	-0.073	-0.005	-0.066	-0.073	-0.008	-0.076	-0.080	-0.005				-0.068	-0.078	-0.011	-0.090	-0.091		-0.105	-0.095	0.009	0.9000
1.0000	-0.047	-0.050	-0.002	-0.045	-0.036	0.008	-0.070	-0.045	0.025				-0.059	-0.065	-0.006	-0.094	-0.095	-0.001	-0.104	-0.087	0.017	1.0000
										M = 1.302		α = 03.88										
0.0000	-0.139	0.301	0.439	-0.271	0.263	0.534	-0.308	0.268	0.576				-0.375	0.261	0.636	-0.425	0.199	0.624	-0.415	0.075		0.0000
0.0125	-0.114	0.242	0.356	-0.235	0.206	0.441	-0.313	0.201	0.515	-0.382	0.207	0.589	-0.361	0.206	0.567	-0.422	0.217	0.640	-0.433			0.0125
0.0250	-0.102	0.197	0.299	-0.206	0.163	0.369	-0.295	0.155	0.449	-0.375	0.164	0.539	-0.352	0.164	0.516		0$216		-0.443			0.0250
0.0420																				0.168		0.0420
0.0500	-0.114	0.146	0.260	-0.166	0.124	0.290	-0.185	0.120	0.305		0.127		-0.343	0.124	0.468	-0.422	0.154	0.576	-0.439			0.0500
0.0640																				0.164		0.0640
0.0750	-0.105	0.107	0.211	-0.122	0.101	0.223	-0.158	0.094	0.252			0.000	-0.220	0.111	0.331	-0.429	0.123	0.552	-0.442			0.0750
0.0810																				0.137		0.0810
0.1000	-0.097	0.093	0.190	-0.115	0.086	0.201	-0.149	0.088	0.237	-0.168	0.078	0.246	-0.161	0.112	0.273	-0.416	0.106	0.522	-0.442	0.123	0.565	0.1000
0.1500	-0.095	0.077	0.171	-0.110	0.067	0.177	-0.115	0.067	0.181	-0.138	0.073	0.211	-0.152	0.091	0.243	-0.360	0.092	0.452	-0.447	0.110	0.557	0.1500
0.2000	-0.099	0.057	0.157	-0.090	0.074	0.165	-0.097	0.075	0.172	-0.130			-0.129	0.066	0.195	-0.281	0.078	0.358	-0.452	0.083	0.535	0.2000
0.3000	-0.084	0.055	0.140	-0.101	0.068	0.169	-0.111	0.060	0.171				-0.137	0.065	0.201	-0.225	0.043	0.269	-0.426	0.068	0.495	0.3000
0.4000	-0.096	0.043	0.140	-0.102	0.046	0.147	-0.118	0.043	0.161				-0.119	0.038	0.157	-0.164	0.037	0.201	-0.419	0.048	0.468	0.4000
0.5000	-0.109	0.035	0.144	-0.103	0.025	0.128	-0.110	0.030	0.140				-0.136	0.033	0.169	-0.153	0.029	0.182	-0.408	0.042	0.450	0.5000
0.6000		0.020		-0.119	0.018	0.137	-0.126	0.014	0.141				-0.120	0.019	0.139	-0.148	0.015	0.162	-0.381	0.024	0.405	0.6000
0.7000	-0.100			-0.108	0.009	0.117	-0.114	0.014	0.128				-0.125	0.004	0.128	-0.143	0.014	0.157	-0.357	0.023	0.380	0.7000
0.8000	-0.128	-0.010	0.117	-0.126	-0.008	0.118	-0.126	-0.002	0.124				-0.120	0.016	0.136	-0.159	0.006	0.166	-0.327	0.024	0.351	0.8000
0.9000	-0.121	0.002	0.122	-0.121	0.000	0.121	-0.130	-0.011	0.119				-0.136	-0.011	0.125	-0.153	-0.004	0.149	-0.258	0.030	0.288	0.9000
1.0000	-0.078	0.032	0.109	-0.092	0.034	0.126	-0.126	-0.013	0.113				-0.174	-0.077	0.097	-0.124	-0.017	0.107	-0.151	0.038	0.190	1.0000
										M = 1.298		α = 07.81										
0.0000	-0.305	0.384	0.689	-0.479	0.323	0.802	-0.500	0.317	0.817				-0.502	0.293	0.795	-0.483	0.258	0.741	-0.483	0.247		0.0000
0.0125	-0.404	0.340	0.744	-0.474	0.293	0.767	-0.495	0.282	0.777	-0.537	0.278	0.815	-0.497	0.280	0.777	-0.486	0.268	0.754	-0.494			0.0125
0.0250	-0.421	0.302	0.724	-0.473	0.267	0.740	-0.493	0.254	0.748	-0.537	0.258	0.795	-0.493	0.268	0.761		0$270		-0.500			0.0250
0.0420																				0.244		0.0420
0.0500	-0.216	0.244	0.460	-0.482	0.226	0.708	-0.496	0.222	0.718		0.218		-0.490	0.247	0.737	-0.489	0.251	0.740	-0.499			0.0500
0.0640																				0.240		0.0640
0.0750	-0.189	0.203	0.392	-0.401	0.201	0.603	-0.483	0.201	0.684			0.000	-0.497	0.229	0.725	-0.489	0.228	0.717	-0.502			0.0750
0.0810																				0.236		0.0810
0.1000	-0.192	0.191	0.383	-0.279	0.182	0.461	-0.461	0.185	0.646	-0.488	0.186	0.673	-0.499	0.203	0.703	-0.491	0.214	0.705	-0.501	0.227	0.727	0.1000
0.1500	-0.177	0.164	0.341	-0.154	0.161	0.315	-0.345	0.164	0.508	-0.376	0.179	0.555	-0.478	0.170	0.648	-0.496	0.181	0.677	-0.502	0.219	0.721	0.1500
0.2000	-0.165	0.146	0.310	-0.156	0.160	0.316	-0.186	0.185	0.371	-0.295			-0.463	0.169	0.632	-0.501	0.164	0.665	-0.506	0.200	0.706	0.2000
0.3000	-0.157	0.143	0.300	-0.152	0.149	0.301	-0.155	0.141	0.296				-0.265	0.133	0.398	-0.512	0.152	0.663	-0.503	0.183	0.686	0.3000
0.4000	-0.161	0.117	0.277	-0.166	0.124	0.290	-0.172	0.112	0.284				-0.152	0.137	0.289	-0.517	0.129	0.646	-0.505	0.172	0.677	0.4000
0.5000	-0.172	0.109	0.281	-0.174	0.105	0.280	-0.180	0.106	0.286				-0.182	0.104	0.286	-0.526	0.120	0.646	-0.516	0.155	0.670	0.5000
0.6000		0.101		-0.176	0.097	0.273	-0.175	0.098	0.273				-0.178	0.094	0.272	-0.524	0.105	0.629	-0.524	0.135	0.659	0.6000
0.7000	-0.169			-0.176	0.086	0.262	-0.183	0.090	0.272				-0.177	0.102	0.279	-0.496	0.111	0.606	-0.531	0.120	0.651	0.7000
0.8000	-0.185	0.072	0.258	-0.182	0.075	0.258	-0.185	0.074	0.259				-0.187	0.084	0.271	-0.374	0.104	0.478	-0.535	0.115	0.650	0.8000
0.9000	-0.178	0.090	0.268	-0.178	0.094	0.272	-0.188	0.089	0.278				-0.191	0.090	0.281	-0.161	0.079	0.240	-0.531	0.106	0.637	0.9000
1.0000	-0.147	0.130	0.277	-0.162	0.142	0.304	-0.193	0.134	0.326				-0.189	0.119	0.309	0.144	0.036	-0.108	-0.520	0.092	0.612	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 1.301 α = 11.89																					
0.0000	-0.521	0.424	0.944	-0.576	0.367	0.943	-0.577	0.335	0.912				-0.543	0.309	0.851	-0.525	0.231	0.756	-0.514	0.294		0.0000
0.0125	-0.560	0.427	0.987	-0.571	0.376	0.948	-0.571	0.348	0.919	-0.561	0.325	0.886	-0.537	0.338	0.875	-0.524	0.284	0.808	-0.531			0.0125
0.0250	-0.573	0.419	0.992	-0.573	0.375	0.947	-0.568	0.352	0.920	-0.563	0.337	0.900	-0.534	0.353	0.887		0.318		-0.541			0.0250
0.0420																				0.308		0.0420
0.0500	-0.521	0.371	0.892	-0.593	0.338	0.931	-0.572	0.328	0.900		0.332		-0.536	0.339	0.874	-0.524	0.324	0.848	-0.540			0.0500
0.0640																				0.317		0.0640
0.0750	-0.384	0.335	0.719	-0.590	0.317	0.907	-0.585	0.306	0.890			0.000	-0.543	0.331	0.874	-0.528	0.322	0.850	-0.543			0.0750
0.0810																				0.324		0.0810
0.1000	-0.279	0.307	0.586	-0.571	0.292	0.862	-0.595	0.290	0.885	-0.582	0.310	0.892	-0.553	0.318	0.871	-0.528	0.316	0.844	-0.543	0.322	0.865	0.1000
0.1500	-0.234	0.273	0.507	-0.490	0.259	0.749	-0.592	0.285	0.877	-0.603	0.286	0.888	-0.579	0.288	0.867	-0.539	0.298	0.838	-0.543	0.315	0.858	0.1500
0.2000	-0.214	0.248	0.462	-0.212	0.275	0.487	-0.576	0.285	0.861	-0.598			-0.590	0.265	0.855	-0.548	0.281	0.829	-0.546	0.295	0.842	0.2000
0.3000	-0.199	0.253	0.452	-0.191	0.246	0.437	-0.225	0.241	0.466				-0.591	0.248	0.839	-0.571	0.257	0.829	-0.550	0.283	0.833	0.3000
0.4000	-0.209	0.214	0.423	-0.214	0.218	0.432	-0.204	0.220	0.423				-0.559	0.232	0.791	-0.597	0.251	0.849	-0.564	0.258	0.822	0.4000
0.5000	-0.223	0.206	0.429	-0.220	0.209	0.429	-0.218	0.209	0.426				-0.333	0.210	0.543	-0.622	0.248	0.870	-0.576	0.235	0.811	0.5000
0.6000		0.199		-0.225	0.197	0.422	-0.223	0.200	0.423				-0.218	0.219	0.437	-0.624	0.225	0.849	-0.577	0.228	0.805	0.6000
0.7000	-0.213			-0.228	0.216	0.444	-0.226	0.225	0.451				-0.205	0.217	0.422	-0.624	0.195	0.819	-0.581	0.218	0.800	0.7000
0.8000	-0.223	0.175	0.398	-0.228	0.179	0.407	-0.231	0.173	0.403				-0.219	0.164	0.383	-0.632	0.173	0.805	-0.581	0.197	0.778	0.8000
0.9000	-0.224	0.153	0.378	-0.227	0.159	0.386	-0.232	0.154	0.386				-0.220	0.158	0.378	-0.617	0.156	0.772	-0.603	0.197	0.709	0.9000
1.0000	-0.218	0.126	0.343	-0.226	0.156	0.383	-0.230	0.170	0.400				-0.210	0.198	0.408	-0.580	0.142	0.722	-0.347	0.218	0.565	1.0000
	M = 1.300 α = 15.91																					
0.0000	-0.632	0.477	1.109	-0.651	0.399	1.049	-0.635	0.338	0.973				-0.594	0.298	0.892	-0.579	0.215	0.794	-0.577	0.244		0.0000
0.0125	-0.646	0.521	1.167	-0.644	0.448	1.092	-0.629	0.402	1.031	-0.607	0.367	0.974	-0.586	0.373	0.959	-0.577	0.318	0.895	-0.592			0.0125
0.0250	-0.655	0.540	1.195	-0.643	0.475	1.117	-0.626	0.440	1.066	-0.606	0.429	1.035	-0.581	0.421	1.002		0.387		-0.600			0.0250
0.0420																				0.346		0.0420
0.0500	-0.657	0.501	1.159	-0.654	0.458	1.112	-0.628	0.438	1.065		0.440		-0.585	0.431	1.017	-0.577	0.423	1.000	-0.599			0.0500
0.0640																				0.369		0.0640
0.0750	-0.639	0.466	1.105	-0.676	0.439	1.114	-0.638	0.425	1.063			0.000	-0.588	0.431	1.019	-0.582	0.432	1.014	-0.598			0.0750
0.0810																				0.374		0.0810
0.1000	-0.558	0.438	0.996	-0.674	0.417	1.091	-0.670	0.422	1.092	-0.632	0.420	1.052	-0.596	0.421	1.017	-0.584	0.431	1.015	-0.597	0.381	0.978	0.1000
0.1500	-0.350	0.399	0.749	-0.652	0.398	1.050	-0.682	0.402	1.084	-0.673	0.396	1.068	-0.649	0.401	1.051	-0.592	0.414	1.006	-0.597	0.384	0.981	0.1500
0.2000	-0.288	0.378	0.666	-0.529	0.398	0.927	-0.686	0.396	1.082	-0.679			-0.666	0.385	1.052	-0.596	0.393	0.989	-0.602	0.384	0.986	0.2000
0.3000	-0.255	0.359	0.613	-0.329	0.357	0.686	-0.568	0.359	0.927				-0.665	0.375	1.040	-0.604	0.365	0.970	-0.603	0.377	0.981	0.3000
0.4000	-0.271	0.326	0.597	-0.294	0.344	0.638	-0.396	0.352	0.748				-0.682	0.370	1.053	-0.670	0.337	1.006	-0.603	0.361	0.964	0.4000
0.5000	-0.273	0.342	0.615	-0.287	0.350	0.638	-0.324	0.347	0.671				-0.630	0.326	0.955	-0.674	0.336	1.010	-0.611	0.344	0.955	0.5000
0.6000		0.312		-0.281	0.305	0.585	-0.301	0.302	0.603				-0.547	0.302	0.849	-0.663	0.315	0.978	-0.607	0.326	0.933	0.6000
0.7000	-0.243			-0.271	0.285	0.555	-0.288	0.289	0.577				-0.451	0.299	0.750	-0.661	0.309	0.969	-0.607	0.315	0.922	0.7000
0.8000	-0.271	0.269	0.540	-0.282	0.286	0.568	-0.297	0.289	0.586				-0.387	0.287	0.674	-0.673	0.293	0.965	-0.615	0.307	0.922	0.8000
0.9000	-0.267	0.262	0.529	-0.271	0.276	0.546	-0.292	0.270	0.562				-0.334	0.268	0.602	-0.669	0.268	0.937	-0.633	0.306	0.939	0.9000
1.0000	-0.232	0.264	0.495	-0.237	0.254	0.491	-0.274	0.233	0.506				-0.294	0.241	0.535	-0.650	0.234	0.884	-0.660	0.312	0.972	1.0000
	M = 1.502 α = 03.78																					
0.0000	-0.093	0.266	0.359	-0.244	0.233	0.478	-0.240	0.249	0.489				-0.311	0.254	0.565	-0.407	0.205	0.612	-0.494	0.322		0.0000
0.0125	-0.101	0.209	0.310	-0.207	0.181	0.388	-0.250	0.182	0.432	-0.304	0.185	0.489	-0.297	0.195	0.492	-0.372	0.195	0.566	-0.456			0.0125
0.0250	-0.107	0.165	0.272	-0.179	0.142	0.321	-0.248	0.135	0.383	-0.287	0.146	0.433	-0.287	0.154	0.442	-0.349	0.181	0.530	-0.431			0.0250
0.0420																				0.189		0.0420
0.0500	-0.116	0.116	0.232	-0.148	0.103	0.251	-0.208	0.102	0.310		0.112		-0.285	0.124	0.409	-0.341	0.144	0.485	-0.425			0.0500
0.0640																				0.148		0.0640
0.0750	-0.107	0.088	0.195	-0.131	0.084	0.215	-0.184	0.087	0.271		0.093		-0.253	0.096	0.349	-0.341	0.109	0.450	-0.419			0.0750
0.0810																				0.129		0.0810
0.1000	-0.105	0.078	0.183	-0.113	0.067	0.180	-0.151	0.077	0.228	-0.135	0.077	0.212	-0.158	0.090	0.247	-0.341	0.103	0.444	-0.417	0.114	0.532	0.1000
0.1500	-0.097	0.057	0.154	-0.111	0.062	0.173	-0.132	0.073	0.205	-0.125	0.063	0.188	-0.128	0.076	0.204	-0.321	0.091	0.411	-0.415	0.103	0.518	0.1500
0.2000	-0.096	0.052	0.148	-0.085	0.056	0.142	-0.096	0.064	0.159	-0.102			-0.110	0.060	0.170	-0.226	0.073	0.299	-0.416	0.093	0.509	0.2000
0.3000	-0.075	0.040	0.115	-0.071	0.049	0.119	-0.084	0.055	0.139				-0.101	0.052	0.153	-0.168	0.042	0.210	-0.386	0.076	0.462	0.3000
0.4000	-0.068	0.027	0.095	-0.079	0.036	0.115	-0.080	0.034	0.114				-0.100	0.046	0.145	-0.140	0.040	0.181	-0.322	0.047	0.369	0.4000
0.5000	-0.089	0.018	0.107	-0.091	0.018	0.109	-0.096	0.030	0.126				-0.107	0.029	0.136	-0.139	0.030	0.169	-0.229	0.032	0.261	0.5000
0.6000		0.021		-0.092	0.013	0.105	-0.099	0.016	0.115				-0.107	0.023	0.129	-0.137	0.018	0.155	-0.217	0.019	0.237	0.6000
0.7000	-0.083			-0.097	0.007	0.104	-0.104	0.011	0.116				-0.109	0.016	0.124	-0.130	0.011	0.141	-0.200	0.014	0.214	0.7000
0.8000	-0.120	0.001	0.121	-0.113	0.007	0.120	-0.109	0.015	0.124				-0.108	0.016	0.124	-0.130	-0.004	0.126	-0.187	0.008	0.194	0.8000
0.9000	-0.113	0.011	0.124	-0.115	0.009	0.125	-0.119	0.012	0.131				-0.119		0.119	-0.136	-0.007	0.128	-0.176	0.006	0.182	0.9000
1.0000	-0.063	0.033	0.096	-0.104	0.013	0.117	-0.135	0.003	0.138				-0.141	-0.032	0.109	-0.148	0.000	0.148	-0.170	0.008	0.178	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
										M = 1.701		α = 03.73										
0.0000	-0.066	0.255	0.320	-0.151	0.254	0.405	-0.181	0.230	0.412				-0.260	0.209	0.469	-0.287	0.286	0.573	-0.314	0.094		0.0000
0.0125	-0.060	0.203	0.262	-0.124	0.199	0.323	-0.169	0.192	0.361	-0.220	0.234	0.454	-0.237	0.188	0.425	-0.282	0.230	0.513	-0.315			0.0125
0.0250	-0.057	0.164	0.221	-0.105	0.158	0.263	-0.159	0.161	0.320	-0.207	0.192	0.399	-0.219	0.168	0.387		0.187		-0.316			0.0250
0.0420																				0.130		0.0420
0.0500	-0.061	0.129	0.190	-0.095	0.118	0.213	-0.142	0.127	0.269		0.149		-0.200	0.131	0.331	-0.267	0.140	0.407	-0.319			0.0500
0.0640																				0.127		0.0640
0.0750	-0.057	0.103	0.160	-0.091	0.104	0.195	-0.125	0.097	0.222			0.000	-0.187	0.103	0.291	-0.255	0.114	0.370	-0.304			0.0750
0.0810																				0.114		0.0810
0.1000	-0.063	0.097	0.160	-0.090	0.083	0.173	-0.115	0.076	0.190	-0.144	0.082	0.226	-0.177	0.087	0.263	-0.244	0.082	0.326	-0.294	0.102	0.397	0.1000
0.1500	-0.071	0.074	0.145	-0.087	0.063	0.150	-0.102	0.074	0.176	-0.126	0.059	0.185	-0.166	0.072	0.238	-0.236	0.070	0.305	-0.290	0.088	0.378	0.1500
0.2000	-0.072	0.052	0.124	-0.071	0.066	0.137	-0.079	0.067	0.146	-0.100			-0.122	0.056	0.178	-0.236	0.060	0.296	-0.283	0.073	0.355	0.2000
0.3000	-0.062	0.049	0.111	-0.068	0.043	0.111	-0.081	0.059	0.140				-0.099	0.043	0.142	-0.230	0.051	0.281	-0.280	0.060	0.341	0.3000
0.4000	-0.071	0.017	0.089	-0.075	0.022	0.096	-0.083	0.035	0.118				-0.095	0.033	0.128	-0.160	0.030	0.190	-0.277	0.038	0.315	0.4000
0.5000	-0.080	0.029	0.109	-0.081	0.034	0.115	-0.083	0.023	0.106				-0.092	0.030	0.122	-0.118	0.027	0.145	-0.278	0.023	0.301	0.5000
0.6000		0.026		-0.083	0.025	0.108	-0.086	0.025	0.111				-0.096	0.025	0.121	-0.119	0.015	0.135	-0.248	0.016	0.264	0.6000
0.7000	-0.063			-0.081	0.016	0.097	-0.091	0.026	0.118				-0.098	0.021	0.119	-0.117	0.020	0.137	-0.228	0.011	0.239	0.7000
0.8000	-0.106	0.005	0.111	-0.102	0.006	0.108	-0.096	0.008	0.105				-0.099	0.012	0.111	-0.118	0.019	0.137	-0.205	0.017	0.222	0.8000
0.9000	-0.105	-0.012	0.094	-0.104	-0.009	0.096	-0.109	-0.006	0.104				-0.105		0.105	-0.118	0.005	0.123	-0.182	0.024	0.206	0.9000
1.0000	-0.058	-0.031	0.027	-0.088	-0.029	0.060	-0.131	-0.017	0.114				-0.114	-0.015	0.099	-0.116	-0.021	0.095	-0.159	0.033	0.192	1.0000
										M = 1.906		α = 03.93										
0.0000	-0.071	0.284	0.354	-0.119	0.259	0.378	-0.112	0.245	0.356				-0.160	0.212	0.372	-0.166	0.252	0.418	-0.154	0.187		0.0000
0.0125	-0.065	0.218	0.283	-0.107	0.209	0.316	-0.125	0.196	0.320	-0.156	0.223	0.379	-0.155	0.209	0.364	-0.163	0.212	0.375	-0.182			0.0125
0.0250	-0.062	0.171	0.233	-0.098	0.170	0.268	-0.130	0.162	0.293	-0.145	0.185	0.330	-0.149	0.202	0.352		0.181		-0.199			0.0250
0.0420																				0.151		0.0420
0.0500	-0.065	0.132	0.196	-0.089	0.124	0.213	-0.120	0.143	0.264		0.145		-0.136	0.179	0.315	-0.161	0.146	0.307	-0.193			0.0500
0.0640																				0.135		0.0640
0.0750	-0.058	0.107	0.165	-0.085	0.107	0.191	-0.109	0.118	0.227			0.000	-0.134	0.130	0.264	-0.166	0.124	0.290	-0.193			0.0750
0.0810																				0.125		0.0810
0.1000	-0.056	0.104	0.160	-0.081	0.095	0.175	-0.102	0.107	0.209	-0.119	0.104	0.223	-0.129	0.117	0.246	-0.166	0.112	0.278	-0.189	0.116	0.305	0.1000
0.1500	-0.051	0.087	0.138	-0.070	0.090	0.160	-0.097	0.095	0.192	-0.112	0.084	0.196	-0.126	0.098	0.224	-0.168	0.088	0.256	-0.188	0.104	0.292	0.1500
0.2000	-0.054	0.078	0.131	-0.060	0.083	0.143	-0.068	0.092	0.160	-0.089			-0.117	0.084	0.201	-0.154	0.078	0.232	-0.202	0.091	0.293	0.2000
0.3000	-0.058	0.058	0.116	-0.056	0.068	0.124	-0.070	0.084	0.154				-0.088	0.074	0.162	-0.161	0.053	0.214	-0.176	0.071	0.247	0.3000
0.4000	-0.055	0.043	0.098	-0.059	0.048	0.106	-0.069	0.055	0.124				-0.078	0.054	0.132	-0.154	0.043	0.198	-0.186	0.052	0.238	0.4000
0.5000	-0.065	0.032	0.096	-0.066	0.032	0.098	-0.070	0.025	0.095				-0.079	0.031	0.110	-0.125	0.032	0.157	-0.190	0.040	0.231	0.5000
0.6000		0.021		-0.065	0.013	0.078	-0.073	0.013	0.086				-0.078	0.019	0.097	-0.099	0.021	0.120	-0.189	0.026	0.215	0.6000
0.7000	-0.039			-0.066	0.021	0.087	-0.073	0.016	0.089				-0.075	0.021	0.097	-0.093	0.019	0.112	-0.187	0.022	0.209	0.7000
0.8000	-0.085	0.002	0.087	-0.080	0.008	0.087	-0.078	0.021	0.099				-0.078	0.014	0.092	-0.095	0.013	0.108	-0.184	0.020	0.205	0.8000
0.9000	-0.080	-0.002	0.078	-0.077	0.000	0.077	-0.084	0.006	0.089				-0.079	0.012	0.090	-0.090	0.006	0.096	-0.179	0.028	0.207	0.9000
1.0000	-0.025	-0.001	0.024	-0.058	-0.002	0.056	-0.091	-0.031	0.060				-0.076	0.014	0.091	-0.078	-0.001	0.077	-0.171	0.044	0.215	1.0000
										M = 2.227		α = -03.78										
0.0000	0.231	-0.032	-0.262	0.210	-0.037	-0.247	0.189	-0.037	-0.227				0.220	-0.043	-0.263	0.211	-0.046	-0.257	0.251	-0.092		0.0000
0.0125	0.172	-0.028	-0.200	0.163	-0.040	-0.203	0.158	-0.050	-0.208	0.164	-0.043	-0.207	0.174	-0.044	-0.218	0.181	-0.046	-0.227	0.186			0.0125
0.0250	0.127	-0.026	-0.154	0.128	-0.042	-0.170	0.131	-0.058	-0.189	0.135	-0.059	-0.194	0.140	-0.043	-0.184		-0.049		0.141			0.0250
0.0420																				-0.066		0.0420
0.0500	0.083	-0.027	-0.110	0.092	-0.044	-0.135	0.093	-0.058	-0.151		-0.066		0.104	-0.041	-0.145	0.116	-0.061	-0.177	0.112			0.0500
0.0640																				-0.067		0.0640
0.0750	0.077	-0.032	-0.110	0.074	-0.043	-0.118	0.077	-0.057	-0.134			0.000	0.084	-0.046	-0.130	0.093	-0.065	-0.158	0.094			0.0750
0.0810																				-0.076		0.0810
0.1000	0.064	-0.031	-0.096	0.064	-0.045	-0.109	0.064	-0.052	-0.116	0.068	-0.052	-0.119	0.070	-0.058	-0.128	0.080	-0.074	-0.154	0.085	-0.075	-0.160	0.1000
0.1500	0.055	-0.028	-0.083	0.051	-0.046	-0.097	0.050	-0.046	-0.096	0.049	-0.049	-0.098	0.054	-0.054	-0.108	0.059	-0.082	-0.141	0.071	-0.075	-0.146	0.1500
0.2000	0.044	-0.029	-0.074	0.045	-0.041	-0.086	0.044	0.025	-0.018	0.046			0.047	-0.053	-0.100	0.053	-0.076	-0.129	0.058	-0.077	-0.135	0.2000
0.3000	0.031	-0.036	-0.067	0.030	-0.016	-0.045	0.028	-0.048	-0.076				0.036	-0.052	-0.088	0.039	-0.082	-0.122	0.056	-0.081	-0.136	0.3000
0.4000	0.016	-0.035	-0.051	0.017	-0.035	-0.052	0.017	-0.044	-0.061				0.022	-0.042	-0.064	0.037	-0.084	-0.120	0.035	-0.083	-0.118	0.4000
0.5000	0.011	-0.036	-0.046	0.011	-0.038	-0.049	0.013	-0.044	-0.057				0.013	-0.043	-0.056	0.025	-0.081	-0.106	0.028	-0.086	-0.115	0.5000
0.6000		-0.042		0.012	-0.046	-0.058	0.007	-0.050	-0.057				0.010	-0.051	-0.061	0.018	-0.082	-0.101	0.024	-0.095	-0.120	0.6000
0.7000	0.048			0.012	-0.044	-0.055	0.010	-0.046	-0.056				0.011	-0.051	-0.062	0.013	-0.070	-0.083	0.023	-0.093	-0.116	0.7000
0.8000	0.005	-0.054	-0.060	0.009	-0.050	-0.059	0.012	-0.050	-0.063				0.008	-0.047	-0.055	0.004	-0.070	-0.074	0.019	-0.092	-0.111	0.8000
0.9000	0.009	-0.053	-0.062	0.006	-0.049	-0.055	0.001	-0.053	-0.054				0.010	-0.048	-0.058	0.008	-0.065	-0.073	0.015	-0.090	-0.105	0.9000
1.0000	0.060	-0.046	-0.106	0.002	-0.042	-0.044	-0.023	-0.055	-0.031				0.017	-0.055	-0.073	0.025	-0.054	-0.079	0.012	-0.087	-0.099	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 2.230 α = 00.30																					
0.0000	0.105	0.118	0.012	0.084	0.112	0.029	0.015	0.122	0.106				-0.019	0.229	0.248	0.048	0.174	0.126	0.018	-0.114		0.0000
0.0125	0.068	0.082	0.014	0.055	0.077	0.022	0.037	0.091	0.054	0.033	0.114	0.081	0.027	0.142	0.115	0.046	0.127	0.081	0.020			0.0125
0.0250	0.041	0.057	0.016	0.033	0.050	0.017	0.047	0.068	0.021	0.038	0.074	0.037	0.050	0.082	0.032		0.092		0.018			0.0250
0.0420																				0.014		0.0420
0.0500	0.015	0.035	0.020	0.009	0.022	0.012	0.030	0.044	0.015		0.034		0.030	0.046	0.016	0.030	0.056	0.026	0.001			0.0500
0.0640																				0.031		0.0640
0.0750	0.011	0.019	0.008		0.012	0.013	0.005	0.013	0.008			0.000	-0.001	0.023	0.024	0.012	0.028	0.016	-0.007			0.0750
0.0810																				0.019		0.0810
0.1000	0.005	0.016	0.011	-0.003	0.006	0.009	-0.004	0.002	0.006	-0.008	0.009	0.017	-0.010	0.014	0.024	-0.002	0.012	0.014	-0.016	0.014	0.030	0.1000
0.1500	-0.001	0.008	0.009	-0.009	-0.002	0.008	-0.011	0.001	0.012	-0.019	0.004	0.024	-0.013	0.007	0.020	-0.017	0.002	0.018	-0.024	0.007	0.031	0.1500
0.2000	-0.010	-0.001	0.009	-0.012	0.000	0.012	-0.018	0.026	0.044	-0.022			-0.020	-0.003	0.016	-0.029	-0.004	0.025	-0.031	0.000	0.031	0.2000
0.3000	-0.017	-0.010	0.007	-0.020	0.014	0.035	-0.020	0.002	0.022				-0.024	-0.008	0.016	-0.027	-0.019	0.008	-0.039	-0.007	0.032	0.3000
0.4000	-0.028	-0.012	0.016	-0.027	-0.014	0.014	-0.029	-0.013	0.015				-0.025	-0.011	0.014	-0.037	-0.021	0.016	-0.047	-0.018	0.029	0.4000
0.5000	-0.031	-0.015	0.016	-0.030	-0.016	0.013	-0.030	-0.020	0.010				-0.028	-0.011	0.017	-0.033	-0.025	0.009	-0.054	-0.026	0.028	0.5000
0.6000		-0.022		-0.026	-0.023	0.003	-0.031	-0.020	0.011				-0.034	-0.016	0.019	-0.038	-0.025	0.014	-0.057	-0.029	0.027	0.6000
0.7000	0.013			-0.027	-0.022	0.005	-0.035	-0.026	0.009				-0.034	-0.023	0.010	-0.038	-0.030	0.008	-0.057	-0.037	0.020	0.7000
0.8000	-0.030	-0.033	-0.003	-0.031	-0.026	0.005	-0.033	-0.024	0.010				-0.033	-0.025	0.009	-0.039	-0.032	0.007	-0.057	-0.038	0.019	0.8000
0.9000	-0.028	-0.031	-0.003	-0.030	-0.029	0.001	-0.032	-0.026	0.006				-0.032	-0.025	0.007	-0.044	-0.037	0.007	-0.056	-0.032	0.024	0.9000
1.0000	0.020	-0.023	-0.043	-0.025	-0.032	-0.007	-0.032	-0.034	-0.003				-0.030	-0.025	0.005	-0.051	-0.043	0.008	-0.054	-0.020	0.034	1.0000
	M = 2.231 α = 04.08																					
0.0000	-0.050	0.260	0.310	-0.054	0.239	0.293	-0.072	0.224	0.296				-0.056	0.306	0.362	-0.072	0.219	0.291	0.131	0.098		0.0000
0.0125	-0.052	0.198	0.250	-0.066	0.192	0.258	-0.074	0.191	0.265	-0.090	0.251	0.341	-0.072	0.244	0.316	-0.075	0.209	0.284	-0.009			0.0125
0.0250	-0.054	0.154	0.208	-0.073	0.155	0.229	-0.076	0.166	0.241	-0.090	0.195	0.285	-0.081	0.198	0.280		0.196		-0.096			0.0250
0.0420																				0.151		0.0420
0.0500	-0.057	0.121	0.178	-0.077	0.112	0.190	-0.079	0.141	0.220		0.138		-0.081	0.152	0.233	-0.083	0.158	0.241	-0.111			0.0500
0.0640																				0.151		0.0640
0.0750	-0.058	0.093	0.150	-0.074	0.093	0.167	-0.085	0.109	0.194			0.000	-0.087	0.122	0.209	-0.087	0.135	0.222	-0.109			0.0750
0.0810																				0.138		0.0810
0.1000	-0.059	0.086	0.145	-0.072	0.080	0.152	-0.083	0.086	0.169	-0.093	0.098	0.191	-0.092	0.103	0.196	-0.094	0.112	0.206	-0.109	0.127	0.236	0.1000
0.1500	-0.054	0.069	0.123	-0.073	0.063	0.136	-0.083	0.072	0.155	-0.090	0.088	0.178	-0.094	0.079	0.172	-0.103	0.094	0.197	-0.109	0.120	0.229	0.1500
0.2000	-0.059	0.055	0.114	-0.070	0.058	0.129	-0.084	0.096	0.180	-0.090			-0.094	0.064	0.158	-0.106	0.082	0.188	-0.113	0.107	0.220	0.2000
0.3000	-0.059	0.039	0.098	-0.061	0.062	0.123	-0.083	0.069	0.152				-0.091	0.053	0.145	-0.112	0.067	0.180	-0.122	0.093	0.215	0.3000
0.4000	-0.064	0.032	0.095	-0.065	0.034	0.098	-0.075	0.045	0.120				-0.088	0.045	0.133	-0.110	0.059	0.169	-0.113	0.073	0.186	0.4000
0.5000	-0.065	0.027	0.092	-0.063	0.028	0.091	-0.068	0.030	0.097				-0.079	0.039	0.119	-0.113	0.047	0.160	-0.122	0.061	0.183	0.5000
0.6000		0.017		-0.059	0.017	0.077	-0.064	0.025	0.089				-0.072	0.028	0.100	-0.114	0.041	0.155	-0.127	0.044	0.171	0.6000
0.7000	-0.013			-0.061	0.018	0.078	-0.062	0.018	0.080				-0.066	0.023	0.089	-0.112	0.030	0.142	-0.127	0.043	0.169	0.7000
0.8000	-0.061	0.005	0.066	-0.064	0.015	0.079	-0.063	0.018	0.081				-0.068	0.020	0.088	-0.108	0.021	0.130	-0.125	0.040	0.165	0.8000
0.9000	-0.059	0.010	0.069	-0.061	0.012	0.073	-0.069	0.014	0.083				-0.068	0.015	0.083	-0.101	0.015	0.116	-0.121	0.038	0.159	0.9000
1.0000	-0.008	0.021	0.029	-0.054	0.008	0.062	-0.080	0.006	0.085				-0.065	0.008	0.073	-0.091	0.010	0.101	-0.115	0.039	0.153	1.0000
	M = 2.238 α = 08.26																					
0.0000	-0.127	0.353	0.480	-0.116	0.319	0.435	-0.126	0.322	0.448				-0.148	0.297	0.445	-0.122	0.358	0.480	-0.159	0.273		0.0000
0.0125	-0.119	0.292	0.411	-0.124	0.278	0.402	-0.130	0.274	0.404	-0.138	0.279	0.417	-0.139	0.280	0.419	-0.124	0.319	0.443	-0.149			0.0125
0.0250	-0.114	0.248	0.361	-0.129	0.245	0.374	-0.133	0.238	0.371	-0.138	0.270	0.408	-0.133	0.261	0.394		0.290		-0.145			0.0250
0.0420																				0.260		0.0420
0.0500	-0.113	0.210	0.323	-0.130	0.199	0.329	-0.133	0.204	0.337		0.224		-0.128	0.221	0.349	-0.130	0.260	0.390	-0.152			0.0500
0.0640																				0.247		0.0640
0.0750	-0.115	0.177	0.293	-0.129	0.180	0.309	-0.132	0.184	0.315			0.000	-0.134	0.200	0.334	-0.133	0.239	0.372	-0.149			0.0750
0.0810																				0.233		0.0810
0.1000	-0.117	0.170	0.286	-0.126	0.162	0.288	-0.130	0.163	0.293	-0.133	0.186	0.318	-0.135	0.188	0.323	-0.134	0.215	0.348	-0.148	0.225	0.373	0.1000
0.1500	-0.111	0.146	0.257	-0.125	0.139	0.264	-0.129	0.151	0.281	-0.133	0.175	0.308	-0.133	0.171	0.304	-0.139	0.193	0.332	-0.147	0.214	0.361	0.1500
0.2000	-0.093	0.125	0.217	-0.124	0.130	0.254	-0.130	0.172	0.302	-0.135			-0.136	0.154	0.290	-0.144	0.169	0.313	-0.151	0.196	0.347	0.2000
0.3000	-0.086	0.103	0.190	-0.118	0.122	0.241	-0.130	0.128	0.258				-0.135	0.132	0.267	-0.135	0.151	0.286	-0.156	0.174	0.331	0.3000
0.4000	-0.085	0.090	0.176	-0.084	0.092	0.175	-0.126	0.109	0.235				-0.133	0.116	0.249	-0.142	0.129	0.271	-0.143	0.151	0.293	0.4000
0.5000	-0.083	0.084	0.167	-0.080	0.085	0.165	-0.118	0.094	0.212				-0.133	0.108	0.241	-0.142	0.118	0.260	-0.154	0.141	0.295	0.5000
0.6000		0.070		-0.078	0.072	0.150	-0.087	0.080	0.167				-0.130	0.092	0.222	-0.145	0.103	0.248	-0.158	0.137	0.295	0.6000
0.7000	-0.032			-0.082	0.070	0.152	-0.082	0.074	0.156				-0.125	0.083	0.208	-0.145	0.096	0.241	-0.157	0.125	0.282	0.7000
0.8000	-0.080	0.054	0.134	-0.085	0.064	0.149	-0.081	0.072	0.153				-0.118	0.075	0.193	-0.143	0.086	0.229	-0.153	0.118	0.271	0.8000
0.9000	-0.081	0.060	0.141	-0.081	0.062	0.143	-0.087	0.067	0.154				-0.117	0.070	0.187	-0.140	0.078	0.219	-0.150	0.116	0.265	0.9000
1.0000	-0.036	0.074	0.110	-0.071	0.064	0.135	-0.102	0.058	0.160				-0.121	0.068	0.189	-0.137	0.073	0.210	-0.146	0.119	0.265	1.0000

NACA

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Concluded

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
										M = 2.231		α = 12.09										
0.0000	-0.166	0.379	0.545	-0.148	0.358	0.507	-0.157	0.350	0.507				-0.183	0.349	0.532	-0.154	0.332	0.486	-0.124	0.302		0.0000
0.0125	-0.158	0.354	0.512	-0.151	0.335	0.487	-0.158	0.325	0.483	-0.165	0.334	0.499	-0.164	0.339	0.502	-0.153	0.334	0.486	-0.153			0.0125
0.0250	-0.153	0.331	0.484	-0.155	0.314	0.469	-0.158	0.306	0.464	-0.167	0.318	0.485	-0.153	0.327	0.480		0.331		-0.169			0.0250
0.0420																				0.316		0.0420
0.0500	-0.149	0.292	0.442	-0.162	0.277	0.439	-0.160	0.278	0.438		0.288		-0.154	0.301	0.455	-0.151	0.311	0.462	-0.163			0.0500
0.0640																				0.310		0.0640
0.0750	-0.153	0.255	0.409	-0.161	0.256	0.417	-0.160	0.253	0.413			0.000	-0.157	0.283	0.440	-0.152	0.293	0.445	-0.164			0.0750
0.0810																				0.299		0.0810
0.1000	-0.155	0.242	0.396	-0.159	0.233	0.392	-0.160	0.243	0.403	-0.160	0.257	0.417	-0.158	0.265	0.423	-0.153	0.289	0.435	-0.161	0.294	0.455	0.1000
0.1500	-0.158	0.215	0.373	-0.156	0.212	0.368	-0.162	0.221	0.383	-0.160	0.234	0.394	-0.154	0.240	0.394	-0.164	0.262	0.426	-0.160	0.280	0.440	0.1500
0.2000	-0.156	0.192	0.349	-0.154	0.209	0.363	-0.163	0.248	0.411	-0.160			-0.158	0.219	0.377	-0.152	0.246	0.398	-0.173	0.269	0.442	0.2000
0.3000	-0.123	0.171	0.295	-0.166	0.190	0.356	-0.167	0.180	0.347				-0.157	0.197	0.354	-0.164	0.217	0.380	-0.148	0.252	0.400	0.3000
0.4000	-0.107	0.164	0.271	-0.158	0.170	0.328	-0.168	0.170	0.338				-0.162	0.186	0.348	-0.160	0.199	0.359	-0.166	0.235	0.401	0.4000
0.5000	-0.106	0.150	0.256	-0.123	0.150	0.273	-0.164	0.153	0.317				-0.166	0.166	0.332	-0.166	0.185	0.351	-0.172	0.222	0.395	0.5000
0.6000		0.135		-0.104	0.138	0.242	-0.161	0.142	0.303				-0.165	0.152	0.317	-0.167	0.168	0.335	-0.172	0.204	0.376	0.6000
0.7000	-0.050			-0.103	0.136	0.239	-0.136	0.140	0.276				-0.161	0.142	0.303	-0.165	0.156	0.321	-0.170	0.196	0.366	0.7000
0.8000	-0.100	0.113	0.214	-0.106	0.126	0.232	-0.116	0.132	0.248				-0.167	0.137	0.305	-0.165	0.145	0.309	-0.166	0.186	0.352	0.8000
0.9000	-0.104	0.121	0.225	-0.101	0.127	0.228	-0.116	0.125	0.240				-0.165	0.129	0.294	-0.165	0.134	0.299	-0.163	0.183	0.347	0.9000
1.0000	-0.062	0.141	0.203	-0.088	0.138	0.226	-0.136	0.118	0.254				-0.156	0.117	0.272	-0.165	0.124	0.289	-0.161	0.189	0.350	1.0000
										M = 2.239		α = 16.31										
0.0000	-0.196	0.393	0.589	-0.188	0.377	0.565	-0.188	0.374	0.562				-0.222	0.374	0.596	-0.179	0.351	0.530	-0.156	0.340		0.0000
0.0125	-0.190	0.418	0.608	-0.186	0.380	0.566	-0.188	0.380	0.567	-0.187	0.377	0.564	-0.191	0.389	0.580	-0.177	0.381	0.558	-0.179			0.0125
0.0250	-0.186	0.424	0.610	-0.186	0.376	0.562	-0.188	0.380	0.567	-0.189	0.389	0.578	-0.174	0.396	0.569		0.398		-0.191			0.0250
0.0420																				0.386		0.0420
0.0500	-0.183	0.379	0.561	-0.191	0.351	0.543	-0.188	0.363	0.550		0.372		-0.184	0.379	0.562	-0.175	0.395	0.570	-0.184			0.0500
0.0640																				0.389		0.0640
0.0750	-0.186	0.340	0.526	-0.190	0.339	0.529	-0.188	0.344	0.532			0.000	-0.184	0.369	0.553	-0.175	0.383	0.558	-0.184			0.0750
0.0810																				0.382		0.0810
0.1000	-0.187	0.325	0.512	-0.187	0.322	0.509	-0.188	0.339	0.526	-0.182	0.338	0.520	-0.186	0.356	0.542	-0.176	0.372	0.548	-0.183	0.380	0.563	0.1000
0.1500	-0.190	0.293	0.483	-0.185	0.309	0.495	-0.189	0.310	0.499	-0.184	0.321	0.505	-0.183	0.333	0.516	-0.189	0.352	0.541	-0.182	0.370	0.552	0.1500
0.2000	-0.183	0.275	0.458	-0.185	0.302	0.488	-0.190	0.334	0.524	-0.185			-0.186	0.318	0.504	-0.175	0.334	0.509	-0.194	0.359	0.553	0.2000
0.3000	-0.156	0.259	0.416	-0.189	0.282	0.471	-0.189	0.277	0.466				-0.186	0.287	0.473	-0.189	0.304	0.492	-0.167	0.340	0.506	0.3000
0.4000	-0.141	0.249	0.390	-0.183	0.253	0.436	-0.191	0.252	0.443				-0.184	0.274	0.459	-0.186	0.285	0.471	-0.190	0.319	0.508	0.4000
0.5000	-0.134	0.225	0.359	-0.165	0.233	0.397	-0.186	0.239	0.425				-0.188	0.250	0.438	-0.191	0.270	0.461	-0.192	0.305	0.497	0.5000
0.6000		0.224		-0.149	0.224	0.374	-0.184	0.228	0.412				-0.188	0.237	0.425	-0.190	0.252	0.442	-0.193	0.285	0.478	0.6000
0.7000	-0.070			-0.144	0.213	0.358	-0.172	0.221	0.393				-0.185	0.226	0.411	-0.190	0.244	0.434	-0.190	0.276	0.466	0.7000
0.8000	-0.128	0.191	0.319	-0.142	0.209	0.350	-0.162	0.215	0.378				-0.188	0.216	0.405	-0.192	0.242	0.434	-0.186	0.269	0.455	0.8000
0.9000	-0.138	0.200	0.338	-0.133	0.207	0.340	-0.162	0.205	0.367				-0.186	0.211	0.397	-0.191	0.229	0.419	-0.183	0.269	0.452	0.9000
1.0000	-0.099	0.226	0.326	-0.117	0.210	0.327	-0.171	0.190	0.362				-0.177	0.211	0.388	-0.186	0.204	0.391	-0.180	0.276	0.457	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4°$

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.699 α = -04.23																					
0.0000	0.106	-0.090	-0.197	0.063	-0.162	-0.225	0.075	-0.280	-0.355				0.168	-0.472	-0.641	0.177	-0.615	-0.792	0.177	-0.565		0.0000
0.0125	0.044	-0.091	-0.135	0.035	-0.155	-0.189	0.053	-0.243	-0.297	0.083	-0.393	-0.476	0.134	-0.547	-0.682	0.159	-0.623	-0.782	0.170			0.0125
0.0250	0.002	-0.096	-0.098	0.014	-0.152	-0.166	0.035	-0.219	-0.254	0.091	-0.339	-0.430	0.108	-0.561	-0.669	0.141	-0.628	-0.770	0.159			0.0250
0.0420																				-0.542		0.0420
0.0500	-0.016	-0.119	-0.103	-0.002	-0.157	-0.156	0.009	-0.207	-0.216		-0.251		0.076	-0.405	-0.481	0.103	-0.631	-0.734	0.131			0.0500
0.0640																				-0.539		0.0640
0.0750	-0.016	-0.131	-0.114	-0.012	-0.161	-0.149	0.010	-0.203	-0.213	-0.007	-0.234	-0.227	0.049	-0.248	-0.297	0.082	-0.646	-0.728	0.120			0.0750
0.0810																				-0.542		0.0810
0.1000	-0.025	-0.136	-0.110	-0.009	-0.170	-0.161	-0.003	-0.201	-0.197	0.006	-0.229	-0.234	0.026	-0.239	-0.265	0.070	-0.658	-0.728	0.098	-0.544	-0.642	0.1000
0.1500	-0.025	-0.146	-0.121	-0.010	-0.171	-0.161	-0.008	-0.198	-0.190	-0.008	-0.221	-0.213	0.019	-0.224	-0.243	0.042	-0.565	-0.607	0.083	-0.544	-0.627	0.1500
0.2000	-0.025	-0.158	-0.134	-0.011	-0.176	-0.165	-0.010	-0.200	-0.191	-0.013			0.007	-0.218	-0.225	0.022	-0.329	-0.351	0.067	-0.550	-0.616	0.2000
0.3000	-0.027	-0.178	-0.151	-0.021	-0.182	-0.162	-0.023	-0.198	-0.175				-0.002	-0.199	-0.197	0.006	-0.188	-0.194	0.052	-0.566	-0.619	0.3000
0.4000	-0.029	-0.181	-0.152	-0.024	-0.182	-0.158	-0.030	-0.197	-0.167				-0.012	-0.187	-0.175	-0.003	-0.188	-0.184	0.022	-0.564	-0.585	0.4000
0.5000	-0.033	-0.169	-0.136	-0.021	-0.176	-0.155	-0.026	-0.191	-0.165				-0.017	-0.173	-0.156	-0.009	-0.167	-0.158	0.011	-0.518	-0.528	0.5000
0.6000		-0.158		-0.016	-0.159	-0.143	-0.027	-0.177	-0.150				-0.018	-0.163	-0.145	-0.010	-0.158	-0.148	0.003	-0.396	-0.399	0.6000
0.7000	-0.030			-0.025	-0.136	-0.111	-0.029	-0.143	-0.114				-0.020	-0.135	-0.115	-0.013	-0.120	-0.107	-0.007	-0.253	-0.247	0.7000
0.8000	-0.039	-0.110	-0.071	-0.031	-0.106	-0.075	-0.033	-0.122	-0.089				-0.022	-0.105	-0.083	-0.015	-0.091	-0.076	-0.009	-0.118	-0.108	0.8000
0.9000	-0.032	-0.062	-0.030	-0.022	-0.055	-0.033	-0.033	-0.065	-0.032				-0.012	-0.065	-0.054	-0.007	-0.046	-0.039	-0.018	-0.022	-0.004	0.9000
1.0000	-0.010	0.002	0.012	0.001	0.015	0.015	-0.029	0.028	0.058				0.011	-0.015	-0.026	0.010	0.013	0.003	-0.032	0.035	0.067	1.0000
	M = 0.696 α = -00.20																					
0.0000	0.008	0.033	0.025	-0.070	0.007	0.077	-0.085	-0.059	0.026				0.016	-0.025	-0.041	-0.010	-0.043	-0.033	-0.001	-0.073		0.0000
0.0125	-0.035	-0.002	0.033	-0.075	-0.026	0.049	-0.091	-0.048	0.043	-0.023	0.025	0.047	-0.042	-0.059	-0.016	-0.028	-0.041	-0.013	-0.016			0.0125
0.0250	-0.064	-0.028	0.036	-0.080	-0.050	0.030	-0.097	-0.046	0.051	-0.032	0.004	0.036	-0.082	-0.082		-0.041	-0.041	0.000	-0.027			0.0250
0.0420																				-0.041		0.0420
0.0500	-0.079	-0.056	0.023	-0.089	-0.070	0.019	-0.110	-0.068	0.042		-0.018		-0.105	-0.101	0.004	-0.050	-0.043	0.007	-0.037			0.0500
0.0640																				-0.036		0.0640
0.0750	-0.081	-0.067	0.015	-0.096	-0.078	0.018	-0.109	-0.089	0.021	-0.041	-0.029	0.012	-0.115	-0.105	0.010	-0.051	-0.040	0.011	-0.046			0.0750
0.0810																				-0.038		0.0810
0.1000	-0.091	-0.072	0.019	-0.089	-0.084	0.005	-0.113	-0.101	0.012	-0.047	-0.034	0.013	-0.121	-0.110	0.011	-0.051	-0.044	0.007	-0.046	-0.037	0.009	0.1000
0.1500	-0.098	-0.079	0.019	-0.098	-0.086	0.012	-0.113	-0.103	0.010	-0.043	-0.037	0.005	-0.119	-0.113	0.006	-0.036	-0.041	-0.005	-0.043	-0.037	0.005	0.1500
0.2000	-0.099	-0.085	0.014	-0.098	-0.089	0.010	-0.110	-0.105	0.005	-0.037			-0.117	-0.112	0.006	-0.027	-0.040	-0.012	-0.037	-0.038	-0.001	0.2000
0.3000	-0.107	-0.100	0.007	-0.103	-0.095	0.008	-0.110	-0.106	0.004				-0.112	-0.108	0.004	-0.015	-0.040	-0.025	-0.036	-0.037	-0.001	0.3000
0.4000	-0.107	-0.107		-0.101	-0.101		-0.111	-0.109	0.002				-0.102	-0.104	-0.003	-0.001	-0.035	-0.034	-0.027	-0.030	-0.003	0.4000
0.5000	-0.102	-0.101	0.001	-0.093	-0.102	-0.009	-0.095	-0.110	-0.014				-0.094	-0.102	-0.008	0.006	-0.017	-0.023	-0.013	-0.016	-0.003	0.5000
0.6000		-0.101		-0.077	-0.095	-0.018	-0.092	-0.103	-0.011				-0.078	-0.098	-0.020	0.017	-0.012	-0.029	-0.004	-0.008	-0.004	0.6000
0.7000	-0.082			-0.078	-0.089	-0.011	-0.087	-0.098	-0.011				-0.072	-0.094	-0.022	0.045	0.003	-0.042	0.008	0.006	-0.002	0.7000
0.8000	-0.079	-0.077	0.002	-0.070	-0.071		-0.081	-0.085	-0.005				-0.061	-0.083	-0.022	0.000	0.018	0.018	0.029	0.030	0.001	0.8000
0.9000	-0.058	-0.044	0.013	-0.047	-0.035	0.011	-0.059	-0.067	-0.008				-0.026	-0.034	-0.008	-0.017	0.048	0.066	0.039	0.058	0.019	0.9000
1.0000	-0.019	0.002	0.021	-0.008	0.016	0.025	-0.022	-0.041	-0.019				0.032	0.053	0.021	-0.008	0.094	0.102	0.037	0.091	0.054	1.0000
	M = 0.695 α = 03.73																					
0.0000	-0.113	0.123	0.235	-0.275	0.113	0.388	-0.505	0.081	0.586				-0.512	0.193	0.705	-0.652	0.171	0.822	-0.540	0.117		0.0000
0.0125	-0.141	0.078	0.219	-0.234	0.073	0.307	-0.356	0.085	0.441	-0.542	0.119	0.661	-0.615	0.144	0.759	-0.649	0.160	0.808	-0.547			0.0125
0.0250	-0.158	0.045	0.203	-0.207	0.045	0.251	-0.262	0.081	0.343	-0.357	0.081	0.438	-0.620	0.110	0.730	-0.649	0.148	0.797	-0.551			0.0250
0.0420																				0.141		0.0420
0.0500	-0.161	0.015	0.176	-0.192	0.020	0.213	-0.239	0.049	0.288		0.048		-0.334	0.089	0.423	-0.658	0.123	0.780	-0.550			0.0500
0.0640																				0.132		0.0640
0.0750	-0.157	0.002	0.159	-0.196	0.011	0.208	-0.229	0.032	0.261	-0.267	0.025	0.292	-0.288	0.056	0.344	-0.669	0.094	0.763	-0.551			0.0750
0.0810																				0.116		0.0810
0.1000	-0.169	-0.002	0.167	-0.182	0.006	0.188	-0.223	0.017	0.239	-0.264	0.016	0.280	-0.272	0.041	0.313	-0.676	0.066	0.742	-0.553	0.101	0.654	0.1000
0.1500	-0.176	-0.004	0.173	-0.191	0.003	0.193	-0.222	0.010	0.231	-0.251	0.000	0.252	-0.245	0.028	0.273	-0.640	0.052	0.692	-0.552	0.088	0.640	0.1500
0.2000	-0.179	-0.007	0.172	-0.190	0.000	0.190	-0.214		0.213	-0.226			-0.224	0.014	0.238	-0.429	0.028	0.456	-0.553	0.067	0.620	0.2000
0.3000	-0.191	-0.019	0.172	-0.192	-0.013	0.180	-0.206	-0.008	0.199				-0.205	-0.007	0.198	-0.177	0.009	0.186	-0.568	0.039	0.607	0.3000
0.4000	-0.183	-0.029	0.153	-0.182	-0.024	0.159	-0.193	-0.017	0.176				-0.188	-0.012	0.176	-0.169	-0.008	0.161	-0.573	0.016	0.589	0.4000
0.5000	-0.172	-0.031	0.142	-0.165	-0.031	0.134	-0.173	-0.031	0.142				-0.164	-0.015	0.149	-0.158	-0.010	0.148	-0.547	0.006	0.553	0.5000
0.6000		-0.037		-0.140	-0.034	0.106	-0.164	-0.031	0.133				-0.140	-0.027	0.113	-0.140	-0.015	0.125	-0.449	-0.004	0.446	0.6000
0.7000	-0.131			-0.128	-0.036	0.092	-0.140	-0.035	0.105				-0.122	-0.030	0.092	-0.112	-0.021	0.092	-0.338	-0.005	0.332	0.7000
0.8000	-0.115	-0.036	0.079	-0.109	-0.031	0.078	-0.120	-0.033	0.087				-0.100	-0.023	0.078	-0.088	-0.020	0.068	-0.179	-0.016	0.163	0.8000
0.9000	-0.078	-0.019	0.059	-0.071	-0.012	0.059	-0.088	-0.026	0.062				-0.052	-0.003	0.049	-0.044	-0.011	0.034	-0.080	-0.008	0.072	0.9000
1.0000	-0.022	0.009	0.030	-0.014	0.020	0.034	-0.044	-0.016	0.028				0.022	0.027	0.006	0.019	0.008	-0.010	-0.040	0.018	0.058	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued
(b) BVWC $\delta = -0.4^\circ$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.697 α = 07.66																					
0.0000	-0.434	0.201	0.635	-1.084	0.162	1.247	-0.572	0.143	0.715				-0.869	0.103	0.972	-0.812	0.013	0.825	-0.640	0.080		0.0000
0.0125	-0.364	0.175	0.539	-0.701	0.159	0.860	-0.876	0.150	1.027	-0.915	0.141	1.056	-0.882	0.156	1.038	-0.806	0.123	0.929	-0.642			0.0125
0.0250	-0.315	0.153	0.468	-0.448	0.153	0.601	-0.963	0.154	1.117	-0.934	0.174	1.108	-0.917	0.186	1.103	-0.803	0.190	0.993	-0.644			0.0250
0.0420																				0.183		0.0420
0.0500	-0.281	0.123	0.404	-0.330	0.134	0.463	-0.482	0.152	0.634		0.164		-1.053	0.177	1.231	-0.808	0.195	1.002	-0.646			0.0500
0.0640																				0.197		0.0640
0.0750	-0.269	0.109	0.378	-0.330	0.123	0.453	-0.315	0.138	0.454	-0.821	0.145	0.965	-1.257	0.173	1.429	-0.826	0.186	1.012	-0.646			0.0750
0.0810																				0.188		0.0810
0.1000	-0.282	0.102	0.383	-0.322	0.111	0.433	-0.347	0.124	0.470	-0.286	0.134	0.420	-1.170	0.152	1.323	-0.851	0.174	1.025	-0.644	0.183	0.827	0.1000
0.1500	-0.294	0.095	0.389	-0.317	0.100	0.417	-0.339	0.101	0.440	-0.325	0.113	0.438	-0.384	0.125	0.509	-0.871	0.152	1.023	-0.642	0.174	0.815	0.1500
0.2000	-0.296	0.088	0.384	-0.311	0.094	0.405	-0.326	0.099	0.425	-0.328			-0.284	0.107	0.391	-1.021	0.138	1.159	-0.639	0.162	0.802	0.2000
0.3000	-0.307	0.069	0.376	-0.308	0.076	0.385	-0.313	0.076	0.389				-0.284	0.088	0.372	-1.223	0.108	1.330	-0.653	0.127	0.781	0.3000
0.4000	-0.287	0.052	0.339	-0.288	0.058	0.346	-0.291	0.053	0.344				-0.277	0.068	0.345	-0.911	0.079	0.990	-0.650	0.106	0.756	0.4000
0.5000	-0.266	0.043	0.310	-0.255	0.042	0.298	-0.256	0.043	0.299				-0.245	0.053	0.299	-0.400	0.065	0.465	-0.615	0.079	0.695	0.5000
0.6000		0.029		-0.216	0.028	0.244	-0.221	0.035	0.256				-0.219	0.037	0.256	-0.152	0.048	0.200	-0.622	0.064	0.685	0.6000
0.7000	-0.190			-0.190	0.018	0.208	-0.193	0.015	0.208				-0.177	0.026	0.203	-0.084	0.031	0.115	-0.709	0.034	0.743	0.7000
0.8000	-0.155	0.006	0.161	-0.149	0.010	0.160	-0.157	0.009	0.166				-0.139	0.016	0.156	-0.051	0.022	0.073	-0.787	-0.002	0.786	0.8000
0.9000	-0.099	0.005	0.105	-0.094	0.015	0.109	-0.097	0.006	0.103				-0.065	0.019	0.084	-0.009	0.015	0.024	-0.753	-0.057	0.696	0.9000
1.0000	-0.023	0.012	0.035	-0.023	0.032	0.055	-0.011	0.009	0.020				0.046	0.034	-0.012	0.043	0.010	-0.033	-0.606	-0.133	0.473	1.0000
	M = 0.702 α = 11.74																					
0.0000	-1.726	0.226	1.952	-0.629	0.113	0.742	-1.135	0.000	1.136				-1.166	-0.071	1.095	-1.053	-0.209	0.844	-0.839	0.099		0.0000
0.0125	-0.976	0.256	1.232	-1.236	0.190	1.426	-1.198	0.130	1.328	-1.230	0.068	1.297	-1.187	0.088	1.276	-1.048	-0.006	1.042	-0.839			0.0125
0.0250	-0.517	0.269	0.786	-1.465	0.236	1.700	-1.276	0.211	1.487	-1.240	0.196	1.436	-1.206	0.192	1.397	-1.046	0.131	1.176	-0.838			0.0250
0.0420																				0.137		0.0420
0.0500	-0.471	0.248	0.719	-0.789	0.234	1.024	-1.479	0.229	1.708		0.238		-1.233	0.230	1.462	-1.049	0.203	1.252	-0.834			0.0500
0.0640																				0.165		0.0640
0.0750	-0.443	0.232	0.676	-0.442	0.228	0.670	-1.412	0.223	1.635	-1.390	0.229	1.620	-1.260	0.239	1.499	-1.063	0.225	1.287	-0.830			0.0750
0.0810																				0.190		0.0810
0.1000	-0.448	0.220	0.667	-0.454	0.217	0.671	-0.750	0.218	0.968	-1.594	0.220	1.814	-1.345	0.232	1.577	-1.075	0.222	1.297	-0.827	0.198	1.025	0.1000
0.1500	-0.461	0.206	0.666	-0.464	0.201	0.664	-0.478	0.198	0.676	-1.005	0.202	1.206	-1.688	0.215	1.903	-1.110	0.214	1.325	-0.815	0.200	1.015	0.1500
0.2000	-0.450	0.189	0.640	-0.462	0.192	0.654	-0.456	0.186	0.641	-0.544			-1.183	0.193	1.377	-1.128	0.200	1.328	-0.799	0.195	0.994	0.2000
0.3000	-0.455	0.160	0.615	-0.454	0.166	0.620	-0.451	0.159	0.610				-0.490	0.168	0.658	-1.111	0.168	1.279	-0.788	0.173	0.961	0.3000
0.4000	-0.422	0.135	0.557	-0.423	0.143	0.566	-0.423	0.130	0.554				-0.390	0.149	0.539	-1.449	0.144	1.593	-0.787	0.144	0.931	0.4000
0.5000	-0.393	0.120	0.513	-0.380	0.118	0.498	-0.370	0.120	0.490				-0.350	0.126	0.476	-1.427	0.127	1.553	-0.742	0.117	0.858	0.5000
0.6000		0.097		-0.319	0.098	0.417	-0.324	0.098	0.422				-0.297	0.096	0.393	-1.002	0.096	1.399	-0.662	0.077	0.740	0.6000
0.7000	-0.279			-0.274	0.075	0.349	-0.271	0.079	0.350				-0.248	0.074	0.322	-0.644	0.077	0.721	-0.580	0.036	0.616	0.7000
0.8000	-0.218	0.049	0.267	-0.213	0.054	0.267	-0.213	0.063	0.275				-0.192	0.061	0.253	-0.383	0.054	0.438	-0.511	-0.011	0.500	0.8000
0.9000	-0.135	0.032	0.167	-0.135	0.040	0.175	-0.130	0.037	0.167				-0.097	0.038	0.136	-0.188	0.013	0.202	-0.468	-0.104	0.364	0.9000
1.0000	-0.032	0.019	0.051	-0.040	0.033	0.073	-0.024	0.002	0.026				0.036	0.007	-0.030	-0.060	-0.047	0.013	-0.451	-0.243	0.208	1.0000
	M = 0.696 α = 15.72																					
0.0000	-1.313	0.206	1.520	-1.303	0.011	1.314	-1.511	-0.161	1.350				-1.420	-0.273	1.147	-1.316	-0.441	0.875	-0.981	-0.216		0.0000
0.0125	-1.747	0.310	2.057	-1.549	0.175	1.725	-1.518	0.074	1.592	-1.465	-0.032	1.433	-1.436	-0.005	1.431	-1.290	-0.153	1.137	-0.974			0.0125
0.0250	-1.778	0.371	2.149	-1.682	0.281	1.963	-1.529	0.227	1.757	-1.476	0.188	1.664	-1.453	0.174	1.627	-1.276	0.046	1.323	-0.967			0.0250
0.0420																				0.076		0.0420
0.0500	-0.633	0.369	1.002	-1.605	0.316	1.921	-1.564	0.289	1.853		0.269		-1.494	0.261	1.755	-1.281	0.179	1.460	-0.958			0.0500
0.0640																				0.150		0.0640
0.0750	-0.624	0.355	0.979	-1.576	0.320	1.896	-1.800	0.299	2.099	-1.591	0.287	1.878	-1.545	0.293	1.838	-1.288	0.241	1.528	-0.951			0.0750
0.0810																				0.170		0.0810
0.1000	-0.638	0.339	0.977	-0.953	0.313	1.267	-1.940	0.305	2.245	-1.622	0.293	1.915	-1.523	0.294	1.816	-1.311	0.254	1.564	-0.941	0.191	1.132	0.1000
0.1500	-0.636	0.312	0.948	-0.630	0.301	0.931	-1.119	0.290	1.409	-1.893	0.282	2.175	-1.557	0.293	1.849	-1.395	0.263	1.658	-0.918	0.212	1.131	0.1500
0.2000	-0.605	0.289	0.894	-0.614	0.290	0.904	-0.745	0.275	1.020	-1.350			-1.926	0.281	2.207	-1.383	0.256	1.639	-0.895	0.219	1.114	0.2000
0.3000	-0.610	0.245	0.855	-0.610	0.262	0.872	-0.631	0.248	0.879				-1.173	0.254	1.427	-1.289	0.231	1.520	-0.876	0.207	1.084	0.3000
0.4000	-0.585	0.213	0.799	-0.577	0.230	0.807	-0.577	0.216	0.794				-0.749	0.228	0.976	-1.251	0.202	1.453	-0.868	0.178	1.046	0.4000
0.5000	-0.530	0.189	0.719	-0.510	0.200	0.710	-0.506	0.192	0.698				-0.560	0.198	0.757	-1.563	0.182	1.745	-0.796	0.148	0.945	0.5000
0.6000		0.160		-0.440	0.169	0.609	-0.441	0.163	0.605				-0.457	0.162	0.619	-1.583	0.144	1.727	-0.682	0.104	0.786	0.6000
0.7000	-0.363			-0.376	0.137	0.514	-0.378	0.136	0.514				-0.375	0.130	0.505	-1.246	0.109	1.355	-0.607	0.059	0.666	0.7000
0.8000	-0.283	0.093	0.376	-0.284	0.103	0.386	-0.298	0.097	0.395				-0.290	0.094	0.385	-0.936	0.059	0.995	-0.559	-0.002	0.556	0.8000
0.9000	-0.179	0.057	0.236	-0.181	0.070	0.251	-0.192	0.063	0.255				-0.176	0.063	0.239	-0.642	-0.013	0.630	-0.513	-0.109	0.404	0.9000
1.0000	-0.051	0.019	0.070	-0.069	0.039	0.107	-0.061	0.032	0.093				-0.032	0.036	0.067	-0.364	-0.106	0.259	-0.471	-0.261	0.210	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.904 α = 03.73																					
0.0000	-0.031	0.131	0.162	-0.181	0.105	0.286	-0.294	0.090	0.384				-0.419	0.185	0.603	-0.648	0.161	0.809	-0.582	0.134		0.0000
0.0125	-0.077	0.085	0.161	-0.162	0.068	0.230	-0.247	0.082	0.329	-0.412	0.110	0.522	-0.512	0.137	0.648	-0.640	0.154	0.794	-0.585			0.0125
0.0250	-0.106	0.051	0.157	-0.150	0.042	0.192	-0.217	0.070	0.288	-0.443	0.076	0.519	-0.528	0.101	0.629	-0.637	0.142	0.778	-0.587			0.0250
0.0420																				0.135		0.0420
0.0500	-0.113	0.023	0.137	-0.149	0.022	0.170	-0.210	0.035	0.245		0.036		-0.331	0.067	0.397	-0.644	0.103	0.748	-0.591			0.0500
0.0640																				0.125		0.0640
0.0750	-0.118	0.008	0.126	-0.157	0.013	0.170	-0.208	0.024	0.233	-0.249	0.021	0.270	-0.304	0.056	0.359	-0.662	0.074	0.736	-0.593			0.0750
0.0810																				0.112		0.0810
0.1000	-0.134	0.003	0.138	-0.167	0.005	0.172	-0.200	0.012	0.212	-0.249	0.012	0.261	-0.269	0.039	0.308	-0.670	0.056	0.726	-0.593	0.103	0.696	0.1000
0.1500	-0.157	0.001	0.159	-0.173	0.005	0.177	-0.206	0.002	0.209	-0.238	-0.001	0.236	-0.265	0.025	0.290	-0.654	0.035	0.688	-0.592	0.090	0.681	0.1500
0.2000	-0.159	-0.004	0.156	-0.187	0.003	0.189	-0.208	-0.001	0.207	-0.237			-0.250	0.012	0.261	-0.551	0.019	0.570	-0.594	0.068	0.662	0.2000
0.3000	-0.200	-0.018	0.182	-0.206	-0.011	0.195	-0.216	-0.009	0.207				-0.240		0.240	-0.208	0.007	0.215	-0.602	0.049	0.650	0.3000
0.4000	-0.212	-0.029	0.183	-0.215	-0.022	0.193	-0.230	-0.017	0.213				-0.234	-0.011	0.223	-0.202	-0.009	0.193	-0.630	0.025	0.655	0.4000
0.5000	-0.215	-0.031	0.184	-0.207	-0.033	0.173	-0.220	-0.032	0.188				-0.225	-0.018	0.207	-0.193	-0.010	0.182	-0.632	0.016	0.648	0.5000
0.6000		-0.037		-0.178	-0.036	0.142	-0.195	-0.037	0.158				-0.200	-0.026	0.174	-0.192	-0.018	0.174	-0.617	0.009	0.626	0.6000
0.7000	-0.161			-0.161	-0.038	0.123	-0.172	-0.035	0.137				-0.173	-0.031	0.142	-0.169	-0.022	0.147	-0.530	0.009	0.539	0.7000
0.8000	-0.146	-0.036	0.110	-0.142	-0.031	0.111	-0.155	-0.033	0.122				-0.162	-0.029	0.133	-0.102	-0.015	0.086	-0.349	0.006	0.356	0.8000
0.9000	-0.093	-0.014	0.079	-0.084	-0.004	0.080	-0.112	-0.018	0.094				-0.128	-0.008	0.120	-0.033	0.002	0.036	-0.121	0.008	0.129	0.9000
1.0000	-0.004	0.023	0.027	0.015	0.043	0.029	-0.043	0.009	0.052				-0.071	0.031	0.102	0.036	0.031	-0.004	0.156	0.013	-0.143	1.0000
	M = 0.951 α = 03.77																					
0.0000	-0.023	0.133	0.156	-0.165	0.097	0.262	-0.268	0.109	0.377				-0.422	0.170	0.593	-0.681	0.143	0.824	-0.667	0.103		0.0000
0.0125	-0.073	0.085	0.158	-0.153	0.061	0.214	-0.231	0.071	0.302	-0.400	0.101	0.501	-0.497	0.122	0.619	-0.667	0.127	0.794	-0.669			0.0125
0.0250	-0.105	0.049	0.154	-0.146	0.034	0.180	-0.210	0.044	0.254	-0.445	0.063	0.508	-0.509	0.086	0.594	-0.661	0.109	0.769	-0.672			0.0250
0.0420																				0.093		0.0420
0.0500	-0.113	0.016	0.129	-0.148	0.010	0.159	-0.212	0.022	0.235		0.028		-0.348	0.047	0.395	-0.671	0.067	0.738	-0.675			0.0500
0.0640																				0.079		0.0640
0.0750	-0.116	-0.003	0.113	-0.150	0.002	0.152	-0.209	0.008	0.218	-0.246	0.010	0.256	-0.286	0.036	0.322	-0.685	0.037	0.721	-0.680			0.0750
0.0810																				0.063		0.0810
0.1000	-0.133	-0.008	0.125	-0.170	-0.008	0.162	-0.209	-0.005	0.204	-0.253	0.000	0.253	-0.274	0.016	0.291	-0.689	0.020	0.708	-0.684	0.049	0.733	0.1000
0.1500	-0.161	-0.010	0.151	-0.181	-0.012	0.170	-0.216	-0.017	0.199	-0.237	-0.016	0.222	-0.270	-0.005	0.265	-0.645	-0.006	0.639	-0.688	0.031	0.719	0.1500
0.2000	-0.165	-0.017	0.148	-0.198	-0.016	0.182	-0.219	-0.025	0.194	-0.250			-0.260	-0.020	0.240	-0.550	-0.018	0.532	-0.689	0.021	0.710	0.2000
0.3000	-0.216	-0.037	0.179	-0.231	-0.035	0.196	-0.249	-0.036	0.214				-0.261	-0.031	0.230	-0.289	-0.042	0.247	-0.693	-0.011	0.682	0.3000
0.4000	-0.242	-0.055	0.187	-0.244	-0.050	0.194	-0.264	-0.049	0.215				-0.264	-0.045	0.219	-0.277	-0.058	0.218	-0.722	-0.033	0.689	0.4000
0.5000	-0.252	-0.063	0.189	-0.251	-0.069	0.182	-0.264	-0.060	0.204				-0.269	-0.061	0.208	-0.285	-0.051	0.235	-0.735	-0.035	0.701	0.5000
0.6000		-0.077		-0.258	-0.079	0.179	-0.266	-0.074	0.191				-0.256	-0.067	0.189	-0.280	-0.073	0.207	-0.736	-0.031	0.705	0.6000
0.7000	-0.255			-0.257	-0.083	0.174	-0.263	-0.080	0.182				-0.252	-0.076	0.175	-0.272	-0.069	0.203	-0.703	-0.022	0.681	0.7000
0.8000	-0.237	-0.088	0.150	-0.238	-0.084	0.153	-0.252	-0.083	0.169				-0.244	-0.083	0.161	-0.264	-0.049	0.215	-0.544	-0.019	0.525	0.8000
0.9000	-0.209	-0.050	0.158	-0.211	-0.041	0.170	-0.219	-0.059	0.160				-0.188	-0.025	0.162	-0.154	-0.012	0.143	-0.259	-0.002	0.257	0.9000
1.0000	-0.169	0.015	0.184	-0.177	0.047	0.224	-0.164	-0.009	0.155				-0.083	0.097	0.180	0.057	0.044	-0.013	0.151	0.029	-0.122	1.0000
	M = 1.000 α = 03.88																					
0.0000	0.021	0.157	0.136	-0.093	0.140	0.234	-0.196	0.176	0.372				-0.316	0.236	0.552	-0.620	0.184	0.804	-0.630	0.104		0.0000
0.0125	-0.035	0.112	0.147	-0.086	0.109	0.195	-0.150	0.135	0.285	-0.305	0.168	0.473	-0.393	0.186	0.579	-0.600	0.164	0.763	-0.636			0.0125
0.0250	-0.067	0.080	0.148	-0.081	0.086	0.168	-0.124	0.106	0.229	-0.342	0.134	0.476	-0.408	0.148	0.556	-0.591	0.144	0.735	-0.640			0.0250
0.0420																				0.098		0.0420
0.0500	-0.062	0.057	0.119	-0.078	0.069	0.147	-0.129	0.085	0.214		0.095		-0.251	0.111	0.361	-0.611	0.103	0.715	-0.647			0.0500
0.0640																				0.084		0.0640
0.0750	-0.052	0.048	0.100	-0.076	0.065	0.141	-0.123	0.072	0.195	-0.162	0.078	0.239	-0.210	0.088	0.298	-0.626	0.072	0.698	-0.653			0.0750
0.0810																				0.068		0.0810
0.1000	-0.066	0.049	0.114	-0.089	0.060	0.149	-0.129	0.066	0.194	-0.169	0.071	0.240	-0.196	0.071	0.267	-0.609	0.050	0.659	-0.655	0.061	0.716	0.1000
0.1500	-0.079	0.055	0.135	-0.099	0.058	0.157	-0.136	0.050	0.186	-0.167	0.052	0.219	-0.200	0.046	0.246	-0.557	0.024	0.580	-0.656	0.036	0.692	0.1500
0.2000	-0.086	0.052	0.137	-0.116	0.054	0.170	-0.140	0.038	0.177	-0.180			-0.199	0.036	0.235	-0.462	0.019	0.480	-0.657	0.020	0.677	0.2000
0.3000	-0.137	0.028	0.165	-0.160	0.027	0.187	-0.166	0.019	0.184				-0.199	0.017	0.216	-0.270	-0.020	0.251	-0.668	0.002	0.670	0.3000
0.4000	-0.178	-0.003	0.175	-0.182	-0.002	0.180	-0.203	-0.011	0.192				-0.218	-0.003	0.215	-0.265	-0.044	0.221	-0.684	-0.028	0.656	0.4000
0.5000	-0.203	-0.020	0.183	-0.203	-0.030	0.174	-0.217	-0.025	0.192				-0.233	-0.032	0.202	-0.266	-0.043	0.222	-0.694	-0.046	0.648	0.5000
0.6000		-0.047		-0.226	-0.052	0.174	-0.238	-0.051	0.187				-0.237	-0.053	0.184	-0.269	-0.061	0.209	-0.687	-0.061	0.626	0.6000
0.7000	-0.237			-0.240	-0.064	0.177	-0.251	-0.063	0.188				-0.245	-0.066	0.179	-0.272	-0.080	0.192	-0.659	-0.067	0.592	0.7000
0.8000	-0.230	-0.085	0.145	-0.230	-0.082	0.148	-0.246	-0.085	0.160				-0.241	-0.087	0.154	-0.277	-0.098	0.179	-0.561	-0.086	0.475	0.8000
0.9000	-0.258	-0.095	0.163	-0.251	-0.088	0.163	-0.253	-0.093	0.161				-0.247	-0.088	0.159	-0.270	-0.100	0.170	-0.425	-0.077	0.348	0.9000
1.0000	-0.321	-0.099	0.223	-0.305	-0.083	0.223	-0.274	-0.085	0.189				-0.266	-0.070	0.196	-0.251	-0.086	0.165	-0.250	-0.041	0.210	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 1.045			α = 03.88										
0.0000	0.017	0.156	0.139	-0.167	0.102	0.269	-0.275	0.136	0.411				-0.383	0.192	0.576	-0.561	0.186	0.747	-0.583	0.164		0.0000
0.0125	-0.062	0.101	0.164	-0.153	0.071	0.224	-0.228	0.090	0.318	-0.350	0.123	0.472	-0.443	0.141	0.584	-0.544	0.170	0.714	-0.588			0.0125
0.0250	-0.111	0.061	0.172	-0.143	0.048	0.190	-0.196	0.058	0.254	-0.376	0.088	0.465	-0.453	0.102	0.555	-0.533	0.153	0.686	-0.592			0.0250
0.0420																				0.114		0.0420
0.0500	-0.118	0.024	0.142	-0.136	0.024	0.161	-0.177	0.036	0.214													0.0500
0.0640											0.047		-0.320	0.064	0.383	-0.531	0.115	0.646	-0.595			0.0640
0.0750	-0.100	0.009	0.109	-0.140	0.020	0.160	-0.167	0.024	0.191	-0.211	0.036	0.247	-0.239	0.047	0.286	-0.551	0.084	0.635	-0.597	0.099		0.0750
0.0810																						0.0810
0.1000	-0.122	0.005	0.127	-0.134	0.008	0.143	-0.188	0.019	0.207	-0.216	0.026	0.242	-0.234	0.031	0.265	-0.547	0.065	0.613	-0.607	0.094		0.1000
0.1500	-0.128	0.005	0.133	-0.159	0.006	0.165	-0.179	0.009	0.188	-0.206	0.003	0.209	-0.227	0.013	0.240	-0.502	0.042	0.544	-0.607	0.080	0.686	0.1500
0.2000	-0.140	-0.003	0.137	-0.155	0.006	0.160	-0.182	-0.004	0.177	-0.208			-0.223	0.001	0.224	-0.432	0.027	0.459	-0.607	0.063	0.671	0.2000
0.3000	-0.169	-0.018	0.151	-0.189	-0.016	0.173	-0.200	-0.014	0.185				-0.199	-0.017	0.182	-0.249	0.005	0.254	-0.607	0.047	0.654	0.3000
0.4000	-0.197	-0.034	0.163	-0.188	-0.028	0.160	-0.195	-0.028	0.167				-0.179	-0.014	0.165	-0.235	-0.019	0.216	-0.607	0.027	0.635	0.4000
0.5000	-0.181	-0.037	0.144	-0.177	-0.036	0.141	-0.190	-0.030	0.161				-0.196	-0.019	0.176	-0.232	-0.018	0.214	-0.616	-0.007	0.608	0.5000
0.6000		-0.026		-0.179	-0.028	0.151	-0.199	-0.033	0.166				-0.200	-0.030	0.170	-0.238	-0.033	0.205	-0.595	-0.023	0.572	0.6000
0.7000	-0.193			-0.198	-0.038	0.160	-0.205	-0.038	0.167				-0.205	-0.047	0.158	-0.229	-0.040	0.189	-0.566	-0.027	0.540	0.7000
0.8000	-0.192	-0.055	0.137	-0.192	-0.048	0.144	-0.202	-0.045	0.157				-0.204	-0.046	0.158	-0.214	-0.050	0.164	-0.442	-0.036	0.406	0.8000
0.9000	-0.215	-0.050	0.166	-0.209	-0.044	0.166	-0.210	-0.048	0.162				-0.201	-0.043	0.157	-0.199	-0.049	0.149	-0.329	-0.029	0.300	0.9000
1.0000	-0.264	-0.032	0.232	-0.248	-0.023	0.224	-0.229	-0.045	0.184				-0.195	-0.039	0.156	-0.183	-0.037	0.146	-0.227	-0.005	0.222	1.0000
									M = 1.097			α = 03.88										
0.0000	0.125	0.196	0.071	0.008	0.172	0.164	-0.087	0.242	0.328				-0.265	0.291	0.556	-0.524	0.216	0.739	-0.512	0.192		0.0000
0.0125	0.052	0.152	0.100	0.001	0.153	0.151	-0.066	0.200	0.267	-0.213	0.232	0.445	-0.331	0.242	0.572	-0.504	0.202	0.706	-0.515			0.0125
0.0250	0.007	0.122	0.115	-0.003	0.140	0.144	-0.054	0.172	0.226	-0.236	0.196	0.432	-0.340	0.204	0.545	-0.495	0.187	0.682	-0.518			0.0250
0.0420																				0.141		0.0420
0.0500	0.001	0.101	0.100	-0.007	0.136	0.143	-0.051	0.155	0.206													0.0500
0.0640											0.162		-0.192	0.166	0.358	-0.511	0.151	0.662	-0.522			0.0640
0.0750	0.017	0.104	0.087	-0.016	0.140	0.156	-0.053	0.147	0.200	-0.110	0.142	0.252	-0.138	0.145	0.284	-0.522	0.122	0.644	-0.525	0.120		0.0750
0.0810																						0.0810
0.1000	0.000	0.118	0.118	-0.016	0.135	0.151	-0.075	0.137	0.212	-0.102	0.130	0.232	-0.135	0.128	0.263	-0.514	0.100	0.615	-0.527	0.106		0.1000
0.1500	0.000	0.134	0.134	-0.045	0.135	0.179	-0.074	0.122	0.196	-0.106	0.102	0.208	-0.135	0.104	0.240	-0.496	0.081	0.577	-0.525	0.097	0.625	0.1500
0.2000	-0.036	0.127	0.164	-0.052	0.123	0.176	-0.081	0.105	0.186	-0.114			-0.137	0.089	0.227	-0.429	0.057	0.486	-0.524	0.079	0.605	0.2000
0.3000	-0.069	0.090	0.159	-0.098	0.084	0.181	-0.119	0.082	0.200				-0.152	0.066	0.218	-0.305	0.022	0.328	-0.523	0.065	0.589	0.3000
0.4000	-0.120	0.051	0.170	-0.127	0.049	0.175	-0.145	0.041	0.186				-0.165	0.029	0.193	-0.195	-0.006	0.189	-0.524	0.039	0.562	0.4000
0.5000	-0.144	0.027	0.171	-0.143	0.015	0.159	-0.164	0.006	0.170				-0.178	-0.004	0.174	-0.194	-0.008	0.186	-0.532	0.018	0.542	0.5000
0.6000		-0.006		-0.168	-0.014	0.154	-0.179	-0.020	0.159				-0.183	-0.022	0.161	-0.180	-0.017	0.163	-0.525	0.013	0.545	0.6000
0.7000	-0.177			-0.178	-0.044	0.134	-0.185	-0.037	0.148				-0.171	-0.046	0.126	-0.172	-0.036	0.136	-0.501	0.009	0.534	0.7000
0.8000	-0.152	-0.067	0.085	-0.144	-0.064	0.080	-0.154	-0.053	0.101				-0.135	-0.053	0.082	-0.171	-0.039	0.132	-0.461	0.017	0.518	0.8000
0.9000	-0.145	-0.050	0.095	-0.140	-0.042	0.098	-0.150	-0.054	0.096				-0.145	-0.033	0.111	-0.164	-0.025	0.139	-0.382	0.011	0.472	0.9000
1.0000	-0.154	-0.001	0.153	-0.166	0.021	0.187	-0.171	-0.040	0.132				-0.200	0.013	0.213	-0.150	0.007	0.157	-0.264	0.014	0.396	1.0000
									M = 1.303			α = -04.08								0.026	0.290	
0.0000	0.223	0.007	-0.215	0.120	-0.014	-0.134	0.112	-0.074	-0.186				0.226	-0.220	-0.446	0.240	-0.393	-0.633	0.258	-0.438		0.0000
0.0125	0.130	0.011	-0.119	0.078	-0.022	-0.100	0.086	-0.069	-0.155	0.122	-0.144	-0.266	0.171	-0.239	-0.409	0.206	-0.393	-0.599	0.207			0.0125
0.0250	0.067	0.010	-0.057	0.051	-0.029	-0.081	0.067	-0.067	-0.133	0.102	-0.123	-0.225	0.130	-0.236	-0.366	0.178	-0.393	-0.571	0.172			0.0250
0.0420																				-0.436		0.0420
0.0500	0.033	-0.008	-0.041	0.044	-0.043	-0.087	0.045	-0.071	-0.116													0.0500
0.0640											-0.119		0.094	-0.168	-0.263	0.141	-0.393	-0.533	0.143			0.0640
0.0750	0.039	-0.027	-0.066	0.026	-0.046	-0.072	0.044	-0.076	-0.120	0.051	-0.115	-0.166	0.084	-0.117	-0.201	0.114	-0.400	-0.513	0.122	-0.438		0.0750
0.0810																						0.0810
0.1000	0.023	-0.032	-0.055	0.023	-0.051	-0.074	0.043	-0.080	-0.123	0.051	-0.114	-0.165	0.073	-0.097	-0.169	0.091	-0.385	-0.476	0.107	-0.440		0.1000
0.1500	0.022	-0.041	-0.063	0.024	-0.056	-0.080	0.045	-0.092	-0.138	0.047	-0.108	-0.154	0.064	-0.097	-0.161	0.071	-0.253	-0.324	0.089	-0.443	-0.550	0.1500
0.2000	0.008	-0.048	-0.056	0.051	-0.057	-0.108	0.040	-0.077	-0.117	0.048			0.055	-0.113	-0.168	0.054	-0.207	-0.260	0.077	-0.448	-0.538	0.2000
0.3000	0.036	-0.068	-0.105	0.036	-0.068	-0.105	0.035	-0.093	-0.128				0.042	-0.099	-0.141	0.045	-0.170	-0.215	0.058	-0.445	-0.522	0.3000
0.4000	0.030	-0.087	-0.116	0.032	-0.090	-0.122	0.029	-0.108	-0.136				0.024	-0.113	-0.137	0.039	-0.167	-0.206	0.047	-0.413	-0.471	0.4000
0.5000	0.017	-0.097	-0.114	0.023	-0.104	-0.127	0.016	-0.114	-0.130				0.026	-0.113	-0.139	0.030	-0.159	-0.188	0.033	-0.399	-0.447	0.5000
0.6000		-0.112		0.022	-8.113	-0.134	0.014	-0.122	-0.136				0.022	-0.129	-0.152	0.024	-0.152	-0.176	0.023	-0.352	-0.385	0.6000
0.7000	0.007			0.012	-0.122	-0.133	0.013	-0.126	-0.139				0.026	-0.125	-0.151	0.024	-0.158	-0.182	0.017	-0.311	-0.334	0.7000
0.8000	0.012	-0.130	-0.143	0.014	-0.128	-0.142	0.007	-0.135	-0.142				0.012	-0.129	-0.141	0.011	-0.161	-0.172	0.011	-0.259	-0.275	0.8000
0.9000	0.009	-0.112	-0.121	0.017	-0.113	-0.130	0.013	-0.127	-0.139				0.022	-0.131	-0.154	0.011	-0.158	-0.169	0.003	-0.214	-0.225	0.9000
1.0000	-0.002	-0.076	-0.074	0.023	-0.075	-0.098	0.029	-0.102	-0.131				0.059	-0.132	-0.190	0.024	-0.148	-0.172	-0.009	-0.166	-0.169	1.0000
																				-0.114	-0.105	

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4^{\circ}$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 1.303			α = -00.05										
0.0000	0.132	0.104	-0.027	0.031	0.092	0.061	-0.009	0.073	0.082				0.006	0.043	0.037	-0.015	0.014	0.029	-0.076	-0.079		0.0000
0.0125	0.067	0.076	0.009	0.003	0.051	0.048	-0.015	0.032	0.047	-0.020	0.036	0.056	-0.008	0.011	0.019	-0.034	-0.013	0.020	-0.082			0.0125
0.0250	0.023	0.053	0.031	-0.014	0.022	0.036	-0.022	0.004	0.026	-0.032	0.016	0.048	-0.020	-0.012	0.007	-0.047	-0.034	0.013	-0.088			0.0250
0.0420																				-0.086		0.0420
0.0500	-0.008	0.022	0.030	-0.017	-0.001	0.016	-0.038	-0.015	0.022		-0.009		-0.036	-0.035	0.001	-0.060	-0.056	0.004	-0.101			0.0500
0.0640																				-0.088		0.0640
0.0750	-0.011		0.011	-0.027	-0.010	0.018	-0.040	-0.022	0.018	-0.045	-0.026	0.019	-0.042	-0.034	0.008	-0.077	-0.064	0.013	-0.106			0.0750
0.0810																				-0.088		0.0810
0.1000	-0.023	-0.003	0.019	-0.026	-0.017	0.010	-0.041	-0.017	0.024	-0.046	-0.037	0.009	-0.047	-0.022	0.025	-0.083	-0.066	0.017	-0.107	-0.088	0.019	0.1000
0.1500	-0.023	-0.013	0.011	-0.035	-0.016	0.019	-0.041	-0.034	0.007	-0.044	-0.040	0.005	-0.055	-0.025	0.029	-0.087	-0.068	0.019	-0.107	-0.094	0.014	0.1500
0.2000	-0.043	-0.020	0.022	-0.020	-0.007	0.013	-0.029	-0.033	-0.004	-0.051			-0.046	-0.047		-0.090	-0.067	0.023	-0.108	-0.100	0.008	0.2000
0.3000	-0.027	-0.025	0.002	-0.039	-0.016	0.023	-0.052	-0.039	0.013				-0.055	-0.042	0.013	-0.085	-0.076	0.009	-0.104	-0.104	0.000	0.3000
0.4000	-0.042	-0.038	0.003	-0.040	-0.041	-0.002	-0.058	-0.049	0.009				-0.055	-0.061	-0.007	-0.079	-0.079	0.001	-0.114	-0.106	0.008	0.4000
0.5000	-0.055	-0.045	0.010	-0.047	-0.057	-0.010	-0.055	-0.061	-0.006				-0.072	-0.056	0.016	-0.080	-0.073	0.008	-0.114	-0.103	0.011	0.5000
0.6000		-0.061		-0.062	-0.060	0.002	-0.070	-0.070	0.001				-0.055	-0.076	-0.020	-0.079	-0.087	-0.008	-0.114	-0.106	0.008	0.6000
0.7000	-0.067			-0.062	-0.070	-0.008	-0.067	-0.067	0.001				-0.062	-0.075	-0.013	-0.086	-0.092	-0.005	-0.110	-0.105	0.005	0.7000
0.8000	-0.070	-0.083	-0.014	-0.064	-0.084	-0.020	-0.068	-0.086	-0.018				-0.066	-0.078	-0.012	-0.093	-0.090	0.003	-0.104	-0.102	0.003	0.8000
0.9000	-0.070	-0.076	-0.006	-0.064	-0.076	-0.012	-0.071	-0.085	-0.014				-0.070	-0.086	-0.015	-0.090	-0.086	0.004	-0.103	-0.086	0.017	0.9000
1.0000	-0.067	-0.056	0.011	-0.062	-0.045	0.017	-0.078	-0.063	0.015				-0.074	-0.097	-0.023	-0.076	-0.080	-0.004	-0.106	-0.057	0.048	1.0000
									M = 1.302			α = 03.93										
0.0000	0.054	0.171	0.117	-0.076	0.155	0.231	-0.155	0.174	0.329				-0.275	0.230	0.505	-0.375	0.237	0.612	-0.386	0.206		0.0000
0.0125	0.009	0.136	0.127	-0.076	0.115	0.191	-0.124	0.124	0.248	-0.217	0.160	0.377	-0.273	0.178	0.452	-0.383	0.204	0.587	-0.406			0.0125
0.0250	-0.023	0.108	0.131	-0.074	0.086	0.160	-0.105	0.090	0.195	-0.220	0.136	0.356	-0.267	0.140	0.407	-0.387	0.179	0.565	-0.418			0.0250
0.0420																				0.155		0.0420
0.0500	-0.050	0.074	0.124	-0.062	0.061	0.123	-0.105	0.068	0.174		0.110		-0.241	0.105	0.346	-0.384	0.149	0.534	-0.416			0.0500
0.0640																				0.138		0.0640
0.0750	-0.042	0.048	0.089	-0.070	0.052	0.122	-0.101	0.056	0.158	-0.114	0.088	0.203	-0.134	0.096	0.230	-0.387	0.113	0.500	-0.420			0.0750
0.0810																				0.130		0.0810
0.1000	-0.047	0.042	0.089	-0.074	0.047	0.121	-0.104	0.059	0.163	-0.115	0.072	0.188	-0.136	0.099	0.235	-0.378	0.103	0.481	-0.418	0.120	0.538	0.1000
0.1500	-0.066	0.038	0.104	-0.080	0.043	0.123	-0.093	0.048	0.142	-0.112	0.060	0.172	-0.129	0.077	0.207	-0.307	0.086	0.393	-0.421	0.109	0.530	0.1500
0.2000	-0.075	0.031	0.107	-0.068	0.062	0.130	-0.085	0.044	0.130	-0.117			-0.109	0.054	0.163	-0.254	0.071	0.326	-0.428	0.083	0.511	0.2000
0.3000	-0.079	0.041	0.121	-0.089	0.058	0.147	-0.102	0.047	0.148				-0.122	0.053	0.175	-0.191	0.050	0.241	-0.408	0.066	0.473	0.3000
0.4000	-0.089	0.033	0.122	-0.097	0.037	0.133	-0.114	0.031	0.145				-0.108	0.031	0.139	-0.157	0.037	0.194	-0.392	0.047	0.439	0.4000
0.5000	-0.102	0.029	0.131	-0.101	0.019	0.121	-0.114	0.023	0.137				-0.131	0.025	0.157	-0.146	0.027	0.173	-0.384	0.037	0.420	0.5000
0.6000		0.016		-0.111	0.017	0.128	-0.122	0.009	0.131				-0.111	0.016	0.128	-0.140	0.014	0.154	-0.361	0.028	0.389	0.6000
0.7000	-0.116			-0.119	0.010	0.129	-0.123	0.010	0.133				-0.122	0.002	0.124	-0.145	0.016	0.161	-0.335	0.028	0.363	0.7000
0.8000	-0.122	-0.006	0.115	-0.122	-0.001	0.120	-0.125	-0.001	0.125				-0.119	0.014	0.133	-0.153	0.006	0.159	-0.291	0.031	0.322	0.8000
0.9000	-0.114	0.004	0.118	-0.112	0.005	0.117	-0.125	-0.009	0.116				-0.130	-0.008	0.122	-0.149	0.009	0.159	-0.231	0.030	0.262	0.9000
1.0000	-0.093	0.028	0.122	-0.091	0.029	0.120	-0.123	-0.015	0.108				-0.155	-0.063	0.093	-0.136	0.025	0.161	-0.157	0.025	0.182	1.0000
									M = 1.299			α = 07.81										
0.0000	-0.140	0.255	0.395	-0.243	0.232	0.476	-0.350	0.240	0.591				-0.434	0.267	0.701	-0.460	0.243	0.703	-0.455	0.238		0.0000
0.0125	-0.126	0.218	0.344	-0.287	0.199	0.486	-0.404	0.209	0.613	-0.435	0.234	0.669	-0.428	0.254	0.682	-0.456	0.258	0.714	-0.469			0.0125
0.0250	-0.120	0.188	0.308	-0.287	0.174	0.461	-0.409	0.186	0.595	-0.444	0.218	0.661	-0.426	0.242	0.669	-0.454	0.264	0.718	-0.477			0.0250
0.0420																				0.252		0.0420
0.0500	-0.132	0.150	0.282	-0.158	0.151	0.309	-0.271	0.166	0.437		0.193		-0.437	0.224	0.661	-0.458	0.252	0.711	-0.476			0.0500
0.0640																				0.249		0.0640
0.0750	-0.122	0.125	0.247	-0.137	0.141	0.278	-0.145	0.154	0.299	-0.380	0.166	0.546	-0.452	0.210	0.662	-0.460	0.238	0.698	-0.476			0.0750
0.0810																				0.243		0.0810
0.1000	-0.118	0.119	0.237	-0.136	0.132	0.269	-0.166	0.149	0.315	-0.316	0.162	0.478	-0.453	0.188	0.641	-0.466	0.213	0.679	-0.479	0.232	0.711	0.1000
0.1500	-0.120	0.111	0.231	-0.146	0.125	0.270	-0.166	0.136	0.302	-0.160	0.157	0.317	-0.406	0.155	0.561	-0.471	0.197	0.668	-0.478	0.221	0.698	0.1500
0.2000	-0.142	0.108	0.251	-0.140	0.135	0.275	-0.149	0.143	0.292	-0.162			-0.147	0.155	0.302	-0.489	0.173	0.662	-0.478	0.216	0.694	0.2000
0.3000	-0.132	0.118	0.250	-0.153	0.133	0.285	-0.163	0.127	0.290				-0.168	0.128	0.296	-0.509	0.151	0.660	-0.479	0.197	0.676	0.3000
0.4000	-0.153	0.106	0.259	-0.157	0.117	0.274	-0.177	0.103	0.280				-0.177	0.133	0.310	-0.523	0.129	0.652	-0.487	0.180	0.667	0.4000
0.5000	-0.173	0.103	0.276	-0.169	0.103	0.273	-0.176	0.104	0.280				-0.184	0.104	0.288	-0.523	0.123	0.646	-0.499	0.155	0.654	0.5000
0.6000		0.102		-0.179	0.099	0.278	-0.186	0.097	0.283				-0.177	0.099	0.276	-0.436	0.116	0.552	-0.518	0.131	0.649	0.6000
0.7000	-0.175			-0.173	0.094	0.267	-0.178	0.096	0.273				-0.177	0.109	0.286	-0.208	0.124	0.332	-0.530	0.118	0.648	0.7000
0.8000	-0.183	0.097	0.279	-0.184	0.104	0.288	-0.186	0.100	0.286				-0.186	0.108	0.294	-0.156	0.109	0.265	-0.536	0.107	0.643	0.8000
0.9000	-0.172	0.081	0.253	-0.173	0.083	0.256	-0.179	0.076	0.255				-0.181	0.078	0.259	-0.154	0.077	0.231	-0.539	0.106	0.645	0.9000
1.0000	-0.143	0.058	0.201	-0.139	0.032	0.172	-0.158	0.023	0.181				-0.164	0.019	0.183	-0.201	0.028	0.230	-0.539	0.114	0.652	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 1.301			α = 11.79										
0.0000	-0.397	0.324	0.721	-0.461	0.275	0.736	-0.507	0.262	0.769				-0.506	0.273	0.779	-0.512	0.210	0.723	-0.514	0.224		0.0000
0.0125	-0.369	0.307	0.677	-0.476	0.281	0.757	-0.509	0.277	0.786	-0.518	0.276	0.794	-0.498	0.302	0.799	-0.509	0.273	0.781	-0.527			0.0125
0.0250	-0.329	0.290	0.619	-0.487	0.279	0.766	-0.513	0.283	0.796	-0.519	0.293	0.812	-0.494	0.316	0.811	-0.507	0.312	0.818	-0.534			0.0250
0.0420																						0.0420
0.0500	-0.207	0.257	0.464	-0.499	0.253	0.752	-0.529	0.266	0.795		0.290		-0.504	0.303	0.807	-0.508	0.321	0.829	-0.533	0.305		0.0500
0.0640																						0.0640
0.0750	-0.191	0.234	0.425	-0.255	0.243	0.498	-0.541	0.252	0.793	-0.567	0.280	0.846	-0.535	0.297	0.832	-0.510	0.314	0.824	-0.534	0.317		0.0750
0.0810																						0.0810
0.1000	-0.185	0.223	0.409	-0.174	0.230	0.404	-0.528	0.244	0.773	-0.577	0.271	0.848	-0.568	0.286	0.854	-0.517	0.308	0.825	-0.534	0.311	0.845	0.1000
0.1500	-0.195	0.208	0.403	-0.191	0.216	0.407	-0.187	0.243	0.430	-0.568	0.254	0.822	-0.586	0.266	0.852	-0.525	0.299	0.825	-0.535	0.305	0.840	0.1500
0.2000	-0.200	0.204	0.404	-0.197	0.234	0.431	-0.186	0.230	0.416	-0.327			-0.574	0.246	0.820	-0.543	0.281	0.824	-0.538	0.290	0.828	0.2000
0.3000	-0.193	0.215	0.408	-0.203	0.223	0.426	-0.216	0.221	0.438				-0.333	0.236	0.568	-0.555	0.267	0.823	-0.539	0.275	0.814	0.3000
0.4000	-0.210	0.198	0.408	-0.219	0.203	0.423	-0.234	0.203	0.437				-0.235	0.221	0.456	-0.593	0.257	0.850	-0.545	0.255	0.799	0.4000
0.5000	-0.233	0.194	0.426	-0.232	0.198	0.429	-0.231	0.198	0.429				-0.235	0.209	0.444	-0.622	0.246	0.868	-0.554	0.236	0.790	0.5000
0.6000		0.195		-0.236	0.196	0.432	-0.240	0.200	0.440				-0.225	0.230	0.455	-0.634	0.221	0.855	-0.564	0.228	0.791	0.6000
0.7000	-0.235			-0.231	0.217	0.448	-0.230	0.211	0.441				-0.229	0.197	0.426	-0.610	0.197	0.808	-0.568	0.219	0.787	0.7000
0.8000	-0.237	0.165	0.403	-0.240	0.168	0.408	-0.243	0.160	0.403				-0.238	0.157	0.395	-0.571	0.175	0.746	-0.572	0.208	0.780	0.8000
0.9000	-0.226	0.154	0.380	-0.224	0.158	0.383	-0.233	0.154	0.387				-0.233	0.163	0.395	-0.515	0.164	0.679	-0.541	0.196	0.737	0.9000
1.0000	-0.200	0.146	0.346	-0.183	0.188	0.371	-0.198	0.194	0.392				-0.212	0.214	0.426	-0.440	0.165	0.604	-0.474	0.184	0.658	1.0000
									M = 1.299			α = 15.82										
0.0000	-0.500	0.401	0.900	-0.575	0.308	0.883	-0.587	0.280	0.867				-0.589	0.247	0.835	-0.582	0.180	0.762	-0.574	0.311		0.0000
0.0125	-0.551	0.407	0.958	-0.573	0.352	0.926	-0.578	0.332	0.910	-0.583	0.309	0.892	-0.576	0.323	0.899	-0.571	0.286	0.858	-0.585			0.0125
0.0250	-0.569	0.406	0.975	-0.580	0.377	0.958	-0.578	0.364	0.942	-0.586	0.364	0.950	-0.569	0.372	0.941	-0.567	0.354	0.922	-0.591			0.0250
0.0420																						0.0420
0.0500	-0.506	0.378	0.883	-0.621	0.368	0.989	-0.610	0.365	0.975		0.376		-0.573	0.385	0.958	-0.577	0.375	0.953	-0.591	0.335		0.0500
0.0640																						0.0640
0.0750	-0.247	0.358	0.605	-0.598	0.363	0.961	-0.639	0.361	0.999	-0.631	0.378	1.008	-0.583	0.389	0.973	-0.581	0.394	0.975	-0.593	0.350		0.0750
0.0810																						0.0810
0.1000	-0.256	0.343	0.599	-0.564	0.346	0.910	-0.636	0.356	0.992	-0.642	0.372	1.014	-0.608	0.380	0.988	-0.582	0.399	0.981	-0.592	0.363	0.961	0.1000
0.1500	-0.268	0.330	0.598	-0.331	0.331	0.662	-0.603	0.348	0.950	-0.642	0.359	1.001	-0.634	0.365	1.000	-0.586	0.384	0.970	-0.592	0.373	0.965	0.1500
0.2000	-0.272	0.313	0.585	-0.264	0.339	0.603	-0.504	0.346	0.850	-0.628			-0.633	0.355	0.988	-0.591	0.371	0.962	-0.594	0.374	0.968	0.2000
0.3000	-0.263	0.318	0.580	-0.263	0.325	0.588	-0.305	0.337	0.641				-0.603	0.369	0.972	-0.603	0.351	0.954	-0.597	0.367	0.964	0.3000
0.4000	-0.271	0.299	0.570	-0.288	0.328	0.616	-0.298	0.340	0.638				-0.517	0.327	0.844	-0.640	0.331	0.971	-0.600	0.357	0.958	0.4000
0.5000	-0.279	0.321	0.600	-0.290	0.311	0.601	-0.298	0.317	0.615				-0.417	0.297	0.714	-0.645	0.325	0.970	-0.599	0.343	0.942	0.5000
0.6000		0.279		-0.296	0.279	0.575	-0.299	0.287	0.586				-0.363	0.288	0.651	-0.647	0.315	0.963	-0.603	0.331	0.934	0.6000
0.7000	-0.283			-0.297	0.275	0.572	-0.309	0.280	0.589				-0.341	0.292	0.633	-0.654	0.302	0.956	-0.613	0.318	0.930	0.7000
0.8000	-0.296	0.264	0.560	-0.307	0.278	0.585	-0.312	0.276	0.588				-0.337	0.275	0.612	-0.664	0.283	0.946	-0.630	0.306	0.937	0.8000
0.9000	-0.281	0.255	0.537	-0.286	0.267	0.553	-0.305	0.263	0.568				-0.330	0.264	0.594	-0.653	0.272	0.925	-0.631	0.299	0.929	0.9000
1.0000	-0.239	0.245	0.484	-0.234	0.242	0.476	-0.287	0.241	0.528				-0. 19	0.259	0.577	-0.623	0.271	0.894	-0.614	0.295	0.908	1.0000
									M = 1.497			α = 03.83										
0.0000		0.158	0.158	-0.070	0.168	0.237	-0.141	0.169	0.310				-0.215	0.228	0.444	-0.330	0.237	0.567	-0.372	0.183		0.0000
0.0125	-0.011	0.127	0.137	-0.070	0.125	0.195	-0.114	0.135	0.249	-0.164	0.184	0.348	-0.205	0.184	0.390	-0.323	0.208	0.530	-0.376			0.0125
0.0250	-0.022	0.102	0.124	-0.068	0.094	0.162	-0.094	0.110	0.203	-0.164	0.141	0.304	-0.199	0.152	0.350	-0.317	0.182	0.499	-0.379			0.0250
0.0420																						0.0420
0.0500	-0.047	0.074	0.121	-0.056	0.066	0.122	-0.074	0.087	0.161		0.104		-0.196	0.121	0.316	-0.309	0.144	0.452	-0.378	0.154		0.0500
0.0640																						0.0640
0.0750	-0.042	0.055	0.097	-0.048	0.066	0.114	-0.067	0.074	0.141	-0.088	0.078	0.166	-0.111	0.105	0.217	-0.317	0.119	0.435	-0.379	0.138		0.0750
0.0810																						0.0810
0.1000	-0.040	0.052	0.092	-0.048	0.064	0.112	-0.067	0.065	0.132	-0.087	0.074	0.161	-0.104	0.092	0.196	-0.315	0.102	0.418	-0.381	0.124	0.502	0.1000
0.1500	-0.041	0.050	0.091	-0.046	0.055	0.102	-0.061	0.050	0.111	-0.092	0.068	0.161	-0.106	0.068	0.174	-0.246	0.075	0.321	-0.378	0.121	0.477	0.1500
0.2000	-0.044	0.042	0.086	-0.048	0.059	0.106	-0.069	0.055	0.124	-0.086			-0.096	0.053	0.149	-0.170	0.066	0.236	-0.383	0.099	0.478	0.2000
0.3000	-0.054	0.039	0.093	-0.068	0.045	0.113	-0.085	0.041	0.126				-0.100	0.041	0.141	-0.150	0.052	0.202	-0.324	0.095	0.389	0.3000
0.4000	-0.074	0.030	0.104	-0.079	0.035	0.114	-0.093	0.018	0.111				-0.090	0.042	0.132	-0.129	0.038	0.168	-0.260	0.066	0.307	0.4000
0.5000	-0.085	0.024	0.109	-0.083	0.023	0.106	-0.095	0.022	0.117				-0.101	0.021	0.122	-0.130	0.029	0.158	-0.218	0.047	0.257	0.5000
0.6000		0.022		-0.094	0.028	0.121	-0.102	0.029	0.131				-0.100	0.032	0.131	-0.130	0.032	0.161	-0.204	0.039	0.230	0.6000
0.7000	-0.089			-0.090	0.024	0.113	-0.097	0.017	0.114				-0.099	0.023	0.122	-0.124	0.019	0.142	-0.192	0.027	0.216	0.7000
0.8000	-0.102	0.005	0.106	-0.101	0.013	0.114	-0.106	0.015	0.121				-0.099	0.016	0.115	-0.120	0.019	0.139	-0.179	0.024	0.204	0.8000
0.9000	-0.098	0.011	0.110	-0.094	0.017	0.111	-0.110	0.013	0.123				-0.108	0.012	0.120	-0.119	0.001	0.120	-0.169	0.029	0.198	0.9000
1.0000	-0.079	0.028	0.107	-0.069	0.035	0.104	-0.109	0.010	0.119				-0.127	0.009	0.136	-0.119	-0.035	0.084	-0.161	0.037	0.198	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 1.695			α = 03.78										
0.0000	0.027	0.162	0.135	-0.021	0.160	0.181	-0.089	0.171	0.260				-0.210	0.221	0.431	-0.324	0.207	0.530	-0.331	0.062		0.0000
0.0125	0.012	0.132	0.120	-0.029	0.125	0.154	-0.075	0.126	0.201	-0.138	0.159	0.298	-0.181	0.175	0.356	-0.295	0.177	0.472	-0.336			0.0125
0.0250		0.108	0.108	-0.034	0.099	0.132	-0.066	0.095	0.161	-0.123	0.125	0.247	-0.164	0.140	0.304	-0.273	0.152	0.425	-0.335			0.0250
0.0420																				0.132		0.0420
0.0500	-0.015	0.080	0.094	-0.034	0.071	0.105	-0.066	0.072	0.138		0.091		-0.165	0.104	0.269	-0.253	0.112	0.365	-0.320			0.0500
0.0640																				0.134		0.0640
0.0750	-0.013	0.057	0.070	-0.037	0.059	0.096	-0.063	0.061	0.124	-0.091	0.071	0.162	-0.143	0.089	0.232	-0.250	0.093	0.343	-0.311			0.0750
0.0810																				0.119		0.0810
0.1000	-0.023	0.050	0.073	-0.042	0.044	0.087	-0.069	0.061	0.130	-0.091	0.062	0.153	-0.107	0.072	0.179	-0.247	0.087	0.334	-0.303	0.105	0.408	0.1000
0.1500	-0.038	0.045	0.083	-0.056	0.045	0.101	-0.075	0.040	0.114	-0.086	0.050	0.136	-0.103	0.049	0.152	-0.246	0.074	0.319	-0.297	0.090	0.387	0.1500
0.2000	-0.049	0.030	0.078	-0.060	0.043	0.104	-0.077	0.037	0.114	-0.084			-0.094	0.040	0.134	-0.234	0.056	0.291	-0.295	0.074	0.369	0.2000
0.3000	-0.064	0.021	0.085	-0.071	0.043	0.114	-0.082	0.025	0.107				-0.094	0.042	0.136	-0.142	0.032	0.175	-0.291	0.060	0.351	0.3000
0.4000	-0.073	0.025	0.099	-0.077	0.030	0.107	-0.090	0.034	0.124				-0.102	0.036	0.138	-0.133	0.039	0.172	-0.294	0.037	0.331	0.4000
0.5000	-0.088	0.028	0.116	-0.090	0.021	0.111	-0.096	0.021	0.118				-0.098	0.017	0.115	-0.129	0.024	0.153	-0.284	0.027	0.311	0.5000
0.6000		0.017		-0.091	0.015	0.106	-0.099	0.008	0.108				-0.098	0.024	0.122	-0.117	0.020	0.137	-0.241	0.021	0.262	0.6000
0.7000	-0.080			-0.086	0.006	0.092	-0.092	0.010	0.102				-0.089	0.011	0.101	-0.115	0.012	0.127	-0.201	0.017	0.217	0.7000
0.8000	-0.106	-0.014	0.092	-0.105	-0.007	0.098	-0.107		0.107				-0.097	0.003	0.100	-0.118	0.005	0.123	-0.170	0.012	0.182	0.8000
0.9000	-0.098	-0.010	0.088	-0.098	-0.011	0.087	-0.108	-0.013	0.094				-0.102	-0.007	0.095	-0.107	0.003	0.110	-0.162	0.017	0.179	0.9000
1.0000	-0.057	0.007	0.064	-0.065	-0.006	0.058	-0.094	-0.030	0.065				-0.105	-0.018	0.087	-0.082	0.006	0.088	-0.175	0.033	0.208	1.0000
									M = 1.903			α = 03.98										
0.0000	0.000	0.205	0.204	-0.089	0.191	0.280	-0.140	0.198	0.338				-0.226	0.235	0.461	-0.206	0.233	0.438	-0.204	0.190		0.0000
0.0125	-0.021	0.163	0.183	-0.079	0.153	0.232	-0.119	0.159	0.278	-0.160	0.197	0.358	-0.184	0.189	0.373	-0.203	0.204	0.407	-0.224			0.0125
0.0250	-0.035	0.131	0.166	-0.071	0.123	0.194	-0.104	0.130	0.234	-0.153	0.156	0.309	-0.159	0.154	0.313	-0.201	0.179	0.379	-0.235			0.0250
0.0420																				0.149		0.0420
0.0500	-0.043	0.098	0.141	-0.062	0.086	0.148	-0.090	0.107	0.197		0.115		-0.159	0.118	0.277	-0.194	0.140	0.333	-0.229			0.0500
0.0640																				0.132		0.0640
0.0750	-0.037	0.073	0.109	-0.059	0.072	0.132	-0.077	0.091	0.168	-0.121	0.091	0.212	-0.160	0.101	0.261	-0.191	0.116	0.307	-0.229			0.0750
0.0810																				0.121		0.0810
0.1000	-0.039	0.066	0.105	-0.058	0.066	0.123	-0.076	0.081	0.156	-0.085	0.077	0.162	-0.158	0.091	0.249	-0.188	0.105	0.293	-0.225	0.116	0.340	0.1000
0.1500	-0.045	0.053	0.098	-0.061	0.065	0.125	-0.071	0.059	0.130	-0.082	0.059	0.141	-0.104	0.075	0.179	-0.190	0.083	0.274	-0.221	0.101	0.321	0.1500
0.2000	-0.052	0.049	0.101	-0.057	0.062	0.119	-0.063	0.052	0.115	-0.074			-0.104	0.066	0.170	-0.184	0.069	0.253	-0.225	0.089	0.314	0.2000
0.3000	-0.054	0.039	0.093	-0.056	0.049	0.105	-0.070	0.039	0.110				-0.083	0.041	0.124	-0.187	0.047	0.234	-0.208	0.067	0.276	0.3000
0.4000	-0.059	0.023	0.082	-0.064	0.028	0.092	-0.074	0.025	0.099				-0.080	0.026	0.105	-0.155	0.034	0.189	-0.211	0.051	0.262	0.4000
0.5000	-0.067	0.022	0.090	-0.066	0.016	0.082	-0.070	0.009	0.080				-0.074	0.024	0.098	-0.121	0.032	0.153	-0.214	0.036	0.250	0.5000
0.6000		0.008		-0.067	0.011	0.078	-0.072	0.021	0.094				-0.073	0.026	0.098	-0.101	0.026	0.128	-0.213	0.027	0.240	0.6000
0.7000	-0.060			-0.073	0.018	0.090	-0.077	0.018	0.095				-0.076	0.012	0.089	-0.099	0.019	0.118	-0.213	0.023	0.236	0.7000
0.8000	-0.082	-0.004	0.078	-0.082	0.002	0.084	-0.083	0.006	0.089				-0.078	0.020	0.098	-0.101	0.004	0.104	-0.209	0.022	0.231	0.8000
0.9000	-0.079	-0.007	0.072	-0.077	0.004	0.080	-0.087	0.010	0.097				-0.081	0.008	0.090	-0.095	-0.001	0.094	-0.197	0.023	0.221	0.9000
1.0000	-0.051	-0.007	0.043	-0.055	0.024	0.079	-0.088	0.031	0.119				-0.086	-0.024	0.062	-0.082	0.004	0.086	-0.178	0.026	0.203	1.0000
									M = 2.227			α = -03.88										
0.0000	0.176	0.005	-0.171	0.151	-0.013	-0.164	0.138	-0.045	-0.183				0.206	-0.078	-0.284	0.222	-0.064	-0.285	0.236	-0.100		0.0000
0.0125	0.124	0.004	-0.120	0.112	-0.014	-0.125	0.112	-0.038	-0.150	0.137	-0.056	-0.193	0.164	-0.067	-0.231	0.187	-0.066	-0.253	0.182			0.0125
0.0250	0.086	0.003	-0.084	0.083	-0.015	-0.098	0.091	-0.034	-0.125	0.109	-0.054	-0.163	0.131	-0.060	-0.191	0.159	-0.069	-0.228	0.144			0.0250
0.0420																				-0.089		0.0420
0.0500	0.051	-0.002	-0.053	0.058	-0.019	-0.077	0.063	-0.035	-0.098		-0.051		0.093	-0.058	-0.151	0.119	-0.081	-0.201	0.114			0.0500
0.0640																				-0.090		0.0640
0.0750	0.046	-0.013	-0.059	0.045	-0.021	-0.066	0.051	-0.040	-0.091	0.064	-0.050	-0.115	0.075	-0.052	-0.127	0.095	-0.086	-0.180	0.097			0.0750
0.0810																				-0.094		0.0810
0.1000	0.035	-0.015	-0.050	0.037	-0.026	-0.063	0.042	-0.041	-0.084	0.054	-0.049	-0.103	0.060	-0.056	-0.117	0.079	-0.092	-0.171	0.086	-0.095	-0.180	0.1000
0.1500	0.030	-0.021	-0.051	0.029	-0.032	-0.062	0.034	-0.045	-0.078	0.040	-0.051	-0.091	0.045	-0.057	-0.103	0.057	-0.096	-0.153	0.072	-0.096	-0.167	0.1500
0.2000	0.020	-0.025	-0.045	0.029	-0.034	-0.063	0.034	-0.045	-0.078	0.037			0.041	-0.054	-0.095	0.049	-0.089	-0.138	0.059	-0.099	-0.158	0.2000
0.3000	0.020	-0.034	-0.054	0.023	-0.009	-0.032	0.020	-0.051	-0.071				0.029	-0.050	-0.079	0.034	-0.093	-0.127	0.052	-0.101	-0.153	0.3000
0.4000	0.010	-0.040	-0.050	0.012	-0.043	-0.055	0.010	-0.053	-0.062				0.020	-0.043	-0.063	0.030	-0.093	-0.123	0.035	-0.099	-0.134	0.4000
0.5000	0.003	-0.045	-0.048	0.008	-0.048	-0.057	0.007	-0.053	-0.060				0.012	-0.047	-0.059	0.019	-0.091	-0.110	0.029	-0.108	-0.137	0.5000
0.6000		-0.047		0.007	-0.048	-0.056	0.003	-0.054	-0.057				0.007	-0.053	-0.061	0.011	-0.084	-0.095	0.024	-0.114	-0.138	0.6000
0.7000	0.024			0.009	-0.050	-0.059	0.005	-0.052	-0.058				0.008	-0.052	-0.060	0.004	-0.075	-0.079	0.020	-0.113	-0.133	0.7000
0.8000	-0.002	-0.057	-0.055	0.002	-0.054	-0.056	0.003	-0.056	-0.059				0.007	-0.052	-0.059	-0.001	-0.073	-0.072	0.016	-0.109	-0.125	0.8000
0.9000	0.008	-0.057	-0.066	0.004	-0.054	-0.058	-0.006	-0.059	-0.052				0.007	-0.055	-0.062	0.001	-0.073	-0.075	0.010	-0.103	-0.113	0.9000
1.0000	0.055	-0.054	-0.108	0.014	-0.052	-0.066	-0.023	-0.061	-0.037				0.009	-0.062	-0.071	0.011	-0.077	-0.088	0.003	-0.094	-0.097	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 2.230 α = 00.35																					
0.0000	0.118	0.077	-0.041	0.094	0.073	-0.020	0.074	0.072	-0.002				0.091	0.067	-0.025	0.108	0.084	-0.024	0.113	0.021		0.0000
0.0125	0.081	0.056	-0.024	0.068	0.048	-0.020	0.058	0.043	-0.015	0.059	0.047	-0.013	0.073	0.043	-0.030	0.082	0.048	-0.033	0.070			0.0125
0.0250	0.053	0.040	-0.013	0.048	0.029	-0.019	0.045	0.022	-0.023	0.042	0.029	-0.013	0.058	0.025	-0.034	0.062	0.022	-0.041	0.040			0.0250
0.0420																				-0.010		0.0420
0.0500	0.027	0.022	-0.005	0.023	0.008	-0.015	0.023	0.002	-0.021		0.028		0.036		-0.036	0.042	-0.006	-0.049	0.024			0.0500
0.0640																				-0.019		0.0640
0.0750	0.022	0.008	-0.014	0.014	0.000	-0.014	0.014	-0.008	-0.022	0.015	0.006	-0.009	0.019	-0.011	-0.031	0.023	-0.022	-0.045	0.012			0.0750
0.0810																				-0.024		0.0810
0.1000	0.013	0.003	-0.010	0.008	-0.005	-0.013	0.005	-0.012	-0.017	0.006	-0.012	-0.018	0.009	-0.015	-0.024	0.010	-0.025	-0.034	0.010	-0.026	-0.036	0.1000
0.1500	0.009	-0.004	-0.013	0.002	-0.012	-0.014	-0.002	-0.020	-0.017	-0.005	-0.020	-0.016	0.001	-0.023	-0.024	-0.007	-0.030	-0.024	-0.001	-0.034	-0.033	0.1500
0.2000	-0.002	-0.008	-0.007	0.001	-0.011	-0.012	-0.004	-0.021	-0.017	-0.008			-0.004	-0.025	-0.021	-0.008	-0.038	-0.030	-0.018	-0.041	-0.023	0.2000
0.3000	-0.004	-0.018	-0.014	0.008	0.008	0.016	-0.016	-0.027	-0.011				-0.009	-0.025	-0.016	-0.018	-0.044	-0.025	-0.011	-0.049	-0.038	0.3000
0.4000	-0.016	-0.023	-0.007	0.016	-0.024	-0.009	-0.021	-0.031	-0.011				-0.015	-0.022	-0.007	-0.018	-0.046	-0.028	-0.026	-0.053	-0.028	0.4000
0.5000	-0.021	-0.028	-0.006	0.017	-0.030	-0.013	-0.021	-0.032	-0.011				-0.021	-0.028	-0.006	-0.023	-0.045	-0.022	-0.033	-0.058	-0.025	0.5000
0.6000		-0.029		0.017	-0.031	-0.015	-0.025	-0.034	-0.010				-0.023	-0.033	-0.009	-0.026	-0.047	-0.021	-0.037	-0.065	-0.028	0.6000
0.7000	0.000			0.018	-0.031	-0.013	-0.023	-0.031	-0.008				-0.020	-0.033	-0.012	-0.027	-0.046	-0.020	-0.038	-0.069	-0.031	0.7000
0.8000	-0.024	-0.040	-0.017	0.021	-0.036	-0.015	-0.023	-0.034	-0.011				-0.024	-0.034	-0.010	-0.032	-0.046	-0.013	-0.039	-0.067	-0.028	0.8000
0.9000	-0.015	-0.039	-0.024	0.019	-0.038	-0.019	-0.033	-0.040	-0.007				-0.023	-0.038	-0.016	-0.030	-0.049	-0.019	-0.040	-0.060	-0.020	0.9000
1.0000	0.025	-0.033	-0.058	0.012	-0.038	-0.026	-0.053	-0.047	0.006				-0.016	-0.045	-0.028	-0.021	-0.057	-0.037	-0.041	-0.048	-0.007	1.0000
	M = 2.230 α = 04.28																					
0.0000	0.004	0.189	0.184	-0.031	0.186	0.217	-0.075	0.193	0.268				-0.106	0.229	0.335	-0.079	0.243	0.323	-0.066	0.199		0.0000
0.0125	0.011	0.148	0.159	0.040	0.148	0.188	-0.071	0.149	0.220	-0.098	0.177	0.275	-0.092	0.188	0.280	-0.081	0.210	0.291	-0.095			0.0125
0.0250	0.022	0.118	0.140	0.047	0.118	0.165	-0.069	0.116	0.186	-0.095	0.141	0.236	-0.084	0.156	0.241	-0.084	0.183	0.266	-0.112			0.0250
0.0420																				0.161		0.0420
0.0500	0.034	0.089	0.123	0.054	0.081	0.135	-0.071	0.087	0.157		0.108		-0.087	0.122	0.209	-0.089	0.147	0.236	-0.112			0.0500
0.0640																				0.145		0.0640
0.0750	0.035	0.068	0.103	0.053	0.068	0.120	-0.068	0.071	0.139	-0.083	0.090	0.173	-0.088	0.102	0.191	-0.097	0.124	0.221	-0.115			0.0750
0.0810																				0.136		0.0810
0.1000	0.039	0.061	0.100	0.052	0.059	0.111	-0.068	0.063	0.131	-0.081	0.080	0.160	-0.090	0.089	0.179	-0.103	0.113	0.216	-0.111	0.127	0.238	0.1000
0.1500	0.040	0.048	0.088	0.055	0.048	0.102	-0.068	0.054	0.122	-0.081	0.066	0.147	-0.088	0.072	0.161	-0.113	0.094	0.208	-0.112	0.114	0.227	0.1500
0.2000	0.048	0.039	0.088	0.055	0.049	0.103	-0.067	0.052	0.119	-0.075			-0.091	0.063	0.155	-0.106	0.083	0.190	-0.125	0.102	0.227	0.2000
0.3000	0.051	0.030	0.081	0.058	0.060	0.118	-0.068	0.037	0.105				-0.073	0.049	0.122	-0.111	0.063	0.174	-0.111	0.082	0.194	0.3000
0.4000	0.062	0.028	0.090	0.063	0.031	0.094	-0.070	0.027	0.096				-0.069	0.043	0.112	-0.108	0.052	0.160	-0.121	0.067	0.188	0.4000
0.5000	0.064	0.024	0.088	0.062	0.024	0.086	-0.067	0.024	0.091				-0.072	0.033	0.105	-0.111	0.043	0.154	-0.129	0.056	0.185	0.5000
0.6000		0.016		0.060	0.017	0.077	-0.069	0.016	0.085				-0.071	0.023	0.094	-0.110	0.031	0.141	-0.129	0.045	0.174	0.6000
0.7000	0.039			0.060	0.019	0.079	-0.066	0.019	0.086				-0.066	0.021	0.086	-0.099	0.024	0.122	-0.127	0.039	0.166	0.7000
0.8000	0.061	0.004	0.066	0.064	0.013	0.078	-0.067	0.016	0.083				-0.067	0.018	0.085	-0.093	0.018	0.111	-0.124	0.039	0.163	0.8000
0.9000	0.057	0.006	0.064	0.058	0.011	0.068	-0.074	0.009	0.083				-0.066	0.012	0.079	-0.085	0.011	0.097	-0.116	0.042	0.158	0.9000
1.0000	0.028	0.014	0.041	0.041	0.010	0.051	-0.086	-0.001	0.085				-0.063	0.004	0.067	-0.077	0.004	0.080	-0.104	0.047	0.151	1.0000
	M = 2.234 α = 08.26																					
0.0000	0.104	0.273	0.376	0.127	0.263	0.390	-0.148	0.264	0.412				-0.179	0.292	0.471	-0.145	0.292	0.437	-0.123	0.278		0.0000
0.0125	0.095	0.229	0.324	0.120	0.227	0.347	-0.137	0.227	0.364	-0.151	0.250	0.400	-0.149	0.262	0.412	-0.138	0.279	0.417	-0.148			0.0125
0.0250	0.090	0.196	0.286	0.117	0.197	0.314	-0.131	0.198	0.329	-0.149	0.222	0.371	-0.133	0.238	0.371	-0.135	0.266	0.400	-0.161			0.0250
0.0420																				0.249		0.0420
0.0500	0.091	0.162	0.253	0.119	0.160	0.278	-0.131	0.169	0.300		0.191		-0.140	0.206	0.346	-0.140	0.236	0.376	-0.157			0.0500
0.0640																				0.236		0.0640
0.0750	0.091	0.137	0.229	0.122	0.145	0.267	-0.131	0.151	0.282	-0.139	0.168	0.307	-0.142	0.188	0.330	-0.144	0.213	0.357	-0.159			0.0750
0.0810																				0.226		0.0810
0.1000	0.086	0.132	0.218	0.122	0.133	0.254	-0.134	0.141	0.275	-0.139	0.157	0.296	-0.142	0.174	0.316	-0.145	0.201	0.346	-0.154	0.218	0.371	0.1000
0.1500	0.081	0.115	0.196	0.094	0.116	0.211	-0.139	0.128	0.267	-0.140	0.140	0.280	-0.139	0.153	0.291	-0.153	0.178	0.330	-0.151	0.203	0.354	0.1500
0.2000	0.087	0.103	0.190	0.088	0.115	0.203	-0.131	0.122	0.253	-0.140			-0.142	0.141	0.282	-0.143	0.164	0.307	-0.165	0.187	0.352	0.2000
0.3000	0.087	0.093	0.180	0.092	0.117	0.209	-0.095	0.102	0.197				-0.136	0.118	0.254	-0.150	0.139	0.289	-0.147	0.164	0.311	0.3000
0.4000	0.091	0.087	0.178	0.094	0.091	0.185	-0.095	0.090	0.185				-0.135	0.112	0.246	-0.147	0.125	0.272	-0.157	0.150	0.307	0.4000
0.5000	0.092	0.081	0.173	0.090	0.080	0.171	-0.091	0.083	0.174				-0.130	0.095	0.226	-0.150	0.111	0.261	-0.163	0.137	0.300	0.5000
0.6000		0.067		0.087	0.068	0.155	-0.093	0.071	0.164				-0.104	0.082	0.186	-0.150	0.098	0.248	-0.164	0.124	0.288	0.6000
0.7000	0.062			0.088	0.069	0.157	-0.090	0.071	0.161				-0.086	0.076	0.162	-0.145	0.089	0.234	-0.162	0.116	0.277	0.7000
0.8000	0.083	0.052	0.135	0.091	0.061	0.152	-0.091	0.067	0.158				-0.088	0.072	0.160	-0.143	0.078	0.221	-0.158	0.113	0.271	0.8000
0.9000	0.085	0.057	0.142	0.084	0.060	0.144	-0.097	0.059	0.157				-0.087	0.064	0.152	-0.138	0.068	0.207	-0.154	0.114	0.268	0.9000
1.0000	0.068	0.070	0.138	0.069	0.064	0.132	-0.108	0.049	0.158				-0.084	0.053	0.137	-0.132	0.059	0.191	-0.150	0.118	0.267	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4°$ - Concluded

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 2.234 α = 12.24																					
0.0000	-0.152	0.271	0.424	-0.159	0.311	0.470	-0.172	0.312	0.484				-0.208	0.323	0.530	-0.165	0.310	0.476	-0.142	0.300		0.0000
0.0125	-0.145	0.266	0.410	-0.153	0.291	0.445	-0.164	0.291	0.454	-0.166	0.307	0.473	-0.170	0.316	0.486	-0.156	0.322	0.478	-0.163			0.0125
0.0250	-0.140	0.256	0.396	-0.150	0.272	0.423	-0.158	0.273	0.432	-0.168	0.296	0.464	-0.150	0.307	0.457	-0.152	0.326	0.478	-0.175			0.0250
0.0420																				0.312		0.0420
0.0500	-0.136	0.228	0.364	-0.150	0.237	0.388	-0.159	0.250	0.409		0.271		-0.162	0.282	0.444	-0.157	0.310	0.466	-0.170			0.0500
0.0640																				0.307		0.0640
0.0750	-0.138	0.207	0.345	-0.155	0.221	0.376	-0.159	0.229	0.387	-0.159	0.251	0.409	-0.163	0.267	0.430	-0.161	0.291	0.452	-0.170			0.0750
0.0810																				0.298		0.0810
0.1000	-0.139	0.199	0.338	-0.155	0.203	0.358	-0.161	0.220	0.381	-0.159	0.239	0.399	-0.165	0.251	0.416	-0.162	0.282	0.443	-0.167	0.293	0.460	0.1000
0.1500	-0.123	0.182	0.305	-0.143	0.193	0.336	-0.164	0.203	0.366	-0.162	0.217	0.379	-0.162	0.229	0.391	-0.170	0.261	0.431	-0.163	0.278	0.441	0.1500
0.2000	-0.114	0.166	0.281	-0.141	0.196	0.337	-0.162	0.194	0.355	-0.162			-0.165	0.210	0.375	-0.160	0.242	0.401	-0.176	0.268	0.444	0.2000
0.3000	-0.112	0.159	0.271	-0.125	0.184	0.309	-0.150	0.173	0.322				-0.162	0.193	0.355	-0.168	0.214	0.382	-0.160	0.247	0.407	0.3000
0.4000	-0.116	0.157	0.273	-0.115	0.162	0.277	-0.145	0.158	0.303				-0.159	0.177	0.335	-0.166	0.194	0.360	-0.171	0.229	0.400	0.4000
0.5000	-0.114	0.138	0.253	-0.109	0.137	0.247	-0.120	0.144	0.264				-0.160	0.157	0.316	-0.168	0.180	0.349	-0.175	0.215	0.390	0.5000
0.6000		0.131		-0.108	0.130	0.238	-0.113	0.134	0.247				-0.151	0.146	0.297	-0.168	0.166	0.334	-0.177	0.200	0.376	0.6000
0.7000	-0.080			-0.109	0.125	0.234	-0.110	0.131	0.240				-0.141	0.137	0.278	-0.164	0.156	0.320	-0.175	0.188	0.363	0.7000
0.8000	-0.102	0.104	0.206	-0.111	0.115	0.226	-0.111	0.120	0.231				-0.141	0.127	0.268	-0.164	0.141	0.306	-0.171	0.181	0.352	0.8000
0.9000	-0.107	0.114	0.222	-0.103	0.117	0.220	-0.116	0.115	0.231				-0.129	0.116	0.245	-0.162	0.129	0.292	-0.168	0.178	0.346	0.9000
1.0000	-0.095	0.141	0.237	-0.084	0.130	0.214	-0.125	0.116	0.240				-0.105	0.105	0.210	-0.159	0.120	0.279	-0.165	0.181	0.346	1.0000
	M = 2.230 α = 16.17																					
0.0000	-0.172	0.291	0.463	-0.175	0.269	0.444	-0.184	0.280	0.464				-0.224	0.338	0.561	-0.177	0.299	0.476	-0.151	0.342		0.0000
0.0125	-0.168	0.328	0.496	-0.172	0.287	0.459	-0.178	0.304	0.482	-0.168	0.345	0.513	-0.181	0.356	0.537	-0.165	0.349	0.514	-0.169			0.0125
0.0250	-0.165	0.343	0.508	-0.170	0.296	0.466	-0.175	0.317	0.491	-0.173	0.362	0.535	-0.158	0.365	0.523	-0.159	0.380	0.539	-0.179			0.0250
0.0420																				0.375		0.0420
0.0500	-0.162	0.311	0.474	-0.172	0.286	0.458	-0.175	0.311	0.486		0.348		-0.173	0.353	0.526	-0.166	0.379	0.546	-0.174			0.0500
0.0640																				0.378		0.0640
0.0750	-0.164	0.279	0.443	-0.173	0.283	0.456	-0.175	0.301	0.476	-0.168	0.330	0.498	-0.176	0.345	0.521	-0.166	0.368	0.535	-0.176			0.0750
0.0810																				0.373		0.0810
0.1000	-0.166	0.267	0.433	-0.174	0.275	0.449	-0.175	0.300	0.475	-0.168	0.321	0.488	-0.177	0.334	0.511	-0.168	0.362	0.530	-0.172	0.372	0.545	0.1000
0.1500	-0.157	0.235	0.392	-0.167	0.273	0.439	-0.179	0.282	0.461	-0.170	0.302	0.472	-0.175	0.312	0.488	-0.170	0.344	0.515	-0.167	0.357	0.524	0.1500
0.2000	-0.145	0.225	0.370	-0.167	0.269	0.436	-0.179	0.278	0.457	-0.169			-0.178	0.299	0.477	-0.179	0.319	0.498	-0.180	0.349	0.530	0.2000
0.3000	-0.135	0.221	0.355	-0.158	0.266	0.424	-0.170	0.257	0.427				-0.176	0.268	0.444	-0.172	0.291	0.463	-0.165	0.326	0.491	0.3000
0.4000	-0.138	0.223	0.361	-0.153	0.232	0.385	-0.168	0.231	0.400				-0.171	0.253	0.425	-0.177	0.280	0.458	-0.167	0.315	0.482	0.4000
0.5000	-0.133	0.210	0.343	-0.147	0.219	0.366	-0.156	0.225	0.381				-0.173	0.235	0.408	-0.176	0.265	0.441	-0.176	0.295	0.471	0.5000
0.6000		0.205		-0.139	0.207	0.346	-0.156	0.209	0.365				-0.169	0.220	0.389	-0.175	0.246	0.421	-0.179	0.280	0.458	0.6000
0.7000	-0.093			-0.137	0.193	0.330	-0.150	0.200	0.351				-0.163	0.209	0.372	-0.173	0.235	0.407	-0.180	0.260	0.440	0.7000
0.8000	-0.114	0.171	0.285	-0.132	0.187	0.320	-0.145	0.193	0.338				-0.165	0.196	0.361	-0.174	0.222	0.396	-0.178	0.255	0.434	0.8000
0.9000	-0.122	0.182	0.303	-0.121	0.186	0.307	-0.147	0.182	0.329				-0.158	0.188	0.346	-0.174	0.213	0.386	-0.174	0.253	0.428	0.9000
1.0000	-0.115	0.210	0.326	-0.104	0.189	0.293	-0.155	0.168	0.323				-0.142	0.184	0.327	-0.172	0.207	0.378	-0.169	0.254	0.423	1.0000

A 4 4 1 6

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
										M = 0.702		α = -04.23										
0.0000	0.269	-0.807	-1.075	0.225	-0.702	-0.927	0.207	-0.629	-0.836				0.234	-0.746	-0.980	0.154	-0.644	-0.797	0.194	-0.602		0.0000
0.0125	0.195	-0.450	-0.645	0.181	-0.607	-0.788	0.168	-0.653	-0.822	0.164	-0.709	-0.873	0.175	-0.747	-0.923	0.164	-0.648	-0.812	0.184			0.0125
0.0250	0.141	-0.237	-0.378	0.146	-0.505	-0.650	0.135	-0.618	-0.753	0.126	-0.420	-0.546	0.132	-0.690	-0.822	0.161	-0.652	-0.813	0.171			0.0250
0.0420																				-0.550		0.0420
0.0500	0.096	-0.242	-0.338	0.098	-0.277	-0.376	0.084	-0.366	-0.450		-0.341		0.090	-0.402	-0.492	0.116	-0.657	-0.773	0.140			0.0500
0.0640																				-0.542		0.0640
0.0750	0.077	-0.225	-0.302	0.063	-0.250	-0.313	0.060	-0.296	-0.356	0.056	-0.313	-0.369	0.062	-0.312	-0.374	0.086	-0.673	-0.759	0.115			0.0750
0.0810																				-0.545		0.0810
0.1000	0.052	-0.213	-0.265	0.048	-0.235	-0.282	0.039	-0.260	-0.298	0.036	-0.288	-0.323	0.042	-0.283	-0.325	0.067	-0.673	-0.740	0.103	-0.544	-0.647	0.1000
0.1500	0.030	-0.195	-0.224	0.029	-0.207	-0.236	0.021	-0.236	-0.257	0.014	-0.261	-0.275	0.022	-0.252	-0.275	0.044	-0.563	-0.608	0.084	-0.548	-0.632	0.1500
0.2000	0.013	-0.185	-0.198	0.016	-0.193	-0.209	0.011	-0.220	-0.231	0.010			0.017	-0.236	-0.253	0.030	-0.394	-0.424	0.067	-0.552	-0.619	0.2000
0.3000	-0.003	-0.182	-0.179	0.003	-0.183	-0.179	-0.009	-0.199	-0.189				0.002	-0.210	-0.212	0.017	-0.193	-0.211	0.039	-0.570	-0.609	0.3000
0.4000	-0.015	-0.178	-0.163	-0.013	-0.176	-0.163	-0.023	-0.187	-0.164				-0.007	-0.187	-0.181	0.010	-0.189	-0.199	0.020	-0.567	-0.588	0.4000
0.5000	-0.025	-0.165	-0.140	-0.015	-0.168	-0.153	-0.019	-0.172	-0.153				-0.010	-0.169	-0.160	0.005	-0.165	-0.170	0.016	-0.528	-0.544	0.5000
0.6000		-0.151		-0.011	-0.150	-0.139	-0.022	-0.155	-0.134				-0.013	-0.149	-0.137	0.002	-0.149	-0.151	0.009	-0.424	-0.433	0.6000
0.7000	-0.024			-0.022	-0.131	-0.109	-0.026	-0.129	-0.103				-0.016	-0.126	-0.109	-0.002	-0.122	-0.120	0.002	-0.282	-0.284	0.7000
0.8000	-0.036	-0.105	-0.069	-0.029	-0.098	-0.070	-0.033	-0.101	-0.067				-0.020	-0.091	-0.071	-0.008	-0.088	-0.080	-0.006	-0.137	-0.132	0.8000
0.9000	-0.031	-0.059	-0.028	-0.021	-0.049	-0.028	-0.023	-0.055	-0.033				0.002	-0.042	-0.044	0.003	-0.042	-0.046	-0.015	-0.029	-0.014	0.9000
1.0000	-0.009	0.003	0.012	0.001	0.018	0.017	0.005	0.006	0.000				0.048	0.021	-0.027	0.032	0.015	-0.017	-0.026	0.043	0.069	1.0000
										M = 0.697		α = -00.20										
0.0000	0.263	-0.681	-0.944	0.248	-0.908	-1.156	0.234	-1.068	-1.301				0.014	-0.092	-0.106	-0.099	-0.034	0.065	-0.071	-0.121		0.0000
0.0125	0.178	-0.394	-0.572	0.178	-0.609	-0.787	0.155	-0.670	-0.826	0.045	-0.310	-0.355	-0.038	-0.104	-0.066	-0.112	-0.066	0.046	-0.111			0.0125
0.0250	0.116	-0.221	-0.338	0.123	-0.401	-0.524	0.093	-0.412	-0.505	-0.006	-0.254	-0.248	-0.073	-0.113	-0.040	-0.120	-0.089	0.031	-0.136			0.0250
0.0420																				-0.106		0.0420
0.0500	0.062	-0.216	-0.278	0.057	-0.262	-0.319	0.012	-0.315	-0.327		-0.216		-0.092	-0.122	-0.030	-0.124	-0.111	0.013	-0.140			0.0500
0.0640																				-0.104		0.0640
0.0750	0.035	-0.193	-0.229	0.009	-0.214	-0.223	-0.029	-0.253	-0.224	-0.077	-0.186	-0.109	-0.104	-0.118	-0.014	-0.144	-0.114	0.031	-0.141			0.0750
0.0810																				-0.106		0.0810
0.1000	0.006	-0.178	-0.184	-0.017	-0.187	-0.169	-0.059	-0.215	-0.157	-0.094	-0.167	-0.073	-0.109	-0.118	-0.009	-0.143	-0.118	0.025	-0.136	-0.105	0.031	0.1000
0.1500	-0.028	-0.144	-0.116	-0.052	-0.150	-0.098	-0.088	-0.180	-0.092	-0.101	-0.154	-0.053	-0.109	-0.115	-0.006	-0.140	-0.118	0.022	-0.134	-0.106	0.028	0.1500
0.2000	-0.057	-0.124	-0.066	-0.074	-0.131	-0.057	-0.094	-0.167	-0.073	-0.106			-0.106	-0.113	-0.006	-0.138	-0.117	0.021	-0.127	-0.112	0.014	0.2000
0.3000	-0.094	-0.112	-0.018	-0.101	-0.121	-0.020	-0.113	-0.154	-0.041				-0.107	-0.109	-0.002	-0.121	-0.121	0.000	-0.121	-0.114	0.007	0.3000
0.4000	-0.103	-0.113	-0.010	-0.100	-0.114	-0.014	-0.114	-0.144	-0.031				-0.102	-0.103	-0.001	-0.108	-0.105	-0.007	-0.116	-0.106	0.010	0.4000
0.5000	-0.107	-0.108	-0.001	-0.099	-0.110	-0.011	-0.102	-0.134	-0.033				-0.094	-0.101	-0.006	-0.095	-0.102	-0.008	-0.102	-0.103	-0.001	0.5000
0.6000		-0.106		-0.084	-0.111	-0.027	-0.094	-0.126	-0.031				-0.085	-0.097	-0.011	-0.085	-0.094	-0.009	-0.094	-0.093	0.001	0.6000
0.7000	-0.091			-0.089	-0.096	-0.008	-0.090	-0.105	-0.015				-0.078	-0.087	-0.009	-0.075	-0.083	-0.008	-0.076	-0.083	-0.008	0.7000
0.8000	-0.088	-0.081	0.007	-0.080	-0.080	0.000	-0.084	-0.088	-0.005				-0.069	-0.066	0.003	-0.061	-0.068	-0.007	-0.059	-0.060	-0.001	0.8000
0.9000	-0.068	-0.049	0.019	-0.058	-0.047	0.010	-0.058	-0.055	0.003				-0.034	-0.033	0.001	-0.032	-0.044	-0.012	-0.038	-0.033	0.006	0.9000
1.0000	-0.032	-0.003	0.029	-0.022	0.002	0.024	-0.014	-0.004	0.009				0.028	0.012	-0.016	0.013	-0.011	-0.024	-0.014	-0.002	0.011	1.0000
										M = 0.698		α = 03.73										
0.0000	0.221	-0.636	-0.857	0.148	-1.133	-1.281	-0.014	-0.536	-0.522				-0.390	-0.017	0.372	-0.639	0.166	0.805	-0.526	0.097		0.0000
0.0125	0.172	-0.373	-0.545	0.180	-0.764	-0.943	0.032	-0.696	-0.728	-0.293	-0.252	0.042	-0.357	0.026	0.383	-0.644	0.164	0.808	-0.533			0.0125
0.0250	0.137	-0.213	-0.350	0.188	-0.495	-0.683	0.046	-0.686	-0.732	-0.309	-0.170	0.139	-0.332	0.054	0.386	-0.647	0.157	0.804	-0.538			0.0250
0.0420																				0.148		0.0420
0.0500	0.110	-0.205	-0.315	0.136	-0.261	-0.397	-0.019	-0.156	-0.137		-0.010		-0.307	0.066	0.373	-0.653	0.124	0.776	-0.536			0.0500
0.0640																				0.144		0.0640
0.0750	0.090	-0.194	-0.283	0.055	-0.190	-0.245	-0.086	-0.042	0.045	-0.324	0.025	0.349	-0.293	0.062	0.355	-0.658	0.095	0.753	-0.536			0.0750
0.0810																				0.127		0.0810
0.1000	0.051	-0.176	-0.227	-0.002	-0.144	-0.143	-0.136	-0.029	0.107	-0.325	0.042	0.367	-0.282	0.052	0.334	-0.641	0.076	0.717	-0.534	0.114	0.648	0.1000
0.1500	-0.024	-0.115	-0.092	-0.093	-0.075	0.018	-0.177	-0.015	0.162	-0.297	0.032	0.329	-0.270	0.034	0.304	-0.549	0.057	0.606	-0.535	0.092	0.627	0.1500
0.2000	-0.093	-0.062	0.030	-0.136	-0.035	0.101	-0.187	-0.007	0.180	-0.276			-0.263	0.019	0.283	-0.387	0.043	0.430	-0.540	0.078	0.618	0.2000
0.3000	-0.156	-0.020	0.136	-0.168	-0.008	0.160	-0.192	-0.013	0.179				-0.248	0.003	0.250	-0.194	0.017	0.211	-0.550	0.043	0.593	0.3000
0.4000	-0.161	-0.015	0.147	-0.161	-0.014	0.148	-0.183	-0.020	0.162				-0.231	-0.005	0.225	-0.155	0.000	0.155	-0.557	0.027	0.584	0.4000
0.5000	-0.159	-0.017	0.142	-0.145	-0.020	0.125	-0.155	-0.025	0.130				-0.208	-0.013	0.195	-0.146	-0.003	0.143	-0.521	0.015	0.536	0.5000
0.6000		-0.024		-0.121	-0.023	0.098	-0.137	-0.032	0.106				-0.177	-0.020	0.158	-0.128	-0.012	0.116	-0.445	0.004	0.448	0.6000
0.7000	-0.119			-0.112	-0.023	0.089	-0.117	-0.028	0.089				-0.150	-0.022	0.128	-0.101	-0.010	0.091	-0.331	-0.003	0.327	0.7000
0.8000	-0.102	-0.025	0.077	-0.092	-0.018	0.074	-0.099	-0.025	0.074				-0.120	-0.014	0.105	-0.077	-0.010	0.067	-0.189	-0.007	0.182	0.8000
0.9000	-0.069	-0.009	0.060	-0.058	-0.001	0.058	-0.060	-0.010	0.050				-0.062	0.002	0.064	-0.029	-0.007	0.021	-0.089	-0.002	0.087	0.9000
1.0000	-0.020	0.019	0.039	-0.010	0.030	0.040	-0.002	0.016	0.018				0.022	0.026	0.004	0.044	-0.001	-0.046	-0.031	0.011	0.041	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 0.701			α = 07.76										
0.0000	0.042	-0.057	-0.098	-0.158	-0.052	0.106	-0.394	-0.075	0.319				-0.572	0.107	0.679	-0.694	0.017	0.711	-0.575	0.138		0.0000
0.0125	-0.011	-0.024	-0.013	-0.165	-0.013	0.152	-0.349	0.022	0.371	-0.740	0.060	0.800	-0.607	0.161	0.768	-0.685	0.111	0.797	-0.572			0.0125
0.0250	-0.051	-0.002	0.049	-0.175	0.017	0.192	-0.328	0.088	0.416	-0.637	0.168	0.805	-0.633	0.191	0.823	-0.682	0.171	0.853	-0.570			0.0250
0.0420																				0.185		0.0420
0.0500	-0.096	0.006	0.102	-0.205	0.050	0.256	-0.357	0.127	0.484		0.185		-0.657	0.176	0.833	-0.689	0.189	0.878	-0.565			0.0500
0.0640																				0.193		0.0640
0.0750	-0.127	0.022	0.149	-0.253	0.075	0.328	-0.379	0.134	0.514	-0.441	0.159	0.600	-0.651	0.159	0.810	-0.697	0.177	0.873	-0.563			0.0750
0.0810																				0.191		0.0810
0.1000	-0.168	0.038	0.206	-0.276	0.085	0.361	-0.398	0.130	0.528	-0.446	0.143	0.589	-0.598	0.142	0.740	-0.705	0.167	0.872	-0.561	0.185	0.747	0.1000
0.1500	-0.229	0.061	0.290	-0.318	0.093	0.412	-0.404	0.106	0.511	-0.434	0.108	0.541	-0.508	0.118	0.626	-0.719	0.146	0.865	-0.558	0.171	0.729	0.1500
0.2000	-0.265	0.072	0.338	-0.334	0.087	0.421	-0.404	0.089	0.492	-0.431			-0.457	0.101	0.558	-0.755	0.128	0.883	-0.555	0.151	0.705	0.2000
0.3000	-0.296	0.060	0.356	-0.339	0.067	0.406	-0.392	0.067	0.459				-0.401	0.078	0.480	-0.772	0.096	0.868	-0.546	0.118	0.665	0.3000
0.4000	-0.279	0.044	0.324	-0.316	0.051	0.367	-0.374	0.050	0.424				-0.360	0.064	0.424	-0.784	0.072	0.855	-0.533	0.091	0.624	0.4000
0.5000	-0.258	0.037	0.294	-0.274	0.035	0.309	-0.330	0.038	0.368				-0.323	0.048	0.371	-0.683	0.054	0.737	-0.519	0.064	0.583	0.5000
0.6000		0.023		-0.228	0.024	0.252	-0.290	0.023	0.312				-0.287	0.033	0.319	-0.512	0.040	0.552	-0.510	0.035	0.545	0.6000
0.7000	-0.172			-0.194	0.011	0.205	-0.245	0.016	0.262				-0.249	0.019	0.268	-0.284	0.023	0.307	-0.513	0.008	0.521	0.7000
0.8000	-0.129	0.001	0.130	-0.147	0.003	0.151	-0.198	0.005	0.203				-0.211	0.011	0.223	-0.147	0.003	0.150	-0.500	-0.021	0.478	0.8000
0.9000	-0.073		0.073	-0.092	0.006	0.097	-0.136	0.005	0.141				-0.146	0.009	0.155	-0.071	-0.007	0.064	-0.484	-0.073	0.411	0.9000
1.0000	-0.004	0.005	0.009	-0.027	0.017	0.044	-0.059	0.016	0.076				-0.052	0.011	0.063	-0.055	-0.008	0.047	-0.466	-0.148	0.319	1.0000
									M = 0.695			α = 11.88										
0.0000	-0.470	0.179	0.649	-1.444	0.089	1.533	-0.793	-0.001	0.792				-1.048	-0.073	0.975	-0.998	-0.210	0.788	-0.783	-0.043		0.0000
0.0125	-0.366	0.186	0.552	-0.916	0.145	1.061	-1.119	0.110	1.229	-1.119	0.052	1.172	-1.080	0.084	1.164	-0.986	-0.006	0.980	-0.777			0.0125
0.0250	-0.303	0.188	0.492	-0.562	0.180	0.742	-1.225	0.181	1.405	-1.177	0.176	1.352	-1.112	0.186	1.299	-0.980	0.129	1.109	-0.774			0.0250
0.0420																				0.138		0.0420
0.0500	-0.302	0.178	0.480	-0.376	0.190	0.566	-0.774	0.202	0.976		0.208		-1.180	0.226	1.406	-0.985	0.195	1.180	-0.771			0.0500
0.0640																				0.180		0.0640
0.0750	-0.313	0.174	0.486	-0.402	0.191	0.593	-0.494	0.203	0.696	-1.337	0.206	1.543	-1.221	0.236	1.457	-1.012	0.218	1.230	-0.767			0.0750
0.0810																				0.186		0.0810
0.1000	-0.339	0.173	0.512	-0.407	0.188	0.596	-0.478	0.203	0.681	-0.911	0.207	1.118	-1.446	0.228	1.674	-1.056	0.218	1.274	-0.763	0.195	0.958	0.1000
0.1500	-0.387	0.173	0.560	-0.433	0.183	0.617	-0.477	0.191	0.668	-0.574	0.196	0.770	-1.096	0.211	1.306	-1.078	0.208	1.285	-0.752	0.195	0.947	0.1500
0.2000	-0.409	0.168	0.578	-0.446	0.179	0.625	-0.482	0.179	0.661	-0.531			-0.712	0.195	0.906	-1.055	0.197	1.252	-0.747	0.189	0.936	0.2000
0.3000	-0.450	0.151	0.601	-0.459	0.161	0.621	-0.482	0.158	0.639				-0.507	0.167	0.674	-1.132	0.169	1.302	-0.772	0.167	0.938	0.3000
0.4000	-0.437	0.130	0.567	-0.435	0.139	0.575	-0.454	0.136	0.590				-0.453	0.147	0.600	-1.473	0.134	1.607	-0.780	0.136	0.917	0.4000
0.5000	-0.404	0.118	0.522	-0.394	0.118	0.512	-0.402	0.117	0.519				-0.404	0.124	0.528	-1.237	0.117	1.354	-0.703	0.104	0.807	0.5000
0.6000		0.094		-0.336	0.094	0.430	-0.355	0.091	0.446				-0.350	0.098	0.448	-0.868	0.085	0.953	-0.624	0.069	0.693	0.6000
0.7000	-0.287			-0.289	0.071	0.360	-0.301	0.074	0.375				-0.294	0.072	0.366	-0.602	0.063	0.666	-0.559	0.021	0.580	0.7000
0.8000	-0.224	0.044	0.269	-0.225	0.050	0.274	-0.240	0.048	0.288				-0.232	0.052	0.283	-0.404	0.026	0.429	-0.494	-0.019	0.475	0.8000
0.9000	-0.142	0.025	0.167	-0.145	0.033	0.178	-0.160	0.029	0.189				-0.138	0.033	0.172	-0.245	-0.010	0.235	-0.446	-0.106	0.340	0.9000
1.0000	-0.040	0.009	0.049	-0.052	0.022	0.073	-0.063	0.016	0.079				-0.014	0.016	0.031	-0.127	-0.044	0.084	-0.414	-0.240	0.175	1.0000
									M = 0.697			α = 15.86										
0.0000	-2.766	0.181	2.947	-1.171	0.002	1.173	-1.419	-0.175	1.244				-1.393	-0.285	1.108	-1.278	-0.435	0.843	-0.965	-0.030		0.0000
0.0125	-1.461	0.275	1.735	-1.452	0.155	1.607	-1.446	0.058	1.504	-1.440	-0.042	1.398	-1.410	-0.016	1.393	-1.257	-0.153	1.104	-0.960			0.0125
0.0250	-0.660	0.331	0.991	-1.606	0.254	1.860	-1.485	0.209	1.694	-1.463	0.166	1.629	-1.430	0.163	1.593	-1.244	0.042	1.286	-0.955			0.0250
0.0420																				0.075		0.0420
0.0500	-0.570	0.331	0.901	-1.532	0.290	1.823	-1.596	0.269	1.864		0.255		-1.484	0.251	1.735	-1.243	0.174	1.418	-0.947			0.0500
0.0640																				0.125		0.0640
0.0750	-0.554	0.322	0.875	-0.862	0.300	1.162	-1.832	0.282	2.114	-1.560	0.274	1.834	-1.485	0.284	1.769	-1.278	0.233	1.511	-0.942			0.0750
0.0810																				0.161		0.0810
0.1000	-0.573	0.312	0.885	-0.600	0.295	0.896	-1.383	0.290	1.673	-1.788	0.285	2.073	-1.500	0.290	1.790	-1.312	0.246	1.558	-0.926	0.184	1.110	0.1000
0.1500	-0.599	0.295	0.894	-0.601	0.287	0.888	-0.750	0.279	1.029	-1.430	0.277	1.707	-1.876	0.280	2.156	-1.375	0.260	1.635	-0.903	0.202	1.104	0.1500
0.2000	-0.595	0.277	0.871	-0.617	0.281	0.898	-0.673	0.268	0.940	-0.979			-1.584	0.268	1.852	-1.333	0.252	1.586	-0.898	0.216	1.113	0.2000
0.3000	-0.625	0.240	0.864	-0.629	0.253	0.882	-0.647	0.243	0.890				-0.930	0.241	1.171	-1.285	0.235	1.521	-0.909	0.204	1.113	0.3000
0.4000	-0.602	0.208	0.810	-0.603	0.226	0.829	-0.617	0.215	0.833				-0.705	0.216	0.922	-1.310	0.202	1.512	-0.881	0.179	1.060	0.4000
0.5000	-0.558	0.188	0.745	-0.545	0.193	0.738	-0.554	0.189	0.742				-0.596	0.187	0.783	-1.680	0.178	1.858	-0.784	0.147	0.931	0.5000
0.6000		0.159		-0.473	0.163	0.636	-0.488	0.155	0.643				-0.515	0.154	0.669	-1.421	0.137	1.558	-0.678	0.098	0.775	0.6000
0.7000	-0.394			-0.406	0.131	0.537	-0.416	0.128	0.544				-0.435	0.121	0.556	-1.127	0.102	1.229	-0.598	0.052	0.650	0.7000
0.8000	-0.309	0.086	0.395	-0.315	0.096	0.411	-0.335	0.089	0.423				-0.349	0.085	0.433	-0.867	0.049	0.917	-0.572	-0.010	0.562	0.8000
0.9000	-0.198	0.045	0.243	-0.207	0.058	0.265	-0.227	0.048	0.275				-0.226	0.041	0.267	-0.606	-0.026	0.580	-0.511	-0.115	0.396	0.9000
1.0000	-0.062		0.062	-0.081	0.017	0.098	-0.093	0.005	0.098				-0.066	-0.009	0.056	-0.343	-0.125	0.218	-0.413	-0.262	0.151	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.906 α = 03.78																					
0.0000	0.256	-0.759	-1.015	0.181	-0.986	-1.167	0.149	-0.621	-0.770				-0.310	-0.163	0.147	-0.691	0.152	0.844	-0.611	0.104		0.0000
0.0125	0.197	-0.409	-0.606	0.213	-0.844	-1.058	0.190	-0.809	-0.999	-0.201	-0.289	-0.088	-0.314	-0.102	0.211	-0.676	0.153	0.828	-0.614			0.0125
0.0250	0.156	-0.201	-0.356	0.225	-0.685	-0.911	0.197	-0.833	-1.029	-0.196	-0.308	-0.112	-0.317	-0.055	0.262	-0.670	0.145	0.815	-0.616			0.0250
0.0420																				0.135		0.0420
0.0500	0.128	-0.209	-0.337	0.188	-0.315	-0.503	0.104	-0.391	-0.495		-0.165		-0.322	-0.004	0.318	-0.688	0.108	0.796	-0.618			0.0500
0.0640																				0.128		0.0640
0.0750	0.120	-0.212	-0.333	0.121	-0.260	-0.381	0.002	-0.097	-0.098	-0.242	-0.035	0.208	-0.328	0.034	0.361	-0.694	0.088	0.782	-0.616			0.0750
0.0810																				0.111		0.0810
0.1000	0.095	-0.214	-0.309	0.063	-0.207	-0.271	-0.076	-0.048	0.028	-0.266	-0.008	0.257	-0.327	0.050	0.377	-0.686	0.077	0.762	-0.617	0.102	0.720	0.1000
0.1500	0.034	-0.168	-0.202	-0.059	-0.094	-0.034	-0.165	-0.047	0.118	-0.279	0.019	0.299	-0.323	0.045	0.368	-0.653	0.058	0.711	-0.618	0.086	0.704	0.1500
0.2000	-0.055	-0.092	-0.037	-0.140	-0.050	0.090	-0.204	-0.021	0.183	-0.283			-0.316	0.031	0.347	-0.569	0.033	0.602	-0.619	0.061	0.680	0.2000
0.3000	-0.189	-0.027	0.162	-0.210	-0.004	0.206	-0.237	-0.005	0.232				-0.300	0.006	0.306	-0.307	0.007	0.314	-0.624	0.037	0.661	0.3000
0.4000	-0.219	-0.010	0.208	-0.224	-0.010	0.215	-0.238	-0.018	0.220				-0.284	-0.007	0.277	-0.212	-0.009	0.203	-0.645	0.018	0.663	0.4000
0.5000	-0.229	-0.016	0.213	-0.217	-0.021	0.196	-0.222	-0.027	0.195				-0.254	-0.019	0.235	-0.205	-0.013	0.191	-0.643	0.005	0.648	0.5000
0.6000		-0.029		-0.188	-0.028	0.160	-0.191	-0.036	0.155				-0.221	-0.027	0.194	-0.194	-0.020	0.173	-0.621	0.006	0.627	0.6000
0.7000	-0.177			-0.170	-0.031	0.139	-0.175	-0.034	0.141				-0.200	-0.031	0.168	-0.162	-0.017	0.145	-0.565	-0.002	0.563	0.7000
0.8000	-0.160	-0.035	0.126	-0.153	-0.028	0.125	-0.154	-0.030	0.124				-0.161	-0.022	0.138	-0.109	-0.015	0.094	-0.444	-0.004	0.440	0.8000
0.9000	-0.107	-0.015	0.091	-0.094	-0.006	0.087	-0.090	-0.011	0.080				-0.077		0.077	-0.040	-0.006	0.034	-0.290	0.001	0.291	0.9000
1.0000	-0.016	0.019	0.035	0.007	0.035	0.028	0.017	0.025	0.008				0.051	0.035	-0.016	0.045	0.011	-0.034	-0.102	0.014	0.116	1.0000
	M = 0.953 α = 03.92																					
0.0000	0.260	-0.586	-0.846	0.176	-0.981	-1.158	0.096	-0.560	-0.656				-0.198	-0.136	0.063	-0.692	0.158	0.849	-0.700	0.033		0.0000
0.0125	0.190	-0.321	-0.511	0.196	-0.724	-0.920	0.146	-0.773	-0.919	-0.182	-0.375	-0.194	-0.227	-0.110	0.117	-0.677	0.143	0.820	-0.700			0.0125
0.0250	0.143	-0.165	-0.308	0.201	-0.522	-0.723	0.165	-0.812	-0.977	-0.144	-0.369	-0.225	-0.249	-0.084	0.165	-0.670	0.127	0.798	-0.701			0.0250
0.0420																				0.091		0.0420
0.0500	0.118	-0.180	-0.297	0.168	-0.286	-0.454	0.111	-0.364	-0.475		-0.175		-0.278	-0.033	0.244	-0.681	0.090	0.771	-0.704			0.0500
0.0640																				0.088		0.0640
0.0750	0.112	-0.192	-0.304	0.115	-0.251	-0.366	0.033	-0.137	-0.170	-0.188	-0.015	0.173	-0.299	0.020	0.319	-0.698	0.061	0.759	-0.708			0.0750
0.0810																				0.069		0.0810
0.1000	0.089	-0.199	-0.288	0.076	-0.236	-0.312	-0.035	-0.066	-0.031	-0.221	0.019	0.234	-0.310	0.042	0.352	-0.692	0.042	0.734	-0.711	0.061	0.772	0.1000
0.1500	0.045	-0.188	-0.233	-0.026	-0.112	-0.087	-0.128	-0.043	0.085	-0.249	0.013	0.262	-0.322	0.041	0.363	-0.627	0.019	0.647	-0.716	0.047	0.763	0.1500
0.2000	-0.030	-0.113	-0.083	-0.107	-0.047	0.060	-0.178	-0.023	0.155	-0.269			-0.325	0.025	0.350	-0.535	0.000	0.536	-0.716	0.025	0.740	0.2000
0.3000	-0.164	-0.028	0.136	-0.213	-0.008	0.205	-0.241	-0.010	0.230				-0.322	-0.008	0.314	-0.340	-0.028	0.311	-0.730	0.002	0.732	0.3000
0.4000	-0.235	-0.016	0.219	-0.230	-0.017	0.213	-0.263	-0.029	0.234				-0.319	-0.030	0.290	-0.291	-0.048	0.243	-0.743	-0.031	0.712	0.4000
0.5000	-0.249	-0.031	0.219	-0.250	-0.040	0.210	-0.265	-0.048	0.217				-0.318	-0.049	0.268	-0.293	-0.055	0.238	-0.758	-0.046	0.712	0.5000
0.6000		-0.054		-0.262	-0.057	0.205	-0.269	-0.066	0.203				-0.300	-0.065	0.235	-0.292	-0.065	0.227	-0.762	-0.046	0.716	0.6000
0.7000	-0.267			-0.269	-0.070	0.198	-0.272	-0.074	0.198				-0.291	-0.078	0.214	-0.292	-0.066	0.225	-0.731	-0.042	0.689	0.7000
0.8000	-0.247	-0.082	0.164	-0.244	-0.076	0.168	-0.255	-0.080	0.175				-0.284	-0.071	0.213	-0.289	-0.056	0.233	-0.648	-0.034	0.614	0.8000
0.9000	-0.271	-0.056	0.215	-0.264	-0.047	0.217	-0.269	-0.050	0.220				-0.262	-0.036	0.226	-0.216	-0.032	0.185	-0.458	-0.003	0.456	0.9000
1.0000	-0.341	-0.003	0.338	-0.327	0.018	0.345	-0.316	0.016	0.332				-0.224	0.027	0.251	-0.074	0.006	0.080	-0.163	0.053	0.215	1.0000
	M = 1.005 α = 04.03																					
0.0000	0.206	-0.444	-0.650	0.142	-0.948	-1.090	0.040	-0.499	-0.539				-0.120	-0.107	0.013	-0.609	0.179	0.788	-0.632	0.111		0.0000
0.0125	0.142	-0.274	-0.416	0.168	-0.632	-0.800	0.105	-0.690	-0.795	-0.195	-0.358	-0.163	-0.153	-0.077	0.076	-0.598	0.167	0.765	-0.644			0.0125
0.0250	0.102	-0.172	-0.274	0.181	-0.412	-0.592	0.141	-0.715	-0.855	-0.147	-0.370	-0.224	-0.180	-0.046	0.134	-0.595	0.152	0.747	-0.652			0.0250
0.0420																				0.095		0.0420
0.0500	0.095	-0.170	-0.265	0.165	-0.258	-0.423	0.120	-0.269	-0.389		-0.080		-0.211	0.021	0.233	-0.613	0.118	0.731	-0.657			0.0500
0.0640																				0.080		0.0640
0.0750	0.105	-0.181	-0.286	0.125	-0.230	-0.356	0.067	-0.111	-0.178	-0.139	0.050	0.189	-0.235	0.081	0.316	-0.620	0.083	0.703	-0.662			0.0750
0.0810																				0.066		0.0810
0.1000	0.093	-0.185	-0.278	0.095	-0.208	-0.304	0.012	-0.042	-0.055	-0.161	0.062	0.222	-0.248	0.102	0.350	-0.597	0.064	0.661	-0.661	0.060	0.722	0.1000
0.1500	0.068	-0.170	-0.238	0.018	-0.084	-0.102	-0.063	0.007	0.070	-0.176	0.063	0.239	-0.265	0.093	0.358	-0.540	0.068	0.589	-0.663	0.045	0.708	0.1500
0.2000	0.009	-0.093	-0.102	-0.048	0.002	0.049	-0.109	0.032	0.142	-0.188			-0.272	0.070	0.342	-0.438	0.021	0.459	-0.665	0.015	0.680	0.2000
0.3000	-0.097	0.027	0.124	-0.140	0.049	0.189	-0.172	0.042	0.214				-0.276	0.030	0.306	-0.275	-0.011	0.264	-0.672	-0.018	0.654	0.3000
0.4000	-0.168	0.033	0.201	-0.168	0.027	0.196	-0.205	0.013	0.217				-0.279	-0.001	0.278	-0.266	-0.036	0.230	-0.691	-0.041	0.650	0.4000
0.5000	-0.198	0.007	0.205	-0.204	-0.007	0.196	-0.220	-0.017	0.203				-0.285	-0.028	0.257	-0.270	-0.042	0.229	-0.703	-0.052	0.652	0.5000
0.6000		-0.028		-0.226	-0.034	0.192	-0.238	-0.044	0.194				-0.275	-0.048	0.227	-0.275	-0.058	0.217	-0.693	-0.072	0.621	0.6000
0.7000	-0.240			-0.242	-0.057	0.184	-0.250	-0.059	0.190				-0.280	-0.070	0.210	-0.278	-0.077	0.201	-0.671	-0.076	0.595	0.7000
0.8000	-0.235	-0.081	0.154	-0.232	-0.078	0.154	-0.241	-0.082	0.158				-0.271	-0.087	0.184	-0.285	-0.092	0.193	-0.598	-0.085	0.514	0.8000
0.9000	-0.262	-0.094	0.168	-0.254	-0.088	0.165	-0.262	-0.093	0.169				-0.276	-0.091	0.185	-0.276	-0.097	0.179	-0.490	-0.083	0.408	0.9000
1.0000	-0.322	-0.098	0.223	-0.305	-0.087	0.218	-0.314	-0.091	0.222				-0.294	-0.081	0.213	-0.251	-0.092	0.159	-0.347	-0.070	0.276	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC δ = 9.6° - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
								M = 1.048	α = 04.03													
0.0000	0.221	-0.293	-0.514	0.144	-0.848	-0.992	0.019	-0.525	-0.544				-0.167	-0.105	0.062	-0.598	0.163	0.760	-0.578	0.146		0.0000
0.0125	0.133	-0.209	-0.342	0.148	-0.538	-0.686	0.067	-0.654	-0.721	-0.273	-0.363	-0.089	-0.193	-0.083	0.110	-0.570	0.142	0.712	-0.586			0.0125
0.0250	0.077	-0.157	-0.234	0.146	-0.332	-0.478	0.091	-0.646	-0.738	-0.229	-0.359	-0.130	-0.214	-0.060	0.154	-0.556	0.122	0.679	-0.593			0.0250
0.0420																				0.116		0.0420
0.0500	0.061	-0.146	-0.207	0.119	-0.236	-0.355	0.065	-0.224	-0.289	0.000	-0.058		-0.238	-0.009	0.229	-0.574	0.084	0.658	-0.601			0.0500
0.0640																				0.098		0.0640
0.0750	0.068	-0.153	-0.221	0.084	-0.211	-0.294	0.014	-0.139	-0.153	-0.211	0.009	0.220	-0.259	0.027	0.286	-0.576	0.058	0.634	-0.609			0.0750
0.0810																				0.084		0.0810
0.1000	0.055	-0.163	-0.219	0.052	-0.196	-0.248	-0.034	-0.083	-0.050	-0.223	0.000	0.223	-0.273	0.034	0.308	-0.531	0.043	0.574	-0.613	0.072	0.685	0.1000
0.1500	0.031	-0.156	-0.187	-0.021	-0.131	-0.110	-0.108	-0.059	0.049	-0.217	-0.011	0.206	-0.295	0.021	0.315	-0.430	0.037	0.467	-0.614	0.051	0.666	0.1500
0.2000	-0.020	-0.130	-0.110	-0.084	-0.061	0.023	-0.144	-0.041	0.103	-0.230	0.000		-0.300	0.004	0.304	-0.317	0.035	0.352	-0.615	0.030	0.645	0.2000
0.3000	-0.130	-0.047	0.082	-0.171	-0.025	0.146	-0.191	-0.027	0.164				-0.288	-0.014	0.273	-0.224	0.002	0.226	-0.615	0.007	0.622	0.3000
0.4000	-0.195	-0.026	0.169	-0.190	-0.020	0.170	-0.208	-0.033	0.176				-0.257	-0.030	0.227	-0.230	-0.014	0.217	-0.619	-0.011	0.608	0.4000
0.5000	-0.178	-0.029	0.148	-0.170	-0.038	0.131	-0.194	-0.047	0.147				-0.239	-0.024	0.215	-0.235	-0.015	0.220	-0.605	-0.022	0.583	0.5000
0.6000	0.000	-0.040		-0.199	-0.038	0.161	-0.197	-0.040	0.157				-0.242	-0.029	0.213	-0.238	-0.035	0.203	-0.566	-0.030	0.536	0.6000
0.7000	-0.172	0.000		-0.181	-0.024	0.157	-0.200	-0.026	0.174				-0.236	-0.040	0.196	-0.232	-0.041	0.191	-0.504	-0.039	0.466	0.7000
0.8000	-0.177	-0.042	0.135	-0.173	-0.039	0.134	-0.185	-0.046	0.139				-0.221	-0.052	0.169	-0.225	-0.052	0.173	-0.386	-0.044	0.342	0.8000
0.9000	-0.205	-0.049	0.155	-0.195	-0.044	0.151	-0.205	-0.055	0.149				-0.219	-0.048	0.172	-0.198	-0.047	0.151	-0.270	-0.031	0.240	0.9000
1.0000	-0.256	-0.061	0.195	-0.247	-0.039	0.207	-0.259	-0.053	0.205				-0.230	-0.027	0.203	-0.152	-0.026	0.126	-0.158	0.000	0.159	1.0000
								M = 1.100	α = 04.08													
0.0000	0.370	-0.301	-0.671	0.306	-0.743	-1.050	0.178	-0.351	-0.529				-0.075	-0.136	-0.061	-0.541	0.201	0.742	-0.491	0.207		0.0000
0.0125	0.301	-0.106	-0.408	0.311	-0.473	-0.784	0.217	-0.523	-0.739	-0.099	-0.220	-0.121	-0.096	-0.038	0.058	-0.515	0.179	0.694	-0.493			0.0125
0.0250	0.256	0.009	-0.247	0.306	-0.277	-0.583	0.231	-0.549	-0.780	-0.069	-0.218	-0.149	-0.114	0.023	0.137	-0.504	0.159	0.662	-0.494			0.0250
0.0420																				0.175		0.0420
0.0500	0.234	-0.002	-0.236	0.265	-0.112	-0.376	0.186	-0.166	-0.352	0.000	-0.058		-0.140	0.037	0.178	-0.524	0.120	0.644	-0.497			0.0500
0.0640																				0.157		0.0640
0.0750	0.228	-0.024	-0.252	0.213	-0.090	-0.303	0.117	-0.029	-0.146	-0.092	0.079	0.170	-0.154	0.079	0.233	-0.529	0.091	0.620	-0.503			0.0750
0.0810																				0.143		0.0810
0.1000	0.200	-0.036	-0.236	0.172	-0.082	-0.254	0.060	0.016	-0.044	-0.118	0.086	0.203	-0.174	0.092	0.267	-0.494	0.073	0.567	-0.506	0.131	0.637	0.1000
0.1500	0.155	-0.041	-0.195	0.078	-0.023	-0.101	-0.015	0.033	0.048	-0.132	0.067	0.199	-0.195	0.083	0.278	-0.424	0.045	0.468	-0.507	0.112	0.619	0.1500
0.2000	0.074	-0.023	-0.097	0.005	0.022	0.016	-0.055	0.036	0.091	-0.155	0.000		-0.209	0.065	0.273	-0.342	0.033	0.375	-0.509	0.090	0.598	0.2000
0.3000	-0.048	0.024	0.072	-0.098	0.038	0.136	-0.122	0.036	0.157				-0.218	0.044	0.262	-0.232	0.008	0.239	-0.513	0.059	0.572	0.3000
0.4000	-0.135	0.028	0.163	-0.141	0.026	0.167	-0.155	0.024	0.180				-0.225	0.019	0.243	-0.204	0.000	0.205	-0.520	0.033	0.553	0.4000
0.5000	-0.163	0.012	0.175	-0.162	-0.001	0.161	-0.175	-0.005	0.169				-0.230	-0.014	0.217	-0.152	0.016	0.168	-0.512	0.020	0.532	0.5000
0.6000	0.000	-0.020		-0.185	-0.025	0.160	-0.190	-0.026	0.164				-0.220	-0.023	0.197	-0.135	0.012	0.147	-0.486	0.020	0.506	0.6000
0.7000	-0.174	0.000		-0.169	-0.035	0.134	-0.166	-0.028	0.138				-0.171	-0.021	0.150	-0.153	0.001	0.155	-0.447	0.025	0.472	0.7000
0.8000	-0.130	-0.035	0.095	-0.117	-0.027	0.090	-0.111	-0.017	0.094				-0.153	-0.009	0.144	-0.158	0.007	0.165	-0.363	0.026	0.389	0.8000
0.9000	-0.102	0.007	0.109	-0.103	0.016	0.119	-0.114	0.015	0.130				-0.133	0.019	0.152	-0.144	0.025	0.170	-0.271	0.034	0.306	0.9000
1.0000	-0.090	0.083	0.173	-0.126	0.094	0.220	-0.177	0.067	0.243				-0.112	0.063	0.175	-0.112	0.057	0.169	-0.172	0.051	0.224	1.0000
								M = 1.297	α = -04.13													
0.0000	0.377	-0.219	-0.596	0.275	-0.239	-0.514	0.249	-0.359	-0.609				0.365	-0.393	-0.758	0.268	-0.418	-0.686	0.251	-0.488		0.0000
0.0125	0.257	-0.210	-0.466	0.224	-0.297	-0.521	0.217	-0.359	-0.576	0.212	-0.359	-0.572	0.261	-0.381	-0.642	0.214	-0.415	-0.628	0.207			0.0125
0.0250	0.175	-0.188	-0.363	0.186	-0.307	-0.493	0.186	-0.355	-0.542	0.178	-0.353	-0.531	0.189	-0.375	-0.564	0.174	-0.413	-0.587	0.175			0.0250
0.0420																				-0.463		0.0420
0.0500	0.130	-0.110	-0.240	0.150	-0.183	-0.333	0.130	-0.341	-0.471		-0.355		0.139	-0.377	-0.516	0.137	-0.414	-0.551	0.141			0.0500
0.0640																				-0.461		0.0640
0.0750	0.131	-0.118	-0.249	0.118	-0.141	-0.260	0.125	-0.231	-0.357	0.097	-0.214	-0.311	0.117	-0.271	-0.388	0.109	-0.418	-0.527	0.121			0.0750
0.0810																				-0.464		0.0810
0.1000	0.106	-0.107	-0.213	0.094	-0.132	-0.226	0.103	-0.158	-0.260	0.080	-0.161	-0.241	0.099	-0.159	-0.258	0.091	-0.412	-0.503	0.108	-0.466	-0.573	0.1000
0.1500	0.089	-0.105	-0.194	0.070	-0.106	-0.176	0.090	-0.137	-0.226	0.064	-0.126	-0.190	0.084	-0.140	-0.225	0.073	-0.323	-0.396	0.089	-0.471	-0.560	0.1500
0.2000	0.056	-0.082	-0.138	0.089	-0.094	-0.183	0.078	-0.107	-0.185	0.069			0.072	-0.144	-0.216	0.064	-0.269	-0.333	0.076	-0.474	-0.550	0.2000
0.3000	0.060	-0.090	-0.149	0.058	-0.086	-0.144	0.060	-0.105	-0.164				0.052	-0.130	-0.182	0.044	-0.214	-0.258	0.060	-0.445	-0.505	0.3000
0.4000	0.042	-0.105	-0.148	0.039	-0.106	-0.145	0.044	-0.118	-0.162				0.032	-0.129	-0.161	0.031	-0.195	-0.226	0.040	-0.415	-0.455	0.4000
0.5000	0.026	-0.109	-0.136	0.029	-0.120	-0.149	0.025	-0.113	-0.138				0.031	-0.133	-0.163	0.020	-0.176	-0.195	0.027	-0.383	-0.410	0.5000
0.6000		-0.111		0.021	-0.119	-0.140	0.015	-0.122	-0.137				0.017	-0.135	-0.152	0.014	-0.182	-0.195	0.020	-0.347	-0.367	0.6000
0.7000	-0.005			0.001	-0.122	-0.123	0.013	-0.124	-0.137				0.025	-0.135	-0.160	0.028	-0.160	-0.189	0.015	-0.303	-0.317	0.7000
0.8000	0.004	-0.130	-0.134	0.005	-0.122	-0.127	0.002	-0.116	-0.118				0.011	-0.120	-0.131	0.008	-0.161	-0.169	0.013	-0.252	-0.265	0.8000
0.9000	-0.001	-0.118	-0.118	0.008	-0.122	-0.130	0.006	-0.130	-0.136				0.016	-0.135	-0.151	0.004	-0.168	-0.172	0.005	-0.197	-0.202	0.9000
1.0000	-0.019	-0.093	-0.073	0.011	-0.122	-0.133	0.025	-0.165	-0.190				0.040	-0.182	-0.221	0.016	-0.184	-0.199	-0.010	-0.136	-0.126	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_w$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 1.303 α = -00.15																					
0.0000	0.356	-0.184	-0.540	0.289	-0.209	-0.498	0.285	-0.402	-0.686				-0.017	-0.104	-0.086	0.031	-0.005	-0.037	-0.001	-0.111		0.0000
0.0125	0.235	-0.150	-0.385	0.217	-0.286	-0.502	0.209	-0.391	-0.599	0.112	-0.305	-0.417	0.019	-0.110	-0.129	-0.002	-0.030	-0.029	-0.034			0.0125
0.0250	0.151	-0.124	-0.275	0.166	-0.306	-0.472	0.155	-0.375	-0.531	0.071	-0.265	-0.337	0.034	-0.104	-0.138	-0.025	-0.050	-0.025	-0.058			0.0250
0.0420																				-0.109		0.0420
0.0500	0.098	-0.097	-0.195	0.127	-0.181	-0.308	0.118	-0.330	-0.448	0.000	-0.213		-0.004	-0.055	-0.050	-0.043	-0.073	-0.030	-0.077			0.0500
0.0640																				-0.107		0.0640
0.0750	0.093	-0.111	-0.204	0.089	-0.151	-0.240	0.069	-0.221	-0.290	0.009	-0.108	-0.117	-0.017	-0.050	-0.033	-0.061	-0.075	-0.014	-0.085			0.0750
0.0810																				-0.106		0.0810
0.1000	0.079	-0.106	-0.185	0.065	-0.137	-0.202	0.035	-0.140	-0.175	-0.009	-0.079	-0.070	-0.018	-0.053	-0.035	-0.068	-0.077	-0.009	-0.088	-0.105	-0.017	0.1000
0.1500	0.058	-0.103	-0.161	0.027	-0.088	-0.114	0.005	-0.098	-0.104	-0.014	-0.093	-0.079	-0.026	-0.049	-0.023	-0.072	-0.083	-0.011	-0.093	-0.108	-0.015	0.1500
0.2000	0.022	-0.091	-0.113	0.031	-0.034	-0.064	-0.011	-0.077	-0.066	-0.028	0.000		-0.017	-0.063	-0.046	-0.077	-0.076	0.001	-0.096	-0.113	-0.018	0.2000
0.3000	-0.002	-0.052	-0.050	-0.022	-0.028	-0.006	-0.016	-0.067	-0.051				-0.034	-0.059	-0.024	-0.067	-0.085	-0.018	-0.097	-0.120	-0.023	0.3000
0.4000	-0.024	-0.046	-0.022	-0.029	-0.060	-0.032	-0.041	-0.068	-0.027				-0.045	-0.071	-0.027	-0.065	-0.088	-0.023	-0.105	-0.120	-0.015	0.4000
0.5000	-0.043	-0.053	-0.010	-0.038	-0.071	-0.033	-0.049	-0.080	-0.030				-0.062	-0.067	-0.005	-0.069	-0.080	-0.011	-0.103	-0.118	-0.015	0.5000
0.6000	0.000	-0.063		-0.056	-0.063	-0.007	-0.057	-0.085	-0.028				-0.057	-0.083	-0.026	-0.076	-0.092	-0.016	-0.101	-0.117	-0.016	0.6000
0.7000	-0.068	0.000		-0.062	-0.071	-0.009	-0.060	-0.073	-0.013				-0.052	-0.078	-0.027	-0.086	-0.095	-0.009	-0.100	-0.115	-0.015	0.7000
0.8000	-0.072	-0.084	-0.013	-0.069	-0.083	-0.014	-0.067	-0.086	-0.019				-0.078	-0.081	-0.003	-0.087	-0.091	-0.004	-0.099	-0.107	-0.008	0.8000
0.9000	-0.067	-0.072	-0.005	-0.061	-0.075	-0.014	-0.069	-0.084	-0.016				-0.066	-0.090	-0.024	-0.087	-0.083	0.004	-0.099	-0.091	0.008	0.9000
1.0000	-0.053	-0.043	0.010	-0.039	-0.046	-0.007	-0.065	-0.068	-0.003				-0.015	-0.103	-0.089	-0.085	-0.071	0.014	-0.100	-0.067	0.033	1.0000
	M = 1.301 α = 03.93																					
0.0000	0.319	-0.156	-0.475	0.204	-0.619	-0.822	0.097	-0.407	-0.503				-0.067	-0.015	0.052	-0.392	0.224	0.616	-0.416	0.183		0.0000
0.0125	0.203	-0.113	-0.316	0.173	-0.397	-0.570	0.112	-0.505	-0.617	-0.212	-0.266	-0.055	-0.089	0.003	0.092	-0.388	0.193	0.581	-0.424			0.0125
0.0250	0.126	-0.085	-0.211	0.152	-0.246	-0.398	0.123	-0.498	-0.621	-0.176	-0.247	-0.070	-0.106	0.018	0.124	-0.386	0.166	0.552	-0.428			0.0250
0.0420																				0.142		0.0420
0.0500	0.090	-0.073	-0.163	0.139	-0.159	-0.298	0.133	-0.166	-0.299	0.000	0.007		-0.124	0.042	0.165	-0.392	0.126	0.517	-0.428			0.0500
0.0640																				0.123		0.0640
0.0750	0.103	-0.085	-0.188	0.105	-0.137	-0.242	0.094	-0.099	-0.193	-0.133	0.055	0.189	-0.146	0.067	0.213	-0.384	0.098	0.482	-0.431			0.0750
0.0810																				0.110		0.0810
0.1000	0.069	-0.103	-0.172	0.074	-0.126	-0.200	0.052	-0.050	-0.102	-0.133	0.042	0.175	-0.161	0.085	0.246	-0.337	0.085	0.422	-0.434	0.098	0.532	0.1000
0.1500	0.055	-0.092	-0.146	0.036	-0.097	-0.133	0.000	-0.018	-0.018	-0.124	0.045	0.169	-0.174	0.079	0.253	-0.261	0.068	0.329	-0.435	0.080	0.515	0.1500
0.2000	0.029	-0.088	-0.116	0.011	-0.012	-0.023	-0.059	0.005	0.065	-0.119	0.000		-0.182	0.051	0.232	-0.217	0.058	0.275	-0.427	0.064	0.491	0.2000
0.3000	-0.041	0.007	0.048	-0.066	0.034	0.101	-0.087	0.023	0.109				-0.184	0.038	0.222	-0.175	0.025	0.201	-0.399	0.048	0.447	0.3000
0.4000	-0.080	0.022	0.103	-0.092	0.022	0.114	-0.109	0.018	0.126				-0.167	0.020	0.187	-0.143	0.021	0.164	-0.385	0.034	0.419	0.4000
0.5000	-0.097	0.014	0.111	-0.095	0.007	0.102	-0.108	0.010	0.118				-0.163	0.010	0.173	-0.141	0.022	0.163	-0.358	0.022	0.380	0.5000
0.6000	0.000	0.012		-0.108	0.014	0.122	-0.115	-0.001	0.114				-0.153	0.015	0.168	-0.148	0.004	0.152	-0.325	0.020	0.345	0.6000
0.7000	-0.125	0.000		-0.121	0.011	0.131	-0.118	0.012	0.130				-0.143	0.001	0.144	-0.148	0.013	0.161	-0.291	0.026	0.317	0.7000
0.8000	-0.128	-0.001	0.127	-0.126	0.004	0.131	-0.127	0.008	0.135				-0.151	0.005	0.156	-0.163	0.005	0.168	-0.242	0.022	0.264	0.8000
0.9000	-0.122	0.015	0.137	-0.119	0.019	0.138	-0.128	0.013	0.142				-0.149	0.017	0.166	-0.153	0.014	0.167	-0.207	0.021	0.228	0.9000
1.0000	-0.106	0.045	0.151	-0.098	0.055	0.152	-0.122	0.028	0.150				-0.139	0.037	0.176	-0.120	0.040	0.160	-0.186	0.024	0.209	1.0000
	M = 1.297 α = 07.86																					
0.0000	0.107	0.084	-0.023	-0.020	0.041	0.060	-0.184	0.107	0.291				-0.342	0.238	0.580	-0.412	0.235	0.647	-0.435	0.227		0.0000
0.0125	0.047	0.072	0.025	-0.040	0.049	0.089	-0.125	0.113	0.238	-0.359	0.207	0.566	-0.341	0.242	0.583	-0.408	0.252	0.660	-0.445			0.0125
0.0250	0.003	0.061	0.057	-0.053	0.055	0.108	-0.091	0.117	0.208	-0.381	0.201	0.582	-0.345	0.240	0.585	-0.407	0.259	0.666	-0.452			0.0250
0.0420																				0.256		0.0420
0.0500	-0.032	0.045	0.077	-0.056	0.058	0.114	-0.099	0.124	0.223		0.173		-0.371	0.214	0.585	-0.415	0.242	0.657	-0.453			0.0500
0.0640																				0.254		0.0640
0.0750	-0.023	0.037	0.060	-0.082	0.067	0.149	-0.113	0.131	0.244	-0.159	0.154	0.313	-0.403	0.204	0.607	-0.422	0.222	0.643	-0.455			0.0750
0.0810																				0.245		0.0810
0.1000	-0.029	0.039	0.068	-0.075	0.072	0.147	-0.133	0.134	0.267	-0.159	0.155	0.315	-0.305	0.180	0.486	-0.424	0.205	0.630	-0.457	0.238	0.694	0.1000
0.1500	-0.082	0.050	0.132	-0.119	0.098	0.216	-0.151	0.126	0.277	-0.162	0.141	0.302	-0.173	0.149	0.321	-0.438	0.177	0.614	-0.458	0.224	0.682	0.1500
0.2000	-0.105	0.071	0.176	-0.120	0.115	0.235	-0.162	0.127	0.289	-0.171			-0.165	0.142	0.307	-0.447	0.161	0.608	-0.462	0.209	0.671	0.2000
0.3000	-0.135	0.095	0.230	-0.157	0.112	0.269	-0.176	0.114	0.290				-0.171	0.118	0.288	-0.483	0.143	0.626	-0.462	0.185	0.646	0.3000
0.4000	-0.146	0.087	0.233	-0.168	0.100	0.267	-0.181	0.093	0.275				-0.182	0.126	0.308	-0.493	0.121	0.614	-0.472	0.158	0.631	0.4000
0.5000	-0.171	0.088	0.259	-0.172	0.092	0.263	-0.189	0.099	0.288				-0.192	0.108	0.300	-0.487	0.130	0.616	-0.481	0.136	0.617	0.5000
0.6000		0.092		-0.181	0.090	0.270	-0.203	0.094	0.297				-0.186	0.099	0.285	-0.410	0.124	0.534	-0.492	0.116	0.608	0.6000
0.7000	-0.171			-0.191	0.092	0.283	-0.193	0.098	0.291				-0.192	0.119	0.311	-0.262	0.114	0.376	-0.505	0.104	0.609	0.7000
0.8000	-0.178	0.104	0.282	-0.191	0.111	0.302	-0.207	0.108	0.316				-0.198	0.105	0.303	-0.189	0.089	0.278	-0.509	0.097	0.606	0.8000
0.9000	-0.170	0.069	0.238	-0.185	0.070	0.255	-0.195	0.072	0.266				-0.189	0.070	0.259	-0.161	0.062	0.222	-0.515	0.104	0.620	0.9000
1.0000	-0.147	0.005	0.152	-0.173	-0.031	0.142	-0.155	-0.011	0.143				-0.163	0.013	0.177	-0.178	0.032	0.210	-0.523	0.126	0.650	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 1.297 α = 11.94																					
0.0000	-0.184	0.232	0.416	-0.209	0.219	0.428	-0.424	0.217	0.641				-0.488	0.256	0.745	-0.518	0.196	0.714	-0.515	0.214		0.0000
0.0125	-0.129	0.219	0.348	-0.359	0.221	0.580	-0.443	0.234	0.676	-0.489	0.248	0.737	-0.486	0.279	0.764	-0.506	0.268	0.774	-0.529			0.0125
0.0250	-0.098	0.208	0.306	-0.400	0.219	0.619	-0.465	0.241	0.706	-0.494	0.271	0.765	-0.485	0.292	0.777	-0.501	0.313	0.814	-0.537			0.0250
0.0420																				0.294		0.0420
0.0500	-0.105	0.191	0.296	-0.158	0.203	0.361	-0.518	0.232	0.751	0.000	0.265		-0.491	0.288	0.780	-0.509	0.323	0.832	-0.535			0.0500
0.0640																				0.306		0.0640
0.0750	-0.114	0.179	0.294	-0.177	0.203	0.379	-0.219	0.227	0.446	-0.547	0.251	0.798	-0.545	0.286	0.831	-0.517	0.321	0.839	-0.537			0.0750
0.0810																				0.302		0.0810
0.1000	-0.139	0.174	0.313	-0.182	0.198	0.379	-0.197	0.229	0.426	-0.544	0.248	0.792	-0.535	0.277	0.812	-0.518	0.315	0.833	-0.538	0.300	0.838	0.1000
0.1500	-0.173	0.175	0.348	-0.186	0.197	0.383	-0.214	0.221	0.436	-0.261	0.229	0.490	-0.565	0.258	0.813	-0.525	0.301	0.825	-0.539	0.292	0.831	0.1500
0.2000	-0.189	0.183	0.372	-0.193	0.215	0.407	-0.198	0.215	0.413	-0.233	0.000		-0.441	0.245	0.685	-0.545	0.295	0.841	-0.544	0.282	0.826	0.2000
0.3000	-0.193	0.193	0.385	-0.201	0.204	0.405	-0.221	0.207	0.428				-0.261	0.230	0.492	-0.566	0.261	0.828	-0.539	0.263	0.801	0.3000
0.4000	-0.215	0.185	0.400	-0.229	0.194	0.424	-0.243	0.197	0.441				-0.250	0.227	0.477	-0.579	0.229	0.808	-0.544	0.247	0.791	0.4000
0.5000	-0.235	0.195	0.429	-0.236	0.198	0.434	-0.244	0.205	0.449				-0.250	0.235	0.485	-0.622	0.210	0.832	-0.555	0.233	0.788	0.5000
0.6000	0.000	0.217		-0.240	0.218	0.458	-0.250	0.212	0.462				-0.248	0.202	0.450	-0.641	0.201	0.842	-0.576	0.219	0.795	0.6000
0.7000	-0.240	0.000		-0.247	0.178	0.425	-0.246	0.175	0.421				-0.251	0.180	0.431	-0.593	0.183	0.776	-0.587	0.205	0.791	0.7000
0.8000	-0.242	0.160	0.402	-0.248	0.166	0.414	-0.256	0.164	0.420				-0.257	0.164	0.421	-0.535	0.182	0.717	-0.580	0.192	0.772	0.8000
0.9000	-0.233	0.162	0.395	-0.231	0.169	0.400	-0.247	0.169	0.416				-0.244	0.171	0.416	-0.455	0.163	0.617	-0.533	0.198	0.732	0.9000
1.0000	-0.214	0.184	0.398	-0.197	0.186	0.384	-0.221	0.189	0.410				-0.212	0.202	0.414	-0.352	0.126	0.478	-0.447	0.222	0.670	1.0000
	M = 1.300 α = 15.87																					
0.0000	-0.530	0.321	0.851	-0.523	0.268	0.791	-0.548	0.257	0.805				-0.588	0.242	0.829	-0.592	0.164	0.756	-0.575	0.193		0.0000
0.0125	-0.472	0.328	0.800	-0.543	0.305	0.848	-0.547	0.302	0.849	-0.575	0.285	0.859	-0.581	0.311	0.892	-0.573	0.275	0.848	-0.588			0.0125
0.0250	-0.402	0.329	0.731	-0.564	0.327	0.890	-0.558	0.331	0.889	-0.579	0.346	0.925	-0.578	0.356	0.934	-0.564	0.348	0.912	-0.595			0.0250
0.0420																				0.328		0.0420
0.0500	-0.226	0.313	0.540	-0.606	0.325	0.931	-0.615	0.340	0.955	0.000	0.360		-0.582	0.369	0.951	-0.577	0.381	0.958	-0.592			0.0500
0.0640																				0.358		0.0640
0.0750	-0.214	0.301	0.515	-0.393	0.328	0.721	-0.611	0.333	0.944	-0.640	0.355	0.995	-0.593	0.374	0.967	-0.583	0.388	0.970	-0.594			0.0750
0.0810																				0.362		0.0810
0.1000	-0.221	0.298	0.519	-0.248	0.316	0.563	-0.621	0.340	0.961	-0.632	0.352	0.984	-0.627	0.369	0.996	-0.583	0.380	0.963	-0.596	0.369	0.965	0.1000
0.1500	-0.240	0.298	0.538	-0.275	0.312	0.587	-0.405	0.332	0.738	-0.633	0.334	0.968	-0.622	0.357	0.979	-0.587	0.365	0.952	-0.597	0.372	0.969	0.1500
0.2000	-0.277	0.297	0.573	-0.267	0.323	0.591	-0.308	0.325	0.633	-0.551	0.000		-0.633	0.353	0.986	-0.614	0.352	0.966	-0.602	0.370	0.973	0.2000
0.3000	-0.254	0.301	0.555	-0.275	0.311	0.586	-0.299	0.321	0.620				-0.540	0.359	0.899	-0.660	0.340	1.000	-0.597	0.360	0.957	0.3000
0.4000	-0.274	0.297	0.571	-0.298	0.330	0.627	-0.307	0.335	0.642				-0.418	0.324	0.741	-0.644	0.322	0.966	-0.598	0.345	0.943	0.4000
0.5000	-0.288	0.308	0.596	-0.292	0.296	0.588	-0.303	0.302	0.605				-0.371	0.299	0.670	-0.651	0.328	0.979	-0.598	0.329	0.927	0.5000
0.6000	0.000	0.273		-0.299	0.273	0.572	-0.313	0.276	0.589				-0.350	0.290	0.640	-0.666	0.307	0.974	-0.628	0.315	0.943	0.6000
0.7000	-0.293	0.000		-0.299	0.273	0.572	-0.308	0.282	0.591				-0.340	0.295	0.635	-0.689	0.295	0.983	-0.659	0.309	0.968	0.7000
0.8000	-0.298	0.264	0.562	-0.307	0.277	0.584	-0.320	0.277	0.597				-0.337	0.277	0.614	-0.674	0.282	0.955	-0.671	0.328	0.999	0.8000
0.9000	-0.292	0.258	0.549	-0.291	0.269	0.560	-0.307	0.266	0.573				-0.325	0.268	0.593	-0.642	0.266	0.908	-0.604	0.344	0.949	0.9000
1.0000	-0.274	0.250	0.524	-0.251	0.248	0.499	-0.270	0.249	0.519				-0.303	0.269	0.572	-0.593	0.249	0.842	-0.460	0.357	0.816	1.0000
	M = 1.498 α = 03.73																					
0.0000	0.213	-0.116	-0.329	0.212	-0.376	-0.588	0.126	-0.341	-0.467				-0.054	0.065	0.120	-0.332	0.230	0.562	-0.395	0.189		0.0000
0.0125	0.169	-0.080	-0.249	0.193	-0.258	-0.450	0.128	-0.412	-0.539	-0.184	-0.192	-0.009	-0.065	0.070	0.135	-0.311	0.200	0.511	-0.392			0.0125
0.0250	0.132	-0.056	-0.188	0.171	-0.175	-0.347	0.129	-0.394	-0.522	-0.178	-0.152	0.026	-0.076	0.074	0.150	-0.299	0.174	0.473	-0.390			0.0250
0.0420																				0.146		0.0420
0.0500	0.079	-0.048	-0.127	0.121	-0.120	-0.240	0.126	-0.094	-0.219	0.000	0.059		-0.096	0.081	0.177	-0.301	0.139	0.441	-0.385			0.0500
0.0640																				0.128		0.0640
0.0750	0.079	-0.062	-0.142	0.100	-0.108	-0.208	0.088	-0.060	-0.148	-0.145	0.062	0.208	-0.107	0.093	0.200	-0.308	0.116	0.424	-0.390			0.0750
0.0810																				0.116		0.0810
0.1000	0.082	-0.062	-0.144	0.092	-0.091	-0.182	0.055	-0.025	-0.080	-0.129	0.049	0.179	-0.110	0.091	0.202	-0.290	0.100	0.391	-0.391	0.104	0.496	0.1000
0.1500	0.061	-0.060	-0.121	0.057	-0.066	-0.123	0.031	0.002	-0.029	-0.096	0.055	0.151	-0.117	0.064	0.181	-0.208	0.072	0.280	-0.390	0.086	0.477	0.1500
0.2000	0.046	-0.063	-0.108	0.015	-0.020	-0.035	-0.023	0.021	0.045	-0.086	0.000		-0.135	0.055	0.189	-0.167	0.061	0.228	-0.385	0.068	0.454	0.2000
0.3000	-0.018	-0.003	0.015	-0.047	0.032	0.080	-0.042	0.032	0.074				-0.145	0.039	0.184	-0.148	0.045	0.193	-0.311	0.043	0.355	0.3000
0.4000	-0.065	0.028	0.093	-0.067	0.035	0.102	-0.077	0.017	0.095				-0.132	0.040	0.172	-0.127	0.028	0.156	-0.247	0.028	0.275	0.4000
0.5000	-0.074	0.016	0.090	-0.079	0.017	0.095	-0.088	0.014	0.102				-0.122	0.036	0.158	-0.128	0.013	0.142	-0.214	0.020	0.234	0.5000
0.6000	0.000	0.012		-0.080	0.018	0.098	-0.088	0.015	0.103				-0.119	0.012	0.131	-0.120	0.023	0.144	-0.195	0.009	0.204	0.6000
0.7000	-0.083	0.000		-0.079	0.016	0.094	-0.088	0.012	0.100				-0.108	0.011	0.119	-0.106	0.006	0.112	-0.183	0.003	0.186	0.7000
0.8000	-0.106	0.006	0.112	-0.101	0.010	0.112	-0.095	0.014	0.109				-0.117	0.010	0.127	-0.115	0.002	0.117	-0.170	0.004	0.174	0.8000
0.9000	-0.091	0.011	0.101	-0.085	0.018	0.103	-0.103	0.013	0.116				-0.115	0.013	0.128	-0.113	-0.003	0.110	-0.165	0.013	0.178	0.9000
1.0000	-0.038	0.020	0.058	-0.031	0.037	0.068	-0.110	0.011	0.121				-0.102	0.021	0.122	-0.098	-0.007	0.091	-0.170	0.028	0.198	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 1.697 α = 03.88																					
0.0000	0.206	-0.072	-0.279	0.240	-0.181	-0.421	0.165	-0.314	-0.479				-0.064	0.115	0.178	-0.351	0.215	0.566	-0.335	0.147		0.0000
0.0125	0.153	-0.047	-0.200	0.189	-0.180	-0.369	0.158	-0.348	-0.507	-0.126	-0.160	-0.035	-0.064	0.098	0.162	-0.293	0.179	0.472	-0.341			0.0125
0.0250	0.115	-0.030	-0.145	0.153	-0.165	-0.318	0.145	-0.326	-0.471	-0.135	-0.119	0.016	-0.068	0.086	0.154	-0.258	0.149	0.407	-0.341			0.0250
0.0420																				0.132		0.0420
0.0500	0.079	-0.023	-0.102	0.125	-0.093	-0.217	0.098	-0.107	-0.204		-0.002		-0.089	0.077	0.165	-0.253	0.110	0.362	-0.323			0.0500
0.0640																				0.120		0.0640
0.0750	0.079	-0.030	-0.108	0.082	-0.100	-0.182	0.054	-0.075	-0.129	-0.117	0.047	0.164	-0.100	0.077	0.177	-0.252	0.100	0.352	-0.312			0.0750
0.0810																				0.108		0.0810
0.1000	0.067	-0.031	-0.098	0.066	-0.102	-0.168	0.021	-0.030	-0.051	-0.111	0.042	0.153	-0.102	0.071	0.173	-0.248	0.083	0.331	-0.304	0.100	0.404	0.1000
0.1500	0.050	-0.058	-0.109	0.031	-0.070	-0.100	-0.017	0.001	0.018	-0.090	0.037	0.127	-0.104	0.052	0.155	-0.245	0.063	0.308	-0.303	0.086	0.389	0.1500
0.2000	0.029	-0.066	-0.095	-0.001	-0.036	-0.035	-0.040	-0.006	0.034	-0.084			-0.107	0.037	0.144	-0.214	0.057	0.271	-0.294	0.069	0.363	0.2000
0.3000	-0.026	-0.039	-0.012	-0.051	0.018	0.069	-0.077	0.017	0.094				-0.122	0.041	0.162	-0.139	0.041	0.180	-0.290	0.045	0.335	0.3000
0.4000	-0.065	0.015	0.080	-0.073	0.030	0.102	-0.087	0.027	0.113				-0.125	0.042	0.168	-0.128	0.031	0.160	-0.293	0.033	0.326	0.4000
0.5000	-0.087	0.027	0.114	-0.085	0.026	0.111	-0.092	0.023	0.116				-0.121	0.021	0.142	-0.128	0.033	0.161	-0.269	0.024	0.293	0.5000
0.6000		0.016		-0.087	0.017	0.103	-0.096	0.006	0.100				-0.113	0.015	0.128	-0.120	0.019	0.139	-0.249	0.021	0.270	0.6000
0.7000	-0.077			-0.080	0.008	0.089	-0.091	0.006	0.097				-0.104	0.003	0.107	-0.114	0.011	0.125	-0.208	0.014	0.222	0.7000
0.8000	-0.106	-0.014	0.092	-0.098	-0.009	0.089	-0.097	-0.005	0.093				-0.104	0.000	0.104	-0.117	-0.014	0.103	-0.170	0.011	0.181	0.8000
0.9000	-0.092	-0.012	0.080	-0.096	-0.011	0.085	-0.110	-0.018	0.092				-0.111	-0.013	0.099	-0.110	-0.010	0.100	-0.159	0.016	0.174	0.9000
1.0000	-0.036	0.002	0.038	-0.074	0.002	0.077	-0.129	-0.035	0.094				-0.126	-0.035	0.091	-0.093	0.024	0.117	-0.174	0.029	0.203	1.0000
	M = 1.904 α = 04.08																					
0.0000	0.148	0.003	-0.145	0.158	-0.091	-0.249	0.001	-0.400	-0.401				-0.153	0.190	0.343	-0.273	0.236	0.509	-0.252	0.217		0.0000
0.0125	0.102	0.019	-0.083	0.122	-0.064	-0.186	0.018	-0.208	-0.226	-0.104	0.024	0.128	-0.156	0.158	0.314	-0.235	0.203	0.438	-0.256			0.0125
0.0250	0.068	0.027	-0.041	0.096	-0.045	-0.141	0.024	-0.085	-0.109	-0.112	0.073	0.185	-0.150	0.133	0.284	-0.212	0.176	0.388	-0.258			0.0250
0.0420																				0.146		0.0420
0.0500	0.038	0.026	-0.012	0.071	-0.034	-0.105	0.004	-0.043	-0.047		0.086		-0.110	0.106	0.216	-0.207	0.139	0.346	-0.256			0.0500
0.0640																				0.127		0.0640
0.0750	0.040	0.010	-0.030	0.039	-0.028	-0.066	-0.014	-0.011	0.002	-0.128	0.066	0.195	-0.103	0.095	0.198	-0.207	0.113	0.320	-0.252			0.0750
0.0810																				0.121		0.0810
0.1000	0.027	0.004	-0.023	0.015	-0.032	-0.047	-0.030	0.021	0.051	-0.134	0.054	0.188	-0.100	0.086	0.186	-0.205	0.100	0.305	-0.247	0.109	0.356	0.1000
0.1500	0.015	-0.012	-0.027	-0.010	-0.020	-0.011	-0.047	0.024	0.072	-0.126	0.047	0.173	-0.089	0.070	0.160	-0.213	0.090	0.303	-0.243	0.098	0.341	0.1500
0.2000	-0.007	-0.025	-0.017	-0.023	0.012	0.035	-0.052	0.028	0.079	-0.116			-0.086	0.054	0.140	-0.212	0.069	0.281	-0.239	0.078	0.316	0.2000
0.3000	-0.032	-0.004	0.028	-0.048	0.042	0.091	-0.077	0.034	0.111				-0.099	0.040	0.139	-0.183	0.045	0.228	-0.230	0.057	0.287	0.3000
0.4000	-0.062	0.020	0.082	-0.074	0.032	0.106	-0.091	0.026	0.117				-0.101	0.022	0.123	-0.157	0.033	0.190	-0.232	0.036	0.268	0.4000
0.5000	-0.079	0.021	0.100	-0.078	0.019	0.097	-0.084	0.011	0.095				-0.098	0.024	0.122	-0.137	0.025	0.162	-0.232	0.027	0.259	0.5000
0.6000		0.007		-0.072	0.006	0.078	-0.086	0.017	0.102				-0.094	0.018	0.112	-0.123	0.021	0.143	-0.231	0.018	0.249	0.6000
0.7000	-0.062			-0.075	0.016	0.091	-0.087	0.014	0.102				-0.096	0.007	0.103	-0.114	0.020	0.135	-0.228	0.016	0.244	0.7000
0.8000	-0.090	-0.012	0.079	-0.088	-0.003	0.086	-0.093	-0.003	0.089				-0.095	0.012	0.107	-0.115	0.007	0.122	-0.217	0.020	0.237	0.8000
0.9000	-0.079	-0.009	0.070	-0.084	-0.001	0.083	-0.097	0.004	0.101				-0.098	0.002	0.099	-0.108	-0.002	0.106	-0.202	0.024	0.226	0.9000
1.0000	-0.029	0.002	0.031	-0.062	0.020	0.082	-0.100	0.037	0.137				-0.104	-0.024	0.080	-0.093	-0.005	0.087	-0.183	0.029	0.212	1.0000
	M = 2.225 α = -03.78																					
0.0000	0.279	-0.078	-0.357	0.249	-0.070	-0.319	0.229	-0.076	-0.304				0.235	-0.039	-0.274	0.211	-0.012	-0.223	0.236	-0.089		0.0000
0.0125	0.212	-0.060	-0.273	0.200	-0.073	-0.273	0.190	-0.082	-0.272	0.188	-0.066	-0.254	0.190	-0.040	-0.230	0.178	-0.033	-0.211	0.179			0.0125
0.0250	0.162	-0.049	-0.211	0.162	-0.073	-0.236	0.158	-0.087	-0.245	0.157	-0.070	-0.227	0.155	-0.042	-0.197	0.152	-0.048	-0.200	0.138			0.0250
0.0420																				-0.072		0.0420
0.0500	0.110	-0.049	-0.159	0.120	-0.069	-0.188	0.116	-0.089	-0.205		-0.078		0.115	-0.050	-0.165	0.124	-0.059	-0.183	0.109			0.0500
0.0640																				-0.073		0.0640
0.0750	0.101	-0.052	-0.153	0.097	-0.065	-0.162	0.095	-0.084	-0.179	0.096	-0.080	-0.176	0.094	-0.052	-0.147	0.099	-0.062	-0.161	0.092			0.0750
0.0810																				-0.077		0.0810
0.1000	0.083	-0.049	-0.132	0.083	-0.064	-0.148	0.081	-0.077	-0.158	0.080	-0.078	-0.158	0.078	-0.061	-0.138	0.078	-0.070	-0.148	0.081	-0.080	-0.161	0.1000
0.1500	0.069	-0.038	-0.107	0.069	-0.064	-0.133	0.062	-0.070	-0.132	0.060	-0.074	-0.134	0.060	-0.068	-0.129	0.060	-0.078	-0.138	0.069	-0.082	-0.151	0.1500
0.2000	0.056	-0.038	-0.094	0.062	-0.057	-0.119	0.054	-0.067	-0.121	0.051			0.052	-0.068	-0.120	0.049	-0.071	-0.119	0.056	-0.083	-0.139	0.2000
0.3000	0.042	-0.038	-0.081	0.041	-0.014	-0.055	0.030	-0.059	-0.089				0.038	-0.066	-0.104	0.033	-0.087	-0.120	0.051	-0.086	-0.137	0.3000
0.4000	0.024	-0.035	-0.059	0.025	-0.035	-0.059	0.017	-0.044	-0.061				0.025	-0.047	-0.072	0.031	-0.092	-0.123	0.035	-0.088	-0.124	0.4000
0.5000	0.015	-0.032	-0.047	0.018	-0.034	-0.052	0.015	-0.046	-0.061				0.017	-0.041	-0.058	0.022	-0.093	-0.114	0.028	-0.094	-0.122	0.5000
0.6000		-0.038		0.018	-0.042	-0.061	0.008	-0.051	-0.058				0.014	-0.050	-0.064	0.017	-0.092	-0.109	0.024	-0.101	-0.125	0.6000
0.7000	0.033			0.018	-0.043	-0.062	0.011	-0.049	-0.060				0.014	-0.051	-0.066	0.010	-0.083	-0.093	0.021	-0.103	-0.124	0.7000
0.8000	0.007	-0.053	-0.060	0.013	-0.049	-0.063	0.011	-0.052	-0.064				0.012	-0.049	-0.060	0.006	-0.078	-0.084	0.017	-0.100	-0.117	0.8000
0.9000	0.014	-0.055	-0.069	0.014	-0.048	-0.062	-0.001	-0.054	-0.053				0.013	-0.049	-0.062	0.004	-0.069	-0.073	0.013	-0.098	-0.111	0.9000
1.0000	0.055	-0.052	-0.107	0.019	-0.041	-0.060	-0.025	-0.053	-0.028				0.017	-0.053	-0.070	0.005	-0.056	-0.061	0.010	-0.097	-0.107	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 2.228 α = 00.35													
0.0000	0.190	-0.007	-0.197	0.213	-0.060	-0.273	0.230	-0.110	-0.341				0.053	0.143	0.090	0.024	0.130	0.106	0.021	0.083		0.0000
0.0125	0.146	-0.009	-0.156	0.168	-0.063	-0.231	0.188	-0.115	-0.303	0.100	-0.012	-0.112	0.048	0.098	0.051	0.034	0.094	0.060	0.017			0.0125
0.0250	0.112	-0.013	-0.126	0.133	-0.064	-0.197	0.152	-0.114	-0.266	0.073	-0.009	-0.082	0.041	0.063	0.022	0.036	0.066	0.030	0.012			0.0250
0.0420																				0.031		0.0420
0.0500	0.075	-0.024	-0.099	0.090	-0.066	-0.156	0.097	-0.094	-0.191		-0.024		0.025	0.020	-0.005	0.015	0.034	0.019	-0.002			0.0500
0.0640																				0.018		0.0640
0.0750	0.066	-0.033	-0.099	0.073	-0.066	-0.139	0.068	-0.076	-0.144	0.021	-0.036	-0.058	0.014	-0.003	-0.017	-0.001	0.016	0.017	-0.008			0.0750
0.0810																				0.015		0.0810
0.1000	0.053	-0.033	-0.086	0.058	-0.069	-0.127	0.044	-0.069	-0.113	0.009	-0.041	-0.050	0.005	-0.012	-0.017	-0.017	0.005	0.021	-0.016	0.011	0.027	0.1000
0.1500	0.043	-0.037	-0.080	0.044	-0.060	-0.104	0.017	-0.052	-0.068	-0.004	-0.039	-0.035	-0.001	-0.024	-0.023	-0.030	-0.008	0.021	-0.024	0.004	0.028	0.1500
0.2000	0.033	-0.043	-0.076	0.030	-0.043	-0.073	0.004	-0.029	-0.033	-0.009			-0.007	-0.016	-0.009	-0.030	-0.015	0.015	-0.035	-0.003	0.031	0.2000
0.3000	0.020	-0.045	-0.066	0.004	0.005	0.001	-0.016	-0.038	-0.023				-0.013	-0.020	-0.007	-0.034	-0.023	0.011	-0.036	-0.017	0.019	0.3000
0.4000	-0.010	-0.019	-0.010	-0.013	-0.018	-0.005	-0.023	-0.033	-0.010				-0.019	-0.026	-0.006	-0.034	-0.027	0.008	-0.042	-0.027	0.015	0.4000
0.5000	-0.024	-0.016	0.007	-0.020	-0.016	0.003	-0.025	-0.026	-0.001				-0.026	-0.026	0.000	-0.036	-0.030	0.006	-0.053	-0.034	0.019	0.5000
0.6000		-0.018		-0.020	-0.018	0.001	-0.031	-0.032	-0.001				-0.029	-0.025	0.004	-0.040	-0.041	-0.002	-0.055	-0.044	0.011	0.6000
0.7000	-0.003			-0.019	-0.022	-0.003	-0.029	-0.028	0.001				-0.026	-0.027	-0.002	-0.038	-0.045	-0.007	-0.054	-0.051	0.002	0.7000
0.8000	-0.025	-0.032	-0.007	-0.022	-0.029	-0.007	-0.026	-0.032	-0.006				-0.028	-0.028	0.000	-0.042	-0.046	-0.004	-0.055	-0.049	0.005	0.8000
0.9000	-0.019	-0.034	-0.015	-0.019	-0.034	-0.015	-0.036	-0.039	-0.004				-0.026	-0.032	-0.006	-0.040	-0.043	-0.003	-0.053	-0.047	0.006	0.9000
1.0000	0.014	-0.033	-0.047	-0.012	-0.038	-0.026	-0.056	-0.050	0.006				-0.019	-0.039	-0.020	-0.032	-0.037	-0.005	-0.048	-0.043	0.004	1.0000
									M = 2.228 α = 04.28													
0.0000	0.138	0.025	-0.114	0.134	-0.049	-0.183	0.024	-0.193	-0.216				-0.090	0.195	0.284	-0.078	0.238	0.316	-0.004	0.217		0.0000
0.0125	0.093	0.028	-0.064	0.103	-0.040	-0.144	0.025	-0.137	-0.161	-0.047	0.054	0.101	-0.073	0.163	0.237	-0.082	0.206	0.288	-0.066			0.0125
0.0250	0.059	0.029	-0.030	0.078	-0.035	-0.112	0.022	-0.094	-0.115	-0.052	0.066	0.118	-0.064	0.138	0.202	-0.085	0.180	0.265	-0.103			0.0250
0.0420																				0.156		0.0420
0.0500	0.028	0.023	-0.005	0.042	-0.032	-0.074	0.003	-0.047	-0.050		0.068		-0.067	0.106	0.173	-0.091	0.144	0.235	-0.107			0.0500
0.0640																				0.139		0.0640
0.0750	0.023	0.009	-0.014	0.022	-0.027	-0.049	-0.013	-0.020	-0.007	-0.064	0.060	0.124	-0.057	0.091	0.148	-0.097	0.119	0.216	-0.107			0.0750
0.0810																				0.134		0.0810
0.1000	0.014	0.005	-0.008	0.009	-0.024	-0.033	-0.026	0.003	0.029	-0.069	0.054	0.123	-0.058	0.081	0.139	-0.102	0.108	0.211	-0.109	0.127	0.236	0.1000
0.1500	0.005	-0.006	-0.010	-0.014	-0.018	-0.004	-0.041	0.025	0.067	-0.075	0.050	0.125	-0.058	0.065	0.123	-0.106	0.090	0.196	-0.108	0.117	0.224	0.1500
0.2000	-0.009	-0.015	-0.006	-0.024	-0.003	0.022	-0.048	0.031	0.079	-0.076			-0.058	0.053	0.111	-0.101	0.070	0.171	-0.116	0.100	0.217	0.2000
0.3000	-0.029	-0.018	0.011	-0.043	0.044	0.087	-0.065	0.026	0.091				-0.059	0.037	0.095	-0.106	0.054	0.160	-0.111	0.093	0.204	0.3000
0.4000	-0.052	0.011	0.063	-0.057	0.021	0.078	-0.071	0.019	0.091				-0.065	0.031	0.096	-0.104	0.041	0.145	-0.115	0.073	0.188	0.4000
0.5000	-0.062	0.019	0.081	-0.060	0.022	0.082	-0.067	0.021	0.088				-0.069	0.023	0.092	-0.102	0.031	0.133	-0.121	0.052	0.173	0.5000
0.6000		0.014		-0.058	0.017	0.075	-0.072	0.013	0.086				-0.069	0.019	0.089	-0.098	0.023	0.121	-0.124	0.035	0.159	0.6000
0.7000	-0.037			-0.057	0.016	0.073	-0.067	0.017	0.084				-0.065	0.018	0.083	-0.092	0.020	0.111	-0.121	0.031	0.153	0.7000
0.8000	-0.056	-0.002	0.054	-0.059	0.009	0.068	-0.067	0.011	0.079				-0.067	0.014	0.081	-0.090	0.013	0.103	-0.117	0.028	0.145	0.8000
0.9000	-0.051	-0.001	0.050	-0.054	0.004	0.059	-0.074	0.001	0.074				-0.066	0.007	0.073	-0.084	0.006	0.090	-0.111	0.031	0.143	0.9000
1.0000	-0.022	0.005	0.027	-0.044	0.002	0.046	-0.087	-0.015	0.071				-0.059	-0.003	0.057	-0.073		0.073	-0.104	0.042	0.146	1.0000
									M = 2.235 α = 08.35													
0.0000	-0.023	0.175	0.197	-0.046	0.171	0.218	-0.091	0.190	0.281				-0.158	0.267	0.425	-0.118	0.283	0.401	-0.107	0.276		0.0000
0.0125	-0.029	0.151	0.180	-0.047	0.148	0.195	-0.089	0.164	0.253	-0.127	0.213	0.340	-0.129	0.242	0.370	-0.126	0.268	0.394	-0.134			0.0125
0.0250	-0.033	0.132	0.166	-0.048	0.129	0.178	-0.090	0.145	0.235	-0.126	0.191	0.317	-0.112	0.221	0.333	-0.131	0.253	0.384	-0.150			0.0250
0.0420																				0.242		0.0420
0.0500	-0.036	0.111	0.147	-0.058	0.104	0.162	-0.098	0.125	0.223		0.167		-0.118	0.191	0.309	-0.129	0.227	0.356	-0.147			0.0500
0.0640																				0.232		0.0640
0.0750	-0.037	0.092	0.130	-0.059	0.098	0.158	-0.098	0.112	0.210	-0.121	0.161	0.282	-0.115	0.174	0.289	-0.130	0.209	0.339	-0.146			0.0750
0.0810																				0.227		0.0810
0.1000	-0.044	0.090	0.134	-0.061	0.093	0.155	-0.075	0.107	0.182	-0.126	0.143	0.269	-0.117	0.163	0.279	-0.135	0.193	0.328	-0.144	0.219	0.363	0.1000
0.1500	-0.055	0.075	0.130	-0.067	0.085	0.152	-0.084	0.103	0.187	-0.131	0.128	0.259	-0.114	0.142	0.256	-0.138	0.169	0.307	-0.140	0.207	0.347	0.1500
0.2000	-0.065	0.066	0.131	-0.073	0.085	0.157	-0.088	0.103	0.190	-0.106			-0.117	0.126	0.243	-0.135	0.155	0.290	-0.148	0.188	0.337	0.2000
0.3000	-0.081	0.063	0.143	-0.085	0.100	0.185	-0.092	0.086	0.178				-0.115	0.105	0.220	-0.142	0.135	0.277	-0.155	0.167	0.322	0.3000
0.4000	-0.090	0.067	0.157	-0.089	0.073	0.162	-0.094	0.075	0.169				-0.095	0.099	0.194	-0.139	0.117	0.256	-0.140	0.148	0.288	0.4000
0.5000	-0.090	0.069	0.159	-0.086	0.070	0.155	-0.089	0.071	0.161				-0.088	0.084	0.172	-0.140	0.106	0.246	-0.149	0.128	0.277	0.5000
0.6000		0.057		-0.082	0.060	0.142	-0.092	0.062	0.154				-0.087	0.074	0.160	-0.139	0.094	0.233	-0.156	0.116	0.272	0.6000
0.7000	-0.058			-0.081	0.062	0.142	-0.089	0.063	0.152				-0.084	0.070	0.154	-0.135	0.084	0.219	-0.155	0.106	0.261	0.7000
0.8000	-0.077	0.047	0.124	-0.084	0.058	0.142	-0.089	0.059	0.148				-0.087	0.064	0.151	-0.133	0.071	0.204	-0.154	0.102	0.256	0.8000
0.9000	-0.077	0.049	0.125	-0.077	0.054	0.132	-0.094	0.052	0.146				-0.086	0.058	0.144	-0.133	0.060	0.193	-0.149	0.103	0.253	0.9000
1.0000	-0.056	0.055	0.111	-0.062	0.049	0.111	-0.106	0.041	0.147				-0.080	0.053	0.133	-0.135	0.050	0.185	-0.141	0.109	0.250	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$ - Concluded

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
										M = 2.235		α = 12.29										
0.0000	-0.103	0.251	0.354	-0.124	0.296	0.421	-0.150	0.291	0.441				-0.200	0.310	0.510	-0.162	0.294	0.456	-0.138	0.316		0.0000
0.0125	-0.104	0.250	0.354	-0.119	0.278	0.397	-0.144	0.274	0.418	-0.159	0.294	0.453	-0.162	0.305	0.467	-0.156	0.308	0.464	-0.158			0.0125
0.0250	-0.105	0.244	0.348	-0.118	0.259	0.378	-0.142	0.259	0.401	-0.158	0.283	0.441	-0.142	0.297	0.439	-0.152	0.313	0.466	-0.170			0.0250
0.0420																				0.307		0.0420
0.0500	-0.105	0.212	0.316	-0.128	0.224	0.352	-0.147	0.237	0.384		0.262		-0.152	0.274	0.426	-0.152	0.297	0.450	-0.168			0.0500
0.0640																				0.299		0.0640
0.0750	-0.103	0.188	0.291	-0.129	0.209	0.338	-0.147	0.216	0.362	-0.154	0.240	0.394	-0.152	0.259	0.411	-0.154	0.280	0.434	-0.166			0.0750
0.0810																				0.291		0.0810
0.1000	-0.100	0.177	0.277	-0.129	0.190	0.318	-0.137	0.207	0.344	-0.153	0.228	0.381	-0.153	0.242	0.395	-0.158	0.272	0.430	-0.163	0.290	0.453	0.1000
0.1500	-0.099	0.159	0.258	-0.128	0.176	0.305	-0.142	0.192	0.334	-0.157	0.205	0.362	-0.152	0.221	0.372	-0.165	0.250	0.415	-0.161	0.274	0.435	0.1500
0.2000	-0.105	0.148	0.253	-0.120	0.180	0.300	-0.145	0.185	0.330	-0.153			-0.154	0.202	0.356	-0.163	0.231	0.395	-0.174	0.259	0.433	0.2000
0.3000	-0.111	0.147	0.258	-0.114	0.174	0.289	-0.142	0.163	0.305				-0.153	0.185	0.339	-0.168	0.219	0.387	-0.156	0.243	0.399	0.3000
0.4000	-0.113	0.143	0.256	-0.113	0.151	0.264	-0.124	0.149	0.273				-0.144	0.169	0.312	-0.165	0.188	0.353	-0.170	0.229	0.399	0.4000
0.5000	-0.109	0.131	0.240	-0.109	0.129	0.238	-0.112	0.134	0.246				-0.144	0.150	0.294	-0.165	0.174	0.339	-0.171	0.210	0.381	0.5000
0.6000		0.120		-0.104	0.121	0.225	-0.114	0.123	0.237				-0.141	0.139	0.280	-0.167	0.159	0.325	-0.175	0.189	0.364	0.6000
0.7000	-0.075			-0.106	0.121	0.227	-0.111	0.124	0.234				-0.130	0.130	0.260	-0.163	0.147	0.310	-0.174	0.179	0.352	0.7000
0.8000	-0.097	0.102	0.199	-0.110	0.114	0.224	-0.111	0.118	0.229				-0.127	0.125	0.252	-0.163	0.137	0.300	-0.173	0.176	0.348	0.8000
0.9000	-0.101	0.109	0.210	-0.102	0.113	0.215	-0.119	0.112	0.230				-0.117	0.116	0.233	-0.163	0.127	0.289	-0.168	0.172	0.340	0.9000
1.0000	-0.089	0.127	0.216	-0.083	0.118	0.201	-0.135	0.104	0.239				-0.100	0.103	0.203	-0.162	0.116	0.278	-0.161	0.169	0.329	1.0000
										M = 2.732		α = 16.26										
0.0000	-0.147	0.236	0.383	-0.146	0.224	0.370	-0.167	0.324	0.491				-0.218	0.334	0.552	-0.171	0.302	0.473	-0.146	0.333		0.0000
0.0125	-0.145	0.288	0.433	-0.144	0.256	0.400	-0.162	0.334	0.496	-0.170	0.336	0.506	-0.174	0.349	0.523	-0.166	0.343	0.509	-0.168			0.0125
0.0250	-0.144	0.314	0.458	-0.145	0.276	0.420	-0.160	0.337	0.497	-0.171	0.345	0.516	-0.159	0.356	0.506	-0.163	0.368	0.530	-0.180			0.0250
0.0420																				0.368		0.0420
0.0500	-0.143	0.289	0.431	-0.152	0.278	0.430	-0.165	0.324	0.489		0.335		-0.166	0.341	0.507	-0.164	0.365	0.529	-0.173			0.0500
0.0640																				0.370		0.0640
0.0750	-0.140	0.253	0.393	-0.154	0.286	0.440	-0.165	0.308	0.472	-0.169	0.316	0.485	-0.166	0.333	0.499	-0.169	0.354	0.523	-0.176			0.0750
0.0810																				0.364		0.0810
0.1000	-0.135	0.228	0.363	-0.155	0.283	0.437	-0.160	0.304	0.464	-0.166	0.305	0.471	-0.169	0.323	0.492	-0.168	0.350	0.518	-0.171	0.362	0.533	0.1000
0.1500	-0.131	0.174	0.306	-0.155	0.283	0.438	-0.165	0.279	0.444	-0.170	0.288	0.458	-0.166	0.301	0.466	-0.180	0.330	0.510	-0.167	0.350	0.517	0.1500
0.2000	-0.135	0.168	0.303	-0.150	0.272	0.423	-0.167	0.272	0.439	-0.168			-0.169	0.286	0.455	-0.173	0.314	0.487	-0.184	0.347	0.531	0.2000
0.3000	-0.132	0.207	0.339	-0.150	0.259	0.409	-0.166	0.251	0.417				-0.169	0.257	0.426	-0.181	0.285	0.465	-0.164	0.330	0.494	0.3000
0.4000	-0.132	0.218	0.350	-0.145	0.223	0.368	-0.157	0.225	0.382				-0.162	0.246	0.409	-0.177	0.265	0.442	-0.178	0.304	0.482	0.4000
0.5000	-0.128	0.203	0.331	-0.136	0.207	0.343	-0.146	0.214	0.360				-0.166	0.226	0.391	-0.180	0.254	0.433	-0.180	0.283	0.463	0.5000
0.6000		0.204		-0.128	0.201	0.329	-0.149	0.202	0.351				-0.164	0.215	0.378	-0.179	0.237	0.415	-0.182	0.267	0.449	0.6000
0.7000	-0.093			-0.127	0.187	0.314	-0.143	0.195	0.339				-0.156	0.203	0.358	-0.176	0.226	0.403	-0.181	0.253	0.434	0.7000
0.8000	-0.114	0.170	0.284	-0.126	0.185	0.311	-0.138	0.190	0.328				-0.157	0.192	0.348	-0.176	0.212	0.388	-0.181	0.255	0.436	0.8000
0.9000	-0.118	0.179	0.297	-0.117	0.183	0.300	-0.142	0.183	0.326				-0.150	0.187	0.337	-0.175	0.205	0.380	-0.175	0.251	0.427	0.9000
1.0000	-0.107	0.204	0.312	-0.100	0.181	0.282	-0.156	0.176	0.332				-0.135	0.190	0.325	-0.175	0.203	0.379	-0.164	0.242	0.406	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.689 α = -04.33																					
0.0000	0.231	-0.480	-0.711	0.205	-0.693	-0.898	0.187	-0.618	-0.805				0.218	-0.723	-0.941	0.205	-0.654	-0.860	0.170	-0.582		0.0000
0.0125	0.165	-0.330	-0.495	0.156	-0.487	-0.644	0.153	-0.576	-0.729	0.150	-0.678	-0.828	0.171	-0.733	-0.904	0.183	-0.655	-0.838	0.181			0.0125
0.0250	0.117	-0.234	-0.352	0.120	-0.345	-0.465	0.123	-0.508	-0.631	0.120	-0.397	-0.517	0.135	-0.679	-0.814		-0.656		0.182			0.0250
0.0420																				-0.555		0.0420
0.0500	0.078	-0.206	-0.284	0.084	-0.253	-0.337	0.077	-0.291	-0.367		-0.336		0.094	-0.379	-0.473	0.128	-0.662	-0.790	0.155			0.0500
0.0640																				-0.552		0.0640
0.0750	0.062	-0.200	-0.263	0.051	-0.231	-0.282	0.057	-0.269	-0.326	0.055			0.066	-0.298	-0.364	0.100	-0.682	-0.781	0.135			0.0750
0.0810																				-0.556		0.0810
0.1000	0.041	-0.195	-0.237	0.043	-0.223	-0.266	0.038	-0.245	-0.282	0.036	-0.280	-0.316	0.050	-0.276	-0.327	0.082	-0.697	-0.780	0.122	-0.556	-0.678	0.1000
0.1500	0.023	-0.185	-0.208	0.027	-0.201	-0.228	0.024	-0.228	-0.252	0.018	-0.253	-0.271	0.027	-0.253	-0.280	0.058	-0.651	-0.709	0.101	-0.559	-0.660	0.1500
0.2000	0.016	-0.181	-0.197	0.022	-0.191	-0.213	0.016	-0.217	-0.234	0.014			0.025	-0.236	-0.261	0.039	-0.672	-0.511	0.084	-0.562	-0.646	0.2000
0.3000	-0.003	-0.184	-0.181	0.002	-0.184	-0.186	-0.001	-0.203	-0.202				0.011	-0.215	-0.226	0.028	-0.184	-0.212	0.060	-0.576	-0.636	0.3000
0.4000	-0.006	-0.181	-0.175	-0.005	-0.176	-0.171	-0.010	-0.188	-0.178				0.007	-0.184	-0.191	0.022	-0.174	-0.197	0.039	-0.584	-0.623	0.4000
0.5000	-0.013	-0.169	-0.155	-0.004	-0.167	-0.164	-0.002	-0.173	-0.171				0.005	-0.169	-0.174	0.016	-0.155	-0.172	0.031	-0.555	-0.586	0.5000
0.6000		-0.157		0.012	-0.151	-0.163	0.001	-0.155	-0.150				0.011	-0.153	-0.163	0.017	-0.143	-0.160	0.021	-0.485	-0.507	0.6000
0.7000	0.005			0.008	-0.128	-0.136	0.004	-0.127	-0.131				0.012	-0.124	-0.136	0.014	-0.112	-0.126	0.012	-0.365	-0.377	0.7000
0.8000	0.014	-0.106	-0.119	0.013	-0.096	-0.109	0.006	-0.096	-0.102				0.012	-0.089	-0.101	0.011	-0.081	-0.092	0.005	-0.209	-0.215	0.8000
0.9000	0.020	-0.052	-0.072	0.022	-0.044	-0.066	0.015	-0.047	-0.062				0.030	-0.031	-0.061	0.020	-0.034	-0.054	-0.013	-0.069	-0.056	0.9000
1.0000	0.025	0.020	-0.005	0.036	0.029	-0.007	0.034	0.021	-0.013				0.065	0.049	-0.016	0.041	0.030	-0.010	-0.043	0.056	0.099	1.0000
	M = 0.690 α = -00.25																					
0.0000	0.026	0.018	-0.008	-0.052	-0.013	0.039	-0.064	-0.022	0.042				-0.054	-0.033	0.021	-0.075	-0.029	0.046	-0.054	-0.136		0.0000
0.0125	-0.034	-0.015	0.019	-0.072	-0.043	0.029	-0.079	-0.054	0.025	-0.088	-0.055	0.032	-0.084	-0.059	0.026	-0.088	-0.063	0.025	-0.077			0.0125
0.0250	-0.073	-0.040	0.033	-0.086	-0.064	0.022	-0.091	-0.075	0.016	-0.103	-0.080	0.023	-0.104	-0.078	0.027		-0.088		-0.093			0.0250
0.0420																				-0.112		0.0420
0.0500	-0.086	-0.063	0.023	-0.095	-0.079	0.016	-0.109	-0.090	0.019		-0.098		-0.114	-0.097	0.017	-0.116	-0.110	0.006	-0.104			0.0500
0.0640																				-0.107		0.0640
0.0750	-0.087	-0.078	0.008	-0.104	-0.086	0.018	-0.108	-0.100	0.008	-0.117			-0.119	-0.102	0.018	-0.126	-0.113	0.013	-0.106			0.0750
0.0810																				-0.106		0.0810
0.1000	-0.097	-0.081	0.016	-0.097	-0.092	0.005	-0.114	-0.102	0.012	-0.121	-0.106	0.015	-0.122	-0.106	0.016	-0.121	-0.115	0.005	-0.105	-0.105	0.000	0.1000
0.1500	-0.101	-0.082	0.019	-0.101	-0.097	0.004	-0.113	-0.104	0.009	-0.117	-0.111	0.007	-0.117	-0.109	0.009	-0.119	-0.114	0.005	-0.103	-0.103		0.1500
0.2000	-0.099	-0.087	0.012	-0.101	-0.090	0.011	-0.109	-0.107	0.002	-0.115			-0.114	-0.109	0.005	-0.117	-0.111	0.006	-0.099	-0.107	-0.008	0.2000
0.3000	-0.105	-0.102	0.004	-0.105	-0.097	0.008	-0.108	-0.110	-0.001				-0.105	-0.107	-0.002	-0.101	-0.109	-0.007	-0.092	-0.105	-0.013	0.3000
0.4000	-0.103	-0.108	-0.004	-0.100	-0.103	-0.003	-0.103	-0.106	-0.003				-0.091	-0.096	-0.005	-0.086	-0.105	-0.019	-0.087	-0.099	-0.012	0.4000
0.5000	-0.099	-0.103	-0.004	-0.089	-0.103	-0.014	-0.086	-0.101	-0.015				-0.075	-0.093	-0.018	-0.070	-0.090	-0.019	-0.072	-0.087	-0.015	0.5000
0.6000		-0.099		-0.063	-0.097	-0.034	-0.068	-0.098	-0.030				-0.058	-0.088	-0.030	-0.059	-0.083	-0.024	-0.062	-0.076	-0.014	0.6000
0.7000	-0.059			-0.053	-0.089	-0.036	-0.049	-0.085	-0.036				-0.046	-0.078	-0.033	-0.046	-0.063	-0.017	-0.048	-0.064	-0.015	0.7000
0.8000	-0.038	-0.077	-0.039	-0.033	-0.069	-0.036	-0.038	-0.067	-0.029				-0.032	-0.057	-0.025	-0.032	-0.047	-0.015	-0.029	-0.038	-0.009	0.8000
0.9000	-0.012	-0.040	-0.028	-0.009	-0.032	-0.023	-0.014	-0.031	-0.017				0.002	-0.020	-0.023	-0.006	-0.016	-0.010	-0.020	-0.005	0.015	0.9000
1.0000	0.018	0.013	-0.005	0.019	0.023	0.004	0.023	0.024	0.000				0.058	0.032	-0.026	0.031	0.031	0.000	-0.020	0.036	0.056	1.0000
	M = 0.690 α = 03.83																					
0.0000	-0.337	0.240	0.578	-0.515	0.221	0.736	-0.877	0.222	1.099				-0.581	0.214	0.795	-0.653	0.202	0.854	-0.519	0.179		0.0000
0.0125	-0.322	0.185	0.507	-0.506	0.170	0.676	-0.639	0.165	0.804	-0.720	0.169	0.889	-0.689	0.176	0.865	-0.649	0.184	0.833	-0.521			0.0125
0.0250	-0.300	0.142	0.442	-0.462	0.132	0.594	-0.461	0.124	0.585	-0.616	0.132	0.748	-0.705	0.145	0.850		0.166		-0.522			0.0250
0.0420																				0.161		0.0420
0.0500	-0.232	0.096	0.328	-0.270	0.090	0.359	-0.286	0.088	0.374		0.087		-0.463	0.104	0.567	-0.652	0.130	0.781	-0.520			0.0500
0.0640																				0.145		0.0640
0.0750	-0.207	0.069	0.276	-0.248	0.070	0.317	-0.268	0.062	0.330	-0.298			-0.329	0.078	0.407	-0.664	0.100	0.764	-0.519			0.0750
0.0810																				0.129		0.0810
0.1000	-0.206	0.056	0.262	-0.228	0.053	0.281	-0.255	0.047	0.301	-0.281	0.047	0.328	-0.287	0.061	0.348	-0.667	0.081	0.748	-0.520	0.117	0.636	0.1000
0.1500	-0.197	0.040	0.236	-0.208	0.035	0.243	-0.228	0.027	0.255	-0.246	0.027	0.273	-0.249	0.038	0.287	-0.628	0.054	0.682	-0.517	0.099	0.616	0.1500
0.2000	-0.186	0.026	0.213	-0.193	0.025	0.218	-0.208	0.019	0.228	-0.225			-0.228	0.030	0.257	-0.464	0.044	0.508	-0.519	0.075	0.594	0.2000
0.3000	-0.185	0.005	0.190	-0.186	0.007	0.194	-0.196	0.004	0.199				-0.196	0.009	0.206	-0.178	0.020	0.198	-0.531	0.049	0.580	0.3000
0.4000	-0.175	-0.011	0.164	-0.170	-0.005	0.165	-0.178	-0.011	0.166				-0.173	0.002	0.175	-0.143	0.008	0.151	-0.540	0.031	0.571	0.4000
0.5000	-0.160	-0.015	0.145	-0.147	-0.017	0.131	-0.145	-0.017	0.128				-0.145	-0.004	0.141	-0.130	0.007	0.138	-0.503	0.021	0.525	0.5000
0.6000		-0.022		-0.110	-0.022	0.088	-0.120	-0.024	0.097				-0.111	-0.012	0.100	-0.110	-0.005	0.105	-0.427	0.013	0.440	0.6000
0.7000	-0.093			-0.087	-0.021	0.065	-0.088	-0.018	0.071				-0.084	-0.013	0.071	-0.087	0.000	0.087	-0.323	0.007	0.330	0.7000
0.8000	-0.058	-0.023	0.035	-0.053	-0.016	0.037	-0.062	-0.015	0.047				-0.057	-0.006	0.051	-0.058	0.002	0.060	-0.181	0.001	0.182	0.8000
0.9000	-0.017		0.016	-0.013	0.006	0.019	-0.018	0.004	0.022				-0.007	0.017	0.023	-0.015	0.015	0.030	-0.077	0.011	0.088	0.9000
1.0000	0.031	0.038	0.007	0.032	0.044	0.011	0.042	0.039	-0.003				0.067	0.055	-0.012	0.041	0.039	-0.002	-0.012	0.037	0.049	1.0000

NACA

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.694 α = 07.56																					
0.0000	-1.870	0.279	2.148	-0.958	0.216	1.174	-1.046	0.173	1.219				-0.878	0.133	1.011	-0.773	0.058	0.831	-0.592	0.119		0.0000
0.0125	-1.037	0.276	1.313	-1.095	0.232	1.327	-1.001	0.203	1.204	-0.953	0.174	1.127	-0.892	0.184	1.076	-0.773	0.144	0.917	-0.587			0.0125
0.0250	-0.518	0.265	0.783	-1.155	0.235	1.390	-1.019	0.216	1.236	-0.964	0.218	1.182	-0.908	0.212	1.121		0.197		-0.584			0.0250
0.0420																				0.197		0.0420
0.0500	-0.425	0.217	0.642	-1.042	0.203	1.246	-1.242	0.196	1.438		0.200		-0.945	0.202	1.147	-0.783	0.207	0.990	-0.583			0.0500
0.0640																				0.206		0.0640
0.0750	-0.375	0.189	0.564	-0.274	0.178	0.452	-1.221	0.178	1.390	-1.245			-1.055	0.186	1.241	-0.798	0.191	0.989	-0.584			0.0750
0.0810																				0.197		0.0810
0.1000	-0.360	0.166	0.526	-0.311	0.157	0.469	-0.689	0.157	0.846	-1.270	0.159	1.429	-1.173	0.168	1.341	-0.811	0.179	0.989	-0.582	0.193	0.775	0.1000
0.1500	-0.342	0.139	0.481	-0.324	0.134	0.458	-0.255	0.131	0.385	-0.678	0.131	0.809	-1.180	0.139	1.319	-0.835	0.156	0.991	-0.580	0.176	0.756	0.1500
0.2000	-0.316	0.120	0.436	-0.311	0.117	0.428	-0.283	0.110	0.393	-0.229			-0.771	0.120	0.891	-0.893	0.137	1.030	-0.580	0.160	0.739	0.2000
0.3000	-0.301	0.088	0.390	-0.293	0.091	0.384	-0.286	0.088	0.374				-0.187	0.092	0.279	-1.106	0.105	1.211	-0.589	0.126	0.715	0.3000
0.4000	-0.270	0.063	0.334	-0.263	0.069	0.332	-0.266	0.062	0.328				-0.202	0.075	0.277	-1.067	0.080	1.146	-0.579	0.101	0.679	0.4000
0.5000	-0.243	0.051	0.294	-0.228	0.051	0.278	-0.223	0.046	0.269				-0.184	0.058	0.241	-0.761	0.069	0.830	-0.551	0.077	0.628	0.5000
0.6000		0.034		-0.182	0.034	0.216	-0.179	0.032	0.211				-0.155	0.041	0.196	-0.320	0.048	0.368	-0.542	0.050	0.592	0.6000
0.7000	-0.143			-0.142	0.023	0.165	-0.133	0.027	0.161				-0.118	0.028	0.146	-0.073	0.041	0.114	-0.603	0.025	0.628	0.7000
0.8000	-0.091	0.012	0.103	-0.090	0.016	0.106	-0.092	0.016	0.108				-0.080	0.024	0.104	0.006	0.027	0.021	-0.659	-0.007	0.651	0.8000
0.9000	-0.037	0.018	0.055	-0.037	0.023	0.060	-0.040	0.024	0.063				-0.017	0.033	0.050	0.046	0.027	-0.019	-0.653	-0.079	0.574	0.9000
1.0000	0.020	0.037	0.017	0.017	0.044	0.027	0.023	0.050	0.027				0.071	0.054	-0.017	0.048	0.043	-0.005	-0.587	-0.190	0.397	1.0000
	M = 0.693 α = 11.74																					
0.0000	-0.849	0.257	1.106	-1.335	0.125	1.460	-1.402	0.005	1.407				-1.167	-0.053	1.114	-1.054	-0.174	0.880	-0.769	-0.005		0.0000
0.0125	-1.726	0.341	2.067	-1.456	0.238	1.694	-1.382	0.167	1.550	-1.288	0.095	1.383	-1.184	0.121	1.305	-1.049	0.020	1.069	-0.766			0.0125
0.0250	-1.980	0.386	2.365	-1.524	0.307	1.831	-1.374	0.268	1.642	-1.279	0.244	1.522	-1.198	0.233	1.431		0.151		-0.764			0.0250
0.0420																				0.169		0.0420
0.0500	-0.618	0.358	0.976	-1.500	0.312	1.811	-1.388	0.288	1.677		0.277		-1.220	0.273	1.492	-1.045	0.225	1.270	-0.758			0.0500
0.0640																				0.209		0.0640
0.0750	-0.541	0.325	0.866	-1.730	0.295	2.025	-1.498	0.280	1.778	-1.374			-1.272	0.276	1.548	-1.050	0.248	1.298	-0.755			0.0750
0.0810																				0.215		0.0810
0.1000	-0.544	0.299	0.843	-1.287	0.274	1.561	-1.777	0.269	2.046	-1.432	0.260	1.692	-1.281	0.266	1.547	-1.047	0.243	1.289	-0.749	0.224	0.973	0.1000
0.1500	-0.512	0.263	0.776	-0.480	0.249	0.729	-1.392	0.241	1.634	-1.870	0.235	2.105	-1.348	0.243	1.591	-1.075	0.233	1.308	-0.735	0.223	0.958	0.1500
0.2000	-0.453	0.238	0.691	-0.415	0.230	0.645	-0.601	0.223	0.824	-1.468			-1.787	0.223	2.009	-1.093	0.222	1.314	-0.720	0.215	0.935	0.2000
0.3000	-0.431	0.191	0.622	-0.407	0.196	0.603	-0.379	0.190	0.569				-1.088	0.191	1.278	-1.044	0.187	1.231	-0.697	0.187	0.884	0.3000
0.4000	-0.384	0.157	0.541	-0.373	0.167	0.540	-0.354	0.160	0.513				-0.464	0.169	0.633	-1.104	0.158	1.262	-0.683	0.156	0.840	0.4000
0.5000	-0.338	0.138	0.476	-0.319	0.137	0.456	-0.297	0.138	0.435				-0.266	0.141	0.407	-1.479	0.139	1.618	-0.646	0.126	0.772	0.5000
0.6000		0.112		-0.251	0.112	0.363	-0.240	0.109	0.348				-0.197	0.115	0.312	-1.366	0.108	1.474	-0.582	0.088	0.670	0.6000
0.7000	-0.199			-0.193	0.090	0.283	-0.179	0.091	0.271				-0.144	0.093	0.237	-0.982	0.088	1.069	-0.517	0.048	0.565	0.7000
0.8000	-0.128	0.061	0.188	-0.123	0.070	0.193	-0.119	0.068	0.187				-0.088	0.074	0.162	-0.601	0.054	0.655	-0.458	-0.004	0.454	0.8000
0.9000	-0.057	0.049	0.106	-0.055	0.058	0.114	-0.051	0.056	0.107				-0.018	0.063	0.082	-0.288	0.019	0.307	-0.418	-0.099	0.319	0.9000
1.0000	0.012	0.046	0.034	0.011	0.055	0.044	0.026	0.055	0.029				0.064	0.061	-0.003	-0.042	-0.017	0.026	-0.398	-0.237	0.161	1.0000
	M = 0.693 α = 15.76																					
0.0000	-1.584	0.187	1.771	-1.892	-0.012	1.881	-1.745	-0.201	1.544				-1.502	-0.288	1.214	-1.322	-0.424	0.898	-0.909	-0.160		0.0000
0.0125	-2.073	0.354	2.427	-1.830	0.185	2.016	-1.700	0.077	1.778	-1.622	-0.034	1.588	-1.511	-0.005	1.506	-1.317	-0.145	1.172	-0.897			0.0125
0.0250	-2.314	0.454	2.768	-1.815	0.313	2.128	-1.689	0.258	1.947	-1.612	0.211	1.823	-1.515	0.184	1.699		0.050		-0.888			0.0250
0.0420																				0.093		0.0420
0.0500	-2.050	0.453	2.502	-1.922	0.365	2.287	-1.766	0.325	2.091		0.302		-1.510	0.278	1.788	-1.306	0.184	1.490	-0.878			0.0500
0.0640																				0.159		0.0640
0.0750	-1.187	0.424	1.610	-1.871	0.365	2.237	-1.773	0.335	2.108	-1.777			-1.581	0.307	1.888	-1.305	0.244	1.549	-0.867			0.0750
0.0810																				0.179		0.0810
0.1000	-0.909	0.397	1.305	-2.081	0.352	2.432	-1.780	0.334	2.114	-1.760	0.316	2.076	-1.673	0.309	1.982	-1.288	0.258	1.546	-0.857	0.200	1.057	0.1000
0.1500	-0.782	0.355	1.136	-1.368	0.331	1.699	-2.062	0.314	2.376	-1.676	0.302	1.978	-1.587	0.297	1.883	-1.302	0.267	1.569	-0.835	0.215	1.050	0.1500
0.2000	-0.661	0.311	0.972	-0.872	0.311	1.183	-1.638	0.293	1.931	-1.955			-1.563	0.281	1.844	-1.355	0.260	1.615	-0.808	0.219	1.027	0.2000
0.3000	-0.613	0.256	0.869	-0.634	0.272	0.906	-0.835	0.261	1.096				-1.931	0.250	2.181	-1.305	0.235	1.540	-0.763	0.203	0.966	0.3000
0.4000	-0.548	0.219	0.768	-0.552	0.235	0.786	-0.604	0.225	0.828				-1.299	0.222	1.521	-1.196	0.203	1.399	-0.734	0.174	0.907	0.4000
0.5000	-0.470	0.190	0.661	-0.468	0.201	0.669	-0.471	0.195	0.666				-0.776	0.194	0.970	-1.106	0.181	1.287	-0.691	0.138	0.829	0.5000
0.6000		0.162		-0.386	0.167	0.552	-0.380	0.163	0.543				-0.504	0.159	0.663	-1.090	0.140	1.230	-0.641	0.095	0.736	0.6000
0.7000	-0.270			-0.292	0.133	0.424	-0.294	0.134	0.427				-0.344	0.123	0.466	-1.457	0.106	1.563	-0.582	0.046	0.629	0.7000
0.8000	-0.184	0.088	0.272	-0.199	0.101	0.300	-0.215	0.096	0.312				-0.242	0.091	0.333	-1.392	0.053	1.445	-0.528	-0.012	0.516	0.8000
0.9000	-0.105	0.059	0.165	-0.109	0.071	0.179	-0.118	0.065	0.182				-0.131	0.055	0.186	-1.022	-0.032	0.991	-0.479	-0.114	0.365	0.9000
1.0000	-0.034	0.036	0.070	-0.020	0.042	0.062	0.000	0.039	0.039				-0.011	0.014	0.025	-0.348	-0.149	0.199	-0.438	-0.261	0.177	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.905 α = 03.69																					
0.0000	-0.261	0.228	0.490	-0.402	0.189	0.591	-0.522	0.195	0.716				-0.585	0.182	0.767	-0.678	0.139	0.817	-0.595	0.042		0.0000
0.0125	-0.276	0.164	0.440	-0.448	0.138	0.587	-0.564	0.134	0.698	-0.637	0.137	0.774	-0.644	0.134	0.779	-0.679	0.140	0.819	-0.596			0.0125
0.0250	-0.279	0.115	0.394	-0.443	0.100	0.542	-0.541	0.090	0.631	-0.663	0.095	0.759	-0.654	0.098	0.752		0$134		-0.596			0.0250
0.0420																				0.108		0.0420
0.0500	-0.247	0.068	0.315	-0.278	0.057	0.335	-0.306	0.052	0.357		0.066		-0.527	0.057	0.584	-0.685	0.101	0.786	-0.594			0.0500
0.0640																				0.112		0.0640
0.0750	-0.218	0.042	0.259	-0.258	0.036	0.294	-0.281	0.026	0.307	-0.320			-0.375	0.032	0.407	-0.691	0.055	0.746	-0.594			0.0750
0.0810																				0.099		0.0810
0.1000	-0.214	0.027	0.241	-0.257	0.019	0.276	-0.273	0.011	0.284	-0.317	0.018	0.334	-0.325	0.016	0.341	-0.700	0.042	0.742	-0.597	0.087	0.684	0.1000
0.1500	-0.231	0.006	0.236	-0.234	0.001	0.235	-0.266	-0.010	0.255	-0.295	-0.003	0.292	-0.310	-0.005	0.304	-0.703	0.018	0.721	-0.593	0.067	0.660	0.1500
0.2000	-0.207	-0.011	0.196	-0.240	-0.011	0.229	-0.247	-0.019	0.228	-0.280			-0.287	-0.019	0.267	-0.636	0.009	0.645	-0.590	0.048	0.637	0.2000
0.3000	-0.232	-0.036	0.196	-0.241	-0.033	0.208	-0.260	-0.036	0.224				-0.277	-0.032	0.245	-0.330	-0.015	0.315	-0.595	0.024	0.619	0.3000
0.4000	-0.241	-0.052	0.189	-0.243	-0.048	0.194	-0.256	-0.050	0.206				-0.264	-0.043	0.220	-0.191	-0.029	0.162	-0.622	0.010	0.632	0.4000
0.5000	-0.243	-0.058	0.185	-0.239	-0.061	0.178	-0.240	-0.057	0.183				-0.232	-0.050	0.182	-0.192	-0.026	0.166	-0.626	0.002	0.628	0.5000
0.6000		-0.064		-0.197	-0.062	0.134	-0.189	-0.061	0.128				-0.182	-0.050	0.132	-0.182	-0.036	0.146	-0.613	0.000	0.613	0.6000
0.7000	-0.168			-0.153	-0.062	0.091	-0.150	-0.057	0.093				-0.149	-0.053	0.096	-0.155	-0.034	0.121	-0.563	-0.004	0.559	0.7000
0.8000	-0.108	-0.060	0.048	-0.107	-0.055	0.052	-0.113	-0.050	0.063				-0.107	-0.044	0.063	-0.101	-0.026	0.074	-0.418	-0.009	0.409	0.8000
0.9000	-0.056	-0.031	0.025	-0.052	-0.023	0.029	-0.051	-0.022	0.029				-0.037	-0.011	0.026	-0.043	-0.006	0.037	-0.213	0.000	0.213	0.9000
1.0000	-0.012	0.016	0.027	0.013	0.033	0.020	0.036	0.027	-0.009				0.061	0.046	-0.015	0.018	0.027	0.009	0.051	0.023	-0.028	1.0000
	M = 0.952 α = 03.73																					
0.0000	-0.189	0.257	0.446	-0.341	0.210	0.551	-0.436	0.207	0.643				-0.581	0.186	0.767	-0.692	0.160	0.852	-0.669	0.084		0.0000
0.0125	-0.230	0.187	0.417	-0.398	0.154	0.552	-0.515	0.146	0.661	-0.582	0.147	0.730	-0.613	0.136	0.749	-0.684	0.131	0.815	-0.678			0.0125
0.0250	-0.249	0.135	0.384	-0.403	0.112	0.515	-0.511	0.101	0.612	-0.624	0.098	0.722	-0.612	0.098	0.710		0.109		-0.684			0.0250
0.0420																				0.085		0.0420
0.0500	-0.220	0.085	0.305	-0.256	0.070	0.326	-0.255	0.060	0.315		0.052		-0.514	0.058	0.571	-0.686	0.083	0.768	-0.686			0.0500
0.0640																				0.075		0.0640
0.0750	-0.192	0.056	0.248	-0.237	0.045	0.282	-0.269	0.034	0.302	-0.301			-0.355	0.033	0.388	-0.708	0.043	0.751	-0.689			0.0750
0.0810																				0.063		0.0810
0.1000	-0.202	0.038	0.240	-0.219	0.027	0.246	-0.278	0.014	0.292	-0.299	0.011	0.309	-0.317	0.012	0.329	-0.703	0.027	0.730	-0.693	0.053	0.746	0.1000
0.1500	-0.195	0.016	0.211	-0.236	0.007	0.242	-0.251	-0.010	0.240	-0.285	-0.013	0.272	-0.290	-0.013	0.278	-0.672	-0.003	0.670	-0.696	0.041	0.737	0.1500
0.2000	-0.199	-0.002	0.197	-0.230	-0.011	0.218	-0.240	-0.020	0.220	-0.273			-0.280	-0.026	0.255	-0.603	-0.023	0.580	-0.697	0.019	0.716	0.2000
0.3000	-0.226	-0.037	0.189	-0.245	-0.037	0.208	-0.257	-0.042	0.215				-0.278	-0.042	0.235	-0.364	-0.047	0.317	-0.704	-0.018	0.686	0.3000
0.4000	-0.250	-0.061	0.189	-0.250	-0.058	0.192	-0.267	-0.059	0.207				-0.274	-0.063	0.211	-0.273	-0.058	0.214	-0.733	-0.031	0.702	0.4000
0.5000	-0.256	-0.069	0.187	-0.259	-0.078	0.181	-0.264	-0.077	0.187				-0.276	-0.073	0.203	-0.287	-0.060	0.227	-0.738	-0.038	0.700	0.5000
0.6000		-0.085		-0.263	-0.087	0.176	-0.264	-0.086	0.177				-0.259	-0.077	0.182	-0.285	-0.067	0.218	-0.730	-0.025	0.705	0.6000
0.7000	-0.272			-0.275	-0.089	0.186	-0.268	-0.087	0.181				-0.257	-0.089	0.168	-0.272	-0.073	0.199	-0.661	-0.017	0.644	0.7000
0.8000	-0.181	-0.096	0.085	-0.179	-0.091	0.089	-0.186	-0.086	0.100				-0.188	-0.077	0.111	-0.200	-0.054	0.146	-0.480	-0.003	0.477	0.8000
0.9000	-0.100	-0.046	0.054	-0.092	-0.038	0.054	-0.088	-0.033	0.056				-0.058	-0.017	0.041	-0.013	-0.016	-0.003	-0.203	0.021	0.223	0.9000
1.0000	-0.030	0.041	0.070	-0.014	0.068	0.082	0.025	0.073	0.048				0.133	0.092	-0.041	0.289	0.040	-0.249	0.171	0.055	-0.117	1.0000
	M = 0.998 α = 03.83																					
0.0000	-0.140	0.281	0.421	-0.301	0.248	0.549	-0.395	0.249	0.644				-0.506	0.236	0.743	-0.608	0.208	0.816	-0.639	0.140		0.0000
0.0125	-0.186	0.216	0.401	-0.350	0.194	0.544	-0.457	0.194	0.650	-0.493	0.203	0.696	-0.536	0.191	0.727	-0.600	0.170	0.770	-0.639			0.0125
0.0250	-0.208	0.168	0.375	-0.349	0.154	0.503	-0.446	0.152	0.598	-0.532	0.160	0.693	-0.537	0.155	0.692		0.142		-0.640			0.0250
0.0420																				0.098		0.0420
0.0500	-0.181	0.122	0.304	-0.196	0.116	0.312	-0.205	0.113	0.318		0.114		-0.454	0.114	0.568	-0.599	0.112	0.711	-0.643			0.0500
0.0640																				0.078		0.0640
0.0750	-0.149	0.098	0.246	-0.184	0.096	0.280	-0.199	0.088	0.287	-0.241			-0.282	0.090	0.372	-0.617	0.068	0.685	-0.649			0.0750
0.0810																				0.063		0.0810
0.1000	-0.144	0.085	0.229	-0.158	0.081	0.239	-0.209	0.074	0.283	-0.222	0.074	0.296	-0.244	0.070	0.314	-0.617	0.048	0.665	-0.657	0.052	0.708	0.1000
0.1500	-0.137	0.070	0.207	-0.171	0.062	0.234	-0.181	0.049	0.230	-0.208	0.051	0.259	-0.222	0.043	0.265	-0.586	0.021	0.607	-0.658	0.035	0.693	0.1500
0.2000	-0.142	0.054	0.197	-0.162	0.049	0.211	-0.175	0.038	0.213	-0.200			-0.213	0.024	0.237	-0.521	0.005	0.525	-0.658	0.011	0.669	0.2000
0.3000	-0.156	0.021	0.177	-0.171	0.019	0.190	-0.186	0.009	0.195				-0.216	0.000	0.216	-0.361	-0.023	0.337	-0.664	-0.019	0.646	0.3000
0.4000	-0.180	-0.010	0.169	-0.182	-0.009	0.173	-0.205	-0.017	0.188				-0.227	-0.025	0.202	-0.271	-0.041	0.229	-0.683	-0.047	0.636	0.4000
0.5000	-0.196	-0.027	0.169	-0.206	-0.036	0.170	-0.219	-0.044	0.175				-0.245	-0.046	0.199	-0.270	-0.049	0.221	-0.689	-0.061	0.627	0.5000
0.6000		-0.056		-0.229	-0.060	0.169	-0.239	-0.065	0.174				-0.245	-0.060	0.185	-0.273	-0.059	0.214	-0.692	-0.068	0.623	0.6000
0.7000	-0.250			-0.259	-0.073	0.187	-0.262	-0.073	0.190				-0.261	-0.077	0.184	-0.280	-0.083	0.197	-0.667	-0.078	0.589	0.7000
0.8000	-0.198	-0.096	0.102	-0.201	-0.091	0.110	-0.210	-0.094	0.116				-0.219	-0.094	0.126	-0.277	-0.100	0.177	-0.605	-0.087	0.518	0.8000
0.9000	-0.199	-0.102	0.098	-0.198	-0.096	0.102	-0.206	-0.101	0.105				-0.208	-0.093	0.115	-0.243	-0.102	0.141	-0.496	-0.077	0.420	0.9000
1.0000	-0.253	-0.097	0.156	-0.251	-0.089	0.162	-0.249	-0.094	0.155				-0.226	-0.075	0.151	-0.177	-0.088	0.088	-0.341	-0.048	0.293	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	Cp_u	Cp_l	ΔCp	Cp_u	Cp_l	ΔCp	Cp_u	Cp_l	ΔCp	Cp_u	Cp_l	ΔCp	Cp_u	Cp_l	ΔCp	Cp_u	Cp_l	ΔCp	Cp_u	Cp_l	ΔCp	
										M = 1.049		α = 03.83										
0.0000	-0.107	0.296	0.403	-0.295	0.240	0.535	-0.374	0.247	0.622				-0.488	0.227	0.715	-0.567	0.211	0.779	-0.580	0.132		0.0000
0.0125	-0.156	0.227	0.383	-0.345	0.189	0.533	-0.452	0.184	0.636	-0.478	0.190	0.668	-0.509	0.174	0.683	-0.565	0.179	0.744	-0.584			0.0125
0.0250	-0.185	0.176	0.360	-0.344	0.149	0.493	-0.451	0.138	0.589	-0.498	0.143	0.641	-0.512	0.133	0.646		0.151		-0.586			0.0250
0.0420																				0.116		0.0420
0.0500	-0.181	0.124	0.304	-0.193	0.106	0.298	-0.212	0.098	0.309		0.095		-0.464	0.089	0.553	-0.568	0.109	0.677	-0.589			0.0500
0.0640																				0.104		0.0640
0.0750	-0.155	0.095	0.249	-0.179	0.085	0.264	-0.190	0.071	0.261	-0.237			-0.281	0.064	0.345	-0.578	0.099	0.677	-0.591			0.0750
0.0810																				0.092		0.0810
0.1000	-0.150	0.076	0.225	-0.168	0.067	0.235	-0.207	0.055	0.262	-0.229	0.053	0.282	-0.247	0.046	0.293	-0.565	0.071	0.636	-0.599	0.078	0.677	0.1000
0.1500	-0.136	0.057	0.193	-0.176	0.046	0.222	-0.180	0.030	0.210	-0.211	0.024	0.235	-0.223	0.024	0.247	-0.499	0.053	0.551	-0.603	0.065	0.668	0.1500
0.2000	-0.153	0.036	0.189	-0.157	0.033	0.190	-0.183	0.015	0.197	-0.188			-0.213	0.016	0.228	-0.437	0.023	0.460	-0.602	0.045	0.647	0.2000
0.3000	-0.156	-0.001	0.155	-0.170	0.001	0.170	-0.184	-0.002	0.182				-0.202	0.002	0.204	-0.316	-0.003	0.314	-0.601	0.018	0.619	0.3000
0.4000	-0.173	-0.020	0.153	-0.173	-0.015	0.158	-0.186	-0.017	0.169				-0.202	-0.006	0.196	-0.256	-0.019	0.237	-0.607	-0.002	0.605	0.4000
0.5000	-0.178	-0.018	0.160	-0.179	-0.020	0.159	-0.189	-0.023	0.166				-0.209	-0.029	0.180	-0.236	-0.024	0.213	-0.615	-0.015	0.600	0.5000
0.6000		-0.033		-0.192	-0.038	0.153	-0.200	-0.044	0.156				-0.210	-0.036	0.174	-0.240	-0.037	0.203	-0.596	-0.023	0.573	0.6000
0.7000	-0.203			-0.211	-0.047	0.163	-0.215	-0.048	0.168				-0.218	-0.053	0.165	-0.238	-0.049	0.189	-0.562	-0.030	0.532	0.7000
0.8000	-0.170	-0.065	0.105	-0.172	-0.062	0.111	-0.184	-0.062	0.122				-0.198	-0.061	0.137	-0.246	-0.057	0.188	-0.520	-0.034	0.486	0.8000
0.9000	-0.161	-0.064	0.097	-0.159	-0.060	0.098	-0.168	-0.065	0.103				-0.168	-0.055	0.113	-0.214	-0.050	0.165	-0.428	-0.029	0.399	0.9000
1.0000	-0.175	-0.051	0.124	-0.170	-0.043	0.127	-0.167	-0.056	0.111				-0.125	-0.034	0.092	-0.143	-0.026	0.117	-0.285	-0.016	0.270	1.0000
										M = 1.102		α = 03.88										
0.0000	0.013	0.355	0.342	-0.171	0.325	0.495	-0.255	0.338	0.593				-0.379	0.313	0.692	-0.505	0.264	0.770	-0.498	0.219		0.0000
0.0125	-0.040	0.294	0.334	-0.195	0.279	0.473	-0.306	0.279	0.585	-0.357	0.282	0.639	-0.404	0.263	0.667	-0.500	0.238	0.738	-0.501			0.0125
0.0250	-0.070	0.249	0.319	-0.187	0.245	0.432	-0.299	0.235	0.534	-0.373	0.236	0.608	-0.408	0.225	0.634		0.215		-0.504			0.0250
0.0420																				0.177		0.0420
0.0500	-0.059	0.207	0.266	-0.077	0.212	0.289	-0.107	0.195	0.302		0.195		-0.355	0.183	0.538	-0.500	0.177	0.677	-0.507			0.0500
0.0640																				0.157		0.0640
0.0750	-0.036	0.189	0.226	-0.063	0.193	0.256	-0.087	0.171	0.259	-0.139			-0.183	0.159	0.341	-0.516	0.148	0.664	-0.510			0.0750
0.0810																				0.143		0.0810
0.1000	-0.040	0.181	0.220	-0.057	0.172	0.229	-0.106	0.154	0.260	-0.137	0.148	0.286	-0.159	0.140	0.300	-0.509	0.129	0.637	-0.513	0.129	0.642	0.1000
0.1500	-0.019	0.169	0.188	-0.072	0.151	0.223	-0.088	0.130	0.218	-0.123	0.123	0.246	-0.148	0.113	0.261	-0.458	0.103	0.561	-0.512	0.113	0.625	0.1500
0.2000	-0.059	0.146	0.206	-0.061	0.135	0.197	-0.100	0.112	0.212	-0.117			-0.142	0.099	0.240	-0.390	0.083	0.473	-0.512	0.091	0.603	0.2000
0.3000	-0.074	0.101	0.175	-0.094	0.098	0.192	-0.118	0.085	0.202				-0.145	0.073	0.218	-0.225	0.052	0.277	-0.516	0.067	0.583	0.3000
0.4000	-0.106	0.068	0.174	-0.111	0.068	0.180	-0.130	0.056	0.186				-0.149	0.056	0.206	-0.183	0.033	0.215	-0.529	0.049	0.578	0.4000
0.5000	-0.122	0.050	0.171	-0.120	0.043	0.163	-0.137	0.035	0.172				-0.154	0.028	0.183	-0.168	0.027	0.195	-0.528	0.039	0.567	0.5000
0.6000		0.024		-0.135	0.016	0.150	-0.145	0.006	0.152				-0.150	0.010	0.160	-0.166	0.013	0.179	-0.515	0.035	0.550	0.6000
0.7000	-0.134			-0.138	0.000	0.138	-0.142	-0.001	0.141				-0.142	-0.002	0.140	-0.157	0.002	0.159	-0.493	0.035	0.528	0.7000
0.8000	-0.092	-0.018	0.074	-0.093	-0.013	0.079	-0.105	-0.017	0.088				-0.119	-0.012	0.107	-0.167	-0.007	0.160	-0.432	0.032	0.464	0.8000
0.9000	-0.072	-0.017	0.055	-0.071	-0.010	0.061	-0.085	-0.015	0.070				-0.085	-0.002	0.083	-0.120	0.002	0.122	-0.354	0.038	0.392	0.9000
1.0000	-0.074	-0.001	0.073	-0.074	0.009	0.084	-0.081	0.005	0.086				-0.040	0.028	0.069	-0.014	0.031	0.045	-0.257	0.054	0.310	1.0000
										M = 1.299		α = -04.03										
0.0000	0.345	-0.177	-0.522	0.237	-0.223	-0.460	0.208	-0.260	-0.468				0.261	-0.331	-0.592	0.238	-0.414	-0.652	0.261	-0.473		0.0000
0.0125	0.225	-0.131	-0.357	0.181	-0.205	-0.386	0.177	-0.263	-0.441	0.186	-0.280	-0.466	0.198	-0.325	-0.523	0.209	-0.409	-0.617	0.210			0.0125
0.0250	0.144	-0.102	-0.246	0.142	-0.186	-0.328	0.149	-0.256	-0.405	0.154	-0.282	-0.436	0.152	-0.322	-0.474		-0.406		0.175			0.0250
0.0420																				-0.456		0.0420
0.0500	0.101	-0.090	-0.190	0.116	-0.144	-0.260	0.102	-0.210	-0.313		-0.274		0.111	-0.327	-0.438	0.142	-0.407	-0.549	0.147			0.0500
0.0640																				-0.452		0.0640
0.0750	0.097	-0.094	-0.190	0.092	-0.107	-0.199	0.087	-0.111	-0.199	0.065			0.093	-0.159	-0.252	0.114	-0.409	-0.523	0.125			0.0750
0.0810																				-0.451		0.0810
0.1000	0.079	-0.082	-0.161	0.074	-0.102	-0.176	0.073	-0.118	-0.191	0.085	-0.140	-0.224	0.077	-0.124	-0.201	0.089	-0.385	-0.474	0.112	-0.455	-0.567	0.1000
0.1500	0.064	-0.084	-0.147	0.053	-0.086	-0.138	0.065	-0.117	-0.182	0.063	-0.110	-0.173	0.069	-0.124	-0.193	0.076	-0.280	-0.356	0.098	-0.458	-0.556	0.1500
0.2000	0.041	-0.074	-0.115	0.071	-0.081	-0.152	0.056	-0.083	-0.138	0.052			0.062	-0.137	-0.198	0.053	-0.235	-0.288	0.081	-0.455	-0.536	0.2000
0.3000	0.046	-0.085	-0.131	0.045	-0.080	-0.124	0.046	-0.107	-0.153				0.036	-0.119	-0.155	0.049	-0.193	-0.242	0.061	-0.430	-0.491	0.3000
0.4000	0.039	-0.097	-0.136	0.036	-0.100	-0.137	0.027	-0.110	-0.138				0.026	-0.125	-0.151	0.038	-0.179	-0.216	0.045	-0.396	-0.441	0.4000
0.5000	0.022	-0.105	-0.126	0.026	-0.114	-0.139	0.017	-0.113	-0.129				0.024	-0.124	-0.148	0.023	-0.163	-0.187	0.036	-0.359	-0.395	0.5000
0.6000		-0.113		0.020	-0.115	-0.134	0.015	-0.126	-0.140				0.014	-0.134	-0.148	0.020	-0.169	-0.189	0.022	-0.314	-0.336	0.6000
0.7000	0.011			0.011	-0.122	-0.132	0.016	-0.119	-0.135				0.033	-0.131	-0.164	0.021	-0.166	-0.187	0.018	-0.275	-0.292	0.7000
0.8000	0.021	-0.133	-0.154	0.015	-0.129	-0.144	0.003	-0.128	-0.131				0.003	-0.125	-0.128	0.017	-0.154	-0.171	0.016	-0.254	-0.270	0.8000
0.9000	0.052	-0.104	-0.156	0.056	-0.103	-0.158	0.048	-0.115	-0.162				0.049	-0.124	-0.173	0.011	-0.152	-0.163	0.012	-0.173	-0.184	0.9000
1.0000	0.106	-0.048	-0.154	0.134	-0.042	-0.176	0.149	-0.081	-0.230				0.171	-0.129	-0.300	0.003	-0.158	-0.161	0.006	-0.030	-0.037	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 1.304			α = -00.15										
0.0000	0.171	0.083	-0.088	0.053	0.069	0.015	0.031	0.043	0.012				0.026	0.038	0.012	0.008	0.033	0.025	-0.064	-0.121		0.0000
0.0125	0.090	0.065	-0.025	0.016	0.034	0.018	0.012	0.014	0.001	-0.005	0.006	0.012	0.004	0.010	0.006	-0.014	-0.004	0.009	-0.066			0.0125
0.0250	0.033	0.048	0.015	-0.007	0.009	0.016	-0.004	-0.007	-0.004	-0.016	0.005	0.021	-0.013	-0.012	0.001		-0.030			-0.071		0.0250
0.0420																				-0.085		0.0420
0.0500	-0.009	0.018	0.027	-0.012	-0.011	0.002	-0.029	-0.024	0.005		-0.012		-0.030	-0.035	-0.006	-0.058	-0.048	0.011	-0.092			0.0500
0.0640																				-0.080		0.0640
0.0750	-0.007	-0.006	0.001	-0.022	-0.018	0.004	-0.033	-0.026	0.007	-0.031			-0.041	-0.037	0.004	-0.072	-0.056	0.016	-0.100			0.0750
0.0810																				-0.083		0.0810
0.1000	-0.015	-0.011	0.004	-0.026	-0.023	0.002	-0.041	-0.022	0.019	-0.036	-0.037	-0.001	-0.050	-0.028	0.022	-0.075	-0.060	0.015	-0.101	-0.083	0.017	0.1000
0.1500	-0.027	-0.017	0.010	-0.036	-0.025	0.011	-0.035	-0.034	0.001	-0.038	-0.037	0.001	-0.051	-0.024	0.027	-0.079	-0.064	0.016	-0.100	-0.084	0.017	0.1500
0.2000	-0.039	-0.026	0.014	-0.025	-0.016	0.009	-0.026	-0.031	-0.005	-0.044			-0.041	-0.043	-0.002	-0.083	-0.060	0.022	-0.102	-0.093	0.009	0.2000
0.3000	-0.028	-0.026	0.002	-0.037	-0.018	0.020	-0.043	-0.036	0.007				-0.055	-0.039	0.016	-0.078	-0.068	0.010	-0.098	-0.100	-0.002	0.3000
0.4000	-0.037	-0.036	0.001	-0.036	-0.038	-0.002	-0.050	-0.045	0.005				-0.051	-0.060	-0.009	-0.065	-0.074	-0.009	-0.107	-0.104	0.003	0.4000
0.5000	-0.051	-0.044	0.007	-0.038	-0.056	-0.019	-0.051	-0.059	-0.009				-0.068	-0.053	0.016	-0.070	-0.069	0.001	-0.106	-0.104	0.003	0.5000
0.6000		-0.061		-0.061	-0.060	0.001	-0.061	-0.065	-0.004				-0.057	-0.071	-0.014	-0.076	-0.078	-0.002	-0.104	-0.101	0.003	0.6000
0.7000	-0.048			-0.046	-0.068	-0.022	-0.046	-0.061	-0.015				-0.056	-0.069	-0.014	-0.081	-0.088	-0.007	-0.103	-0.104	-0.001	0.7000
0.8000	-0.059	-0.083	-0.024	-0.061	-0.083	-0.022	-0.059	-0.081	-0.023				-0.073	-0.079	-0.006	-0.083	-0.087	-0.003	-0.098	-0.103	-0.004	0.8000
0.9000	-0.017	-0.071	-0.055	-0.017	-0.073	-0.056	-0.031	-0.078	-0.048				-0.043	-0.079	-0.036	-0.084	-0.083	0.001	-0.095	-0.084	0.011	0.9000
1.0000	0.078	-0.045	-0.123	0.086	-0.038	-0.124	0.038	-0.052	-0.090				0.034	-0.069	-0.103	-0.082	-0.076	0.005	-0.093	-0.050	0.044	1.0000
									M = 1.304			α = 03.69										
0.0000	-0.133	0.261	0.394	-0.264	0.239	0.503	-0.274	0.243	0.517				-0.350	0.240	0.589	-0.416	0.246	0.662	-0.448	0.177		0.0000
0.0125	-0.113	0.208	0.321	-0.231	0.183	0.413	-0.294	0.177	0.471	-0.325	0.197	0.523	-0.341	0.184	0.525	-0.417	0.207	0.624	-0.447			0.0125
0.0250	-0.104	0.166	0.270	-0.200	0.141	0.341	-0.283	0.131	0.415	-0.333	0.152	0.485	-0.336	0.143	0.478		0.176		-0.446			0.0250
0.0420																				0.150		0.0420
0.0500	-0.120	0.117	0.237	-0.145	0.103	0.248	-0.173	0.097	0.270		0.114		-0.334	0.101	0.435	-0.422	0.143	0.566	-0.445			0.0500
0.0640																				0.134		0.0640
0.0750	-0.114	0.082	0.196	-0.132	0.083	0.215	-0.153	0.075	0.228	-0.149			-0.204	0.090	0.294	-0.427	0.110	0.537	-0.446			0.0750
0.0810																				0.119		0.0810
0.1000	-0.107	0.071	0.179	-0.125	0.069	0.194	-0.149	0.071	0.219	-0.148	0.069	0.216	-0.165	0.090	0.255	-0.398	0.096	0.495	-0.449	0.108	0.557	0.1000
0.1500	-0.105	0.057	0.162	-0.115	0.058	0.172	-0.114	0.048	0.162	-0.142	0.063	0.205	-0.155	0.068	0.223	-0.296	0.081	0.377	-0.455	0.097	0.552	0.1500
0.2000	-0.104	0.041	0.145	-0.093	0.063	0.157	-0.106	0.046	0.152	-0.136			-0.129	0.044	0.172	-0.239	0.070	0.309	-0.451	0.078	0.529	0.2000
0.3000	-0.095	0.039	0.134	-0.110	0.052	0.162	-0.113	0.039	0.152				-0.142	0.042	0.184	-0.193	0.030	0.223	-0.418	0.053	0.471	0.3000
0.4000	-0.100	0.027	0.128	-0.106	0.028	0.134	-0.123	0.025	0.148				-0.125	0.020	0.145	-0.169	0.031	0.199	-0.400	0.040	0.439	0.4000
0.5000	-0.115	0.017	0.132	-0.110	0.009	0.119	-0.119	0.013	0.131				-0.143	0.013	0.155	-0.158	0.018	0.176	-0.369	0.018	0.387	0.5000
0.6000		0.003		-0.122	0.003	0.124	-0.128	-0.002	0.126				-0.125	0.003	0.127	-0.154	0.006	0.160	-0.351	0.016	0.367	0.6000
0.7000	-0.105			-0.106	-0.006	0.101	-0.115	-0.002	0.114				-0.128	-0.011	0.117	-0.153	0.005	0.157	-0.317	0.016	0.333	0.7000
0.8000	-0.125	-0.023	0.102	-0.123	-0.018	0.105	-0.123	-0.012	0.111				-0.135	-0.001	0.134	-0.160	-0.007	0.153	-0.267	0.020	0.287	0.8000
0.9000	-0.081	-0.009	0.072	-0.084	-0.012	0.072	-0.102	-0.022	0.080				-0.127	-0.024	0.104	-0.147	-0.001	0.147	-0.210	0.023	0.233	0.9000
1.0000	0.029	0.023	-0.005	0.011	0.013	0.002	-0.054	-0.034	0.020				-0.105	-0.079	0.026	-0.114	0.024	0.138	-0.146	0.025	0.172	1.0000
									M = 1.299			α = 07.86										
0.0000	-0.274	0.370	0.643	-0.483	0.320	0.803	-0.523	0.308	0.831				-0.491	0.285	0.777	-0.474	0.256	0.729	-0.482	0.209		0.0000
0.0125	-0.406	0.326	0.732	-0.484	0.292	0.776	-0.516	0.277	0.793	-0.498	0.286	0.785	-0.487	0.276	0.763	-0.475	0.268	0.743	-0.488			0.0125
0.0250	-0.439	0.289	0.728	-0.484	0.267	0.751	-0.515	0.252	0.767	-0.505	0.263	0.768	-0.485	0.265	0.750		0.271		-0.490			0.0250
0.0420																				0.258		0.0420
0.0500	-0.208	0.237	0.445	-0.480	0.227	0.707	-0.532	0.219	0.751		0.222		-0.488	0.238	0.726	-0.477	0.251	0.729	-0.488			0.0500
0.0640																				0.259		0.0640
0.0750	-0.195	0.201	0.396	-0.428	0.202	0.630	-0.504	0.198	0.701	-0.501			-0.498	0.217	0.714	-0.478	0.232	0.710	-0.489			0.0750
0.0810																				0.249		0.0810
0.1000	-0.196	0.188	0.385	-0.322	0.182	0.505	-0.454	0.182	0.637	-0.495	0.197	0.692	-0.506	0.193	0.698	-0.481	0.213	0.694	-0.492	0.241	0.733	0.1000
0.1500	-0.177	0.163	0.340	-0.183	0.162	0.345	-0.271	0.166	0.437	-0.464	0.180	0.644	-0.485	0.166	0.651	-0.491	0.185	0.676	-0.493	0.228	0.721	0.1500
0.2000	-0.170	0.148	0.317	-0.165	0.162	0.327	-0.159	0.161	0.320	-0.389			-0.483	0.164	0.648	-0.499	0.175	0.674	-0.494	0.215	0.709	0.2000
0.3000	-0.156	0.140	0.296	-0.159	0.148	0.307	-0.170	0.136	0.306				-0.338	0.130	0.468	-0.512	0.151	0.663	-0.494	0.191	0.685	0.3000
0.4000	-0.164	0.115	0.279	-0.165	0.121	0.286	-0.178	0.109	0.287				-0.146	0.126	0.272	-0.527	0.144	0.671	-0.501	0.164	0.665	0.4000
0.5000	-0.178	0.104	0.282	-0.179	0.102	0.281	-0.186	0.102	0.287				-0.169	0.106	0.275	-0.542	0.136	0.678	-0.511	0.147	0.658	0.5000
0.6000		0.101		-0.174	0.095	0.270	-0.182	0.095	0.277				-0.180	0.095	0.275	-0.542	0.132	0.675	-0.523	0.126	0.650	0.6000
0.7000	-0.168			-0.171	0.093	0.263	-0.173	0.099	0.272				-0.173	0.112	0.284	-0.514	0.121	0.634	-0.533	0.119	0.652	0.7000
0.8000	-0.176	0.101	0.277	-0.182	0.105	0.287	-0.190	0.099	0.289				-0.200	0.096	0.295	-0.361	0.101	0.462	-0.538	0.102	0.640	0.8000
0.9000	-0.136	0.066	0.202	-0.140	0.065	0.205	-0.156	0.059	0.215				-0.174	0.059	0.234	-0.138	0.067	0.205	-0.541	0.104	0.645	0.9000
1.0000	-0.048	0.008	0.056	-0.046	-0.028	0.018	-0.070	-0.021	0.049				-0.097	0.002	0.099	0.158	0.020	-0.138	-0.542	0.124	0.667	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
										M = 1.299		α = 11.69										
0.0000	-0.506	0.447	0.952	-0.589	0.371	0.960	-0.575	0.338	0.913				-0.535	0.309	0.844	-0.531	0.247	0.778	-0.534	0.214		0.0000
0.0125	-0.551	0.430	0.981	-0.581	0.376	0.958	-0.572	0.349	0.921	-0.559	0.330	0.889	-0.531	0.336	0.868	-0.526	0.296	0.822	-0.537			0.0125
0.0250	-0.579	0.411	0.990	-0.581	0.373	0.953	-0.571	0.351	0.922	-0.558	0.352	0.910	-0.530	0.350	0.879		0.327		-0.539			0.0250
0.0420																				0.309		0.0420
0.0500	-0.577	0.368	0.945	-0.600	0.336	0.936	-0.576	0.325	0.902		0.341		-0.534	0.334	0.868	-0.521	0.334	0.856	-0.539			0.0500
0.0640																				0.324		0.0640
0.0750	-0.358	0.331	0.689	-0.615	0.318	0.933	-0.600	0.304	0.904	-0.561			-0.542	0.326	0.868	-0.526	0.334	0.861	-0.538			0.0750
0.0810																				0.319		0.0810
0.1000	-0.243	0.303	0.546	-0.603	0.292	0.895	-0.609	0.292	0.901	-0.592	0.314	0.906	-0.557	0.312	0.869	-0.530	0.323	0.853	-0.539	0.315	0.855	0.1000
0.1500	-0.230	0.274	0.504	-0.465	0.263	0.728	-0.610	0.282	0.891	-0.617	0.300	0.916	-0.594	0.281	0.875	-0.541	0.310	0.851	-0.541	0.308	0.849	0.1500
0.2000	-0.212	0.250	0.462	-0.195	0.275	0.469	-0.593	0.268	0.861	-0.627			-0.617	0.262	0.879	-0.551	0.293	0.845	-0.544	0.294	0.837	0.2000
0.3000	-0.198	0.248	0.446	-0.196	0.245	0.441	-0.208	0.237	0.444				-0.630	0.242	0.872	-0.575	0.279	0.854	-0.546	0.272	0.818	0.3000
0.4000	-0.210	0.212	0.422	-0.211	0.217	0.427	-0.206	0.215	0.421				-0.558	0.230	0.788	-0.616	0.264	0.879	-0.560	0.253	0.813	0.4000
0.5000	-0.219	0.205	0.425	-0.216	0.207	0.423	-0.216	0.207	0.422				-0.278	0.216	0.492	-0.643	0.246	0.889	-0.568	0.241	0.809	0.5000
0.6000		0.203		-0.219	0.205	0.424	-0.219	0.216	0.434				-0.204	0.227	0.430	-0.639	0.218	0.858	-0.573	0.231	0.804	0.6000
0.7000	-0.211			-0.218	0.210	0.428	-0.214	0.202	0.416				-0.203	0.188	0.391	-0.638	0.196	0.834	-0.574	0.222	0.796	0.7000
0.8000	-0.210	0.159	0.369	-0.219	0.165	0.384	-0.225	0.159	0.384				-0.220	0.155	0.376	-0.655	0.185	0.840	-0.582	0.205	0.788	0.8000
0.9000	-0.177	0.153	0.330	-0.187	0.159	0.346	-0.198	0.154	0.352				-0.206	0.160	0.366	-0.643	0.163	0.805	-0.506	0.197	0.703	0.9000
1.0000	-0.112	0.158	0.270	-0.122	0.191	0.313	-0.133	0.186	0.319				-0.159	0.202	0.361	-0.601	0.130	0.731	-0.343	0.198	0.541	1.0000
										M = 1.300		α = 15.77										
0.0000	-0.619	0.496	1.116	-0.654	0.385	1.039	-0.631	0.328	0.960				-0.588	0.281	0.869	-0.580	0.218	0.798	-0.588	0.221		0.0000
0.0125	-0.642	0.516	1.158	-0.649	0.432	1.080	-0.625	0.387	1.012	-0.604	0.360	0.964	-0.581	0.357	0.938	-0.579	0.308	0.887	-0.593			0.0125
0.0250	-0.659	0.521	1.180	-0.647	0.457	1.104	-0.622	0.422	1.044	-0.603	0.418	1.021	-0.577	0.404	0.981		0.367		-0.596			0.0250
0.0420																				0.337		0.0420
0.0500	-0.673	0.484	1.157	-0.657	0.442	1.099	-0.624	0.419	1.043		0.432		-0.581	0.413	0.994	-0.579	0.392	0.971	-0.598			0.0500
0.0640																				0.363		0.0640
0.0750	-0.646	0.449	1.095	-0.681	0.422	1.102	-0.637	0.408	1.045	-0.606			-0.585	0.413	0.998	-0.583	0.407	0.990	-0.599			0.0750
0.0810																				0.367		0.0810
0.1000	-0.546	0.421	0.967	-0.681	0.398	1.079	-0.671	0.405	1.076	-0.631	0.412	1.044	-0.594	0.403	0.997	-0.587	0.401	0.989	-0.599	0.375	0.974	0.1000
0.1500	-0.335	0.382	0.718	-0.656	0.381	1.037	-0.683	0.385	1.068	-0.676	0.391	1.068	-0.650	0.383	1.033	-0.596	0.386	0.982	-0.599	0.378	0.976	0.1500
0.2000	-0.288	0.362	0.650	-0.523	0.380	0.903	-0.690	0.368	1.058	-0.680			-0.671	0.372	1.043	-0.600	0.371	0.970	-0.604	0.378	0.982	0.2000
0.3000	-0.262	0.340	0.602	-0.321	0.342	0.663	-0.556	0.345	0.901				-0.670	0.373	1.043	-0.608	0.352	0.959	-0.600	0.365	0.965	0.3000
0.4000	-0.274	0.315	0.589	-0.293	0.339	0.632	-0.383	0.353	0.736				-0.680	0.333	1.013	-0.676	0.335	1.011	-0.606	0.351	0.957	0.4000
0.5000	-0.272	0.326	0.599	-0.284	0.314	0.598	-0.312	0.307	0.619				-0.624	0.299	0.923	-0.675	0.329	1.004	-0.606	0.333	0.939	0.5000
0.6000		0.282		-0.282	0.279	0.561	-0.296	0.282	0.578				-0.538	0.286	0.825	-0.669	0.327	0.996	-0.603	0.317	0.920	0.6000
0.7000	-0.236			-0.263	0.271	0.534	-0.281	0.277	0.558				-0.436	0.289	0.725	-0.664	0.301	0.965	-0.608	0.308	0.916	0.7000
0.8000	-0.278	0.256	0.534	-0.283	0.271	0.553	-0.293	0.273	0.566				-0.376	0.270	0.646	-0.671	0.278	0.950	-0.617	0.297	0.913	0.8000
0.9000	-0.223	0.242	0.465	-0.233	0.254	0.487	-0.257	0.250	0.507				-0.305	0.251	0.557	-0.670	0.261	0.931	-0.639	0.294	0.933	0.9000
1.0000	-0.071	0.228	0.298	-0.114	0.221	0.336	-0.173	0.209	0.382				-0.225	0.233	0.458	-0.660	0.249	0.909	-0.675	0.300	0.974	1.0000
										M = 1.502		α = 03.78										
0.0000	-0.109	0.245	0.354	-0.224	0.187	0.411	-0.263	0.282	0.545				-0.247	0.229	0.477	-0.382	0.247	0.630	-0.468	0.084		0.0000
0.0125	-0.106	0.196	0.303	-0.197	0.169	0.366	-0.250	0.224	0.474	-0.226	0.200	0.427	-0.273	0.195	0.468	-0.366	0.208	0.574	-0.442			0.0125
0.0250	-0.105	0.160	0.265	-0.176	0.151	0.326	-0.236	0.181	0.417	-0.269	0.187	0.456	-0.286	0.169	0.455		0.177		-0.426			0.0250
0.0420																				0.155		0.0420
0.0500	-0.107	0.125	0.232	-0.151	0.112	0.263	-0.205	0.138	0.343		0.135		-0.277	0.143	0.420	-0.342	0.144	0.486	-0.419			0.0500
0.0640																				0.152		0.0640
0.0750	-0.110	0.096	0.206	-0.123	0.104	0.227	-0.139	0.103	0.242	-0.142			-0.256	0.114	0.370	-0.345	0.125	0.470	-0.415			0.0750
0.0810																				0.132		0.0810
0.1000	-0.102	0.087	0.189	-0.111	0.093	0.204	-0.119	0.089	0.208	-0.122	0.093	0.215	-0.176	0.098	0.275	-0.347	0.113	0.460	-0.415	0.126	0.541	0.1000
0.1500	-0.089	0.077	0.166	-0.090	0.084	0.174	-0.086	0.065	0.152	-0.109	0.081	0.190	-0.121	0.077	0.198	-0.299	0.083	0.382	-0.414	0.110	0.524	0.1500
0.2000	-0.073	0.066	0.139	-0.065	0.066	0.132	-0.085	0.064	0.149	-0.096			-0.110	0.060	0.171	-0.212	0.073	0.285	-0.417	0.084	0.501	0.2000
0.3000	-0.064	0.046	0.109	-0.062	0.051	0.113	-0.090	0.055	0.144				-0.109	0.054	0.162	-0.164	0.060	0.224	-0.367	0.055	0.422	0.3000
0.4000	-0.074	0.033	0.107	-0.079	0.042	0.121	-0.092	0.035	0.127				-0.100	0.039	0.139	-0.135	0.048	0.183	-0.298	0.043	0.341	0.4000
0.5000	-0.085	0.029	0.115	-0.087	0.029	0.116	-0.100	0.030	0.129				-0.106	0.028	0.134	-0.140	0.027	0.167	-0.262	0.037	0.299	0.5000
0.6000		0.019		-0.093	0.015	0.108	-0.100	0.017	0.117				-0.104	0.028	0.131	-0.141	0.026	0.167	-0.215	0.030	0.245	0.6000
0.7000	-0.074			-0.086	0.021	0.107	-0.101	0.019	0.120				-0.105	0.022	0.127	-0.130	0.028	0.158	-0.197	0.024	0.221	0.7000
0.8000	-0.112	0.008	0.120	-0.095	0.014	0.108	-0.113	0.017	0.130				-0.106	0.015	0.120	-0.130	0.017	0.147	-0.176	0.018	0.194	0.8000
0.9000	-0.080	0.012	0.091	-0.083	0.010	0.093	-0.104	0.006	0.110				-0.112	0.015	0.127	-0.129	0.006	0.135	-0.173	0.023	0.196	0.9000
1.0000	0.023	0.021	-0.002	-0.051	0.011	0.062	-0.075	-0.015	0.060				-0.124	0.023	0.147	-0.127	-0.005	0.123	-0.187	0.040	0.226	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
										M = 1.699		α = 03.73										
0.0000	-0.045	0.239	0.283	-0.115	0.231	0.346	-0.187	0.215	0.402				-0.190	0.201	0.392	-0.277	0.157	0.435	-0.286	0.136		0.0000
0.0125	-0.055	0.197	0.252	-0.118	0.194	0.313	-0.170	0.184	0.354	-0.187	0.161	0.349	-0.208	0.180	0.387	-0.273	0.183	0.456	-0.304			0.0125
0.0250	-0.061	0.165	0.225	-0.117	0.165	0.282	-0.157	0.160	0.317	-0.207	0.180	0.387	-0.215	0.159	0.374		0.190		-0.313			0.0250
0.0420																				0.129		0.0420
0.0500	-0.061	0.126	0.187	-0.101	0.125	0.226	-0.145	0.130	0.275		0.108		-0.200	0.120	0.320	-0.258	0.151	0.409	-0.307			0.0500
0.0640																				0.122		0.0640
0.0750	-0.063	0.100	0.163	-0.097	0.103	0.199	-0.128	0.104	0.231	-0.163			-0.190	0.104	0.294	-0.247	0.110	0.358	-0.300			0.0750
0.0810																				0.115		0.0810
0.1000	-0.064	0.091	0.155	-0.093	0.085	0.178	-0.123	0.088	0.211	-0.152	0.076	0.228	-0.182	0.090	0.272	-0.246	0.086	0.331	-0.288	0.104	0.392	0.1000
0.1500	-0.072	0.072	0.144	-0.092	0.071	0.163	-0.113	0.073	0.186	-0.123	0.061	0.184	-0.147	0.073	0.210	-0.236	0.075	0.311	-0.280	0.086	0.366	0.1500
0.2000	-0.080	0.064	0.144	-0.091	0.067	0.157	-0.095	0.060	0.155	-0.102			-0.102	0.057	0.159	-0.243	0.062	0.305	-0.285	0.076	0.361	0.2000
0.3000	-0.071	0.042	0.113	-0.075	0.051	0.125	-0.083	0.038	0.121				-0.093	0.036	0.129	-0.197	0.030	0.227	-0.267	0.046	0.314	0.3000
0.4000	-0.074	0.025	0.099	-0.069	0.030	0.099	-0.086	0.029	0.114				-0.096	0.036	0.131	-0.136	0.026	0.163	-0.273	0.035	0.308	0.4000
0.5000	-0.083	0.028	0.111	-0.078	0.022	0.100	-0.085	0.026	0.111				-0.096	0.033	0.130	-0.124	0.028	0.152	-0.277	0.031	0.308	0.5000
0.6000		0.023		-0.083	0.023	0.107	-0.089	0.021	0.111				-0.096	0.028	0.123	-0.123	0.023	0.146	-0.278	0.021	0.300	0.6000
0.7000	-0.061			-0.085	0.018	0.103	-0.091	0.023	0.115				-0.093	0.018	0.111	-0.120	0.027	0.147	-0.248	0.023	0.272	0.7000
0.8000	-0.097	0.005	0.102	-0.096	0.003	0.099	-0.102	0.010	0.112				-0.094	0.012	0.106	-0.120	0.007	0.127	-0.208	0.024	0.231	0.8000
0.9000	-0.086	-0.012	0.074	-0.093	-0.008	0.085	-0.104	-0.008	0.096				-0.101	0.003	0.104	-0.119		0.119	-0.186	0.025	0.211	0.9000
1.0000	-0.030	-0.035	-0.005	-0.076	-0.015	0.061	-0.096	-0.030	0.066				-0.114	-0.010	0.104	-0.118	0.006	0.124	-0.183	0.028	0.211	1.0000
										M = 1.905		α = 03.98										
0.0000	-0.080	0.261	0.341	-0.125	0.249	0.374	-0.150	0.251	0.401				-0.145	0.239	0.384	-0.180	0.258	0.438	-0.155	0.180		0.0000
0.0125	-0.071	0.205	0.276	-0.108	0.200	0.308	-0.132	0.197	0.329	-0.164	0.220	0.384	-0.148	0.203	0.351	-0.174	0.212	0.387	-0.189			0.0125
0.0250	-0.065	0.164	0.229	-0.096	0.163	0.259	-0.120	0.159	0.279	-0.155	0.185	0.341	-0.147	0.174	0.321		0.178		-0.207			0.0250
0.0420																				0.149		0.0420
0.0500	-0.064	0.129	0.193	-0.087	0.120	0.207	-0.109	0.132	0.241		0.140		-0.135	0.135	0.271	-0.169	0.142	0.311	-0.197			0.0500
0.0640																				0.134		0.0640
0.0750	-0.059	0.104	0.162	-0.085	0.105	0.190	-0.102	0.116	0.218	-0.127			-0.132	0.117	0.249	-0.174	0.121	0.295	-0.200			0.0750
0.0810																				0.123		0.0810
0.1000	-0.058	0.100	0.159	-0.083	0.094	0.177	-0.102	0.104	0.206	-0.123	0.099	0.222	-0.129	0.105	0.234	-0.174	0.105	0.280	-0.194	0.115	0.309	0.1000
0.1500	-0.058	0.084	0.142	-0.077	0.086	0.163	-0.096	0.083	0.179	-0.117	0.081	0.198	-0.122	0.091	0.212	-0.177	0.083	0.260	-0.195	0.102	0.297	0.1500
0.2000	-0.059	0.075	0.134	-0.065	0.080	0.145	-0.075	0.090	0.165	-0.095			-0.118	0.076	0.194	-0.166	0.075	0.240	-0.208	0.086	0.295	0.2000
0.3000	-0.064	0.056	0.121	-0.053	0.067	0.120	-0.074	0.057	0.132				-0.077	0.061	0.138	-0.172	0.050	0.221	-0.184	0.065	0.249	0.3000
0.4000	-0.065	0.041	0.106	-0.064	0.044	0.108	-0.077	0.039	0.116				-0.084	0.035	0.119	-0.164	0.041	0.205	-0.190	0.048	0.238	0.4000
0.5000	-0.074	0.028	0.102	-0.071	0.026	0.097	-0.075	0.018	0.093				-0.084	0.027	0.110	-0.138	0.029	0.167	-0.198	0.035	0.233	0.5000
0.6000		0.015		-0.073	0.009	0.081	-0.078	0.009	0.087				-0.080	0.013	0.093	-0.108	0.018	0.126	-0.195	0.023	0.218	0.6000
0.7000	-0.049			-0.080	0.019	0.099	-0.078	0.024	0.102				-0.080	0.021	0.101	-0.104	0.017	0.121	-0.193	0.018	0.210	0.7000
0.8000	-0.088	0.002	0.090	-0.087	0.004	0.091	-0.083	0.008	0.091				-0.083	0.014	0.097	-0.104	0.011	0.116	-0.190	0.020	0.210	0.8000
0.9000	-0.078	-0.003	0.075	-0.079	0.001	0.079	-0.091	0.002	0.093				-0.083	0.008	0.091	-0.099	0.001	0.101	-0.185	0.026	0.211	0.9000
1.0000	-0.017	-0.006	0.011	-0.054	0.009	0.063	-0.099	0.007	0.106				-0.079	0.002	0.081	-0.089	-0.013	0.076	-0.179	0.036	0.214	1.0000
										M = 2.231		α = -03.78										
0.0000	0.246	-0.039	-0.285	0.211	-0.037	-0.248	0.194	-0.044	-0.238				0.219	-0.048	-0.267	0.162	-0.026	-0.188	0.230	-0.113		0.0000
0.0125	0.180	-0.030	-0.210	0.165	-0.039	-0.204	0.159	-0.052	-0.211	0.174	-0.047	-0.221	0.174	-0.045	-0.219	0.150	-0.038	-0.187	0.183			0.0125
0.0250	0.131	-0.024	-0.156	0.130	-0.041	-0.170	0.132	-0.056	-0.188	0.137	-0.054	-0.191	0.140	-0.044	-0.184		-0.047		0.149			0.0250
0.0420																				-0.075		0.0420
0.0500	0.085	-0.027	-0.112	0.093	-0.040	-0.134	0.096	-0.057	-0.153		-0.060		0.103	-0.047	-0.150	0.119	-0.059	-0.178	0.121			0.0500
0.0640																				-0.070		0.0640
0.0750	0.078	-0.032	-0.110	0.076	-0.040	-0.116	0.079	-0.055	-0.134	0.079			0.084	-0.049	-0.133	0.102	-0.063	-0.165	0.102			0.0750
0.0810																				-0.074		0.0810
0.1000	0.065	-0.031	-0.097	0.065	-0.041	-0.106	0.067	-0.050	-0.117	0.075	-0.057	-0.132	0.068	-0.057	-0.125	0.079	-0.070	-0.149	0.086	-0.081	-0.167	0.1000
0.1500	0.054	-0.027	-0.081	0.053	-0.042	-0.095	0.051	-0.047	-0.098	0.056	-0.055	-0.111	0.053	-0.055	-0.109	0.059	-0.082	-0.141	0.077	-0.079	-0.156	0.1500
0.2000	0.042	-0.030	-0.072	0.048	-0.039	-0.087	0.046	-0.036	-0.081	0.047			0.045	-0.051	-0.097	0.052	-0.076	-0.128	0.063	-0.080	-0.143	0.2000
0.3000	0.035	-0.033	-0.068	0.034	-0.010	-0.044	0.028	-0.047	-0.075				0.035	-0.051	-0.086	0.037	-0.076	-0.113	0.055	-0.084	-0.138	0.3000
0.4000	0.018	-0.032	-0.050	0.020	-0.033	-0.053	0.018	-0.041	-0.059				0.023	-0.040	-0.064	0.036	-0.082	-0.118	0.041	-0.086	-0.127	0.4000
0.5000	0.013	-0.037	-0.049	0.015	-0.037	-0.052	0.014	-0.045	-0.059				0.015	-0.040	-0.055	0.025	-0.086	-0.111	0.036	-0.097	-0.133	0.5000
0.6000		-0.040		0.016	-0.042	-0.058	0.008	-0.049	-0.056				0.012	-0.046	-0.059	0.017	-0.080	-0.097	0.028	-0.093	-0.121	0.6000
0.7000	0.040			0.017	-0.040	-0.056	0.013	-0.043	-0.056				0.012	-0.048	-0.060	0.013	-0.073	-0.086	0.026	-0.096	-0.122	0.7000
0.8000	0.005	-0.051	-0.056	0.005	-0.046	-0.051	0.016	-0.049	-0.065				0.011	-0.047	-0.058	0.007	-0.069	-0.076	0.022	-0.095	-0.117	0.8000
0.9000	0.014	-0.050	-0.064	0.009	-0.046	-0.055	0.001	-0.049	-0.050				0.015	-0.047	-0.062	0.006	-0.067	-0.072	0.019	-0.093	-0.112	0.9000
1.0000	0.068	-0.044	-0.112	0.029	-0.041	-0.070	-0.034	-0.044	-0.010				0.022	-0.049	-0.071	0.008	-0.067	-0.075	0.017	-0.092	-0.109	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 2.231 α = 00.20																					
0.0000	0.122	0.096	-0.027	0.092	0.100	0.008	0.072	0.101	0.029				0.079	0.101	0.022	0.049	0.128	0.079	0.037	0.063		0.0000
0.0125	0.078	0.070	-0.008	0.061	0.066	0.005	0.052	0.063	0.010	0.035	0.072	0.037	0.057	0.073	0.017	0.051	0.083	0.032	0.032			0.0125
0.0250	0.045	0.050	0.005	0.038	0.040	0.002	0.035	0.035		0.040	0.052	0.012	0.039	0.051	0.012		0.050		0.027			0.0250
0.0420																				0.023		0.0420
0.0500	0.019	0.028	0.009	0.015	0.015	0.000	0.011	0.013	0.002		0.026		0.017	0.021	0.004	0.038	0.023	-0.015	0.016			0.0500
0.0640																				0.011		0.0640
0.0750	0.014	0.012	-0.003	0.005	0.006	0.001	0.003	0.001	-0.002	-0.001			0.001	0.008	0.007	0.015	0.010	-0.005	-0.005			0.0750
0.0810																				0.006		0.0810
0.1000	0.009	0.009	-0.001	0.002	0.001	-0.001	-0.003	-0.004		-0.003	0.007	0.010	-0.007	0.001	0.008		0.002	0.002	-0.008	0.004	0.012	0.1000
0.1500	0.002	0.001		-0.005	-0.006	-0.001	-0.011	-0.009	0.002	-0.011	-0.004	0.007	-0.015	-0.008	0.007	-0.020	-0.008	0.012	-0.014	-0.004	0.010	0.1500
0.2000	-0.007	-0.003	0.004	-0.007	-0.004	0.003	-0.014	0.000	0.014	-0.016			-0.018	-0.012	0.006	-0.027	-0.019	0.008	-0.031	-0.013	0.019	0.2000
0.3000	-0.011	-0.014	-0.003	-0.015	0.015	0.030	-0.023	-0.016	0.007				-0.019	-0.016	0.003	-0.034	-0.020	0.014	-0.026	-0.019	0.007	0.3000
0.4000	-0.023	-0.015	0.008	-0.024	-0.014	0.010	-0.028	-0.020	0.007				-0.023	-0.012	0.011	-0.032	-0.027	0.005	-0.035	-0.028	0.007	0.4000
0.5000	-0.028	-0.021	0.008	-0.026	-0.021	0.004	-0.026	-0.022	0.003				-0.028	-0.018	0.010	-0.034	-0.031	0.003	-0.045	-0.033	0.012	0.5000
0.6000		-0.026		-0.024	-0.025	-0.002	-0.032	-0.027	0.004				-0.031	-0.024	0.007	-0.037	-0.033	0.004	-0.048	-0.038	0.011	0.6000
0.7000	0.006			-0.022	-0.024	-0.002	-0.028	-0.023	0.005				-0.027	-0.026	0.002	-0.036	-0.033	0.003	-0.051	-0.044	0.007	0.7000
0.8000	-0.029	-0.034	-0.006	-0.028	-0.027	0.002	-0.025	-0.026					-0.030	-0.027	0.003	-0.038	-0.035	0.002	-0.053	-0.046	0.007	0.8000
0.9000	-0.022	-0.033	-0.011	-0.026	-0.031	-0.005	-0.036	-0.032	0.005				-0.027	-0.030	-0.003	-0.040	-0.040		-0.048	-0.044	0.004	0.9000
1.0000	0.027	-0.027	-0.054	-0.014	-0.037	-0.023	-0.060	-0.041	0.019				-0.017	-0.035	-0.018	-0.041	-0.045	-0.004	-0.035	-0.039	-0.003	1.0000
	M = 2.227 α = 04.28																					
0.0000	-0.031	0.243	0.274	-0.039	0.239	0.277	-0.058	0.240	0.298				-0.074	0.241	0.315	-0.050	0.236	0.286	0.043	0.180		0.0000
0.0125	-0.039	0.192	0.231	-0.052	0.190	0.241	-0.064	0.186	0.249	-0.055	0.200	0.255	-0.068	0.198	0.266	-0.056	0.210	0.266	-0.038			0.0125
0.0250	-0.045	0.154	0.199	-0.061	0.151	0.212	-0.068	0.146	0.214	-0.077	0.184	0.261	-0.066	0.165	0.231		0.187		-0.087			0.0250
0.0420																				0.150		0.0420
0.0500	-0.049	0.116	0.165	-0.068	0.107	0.175	-0.075	0.111	0.186		0.128		-0.076	0.126	0.201	-0.069	0.149	0.218	-0.096			0.0500
0.0640																				0.137		0.0640
0.0750	-0.051	0.087	0.138	-0.066	0.088	0.155	-0.073	0.090	0.163	-0.078			-0.082	0.105	0.186	-0.073	0.125	0.197	-0.099			0.0750
0.0810																				0.129		0.0810
0.1000	-0.052	0.078	0.131	-0.066	0.076	0.141	-0.072	0.078	0.150	-0.083	0.094	0.176	-0.084	0.091	0.176	-0.086	0.108	0.194	-0.098	0.124	0.222	0.1000
0.1500	-0.051	0.064	0.115	-0.066	0.062	0.128	-0.075	0.065	0.139	-0.083	0.086	0.169	-0.081	0.074	0.155	-0.096	0.093	0.188	-0.095	0.112	0.206	0.1500
0.2000	-0.054	0.052	0.106	-0.063	0.060	0.123	-0.077	0.066	0.143	-0.083			-0.083	0.064	0.147	-0.098	0.079	0.177	-0.110	0.101	0.211	0.2000
0.3000	-0.052	0.037	0.089	-0.059	0.062	0.121	-0.071	0.042	0.113				-0.082	0.049	0.130	-0.103	0.060	0.163	-0.098	0.084	0.182	0.3000
0.4000	-0.059	0.031	0.090	-0.061	0.033	0.095	-0.064	0.030	0.094				-0.075	0.044	0.119	-0.100	0.051	0.151	-0.102	0.063	0.166	0.4000
0.5000	-0.061	0.022	0.083	-0.059	0.023	0.082	-0.060	0.024	0.084				-0.067	0.032	0.099	-0.101	0.044	0.146	-0.111	0.055	0.166	0.5000
0.6000		0.013		-0.055	0.016	0.071	-0.063	0.018	0.080				-0.065	0.024	0.089	-0.104	0.032	0.135	-0.116	0.047	0.162	0.6000
0.7000	-0.024			-0.056	0.017	0.073	-0.060	0.021	0.081				-0.061	0.020	0.081	-0.102	0.021	0.123	-0.117	0.036	0.153	0.7000
0.8000	-0.058	0.004	0.062	-0.059	0.013	0.073	-0.059	0.016	0.075				-0.064	0.016	0.080	-0.092	0.014	0.107	-0.115	0.034	0.149	0.8000
0.9000	-0.051	0.007	0.059	-0.055	0.009	0.064	-0.068	0.010	0.078				-0.061	0.011	0.072	-0.088	0.012	0.101	-0.108	0.035	0.143	0.9000
1.0000	-0.003	0.017	0.020	-0.043	0.005	0.048	-0.089	0.001	0.090				-0.052	0.004	0.056	-0.090	0.015	0.105	-0.097	0.037	0.134	1.0000
	M = 2.231 α = 08.21																					
0.0000	-0.125	0.337	0.462	-0.118	0.314	0.432	-0.130	0.313	0.443				-0.152	0.314	0.466	-0.125	0.295	0.420	-0.120	0.242		0.0000
0.0125	-0.117	0.287	0.405	-0.123	0.275	0.398	-0.132	0.269	0.401	-0.135	0.279	0.414	-0.134	0.281	0.415	-0.121	0.284	0.405	-0.137			0.0125
0.0250	-0.113	0.249	0.362	-0.127	0.242	0.369	-0.133	0.235	0.369	-0.138	0.249	0.388	-0.125	0.255	0.380		0.273		-0.147			0.0250
0.0420																				0.259		0.0420
0.0500	-0.114	0.210	0.324	-0.128	0.196	0.324	-0.133	0.201	0.334		0.211		-0.133	0.220	0.353	-0.121	0.254	0.375	-0.145			0.0500
0.0640																				0.246		0.0640
0.0750	-0.117	0.174	0.290	-0.129	0.176	0.304	-0.130	0.179	0.309	-0.116			-0.135	0.199	0.334	-0.130	0.217	0.347	-0.147			0.0750
0.0810																				0.225		0.0810
0.1000	-0.118	0.164	0.282	-0.127	0.159	0.287	-0.129	0.164	0.293	-0.131	0.176	0.307	-0.134	0.182	0.316	-0.133	0.201	0.334	-0.145	0.217	0.362	0.1000
0.1500	-0.113	0.145	0.259	-0.127	0.140	0.267	-0.131	0.147	0.278	-0.136	0.161	0.297	-0.130	0.160	0.290	-0.145	0.190	0.334	-0.138	0.204	0.341	0.1500
0.2000	-0.094	0.124	0.218	-0.125	0.138	0.263	-0.133	0.142	0.275	-0.133			-0.133	0.146	0.280	-0.140	0.165	0.305	-0.150	0.186	0.336	0.2000
0.3000	-0.084	0.104	0.188	-0.115	0.125	0.240	-0.128	0.112	0.240				-0.131	0.122	0.253	-0.141	0.140	0.281	-0.138	0.168	0.305	0.3000
0.4000	-0.085	0.094	0.179	-0.082	0.098	0.180	-0.122	0.097	0.218				-0.126	0.112	0.238	-0.141	0.127	0.268	-0.141	0.148	0.289	0.4000
0.5000	-0.084	0.083	0.167	-0.080	0.082	0.161	-0.102	0.085	0.187				-0.125	0.095	0.219	-0.139	0.115	0.254	-0.145	0.140	0.285	0.5000
0.6000		0.071		-0.078	0.071	0.150	-0.084	0.072	0.156				-0.121	0.080	0.201	-0.144	0.101	0.245	-0.150	0.134	0.284	0.6000
0.7000	-0.043			-0.081	0.070	0.151	-0.079	0.074	0.153				-0.113	0.075	0.189	-0.143	0.090	0.233	-0.154	0.118	0.271	0.7000
0.8000	-0.079	0.051	0.130	-0.086	0.062	0.148	-0.082	0.065	0.146				-0.114	0.069	0.183	-0.138	0.084	0.222	-0.149	0.114	0.263	0.8000
0.9000	-0.076	0.057	0.133	-0.079	0.059	0.138	-0.091	0.059	0.150				-0.104	0.060	0.164	-0.135	0.071	0.206	-0.147	0.109	0.256	0.9000
1.0000	-0.034	0.074	0.108	-0.062	0.061	0.123	-0.108	0.056	0.164				-0.082	0.049	0.132	-0.134	0.052	0.186	-0.147	0.104	0.250	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W - Concluded

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 2.234 α = 12.19																					
0.0000	-0.159	0.378	0.537	-0.152	0.358	0.510	-0.157	0.358	0.515				-0.184	0.355	0.540	-0.140	0.333	0.472	-0.138	0.310		0.0000
0.0125	-0.154	0.360	0.513	-0.154	0.338	0.492	-0.160	0.336	0.496	-0.149	0.329	0.479	-0.159	0.346	0.505	-0.139	0.338	0.477	-0.151			0.0125
0.0250	-0.150	0.340	0.490	-0.156	0.318	0.474	-0.161	0.318	0.480	-0.153	0.340	0.493	-0.146	0.335	0.480		0.338		-0.159			0.0250
0.0420																				0.318		0.0420
0.0500	-0.149	0.298	0.447	-0.158	0.282	0.440	-0.160	0.293	0.453		0.306		-0.157	0.306	0.463	-0.140	0.322	0.462	-0.160			0.0500
0.0640																				0.313		0.0640
0.0750	-0.152	0.259	0.411	-0.157	0.261	0.418	-0.157	0.268	0.425	-0.140			-0.158	0.289	0.448	-0.143	0.305	0.448	-0.160			0.0750
0.0810																				0.305		0.0810
0.1000	-0.152	0.248	0.400	-0.156	0.241	0.397	-0.156	0.257	0.413	-0.152	0.268	0.420	-0.158	0.272	0.430	-0.150	0.290	0.441	-0.158	0.302	0.459	0.1000
0.1500	-0.153	0.222	0.376	-0.156	0.229	0.386	-0.157	0.231	0.387	-0.156	0.244	0.400	-0.155	0.246	0.401	-0.159	0.270	0.429	-0.147	0.284	0.431	0.1500
0.2000	-0.146	0.203	0.349	-0.155	0.219	0.373	-0.158	0.222	0.380	-0.153			-0.157	0.225	0.382	-0.158	0.246	0.404	-0.160	0.274	0.433	0.2000
0.3000	-0.115	0.182	0.297	-0.149	0.201	0.350	-0.149	0.190	0.339				-0.155	0.207	0.361	-0.162	0.221	0.383	-0.142	0.260	0.403	0.3000
0.4000	-0.104	0.170	0.274	-0.136	0.174	0.310	-0.148	0.172	0.319				-0.145	0.186	0.331	-0.157	0.205	0.363	-0.153	0.235	0.388	0.4000
0.5000	-0.102	0.149	0.250	-0.113	0.150	0.263	-0.140	0.155	0.295				-0.148	0.160	0.308	-0.160	0.189	0.348	-0.160	0.223	0.383	0.5000
0.6000		0.138		-0.101	0.138	0.239	-0.134	0.141	0.275				-0.146	0.151	0.297	-0.163	0.178	0.340	-0.162	0.207	0.370	0.6000
0.7000	-0.056			-0.100	0.127	0.226	-0.119	0.133	0.253				-0.140	0.140	0.280	-0.157	0.165	0.322	-0.166	0.196	0.361	0.7000
0.8000	-0.094	0.108	0.202	-0.105	0.120	0.225	-0.107	0.127	0.234				-0.143	0.131	0.274	-0.155	0.152	0.307	-0.163	0.182	0.345	0.8000
0.9000	-0.097	0.117	0.214	-0.098	0.121	0.219	-0.109	0.122	0.231				-0.139	0.122	0.261	-0.154	0.132	0.286	-0.161	0.177	0.338	0.9000
1.0000	-0.065	0.142	0.207	-0.079	0.129	0.208	-0.125	0.118	0.243				-0.128	0.112	0.240	-0.155	0.103	0.258	-0.159	0.181	0.340	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.704 α = -04.33																					
0.0000	0.130	-0.145	-0.275	0.094	-0.230	-0.323	0.110	-0.358	-0.468				0.202	-0.504	-0.706	0.204	-0.629	-0.832	0.175	-0.572		0.0000
0.0125	0.069	-0.130	-0.199	0.062	-0.204	-0.265	0.082	-0.296	-0.378	0.104	-0.451	-0.555	0.145	-0.584	-0.729	0.177	-0.629	-0.805	0.179			0.0125
0.0250	0.027	-0.124	-0.151	0.038	-0.186	-0.224	0.060	-0.252	-0.312	0.075	-0.327	-0.401	0.104	-0.573	-0.677		-0.631		0.175			0.0250
0.0420																				-0.543		0.0420
0.0500	0.001	-0.136	-0.137	0.016	-0.175	-0.191	0.032	-0.219	-0.251		-0.267		0.068	-0.284	-0.352	0.112	-0.639	-0.751	0.146			0.0500
0.0640																				-0.541		0.0640
0.0750	0.003	-0.147	-0.150	0.001	-0.177	-0.177	0.020	-0.206	-0.225	0.024			0.045	-0.259	-0.304	0.083	-0.656	-0.739	0.125			0.0750
0.0810																				-0.544		0.0810
0.1000	-0.008	-0.149	-0.141	-0.002	-0.180	-0.179	0.007	-0.199	-0.206	0.011	-0.234	-0.245	0.032	-0.247	-0.279	0.064	-0.667	-0.731	0.114	-0.546	-0.660	0.1000
0.1500	-0.012	-0.154	-0.141	-0.006	-0.174	-0.168	0.001	-0.200	-0.201	0.000	-0.220	-0.220	0.017	-0.225	-0.242	0.035	-0.564	-0.599	0.093	-0.549	-0.642	0.1500
0.2000	-0.016	-0.162	-0.146	-0.004	-0.174	-0.170	-0.001	-0.199	-0.197	-0.002			0.015	-0.213	-0.229	0.020	-0.341	-0.361	0.076	-0.555	-0.631	0.2000
0.3000	-0.019	-0.180	-0.161	-0.016	-0.180	-0.164	-0.016	-0.191	-0.175				0.002	-0.196	-0.198	0.010	-0.175	-0.185	0.053	-0.578	-0.631	0.3000
0.4000	-0.021	-0.183	-0.162	-0.019	-0.179	-0.159	-0.021	-0.182	-0.161				-0.004	-0.174	-0.170	0.008	-0.178	-0.186	0.034	-0.581	-0.615	0.4000
0.5000	-0.025	-0.169	-0.145	-0.014	-0.171	-0.157	-0.014	-0.170	-0.157				-0.001	-0.162	-0.161	0.009	-0.156	-0.165	0.026	-0.536	-0.562	0.5000
0.6000		-0.156		-0.001	-0.156	-0.155	-0.006	-0.156	-0.151				0.006	-0.146	-0.152	0.009	-0.141	-0.150	0.017	-0.434	-0.451	0.6000
0.7000	-0.006			-0.001	-0.134	-0.133		-0.129	-0.128				0.007	-0.120	-0.127	0.007	-0.111	-0.118	0.010	-0.290	-0.300	0.7000
0.8000	0.005	-0.107	-0.113	0.007	-0.102	-0.109	0.002	-0.101	-0.103				0.008	-0.088	-0.096	0.006	-0.078	-0.084	0.005	-0.133	-0.138	0.8000
0.9000	0.013	-0.054	-0.067	0.015	-0.048	-0.063	0.011	-0.050	-0.062				0.025	-0.032	-0.057	0.018	-0.031	-0.049	-0.008	-0.022	-0.014	0.9000
1.0000	0.017	0.018	0.001	0.024	0.028	0.004	0.028	0.025	-0.003				0.058	0.048	-0.011	0.043	0.028	-0.015	-0.030	0.043	0.073	1.0000
	M = 0.699 α = -00.10																					
0.0000	0.067	-0.010	-0.077	-0.009	-0.051	-0.042	-0.019	-0.059	-0.040				-0.064	-0.015	0.049	-0.104	0.002	0.106	-0.134	-0.072		0.0000
0.0125	-0.002	-0.028	-0.027	-0.036	-0.061	-0.025	-0.046	-0.074	-0.028	-0.064	-0.074	-0.010	-0.091	-0.044	0.047	-0.113	-0.038	0.075	-0.124			0.0125
0.0250	-0.047	-0.043	0.004	-0.056	-0.069	-0.014	-0.067	-0.085	-0.018	-0.087	-0.085	0.003	-0.109	-0.065	0.043		-0.067		-0.119			0.0250
0.0420																				-0.088		0.0420
0.0500	-0.068	-0.063	0.004	-0.072	-0.081	-0.008	-0.092	-0.092	0.000		-0.096		-0.116	-0.083	0.033	-0.133	-0.092	0.042	-0.125			0.0500
0.0640																				-0.090		0.0640
0.0750	-0.068	-0.074	-0.007	-0.085	-0.086	-0.001	-0.096	-0.098	-0.002	-0.119			-0.121	-0.088	0.033	-0.141	-0.097	0.045	-0.124			0.0750
0.0810																				-0.090		0.0810
0.1000	-0.081	-0.076	0.004	-0.082	-0.091	-0.009	-0.106	-0.098	0.008	-0.125	-0.099	0.026	-0.122	-0.094	0.029	-0.137	-0.099	0.039	-0.120	-0.091	0.029	0.1000
0.1500	-0.090	-0.081	0.009	-0.094	-0.085	0.010	-0.110	-0.098	0.012	-0.118	-0.099	0.018	-0.119	-0.098	0.022	-0.138	-0.100	0.039	-0.116	-0.092	0.024	0.1500
0.2000	-0.093	-0.087	0.006	-0.096	-0.084	0.012	-0.100	-0.098	0.002	-0.114			-0.112	-0.098	0.014	-0.134	-0.097	0.037	-0.108	-0.098	0.010	0.2000
0.3000	-0.105	-0.096	0.009	-0.105	-0.093	0.012	-0.109	-0.098	0.011				-0.100	-0.098	0.003	-0.116	-0.102	0.013	-0.098	-0.103	-0.006	0.3000
0.4000	-0.103	-0.102	0.000	-0.100	-0.096	0.003	-0.106	-0.098	0.009				-0.090	-0.090	0.000	-0.093	-0.096	-0.003	-0.092	-0.101	-0.009	0.4000
0.5000	-0.099	-0.096	0.003	-0.086	-0.096	-0.010	-0.087	-0.096	-0.009				-0.079	-0.090	-0.011	-0.077	-0.084	-0.007	-0.080	-0.088	-0.008	0.5000
0.6000		-0.093		-0.065	-0.089	-0.024	-0.072	-0.093	-0.021				-0.062	-0.083	-0.021	-0.063	-0.076	-0.012	-0.065	-0.086	-0.021	0.6000
0.7000	-0.059			-0.052	-0.085	-0.032	-0.052	-0.077	-0.025				-0.047	-0.072	-0.025	-0.049	-0.059	-0.010	-0.050	-0.075	-0.025	0.7000
0.8000	-0.035	-0.070	-0.035	-0.031	-0.063	-0.032	-0.037	-0.063	-0.026				-0.034	-0.052	-0.018	-0.035	-0.046	-0.011	-0.030	-0.049	-0.018	0.8000
0.9000	-0.011	-0.036	-0.024	-0.008	-0.023	-0.014	-0.013	-0.027	-0.014				0.002	-0.017	-0.018	-0.007	-0.014	-0.007	-0.021	-0.014	0.007	0.9000
1.0000	0.012	0.013	0.002	0.017	0.036	0.019	0.023	0.032	0.010				0.058	0.032	-0.026	0.035	0.036	0.002	-0.023	0.029	0.051	1.0000
	M = 0.698 α = 03.83																					
0.0000	-0.068	0.094	0.162	-0.208	0.092	0.300	-0.406	0.121	0.528				-0.481	0.178	0.659	-0.636	0.190	0.826	-0.517	0.186		0.0000
0.0125	-0.102	0.057	0.159	-0.186	0.058	0.244	-0.296	0.085	0.380	-0.528	0.122	0.649	-0.608	0.148	0.756	-0.634	0.179	0.813	-0.517			0.0125
0.0250	-0.125	0.030	0.155	-0.173	0.033	0.206	-0.227	0.059	0.286	-0.339	0.090	0.429	-0.627	0.122	0.749		0.165		-0.517			0.0250
0.0420																				0.160		0.0420
0.0500	-0.138	0.008	0.146	-0.173	0.016	0.190	-0.215	0.038	0.253		0.058		-0.342	0.084	0.426	-0.640	0.129	0.769	-0.516			0.0500
0.0640																				0.143		0.0640
0.0750	-0.139		0.139	-0.180	0.012	0.192	-0.207	0.023	0.230	-0.261			-0.272	0.065	0.337	-0.654	0.099	0.753	-0.515			0.0750
0.0810																				0.128		0.0810
0.1000	-0.152	-0.004	0.148	-0.176	0.008	0.184	-0.212	0.018	0.231	-0.253	0.030	0.284	-0.256	0.048	0.304	-0.672	0.081	0.753	-0.515	0.116	0.631	0.1000
0.1500	-0.167	-0.001	0.166	-0.185	0.006	0.191	-0.209	0.008	0.218	-0.230	0.017	0.247	-0.236	0.027	0.263	-0.683	0.058	0.741	-0.514	0.096	0.610	0.1500
0.2000	-0.173	-0.004	0.169	-0.190	0.005	0.195	-0.203	0.006	0.209	-0.218			-0.215	0.027	0.242	-0.549	0.044	0.594	-0.514	0.074	0.588	0.2000
0.3000	-0.190	-0.014	0.176	-0.196	-0.004	0.192	-0.200	-0.004	0.196				-0.195	0.005	0.201	-0.170	0.020	0.190	-0.527	0.043	0.570	0.3000
0.4000	-0.181	-0.022	0.159	-0.182	-0.015	0.167	-0.187	-0.015	0.172				-0.172	-0.001	0.172	-0.138	0.010	0.148	-0.544	0.023	0.566	0.4000
0.5000	-0.168	-0.023	0.145	-0.161	-0.022	0.139	-0.157	-0.020	0.137				-0.144	-0.010	0.134	-0.129	0.006	0.135	-0.522	0.009	0.531	0.5000
0.6000		-0.028		-0.127	-0.026	0.101	-0.133	-0.025	0.109				-0.116	-0.015	0.101	-0.111	-0.004	0.108	-0.471	0.000	0.471	0.6000
0.7000	-0.106			-0.103	-0.026	0.078	-0.104	-0.020	0.084				-0.088	-0.015	0.073	-0.085	-0.001	0.083	-0.383	-0.012	0.371	0.7000
0.8000	-0.067	-0.029	0.039	-0.068	-0.019	0.049	-0.073	-0.017	0.056				-0.060	-0.010	0.049	-0.056		0.056	-0.245	-0.008	0.236	0.8000
0.9000	-0.028	-0.009	0.018	-0.026	0.001	0.027	-0.033	0.002	0.035				-0.010	0.014	0.024	-0.014	0.013	0.027	-0.121	-0.001	0.120	0.9000
1.0000	0.014	0.024	0.010	0.023	0.036	0.013	0.016	0.038	0.022				0.059	0.057	-0.002	0.042	0.039	-0.004	-0.012	0.011	0.023	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.699 α = 07.90																					
0.0000	-0.371	0.194	0.565	-1.029	0.156	1.185	-0.524	0.138	0.662				-0.912	0.098	1.011	-0.823	0.026	0.848	-0.641	0.114		0.0000
0.0125	-0.334	0.168	0.502	-0.673	0.153	0.826	-0.887	0.149	1.036	-0.940	0.132	1.072	-0.912	0.153	1.065	-0.823	0.123	0.946	-0.635			0.0125
0.0250	-0.306	0.147	0.453	-0.438	0.148	0.586	-0.986	0.155	1.141	-0.994	0.177	1.171	-0.943	0.185	1.127		0.185		-0.631			0.0250
0.0420																				0.190		0.0420
0.0500	-0.277	0.121	0.398	-0.329	0.134	0.463	-0.393	0.149	0.542		0.167		-1.097	0.180	1.276	-0.835	0.202	1.037	-0.635			0.0500
0.0640																				0.200		0.0640
0.0750	-0.265	0.112	0.377	-0.331	0.123	0.455	-0.336	0.134	0.470	-0.723			-1.223	0.171	1.393	-0.851	0.193	1.044	-0.634			0.0750
0.0810																				0.194		0.0810
0.1000	-0.281	0.103	0.384	-0.322	0.115	0.437	-0.358	0.126	0.484	-0.319	0.139	0.458	-1.172	0.156	1.328	-0.875	0.179	1.054	-0.634	0.190	0.824	0.1000
0.1500	-0.296	0.099	0.395	-0.324	0.107	0.431	-0.350	0.111	0.461	-0.347	0.118	0.465	-0.447	0.132	0.578	-0.898	0.161	1.059	-0.628	0.176	0.804	0.1500
0.2000	-0.302	0.092	0.394	-0.322	0.101	0.423	-0.336	0.097	0.433	-0.344			-0.306	0.113	0.419	-1.006	0.141	1.146	-0.626	0.159	0.785	0.2000
0.3000	-0.317	0.075	0.392	-0.317	0.080	0.397	-0.327	0.081	0.408				-0.290	0.090	0.380	-1.291	0.111	1.402	-0.642	0.124	0.766	0.3000
0.4000	-0.296	0.058	0.353	-0.296	0.066	0.363	-0.299	0.064	0.364				-0.262	0.075	0.336	-0.970	0.085	1.055	-0.636	0.095	0.731	0.4000
0.5000	-0.268	0.048	0.317	-0.256	0.048	0.304	-0.251	0.051	0.302				-0.227	0.061	0.288	-0.440	0.074	0.513	-0.597	0.071	0.668	0.5000
0.6000		0.039		-0.210	0.037	0.246	-0.212	0.036	0.247				-0.183	0.045	0.228	-0.170	0.053	0.223	-0.575	0.044	0.619	0.6000
0.7000	-0.169			-0.167	0.027	0.195	-0.166	0.030	0.197				-0.144	0.031	0.175	-0.084	0.044	0.128	-0.617	0.014	0.631	0.7000
0.8000	-0.115	0.014	0.129	-0.113	0.019	0.132	-0.116	0.021	0.136				-0.100	0.026	0.126	-0.040	0.030	0.070	-0.704	-0.012	0.692	0.8000
0.9000	-0.053	0.017	0.070	-0.059	0.025	0.083	-0.061	0.022	0.083				-0.037	0.029	0.066	0.005	0.026	0.021	-0.714	-0.078	0.635	0.9000
1.0000	0.014	0.029	0.015	-0.004	0.043	0.047	-0.001	0.034	0.036				0.045	0.040	-0.005	0.052	0.033	-0.018	-0.646	-0.186	0.460	1.0000
	M = 0.702 α = 11.74																					
0.0000	-1.425	0.225	1.650	-0.554	0.116	0.670	-1.047	0.035	1.082				-1.172	-0.070	1.102	-1.038	-0.181	0.857	-0.808	-0.010		0.0000
0.0125	-0.847	0.252	1.100	-1.211	0.188	1.399	-1.175	0.145	1.320	-1.231	0.071	1.302	-1.184	0.094	1.278	-1.035	0.010	1.045	-0.800			0.0125
0.0250	-0.493	0.264	0.757	-1.428	0.232	1.660	-1.289	0.213	1.502	-1.239	0.205	1.444	-1.198	0.200	1.398		0.140		-0.794			0.0250
0.0420																				0.155		0.0420
0.0500	-0.451	0.245	0.696	-0.546	0.236	0.782	-1.472	0.229	1.701		0.237		-1.231	0.239	1.470	-1.039	0.213	1.252	-0.792			0.0500
0.0640																				0.195		0.0640
0.0750	-0.426	0.229	0.656	-0.441	0.228	0.669	-1.222	0.226	1.448	-1.368			-1.247	0.246	1.493	-1.052	0.237	1.288	-0.787			0.0750
0.0810																				0.203		0.0810
0.1000	-0.429	0.219	0.648	-0.450	0.217	0.667	-0.628	0.224	0.852	-1.533	0.229	1.762	-1.329	0.237	1.566	-1.081	0.233	1.314	-0.781	0.211	0.991	0.1000
0.1500	-0.444	0.206	0.650	-0.456	0.206	0.662	-0.470	0.206	0.676	-0.899	0.212	1.111	-1.644	0.221	1.866	-1.131	0.226	1.357	-0.768	0.212	0.980	0.1500
0.2000	-0.436	0.194	0.629	-0.456	0.198	0.654	-0.454	0.192	0.646	-0.522			-1.092	0.205	1.297	-1.102	0.213	1.315	-0.753	0.204	0.957	0.2000
0.3000	-0.448	0.166	0.614	-0.449	0.174	0.623	-0.446	0.169	0.614				-0.468	0.176	0.645	-1.093	0.182	1.274	-0.742	0.176	0.918	0.3000
0.4000	-0.417	0.140	0.557	-0.418	0.150	0.569	-0.415	0.147	0.562				-0.379	0.156	0.535	-1.465	0.152	1.617	-0.744	0.147	0.891	0.4000
0.5000	-0.383	0.127	0.510	-0.368	0.125	0.493	-0.358	0.126	0.484				-0.329	0.133	0.461	-1.371	0.136	1.507	-0.691	0.113	0.804	0.5000
0.6000		0.106		-0.302	0.108	0.409	-0.299	0.101	0.400				-0.272	0.112	0.384	-0.939	0.107	1.046	-0.609	0.077	0.686	0.6000
0.7000	-0.248			-0.240	0.085	0.325	-0.238	0.085	0.324				-0.210	0.087	0.298	-0.593	0.086	0.679	-0.537	0.034	0.571	0.7000
0.8000	-0.169	0.057	0.226	-0.172	0.064	0.236	-0.174	0.064	0.238				-0.156	0.070	0.225	-0.350	0.054	0.404	-0.472	-0.007	0.465	0.8000
0.9000	-0.090	0.043	0.134	-0.091	0.053	0.145	-0.096	0.050	0.146				-0.068	0.056	0.124	-0.168	0.020	0.188	-0.424	-0.099	0.325	0.9000
1.0000	-0.012	0.037	0.049	0.002	0.055	0.053	-0.003	0.043	0.045				0.053	0.045	-0.008	-0.047	-0.016	0.031	-0.394	-0.242	0.152	1.0000
	M = 0.702 α = 15.76																					
0.0000	-1.521	0.212	1.733	-1.301	0.016	1.317	-1.469	-0.154	1.314				-1.421	-0.267	1.154	-1.283	-0.406	0.877	-0.945	-0.171		0.0000
0.0125	-1.713	0.319	2.032	-1.523	0.184	1.707	-1.491	0.086	1.577	-1.458	-0.021	1.438	-1.425	0.003	1.428	-1.277	-0.131	1.146	-0.934			0.0125
0.0250	-1.625	0.383	2.008	-1.646	0.292	1.938	-1.513	0.242	1.754	-1.468	0.205	1.673	-1.436	0.183	1.619		0.061		-0.925			0.0250
0.0420																				0.095		0.0420
0.0500	-0.611	0.380	0.991	-1.593	0.335	1.927	-1.554	0.298	1.853		0.287		-1.484	0.273	1.756	-1.270	0.192	1.462	-0.917			0.0500
0.0640																				0.164		0.0640
0.0750	-0.604	0.365	0.969	-1.469	0.336	1.805	-1.782	0.310	2.092	-1.571			-1.531	0.303	1.833	-1.276	0.255	1.531	-0.905			0.0750
0.0810																				0.186		0.0810
0.1000	-0.615	0.352	0.967	-0.857	0.328	1.185	-1.911	0.316	2.227	-1.596	0.307	1.903	-1.508	0.309	1.818	-1.305	0.268	1.574	-0.895	0.207	1.101	0.1000
0.1500	-0.620	0.323	0.943	-0.622	0.314	0.936	-1.053	0.303	1.356	-1.838	0.297	2.135	-1.545	0.300	1.845	-1.393	0.281	1.674	-0.872	0.225	1.097	0.1500
0.2000	-0.592	0.302	0.894	-0.609	0.304	0.913	-0.732	0.291	1.023	-1.308			-1.896	0.286	2.183	-1.375	0.274	1.649	-0.849	0.231	1.080	0.2000
0.3000	-0.604	0.260	0.864	-0.606	0.276	0.882	-0.632	0.262	0.894				-1.148	0.258	1.406	-1.275	0.248	1.523	-0.835	0.214	1.050	0.3000
0.4000	-0.578	0.229	0.807	-0.569	0.249	0.818	-0.575	0.234	0.809				-0.740	0.236	0.977	-1.222	0.218	1.440	-0.829	0.186	1.015	0.4000
0.5000	-0.519	0.206	0.726	-0.501	0.219	0.720	-0.500	0.209	0.709				-0.552	0.207	0.759	-1.531	0.197	1.728	-0.748	0.151	0.900	0.5000
0.6000		0.180		-0.423	0.190	0.613	-0.425	0.177	0.601				-0.444	0.173	0.617	-1.550	0.162	1.712	-0.631	0.109	0.740	0.6000
0.7000	-0.338			-0.340	0.158	0.498	-0.348	0.151	0.499				-0.354	0.145	0.499	-1.219	0.129	1.348	-0.563	0.061	0.624	0.7000
0.8000	-0.243	0.107	0.350	-0.246	0.124	0.370	-0.269	0.114	0.384				-0.268	0.110	0.378	-0.914	0.081	0.995	-0.515	0.008	0.523	0.8000
0.9000	-0.141	0.075	0.215	-0.145	0.093	0.238	-0.159	0.076	0.235				-0.156	0.074	0.230	-0.626	0.006	0.632	-0.473	-0.093	0.380	0.9000
1.0000	-0.032	0.045	0.078	-0.040	0.063	0.104	-0.016	0.037	0.053				-0.016	0.038	0.055	-0.356	-0.097	0.259	-0.440	-0.242	0.197	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.906 α = 03.69																					
0.0000	0.019	0.084	0.066	-0.117	0.047	0.164	-0.209	0.082	0.291				-0.406	0.167	0.574	-0.648	0.174	0.821	-0.557	0.147		0.0000
0.0125	-0.043	0.045	0.088	-0.115	0.024	0.139	-0.190	0.047	0.237	-0.379	0.093	0.472	-0.501	0.125	0.626	-0.646	0.156	0.802	-0.559			0.0125
0.0250	-0.083	0.016	0.099	-0.117	0.008	0.124	-0.182	0.024	0.205	-0.347	0.063	0.410	-0.517	0.093	0.610		0.137		-0.560			0.0250
0.0420																				0.143		0.0420
0.0500	-0.100	-0.009	0.091	-0.132	-0.006	0.126	-0.195	0.010	0.205		0.034		-0.312	0.062	0.374	-0.655	0.099	0.754	-0.560			0.0500
0.0640																				0.129		0.0640
0.0750	-0.106	-0.020	0.086	-0.149	-0.009	0.139	-0.189	0.001	0.190	-0.243			-0.265	0.043	0.308	-0.671	0.071	0.742	-0.560			0.0750
0.0810																				0.113		0.0810
0.1000	-0.127	-0.021	0.106	-0.161	-0.012	0.149	-0.203	-0.001	0.202	-0.247	0.011	0.259	-0.268	0.027	0.295	-0.680	0.053	0.733	-0.559	0.102	0.660	0.1000
0.1500	-0.153	-0.017	0.135	-0.174	-0.009	0.165	-0.216	-0.008	0.208	-0.237	-0.002	0.236	-0.254	0.008	0.262	-0.679	0.032	0.711	-0.556	0.083	0.639	0.1500
0.2000	-0.164	-0.017	0.147	-0.195	-0.011	0.184	-0.221	-0.012	0.209	-0.239			-0.245	-0.001	0.244	-0.606	0.021	0.627	-0.558	0.063	0.621	0.2000
0.3000	-0.211	-0.027	0.184	-0.218	-0.019	0.198	-0.241	-0.024	0.217				-0.238	-0.011	0.227	-0.201		0.200	-0.569	0.034	0.603	0.3000
0.4000	-0.221	-0.036	0.185	-0.228	-0.030	0.198	-0.239	-0.033	0.206				-0.230	-0.020	0.210	-0.179	-0.011	0.168	-0.609	0.017	0.626	0.4000
0.5000	-0.227	-0.036	0.191	-0.217	-0.039	0.178	-0.220	-0.039	0.181				-0.197	-0.030	0.167	-0.172	-0.006	0.166	-0.618	0.009	0.627	0.5000
0.6000		-0.044		-0.174	-0.041	0.133	-0.178	-0.043	0.135				-0.158	-0.033	0.125	-0.152	-0.017	0.135	-0.596	0.005	0.601	0.6000
0.7000	-0.146			-0.138	-0.040	0.098	-0.140	-0.038	0.102				-0.123	-0.034	0.089	-0.120	-0.012	0.108	-0.530	0.000	0.530	0.7000
0.8000	-0.089	-0.041	0.048	-0.092	-0.035	0.057	-0.101	-0.034	0.067				-0.085	-0.022	0.063	-0.074	-0.006	0.068	-0.355	0.003	0.358	0.8000
0.9000	-0.040	-0.015	0.025	-0.039	-0.007	0.032	-0.045	-0.007	0.039				-0.020	0.008	0.028	-0.011	0.016	0.027	-0.125	0.013	0.138	0.9000
1.0000	0.002	0.028	0.026	0.024	0.045	0.022	0.027	0.044	0.017				0.073	0.055	-0.017	0.069	0.054	-0.015	0.161	0.032	-0.129	1.0000
	M = 0.954 α = 03.73																					
0.0000	0.014	0.098	0.084	-0.108	0.054	0.163	-0.178	0.068	0.247				-0.375	0.159	0.534	-0.663	0.163	0.826	-0.659	0.132		0.0000
0.0125	-0.042	0.054	0.096	-0.107	0.024	0.130	-0.168	0.040	0.207	-0.349	0.089	0.438	-0.468	0.106	0.584	-0.663	0.137	0.800	-0.662			0.0125
0.0250	-0.079	0.022	0.101	-0.109	0.002	0.111	-0.166	0.019	0.185	-0.302	0.056	0.358	-0.485	0.084	0.569		0.113		-0.664			0.0250
0.0420																				0.104		0.0420
0.0500	-0.095	-0.002	0.092	-0.124	-0.012	0.112	-0.189	0.003	0.191		0.027		-0.295	0.048	0.343	-0.674	0.073	0.748	-0.669			0.0500
0.0640																				0.087		0.0640
0.0750	-0.099	-0.021	0.078	-0.135	-0.015	0.120	-0.188	-0.005	0.183	-0.236			-0.267	0.029	0.296	-0.691	0.044	0.735	-0.674			0.0750
0.0810																				0.074		0.0810
0.1000	-0.119	-0.025	0.094	-0.154	-0.020	0.134	-0.199	-0.008	0.191	-0.243	0.002	0.245	-0.263	0.012	0.275	-0.683	0.027	0.710	-0.675	0.063	0.738	0.1000
0.1500	-0.146	-0.024	0.123	-0.169	-0.016	0.153	-0.214	-0.017	0.197	-0.237	-0.014	0.223	-0.263	-0.007	0.256	-0.645	0.003	0.648	-0.676	0.045	0.721	0.1500
0.2000	-0.158	-0.025	0.133	-0.195	-0.017	0.178	-0.221	-0.026	0.195	-0.247			-0.254	-0.020	0.234	-0.552	-0.008	0.544	-0.678	0.025	0.703	0.2000
0.3000	-0.214	-0.038	0.176	-0.228	-0.033	0.195	-0.251	-0.040	0.211				-0.258	-0.033	0.225	-0.281	-0.031	0.250	-0.693		0.692	0.3000
0.4000	-0.238	-0.053	0.185	-0.241	-0.049	0.192	-0.263	-0.053	0.210				-0.261	-0.048	0.212	-0.275	-0.044	0.232	-0.718	-0.018	0.700	0.4000
0.5000	-0.247	-0.059	0.188	-0.250	-0.066	0.183	-0.260	-0.065	0.195				-0.263	-0.059	0.205	-0.273	-0.036	0.237	-0.718	-0.019	0.699	0.5000
0.6000		-0.070		-0.252	-0.069	0.182	-0.255	-0.071	0.184				-0.241	-0.062	0.179	-0.263	-0.052	0.211	-0.685	-0.013	0.672	0.6000
0.7000	-0.250			-0.256	-0.069	0.187	-0.245	-0.069	0.176				-0.211	-0.066	0.145	-0.221	-0.040	0.181	-0.592	-0.010	0.582	0.7000
0.8000	-0.159	-0.071	0.088	-0.160	-0.063	0.097	-0.169	-0.061	0.107				-0.151	-0.049	0.102	-0.123	-0.021	0.102	-0.375	0.002	0.377	0.8000
0.9000	-0.064	-0.030	0.034	-0.062	-0.019	0.043	-0.066	-0.019	0.047				-0.027	-0.002	0.025	0.009	0.016	0.006	-0.027	0.031	0.058	0.9000
1.0000	0.035	0.038	0.003	0.036	0.061	0.026	0.064	0.058	-0.006				0.160	0.073	-0.087	0.174	0.069	-0.106	0.450	0.075	-0.375	1.0000
	M = 0.995 α = 03.88																					
0.0000	0.033	0.107	0.075	-0.060	0.084	0.145	-0.115	0.121	0.236				-0.294	0.206	0.500	-0.619	0.178	0.797	-0.647	0.111		0.0000
0.0125	-0.020	0.068	0.088	-0.060	0.059	0.118	-0.104	0.088	0.192	-0.265	0.134	0.399	-0.384	0.161	0.545	-0.622	0.149	0.772	-0.651			0.0125
0.0250	-0.053	0.040	0.093	-0.061	0.042	0.102	-0.101	0.066	0.168	-0.238	0.102	0.340	-0.403	0.127	0.530		0.124		-0.654			0.0250
0.0420																				0.083		0.0420
0.0500	-0.056	0.021	0.077	-0.069	0.031	0.099	-0.121	0.055	0.176		0.072		-0.228	0.092	0.319	-0.635	0.082	0.717	-0.660			0.0500
0.0640																				0.066		0.0640
0.0750	-0.050	0.011	0.061	-0.074	0.032	0.106	-0.123	0.046	0.169	-0.169			-0.207	0.068	0.275	-0.646	0.052	0.699	-0.666			0.0750
0.0810																				0.052		0.0810
0.1000	-0.064	0.018	0.082	-0.089	0.029	0.118	-0.135	0.044	0.179	-0.183	0.045	0.229	-0.206	0.053	0.259	-0.618	0.032	0.650	-0.669	0.039	0.708	0.1000
0.1500	-0.083	0.027	0.110	-0.106	0.033	0.139	-0.153	0.031	0.184	-0.182	0.025	0.207	-0.211	0.028	0.238	-0.559	0.007	0.566	-0.670	0.019	0.689	0.1500
0.2000	-0.096	0.028	0.124	-0.134	0.031	0.166	-0.164	0.022	0.186	-0.198			-0.206	0.009	0.216	-0.463	-0.009	0.454	-0.672	-0.002	0.670	0.2000
0.3000	-0.157	0.007	0.164	-0.180	0.003	0.183	-0.204	-0.005	0.200				-0.222	-0.010	0.213	-0.295	-0.038	0.257	-0.682	-0.034	0.648	0.3000
0.4000	-0.197	-0.025	0.172	-0.203	-0.026	0.178	-0.231	-0.029	0.202				-0.236	-0.035	0.201	-0.286	-0.056	0.231	-0.704	-0.064	0.640	0.4000
0.5000	-0.222	-0.040	0.183	-0.225	-0.048	0.178	-0.243	-0.053	0.190				-0.248	-0.054	0.194	-0.288	-0.058	0.230	-0.712	-0.081	0.631	0.5000
0.6000		-0.065		-0.246	-0.070	0.177	-0.257	-0.072	0.184				-0.248	-0.068	0.179	-0.286	-0.074	0.212	-0.701	-0.089	0.612	0.6000
0.7000	-0.258			-0.269	-0.082	0.187	-0.281	-0.081	0.200				-0.260	-0.086	0.174	-0.292	-0.092	0.199	-0.669	-0.098	0.570	0.7000
0.8000	-0.200	-0.102	0.098	-0.203	-0.098	0.104	-0.216	-0.100	0.116				-0.221	-0.100	0.121	-0.275	-0.108	0.167	-0.563	-0.106	0.457	0.8000
0.9000	-0.207	-0.108	0.099	-0.208	-0.104	0.104	-0.218	-0.108	0.111				-0.213	-0.100	0.113	-0.245	-0.109	0.136	-0.402	-0.094	0.308	0.9000
1.0000	-0.278	-0.104	0.174	-0.285	-0.100	0.185	-0.288	-0.104	0.185				-0.238	-0.085	0.153	-0.201	-0.095	0.106	-0.185	-0.062	0.122	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 1.047			α = 03.88										
0.0000	0.032	0.124	0.092	-0.121	0.067	0.188	-0.181	0.098	0.279				-0.354	0.169	0.523	-0.543	0.207	0.750	-0.585	0.141		0.0000
0.0125	-0.039	0.077	0.116	-0.113	0.039	0.152	-0.166	0.058	0.224	-0.310	0.101	0.411	-0.417	0.127	0.544	-0.538	0.177	0.715	-0.589			0.0125
0.0250	-0.085	0.042	0.126	-0.110	0.018	0.129	-0.158	0.029	0.188	-0.325	0.067	0.392	-0.425	0.094	0.519		0.151		-0.593			0.0250
0.0420																				0.111		0.0420
0.0500	-0.104	0.002	0.106	-0.117	-0.001	0.116	-0.163	0.011	0.174		0.036		-0.277	0.055	0.332	-0.542	0.110	0.652	-0.601			0.0500
0.0640																				0.094		0.0640
0.0750	-0.090	-0.014	0.076	-0.125	-0.003	0.122	-0.163	0.001	0.164	-0.205			-0.229	0.039	0.268	-0.559	0.083	0.643	-0.608			0.0750
0.0810																				0.079		0.0810
0.1000	-0.109	-0.017	0.091	-0.125	-0.012	0.113	-0.182	-0.002	0.180	-0.201	0.014	0.215	-0.226	0.025	0.251	-0.537	0.065	0.602	-0.611	0.068	0.679	0.1000
0.1500	-0.121	-0.015	0.106	-0.155	-0.010	0.145	-0.176	-0.006	0.169	-0.205	-0.003	0.201	-0.219	0.004	0.223	-0.490	0.038	0.528	-0.613	0.050	0.662	0.1500
0.2000	-0.138	-0.018	0.120	-0.160	-0.004	0.156	-0.187	-0.008	0.178	-0.204			-0.216	-0.003	0.214	-0.412	0.024	0.436	-0.612	0.031	0.643	0.2000
0.3000	-0.177	-0.028	0.149	-0.194	-0.020	0.175	-0.206	-0.025	0.181				-0.180	-0.009	0.179	-0.254	-0.008	0.246	-0.615	0.004	0.619	0.3000
0.4000	-0.196	-0.038	0.157	-0.184	-0.029	0.155	-0.189	-0.033	0.157				-0.177	-0.004	0.173	-0.241	-0.024	0.217	-0.623	-0.019	0.603	0.4000
0.5000	-0.184	-0.034	0.150	-0.179	-0.029	0.150	-0.188	-0.022	0.166				-0.206	-0.024	0.182	-0.250	-0.021	0.230	-0.615	-0.037	0.578	0.5000
0.6000		-0.030		-0.188	-0.036	0.153	-0.209	-0.040	0.169				-0.208	-0.033	0.175	-0.242	-0.037	0.205	-0.587	-0.044	0.543	0.6000
0.7000	-0.203			-0.214	-0.042	0.171	-0.229	-0.043	0.186				-0.221	-0.049	0.171	-0.240	-0.048	0.192	-0.543	-0.049	0.493	0.7000
0.8000	-0.163	-0.062	0.102	-0.166	-0.057	0.108	-0.181	-0.059	0.121				-0.187	-0.054	0.133	-0.219	-0.061	0.157	-0.438	-0.054	0.384	0.8000
0.9000	-0.164	-0.066	0.098	-0.166	-0.061	0.105	-0.177	-0.067	0.110				-0.169	-0.059	0.110	-0.182	-0.062	0.119	-0.309	-0.045	0.264	0.9000
1.0000	-0.204	-0.063	0.141	-0.215	-0.053	0.161	-0.217	-0.065	0.152				-0.168	-0.066	0.102	-0.129	-0.050	0.078	-0.156	-0.022	0.134	1.0000
									M = 1.097			α = 03.88										
0.0000	0.148	0.162	0.014	0.044	0.139	0.095	-0.011	0.196	0.207				-0.239	0.273	0.513	-0.510	0.229	0.739	-0.508	0.168		0.0000
0.0125	0.074	0.124	0.049	0.038	0.129	0.091	-0.018	0.168	0.186	-0.180	0.212	0.392	-0.312	0.230	0.542	-0.512	0.200	0.712	-0.511			0.0125
0.0250	0.028	0.098	0.070	0.032	0.123	0.091	-0.024	0.149	0.173	-0.164	0.182	0.346	-0.324	0.196	0.520		0.175		-0.514			0.0250
0.0420																				0.132		0.0420
0.0500	0.018	0.087	0.069	0.016	0.121	0.104	-0.035	0.136	0.171		0.154		-0.164	0.162	0.326	-0.522	0.134	0.657	-0.517			0.0500
0.0640																				0.113		0.0640
0.0750	0.031	0.094	0.063	-0.001	0.128	0.128	-0.045	0.130	0.174	-0.096			-0.137	0.139	0.276	-0.533	0.105	0.638	-0.523			0.0750
0.0810																				0.100		0.0810
0.1000	0.017	0.111	0.094	-0.007	0.123	0.129	-0.067	0.125	0.192	-0.097	0.122	0.220	-0.133	0.123	0.257	-0.511	0.087	0.598	-0.525	0.088	0.613	0.1000
0.1500	0.007	0.123	0.116	-0.042	0.123	0.164	-0.073	0.108	0.181	-0.110	0.099	0.208	-0.136	0.092	0.229	-0.471	0.058	0.529	-0.523	0.069	0.591	0.1500
0.2000	-0.034	0.117	0.151	-0.055	0.114	0.169	-0.092	0.092	0.184	-0.121			-0.140	0.074	0.214	-0.407	0.042	0.449	-0.520	0.048	0.568	0.2000
0.3000	-0.076	0.082	0.157	-0.105	0.075	0.179	-0.131	0.059	0.190				-0.156	0.041	0.197	-0.238	0.007	0.246	-0.516	0.021	0.537	0.3000
0.4000	-0.122	0.042	0.164	-0.134	0.035	0.169	-0.156	0.023	0.179				-0.165	0.014	0.178	-0.204	-0.013	0.191	-0.525	0.003	0.528	0.4000
0.5000	-0.149	0.015	0.164	-0.148	0.008	0.156	-0.172	-0.003	0.169				-0.182	-0.012	0.170	-0.198	-0.015	0.183	-0.522	-0.006	0.517	0.5000
0.6000		-0.015		-0.171	-0.020	0.151	-0.190	-0.034	0.157				-0.186	-0.038	0.148	-0.183	-0.026	0.157	-0.511	0.000	0.511	0.6000
0.7000	-0.178			-0.188	-0.050	0.138	-0.197	-0.052	0.144				-0.185	-0.053	0.132	-0.171	-0.039	0.131	-0.492	0.005	0.497	0.7000
0.8000	-0.119	-0.074	0.045	-0.118	-0.067	0.050	-0.123	-0.069	0.054				-0.115	-0.057	0.058	-0.161	-0.042	0.119	-0.431	0.001	0.432	0.8000
0.9000	-0.084	-0.051	0.032	-0.088	-0.042	0.046	-0.106	-0.051	0.055				-0.105	-0.039	0.066	-0.139	-0.012	0.127	-0.352	0.011	0.363	0.9000
1.0000	-0.072	0.006	0.078	-0.099	0.026	0.125	-0.145	0.003	0.148				-0.157		0.157	-0.105	0.050	0.154	-0.254	0.036	0.290	1.0000
									M = 1.300			α = -04.13										
0.0000	0.197	0.015	-0.182	0.111	-0.024	-0.135	0.106	-0.075	-0.181				0.222	-0.225	-0.447	0.237	-0.410	-0.647	0.251	-0.460		0.0000
0.0125	0.117	0.011	-0.105	0.068	-0.030	-0.098	0.077	-0.071	-0.148	0.117	-0.143	-0.259	0.164	-0.243	-0.406	0.201	-0.404	-0.605	0.201			0.0125
0.0250	0.062	0.005	-0.056	0.042	-0.036	-0.077	0.056	-0.069	-0.125	0.091	-0.120	-0.211	0.122	-0.239	-0.361		-0.401		0.163			0.0250
0.0420																				-0.443		0.0420
0.0500	0.025	-0.015	-0.040	0.035	-0.049	-0.085	0.037	-0.075	-0.112		-0.116		0.090	-0.168	-0.257	0.122	-0.403	-0.525	0.130			0.0500
0.0640																				-0.442		0.0640
0.0750	0.030	-0.034	-0.064	0.021	-0.055	-0.076	0.037	-0.080	-0.118	0.057			0.078	-0.124	-0.203	0.094	-0.406	-0.500	0.108			0.0750
0.0810																				-0.444		0.0810
0.1000	0.015	-0.038	-0.053	0.016	-0.060	-0.075	0.031	-0.085	-0.116	0.052	-0.113	-0.165	0.061	-0.102	-0.164	0.076	-0.373	-0.449	0.096	-0.446	-0.541	0.1000
0.1500	0.009	-0.048	-0.058	0.009	-0.063	-0.072	0.040	-0.099	-0.139	0.048	-0.086	-0.134	0.048	-0.107	-0.155	0.053	-0.252	-0.305	0.077	-0.456	-0.534	0.1500
0.2000	-0.004	-0.054	-0.050	0.038	-0.064	-0.102	0.039	-0.057	-0.095	0.040			0.050	-0.125	-0.175	0.040	-0.214	-0.254	0.060	-0.453	-0.513	0.2000
0.3000	0.035	-0.076	-0.111	0.024	-0.081	-0.106	0.026	-0.101	-0.127				0.029	-0.112	-0.141	0.035	-0.176	-0.211	0.048	-0.415	-0.463	0.3000
0.4000	0.022	-0.096	-0.118	0.025	-0.099	-0.124	0.020	-0.114	-0.134				0.020	-0.124	-0.144	0.030	-0.167	-0.196	0.031	-0.387	-0.418	0.4000
0.5000	0.012	-0.104	-0.117	0.017	-0.113	-0.130	0.007	-0.123	-0.130				0.008	-0.121	-0.129	0.022	-0.159	-0.181	0.023	-0.353	-0.376	0.5000
0.6000		-0.120		0.008	-0.124	-0.131	0.008	-0.131	-0.139				0.010	-0.139	-0.150	0.018	-0.162	-0.179	0.016	-0.307	-0.323	0.6000
0.7000	0.010			0.005	-0.133	-0.138	0.007	-0.134	-0.141				0.025	-0.138	-0.163	0.014	-0.169	-0.183	0.009	-0.257	-0.265	0.7000
0.8000	0.022	-0.139	-0.162	0.017	-0.140	-0.157	0.005	-0.145	-0.151				-0.001	-0.143	-0.142	0.001	-0.169	-0.170	0.007	-0.214	-0.221	0.8000
0.9000	0.054	-0.131	-0.185	0.056	-0.132	-0.188	0.048	-0.144	-0.192				0.049	-0.144	-0.194	0.002	-0.169	-0.171	0.001	-0.172	-0.173	0.9000
1.0000	0.104	-0.109	-0.214	0.124	-0.108	-0.231	0.135	-0.130	-0.265				0.177	-0.141	-0.318	0.018	-0.169	-0.187	-0.010	-0.131	-0.121	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 1.300 α = -00.20																					
0.0000	0.129	0.115	-0.015	0.031	0.094	0.062	-0.010	0.065	0.075				0.019	0.044	0.025	-0.011	0.031	0.042	-0.051	-0.076		0.0000
0.0125	0.071	0.084	0.013	0.007	0.056	0.049	-0.017	0.031	0.049	-0.016	0.040	0.056	-0.008	0.012	0.020	-0.024	-0.006	0.018	-0.068			0.0125
0.0250	0.031	0.059	0.029	-0.008	0.028	0.037	-0.025	0.007	0.032	-0.027	0.016	0.042	-0.027	-0.012	0.014		-0.033		-0.081			0.0250
0.0420																				-0.082		0.0420
0.0500	0.001	0.028	0.028	-0.013	0.004	0.017	-0.038	-0.013	0.025		-0.010		-0.038	-0.036	0.002	-0.054	-0.058	-0.003	-0.095			0.0500
0.0640																				-0.084		0.0640
0.0750	-0.006	0.005	0.011	-0.027	-0.007	0.020	-0.035	-0.019	0.015	-0.047			-0.037	-0.037		-0.069	-0.064	0.005	-0.102			0.0750
0.0810																				-0.086		0.0810
0.1000	-0.018	0.001	0.019	-0.031	-0.014	0.017	-0.039	-0.011	0.028	-0.053	-0.040	0.013	-0.040	-0.024	0.015	-0.075	-0.064	0.010	-0.103	-0.086	0.017	0.1000
0.1500	-0.025	-0.007	0.019	-0.036	-0.016	0.020	-0.042	-0.031	0.012	-0.028	-0.034	-0.005	-0.049	-0.024	0.025	-0.077	-0.071	0.006	-0.102	-0.087	0.016	0.1500
0.2000	-0.043	-0.017	0.026	-0.025	-0.005	0.021	-0.019	-0.003	0.016	-0.043			-0.052	-0.042	0.010	-0.079	-0.064	0.015	-0.101	-0.096	0.005	0.2000
0.3000	-0.020	-0.020	-0.001	-0.034	-0.016	0.018	-0.054	-0.038	0.016				-0.049	-0.041	0.008	-0.082	-0.077	0.005	-0.098	-0.102	-0.004	0.3000
0.4000	-0.044	-0.038	0.005	-0.035	-0.038	-0.003	-0.047	-0.044	0.003				-0.056	-0.061	-0.005	-0.069	-0.080	-0.011	-0.110	-0.104	0.006	0.4000
0.5000	-0.053	-0.044	0.009	-0.046	-0.056	-0.010	-0.051	-0.062	-0.011				-0.065	-0.050	0.015	-0.072	-0.074	-0.002	-0.111	-0.104	0.008	0.5000
0.6000		-0.062		-0.062	-0.060	0.002	-0.072	-0.066	0.005				-0.058	-0.077	-0.019	-0.074	-0.088	-0.014	-0.111	-0.106	0.006	0.6000
0.7000	-0.049			-0.054	-0.069	-0.015	-0.054	-0.067	-0.013				-0.057	-0.074	-0.016	-0.080	-0.094	-0.015	-0.107	-0.105	0.002	0.7000
0.8000	-0.056	-0.086	-0.030	-0.058	-0.085	-0.027	-0.062	-0.090	-0.028				-0.061	-0.085	-0.025	-0.088	-0.092	-0.005	-0.102	-0.108	-0.006	0.8000
0.9000	-0.022	-0.079	-0.057	-0.022	-0.077	-0.055	-0.035	-0.084	-0.049				-0.051	-0.085	-0.035	-0.088	-0.095	-0.007	-0.100	-0.096	0.004	0.9000
1.0000	0.053	-0.058	-0.111	0.053	-0.045	-0.098	0.027	-0.050	-0.076				-0.027	-0.074	-0.046	-0.080	-0.102	-0.023	-0.101	-0.071	0.030	1.0000
	M = 1.299 α = 03.73																					
0.0000	0.037	0.188	0.151	-0.073	0.153	0.226	-0.149	0.167	0.315				-0.275	0.229	0.505	-0.402	0.240	0.643	-0.415	0.179		0.0000
0.0125	0.005	0.141	0.136	-0.075	0.112	0.187	-0.119	0.120	0.239	-0.217	0.156	0.372	-0.276	0.175	0.451	-0.403	0.204	0.607	-0.429			0.0125
0.0250	-0.020	0.106	0.126	-0.074	0.083	0.157	-0.102	0.088	0.190	-0.214	0.118	0.333	-0.271	0.135	0.406		0.174		-0.437			0.0230
0.0420																				0.153		0.0420
0.0500	-0.048	0.073	0.121	-0.065	0.057	0.122	-0.105	0.065	0.171		0.095		-0.248	0.096	0.344	-0.403	0.132	0.534	-0.435			0.0500
0.0640																				0.136		0.0640
0.0750	-0.043	0.048	0.091	-0.067	0.049	0.116	-0.101	0.052	0.153	-0.121			-0.126	0.087	0.213	-0.401	0.103	0.504	-0.436			0.0750
0.0810																				0.121		0.0810
0.1000	-0.047	0.039	0.086	-0.075	0.041	0.116	-0.104	0.054	0.158	-0.113	0.057	0.170	-0.135	0.090	0.225	-0.371	0.092	0.463	-0.438	0.110	0.548	0.1000
0.1500	-0.063	0.037	0.101	-0.084	0.036	0.120	-0.094	0.045	0.138	-0.105	0.055	0.159	-0.131	0.076	0.207	-0.284	0.076	0.360	-0.440	0.091	0.530	0.1500
0.2000	-0.076	0.027	0.104	-0.071	0.047	0.118	-0.085	0.064	0.149	-0.117			-0.115	0.051	0.166	-0.226	0.066	0.292	-0.445	0.072	0.518	0.2000
0.3000	-0.075	0.037	0.112	-0.093	0.055	0.148	-0.104	0.043	0.147				-0.120	0.051	0.171	-0.178	0.031	0.209	-0.406	0.053	0.459	0.3000
0.4000	-0.088	0.029	0.117	-0.100	0.033	0.133	-0.111	0.032	0.143				-0.107	0.025	0.132	-0.151	0.028	0.179	-0.393	0.039	0.433	0.4000
0.5000	-0.103	0.025	0.127	-0.102	0.017	0.119	-0.114	0.017	0.131				-0.129	0.025	0.154	-0.148	0.020	0.168	-0.372	0.026	0.397	0.5000
0.6000		0.013		-0.117	0.009	0.126	-0.123	0.005	0.128				-0.115	0.010	0.124	-0.141	0.002	0.143	-0.338	0.015	0.353	0.6000
0.7000	-0.101			-0.113	0.004	0.116	-0.118	0.006	0.124				-0.121	-0.003	0.118	-0.147	0.012	0.160	-0.303	0.016	0.318	0.7000
0.8000	-0.113	-0.015	0.099	-0.119	-0.012	0.107	-0.123	-0.007	0.116				-0.119	0.007	0.126	-0.157	-0.009	0.148	-0.255	0.018	0.273	0.8000
0.9000	-0.073	-0.004	0.068	-0.077	-0.005	0.072	-0.093	-0.016	0.077				-0.115	-0.018	0.097	-0.150	-0.009	0.141	-0.212	0.023	0.236	0.9000
1.0000	0.021	0.022	0.000	0.014	0.025	0.012	-0.028	-0.022	0.007				-0.107	-0.077	0.031	-0.126	0.012	0.138	-0.176	0.031	0.207	1.0000
	M = 1.299 α = 07.76																					
0.0000	-0.141	0.285	0.426	-0.244	0.224	0.468	-0.347	0.248	0.595				-0.435	0.270	0.705	-0.464	0.260	0.725	-0.465	0.234		0.0000
0.0125	-0.123	0.239	0.362	-0.290	0.200	0.490	-0.393	0.215	0.608	-0.452	0.235	0.687	-0.433	0.254	0.688	-0.463	0.268	0.731	-0.477			0.0125
0.0250	-0.115	0.203	0.317	-0.290	0.180	0.470	-0.402	0.191	0.592	-0.458	0.219	0.677	-0.434	0.241	0.676		0.269		-0.484			0.0250
0.0420																				0.252		0.0420
0.0500	-0.126	0.161	0.287	-0.153	0.154	0.306	-0.309	0.167	0.476		0.187		-0.446	0.221	0.668	-0.464	0.251	0.715	-0.481			0.0500
0.0640																				0.247		0.0640
0.0750	-0.118	0.129	0.247	-0.139	0.142	0.281	-0.145	0.154	0.299	-0.337			-0.464	0.215	0.679	-0.467	0.227	0.694	-0.482			0.0750
0.0810																				0.237		0.0810
0.1000	-0.114	0.123	0.238	-0.139	0.134	0.273	-0.165	0.152	0.316	-0.233	0.160	0.393	-0.463	0.197	0.660	-0.468	0.216	0.684	-0.484	0.229	0.713	0.1000
0.1500	-0.116	0.115	0.231	-0.144	0.125	0.269	-0.158	0.133	0.291	-0.187	0.166	0.353	-0.393	0.160	0.553	-0.483	0.187	0.670	-0.484	0.216	0.700	0.1500
0.2000	-0.139	0.106	0.246	-0.139	0.138	0.277	-0.149	0.167	0.315	-0.174			-0.142	0.154	0.296	-0.494	0.171	0.664	-0.488	0.199	0.687	0.2000
0.3000	-0.129	0.120	0.249	-0.151	0.135	0.286	-0.161	0.129	0.291				-0.171	0.132	0.303	-0.526	0.153	0.678	-0.481	0.178	0.659	0.3000
0.4000	-0.151	0.110	0.261	-0.154	0.121	0.275	-0.173	0.113	0.285				-0.176	0.140	0.316	-0.528	0.130	0.658	-0.497	0.168	0.665	0.4000
0.5000	-0.171	0.108	0.279	-0.173	0.109	0.281	-0.172	0.109	0.280				-0.185	0.104	0.288	-0.524	0.119	0.644	-0.511	0.162	0.673	0.5000
0.6000		0.103		-0.178	0.101	0.278	-0.184	0.100	0.284				-0.178	0.101	0.279	-0.438	0.112	0.550	-0.525	0.148	0.673	0.6000
0.7000	-0.157			-0.170	0.094	0.265	-0.176	0.091	0.267				-0.177	0.106	0.284	-0.208	0.100	0.309	-0.535	0.134	0.669	0.7000
0.8000	-0.173	0.076	0.250	-0.177	0.086	0.263	-0.183	0.081	0.264				-0.185	0.083	0.268	-0.159	0.113	0.271	-0.539	0.119	0.658	0.8000
0.9000	-0.129	0.098	0.227	-0.135	0.106	0.240	-0.148	0.100	0.248				-0.164	0.102	0.266	-0.155	0.089	0.244	-0.543	0.117	0.660	0.9000
1.0000	-0.024	0.144	0.168	-0.042	0.155	0.197	-0.070	0.149	0.218				-0.116	0.162	0.279	-0.196	0.031	0.227	-0.548	0.127	0.675	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
								M = 1.299			α = 11.89											
0.0000	-0.557	0.331	0.888	-0.484	0.270	0.754	-0.528	0.264	0.792				-0.519	0.268	0.787	-0.516	0.218	0.734	-0.530	0.225		0.0000
0.0125	-0.393	0.315	0.708	-0.506	0.277	0.784	-0.527	0.275	0.802	-0.531	0.271	0.802	-0.512	0.301	0.813	-0.518	0.274	0.793	-0.540			0.0125
0.0250	-0.282	0.297	0.579	-0.521	0.277	0.798	-0.531	0.279	0.810	-0.536	0.289	0.825	-0.510	0.318	0.828		0.310		-0.546			0.0250
0.0420																				0.317		0.0420
0.0500	-0.218	0.256	0.474	-0.530	0.250	0.781	-0.559	0.265	0.824		0.279		-0.520	0.304	0.825	-0.523	0.315	0.839	-0.545			0.0500
0.0640																				0.329		0.0640
0.0750	-0.200	0.234	0.434	-0.261	0.240	0.501	-0.586	0.253	0.839	-0.591			-0.555	0.295	0.850	-0.526	0.306	0.831	-0.546			0.0750
0.0810																				0.322		0.0810
0.1000	-0.197	0.222	0.419	-0.195	0.227	0.421	-0.574	0.239	0.814	-0.607	0.269	0.876	-0.581	0.285	0.865	-0.527	0.302	0.829	-0.548	0.321	0.869	0.1000
0.1500	-0.201	0.204	0.405	-0.205	0.210	0.415	-0.205	0.239	0.444	-0.610	0.246	0.856	-0.616	0.266	0.882	-0.543	0.289	0.832	-0.550	0.312	0.862	0.1500
0.2000	-0.205	0.198	0.403	-0.208	0.229	0.437	-0.191	0.247	0.438	-0.351			-0.623	0.245	0.868	-0.549	0.275	0.825	-0.554	0.300	0.854	0.2000
0.3000	-0.199	0.209	0.407	-0.212	0.220	0.432	-0.222	0.222	0.444				-0.357	0.236	0.593	-0.577	0.251	0.829	-0.547	0.274	0.821	0.3000
0.4000	-0.216	0.197	0.413	-0.225	0.200	0.424	-0.238	0.205	0.443				-0.241	0.219	0.460	-0.609	0.243	0.852	-0.564	0.252	0.816	0.4000
0.5000	-0.237	0.186	0.422	-0.239	0.194	0.433	-0.238	0.196	0.434				-0.244	0.205	0.449	-0.649	0.247	0.896	-0.577	0.234	0.810	0.5000
0.6000		0.189		-0.246	0.186	0.433	-0.252	0.190	0.443				-0.239	0.212	0.451	-0.672	0.220	0.892	-0.582	0.222	0.804	0.6000
0.7000	-0.224			-0.235	0.198	0.433	-0.236	0.214	0.450				-0.237	0.221	0.458	-0.645	0.190	0.834	-0.584	0.214	0.798	0.7000
0.8000	-0.240	0.181	0.421	-0.246	0.184	0.430	-0.249	0.179	0.428				-0.249	0.171	0.421	-0.604	0.168	0.772	-0.588	0.198	0.786	0.8000
0.9000	-0.192	0.149	0.341	-0.200	0.150	0.350	-0.214	0.148	0.362				-0.234	0.153	0.387	-0.527	0.155	0.682	-0.549	0.196	0.745	0.9000
1.0000	-0.078	0.100	0.178	-0.098	0.096	0.193	-0.131	0.122	0.253				-0.189	0.166	0.356	-0.413	0.150	0.563	-0.468	0.208	0.676	1.0000
								M = 1.300			α = 15.82											
0.0000	-0.519	0.389	0.908	-0.595	0.309	0.904	-0.591	0.270	0.860				-0.586	0.252	0.837	-0.578	0.187	0.765	-0.584	0.207		0.0000
0.0125	-0.576	0.406	0.982	-0.593	0.349	0.942	-0.591	0.330	0.921	-0.587	0.303	0.890	-0.581	0.325	0.906	-0.579	0.293	0.872	-0.597			0.0125
0.0250	-0.594	0.409	1.003	-0.601	0.371	0.971	-0.595	0.365	0.960	-0.592	0.360	0.952	-0.578	0.372	0.950		0.365		-0.604			0.0250
0.0420																				0.332		0.0420
0.0500	-0.514	0.375	0.889	-0.640	0.362	1.003	-0.615	0.363	0.978		0.372		-0.580	0.384	0.965	-0.584	0.403	0.987	-0.601			0.0500
0.0640																				0.359		0.0640
0.0750	-0.266	0.350	0.616	-0.640	0.356	0.997	-0.663	0.353	1.016	-0.634			-0.600	0.387	0.986	-0.588	0.418	1.007	-0.602			0.0750
0.0810																				0.362		0.0810
0.1000	-0.261	0.335	0.596	-0.610	0.339	0.949	-0.668	0.350	1.018	-0.657	0.365	1.022	-0.638	0.378	1.016	-0.592	0.412	1.004	-0.603	0.371	0.974	0.1000
0.1500	-0.271	0.324	0.595	-0.340	0.324	0.664	-0.637	0.341	0.978	-0.668	0.354	1.022	-0.657	0.364	1.022	-0.596	0.399	0.995	-0.604	0.373	0.977	0.1500
0.2000	-0.279	0.305	0.583	-0.268	0.334	0.602	-0.494	0.355	0.848	-0.656			-0.660	0.352	1.012	-0.580	0.380	0.960	-0.612	0.373	0.985	0.2000
0.3000	-0.265	0.312	0.576	-0.264	0.322	0.586	-0.300	0.321	0.621				-0.637	0.342	0.979	-0.639	0.344	0.982	-0.603	0.361	0.964	0.3000
0.4000	-0.277	0.288	0.565	-0.290	0.311	0.602	-0.296	0.316	0.611				-0.529	0.358	0.888	-0.655	0.320	0.975	-0.616	0.347	0.963	0.4000
0.5000	-0.287	0.303	0.590	-0.295	0.324	0.619	-0.297	0.336	0.634				-0.418	0.318	0.736	-0.650	0.312	0.962	-0.612	0.333	0.945	0.5000
0.6000		0.304		-0.304	0.298	0.602	-0.305	0.288	0.593				-0.360	0.285	0.645	-0.660	0.305	0.965	-0.609	0.317	0.926	0.6000
0.7000	-0.271			-0.302	0.269	0.570	-0.305	0.270	0.575				-0.341	0.275	0.616	-0.669	0.289	0.958	-0.627	0.307	0.934	0.7000
0.8000	-0.301	0.250	0.551	-0.314	0.265	0.579	-0.318	0.271	0.589				-0.335	0.273	0.609	-0.692	0.278	0.969	-0.649	0.292	0.940	0.8000
0.9000	-0.249	0.248	0.498	-0.264	0.261	0.525	-0.285	0.257	0.541				-0.316	0.257	0.573	-0.674	0.249	0.923	-0.624	0.296	0.920	0.9000
1.0000	-0.116	0.262	0.378	-0.152	0.256	0.408	-0.204	0.227	0.431				-0.282	0.226	0.508	-0.614	0.203	0.817	-0.554	0.319	0.873	1.0000
								M = 1.500			α = 03.73											
0.0000	-0.005	0.180	0.185	-0.086	0.152	0.238	-0.152	0.160	0.312				-0.231	0.217	0.448	-0.333	0.242	0.574	-0.392	0.167		0.0000
0.0125	-0.020	0.132	0.152	-0.081	0.116	0.197	-0.128	0.124	0.252	-0.193	0.161	0.355	-0.221	0.174	0.395	-0.322	0.200	0.522	-0.391			0.0125
0.0250	-0.033	0.096	0.129	-0.076	0.089	0.165	-0.111	0.097	0.208	-0.186	0.127	0.313	-0.214	0.141	0.355		0.167		-0.388			0.0250
0.0420																				0.150		0.0420
0.0500	-0.051	0.062	0.114	-0.069	0.062	0.131	-0.099	0.072	0.171		0.107		-0.209	0.104	0.313	-0.306	0.132	0.438	-0.380			0.0500
0.0640																				0.135		0.0640
0.0750	-0.050	0.045	0.095	-0.069	0.049	0.117	-0.086	0.063	0.149	-0.094			-0.126	0.090	0.216	-0.310	0.114	0.424	-0.381			0.0750
0.0810																				0.119		0.0810
0.1000	-0.052	0.040	0.092	-0.073	0.042	0.115	-0.083	0.061	0.144	-0.097	0.065	0.161	-0.108	0.083	0.192	-0.309	0.107	0.416	-0.379	0.110	0.490	0.1000
0.1500	-0.064	0.037	0.100	-0.063	0.044	0.107	-0.072	0.046	0.118	-0.091	0.056	0.146	-0.098	0.067	0.165	-0.254	0.080	0.334	-0.380	0.093	0.473	0.1500
0.2000	-0.058	0.033	0.091	-0.063	0.043	0.106	-0.065	0.067	0.132	-0.077			-0.093	0.052	0.145	-0.168	0.061	0.229	-0.385	0.076	0.462	0.2000
0.3000	-0.052	0.031	0.083	-0.059	0.043	0.102	-0.081	0.033	0.115				-0.096	0.049	0.145	-0.138	0.038	0.176	-0.328	0.054	0.382	0.3000
0.4000	-0.069	0.019	0.088	-0.081	0.032	0.113	-0.085	0.029	0.114				-0.096	0.032	0.128	-0.131	0.038	0.169	-0.270	0.038	0.307	0.4000
0.5000	-0.084	0.019	0.103	-0.088	0.022	0.110	-0.096	0.022	0.118				-0.100	0.025	0.125	-0.137	0.018	0.155	-0.224	0.028	0.253	0.5000
0.6000		0.012		-0.089	0.010	0.099	-0.097	0.008	0.105				-0.099	0.026	0.125	-0.130	0.016	0.147	-0.204	0.019	0.223	0.6000
0.7000	-0.077			-0.092	0.016	0.108	-0.097	0.017	0.114				-0.104	0.011	0.115	-0.120	0.010	0.130	-0.187	0.015	0.202	0.7000
0.8000	-0.104	0.005	0.109	-0.109	0.009	0.118	-0.115	0.017	0.132				-0.106	0.020	0.126	-0.134	-0.004	0.131	-0.175	0.008	0.183	0.8000
0.9000	-0.068	0.007	0.076	-0.071	0.007	0.078	-0.093	-0.004	0.089				-0.110	-0.003	0.107	-0.123	0.004	0.127	-0.172	0.014	0.186	0.9000
1.0000	0.030	0.014	-0.016	0.021	0.010	-0.011	-0.030	-0.045	-0.015				-0.116	-0.058	0.058	-0.085	0.035	0.119	-0.178	0.031	0.210	1.0000

NACA

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
								M = 1.700		α = 03.68												
0.0000	0.026	0.167	0.141	-0.057	0.170	0.228	-0.128	0.177	0.305				-0.206	0.221	0.427	-0.293	0.236	0.529	-0.300	0.167		0.0000
0.0125	-0.004	0.130	0.134	-0.061	0.128	0.189	-0.104	0.135	0.239	-0.155	0.160	0.315	-0.181	0.174	0.355	-0.275	0.191	0.466	-0.313			0.0125
0.0250	-0.026	0.102	0.128	-0.062	0.096	0.159	-0.087	0.105	0.192	-0.141	0.122	0.263	-0.165	0.138	0.304		0.156		-0.318			0.0250
0.0420																				0.133		0.0420
0.0500	-0.043	0.074	0.118	-0.059	0.066	0.125	-0.076	0.081	0.158		0.088		-0.162	0.102	0.265	-0.240	0.116	0.356	-0.302			0.0500
0.0640																				0.116		0.0640
0.0750	-0.042	0.057	0.099	-0.058	0.060	0.117	-0.066	0.060	0.126	-0.084			-0.143	0.088	0.230	-0.235	0.090	0.325	-0.294			0.0750
0.0810																				0.104		0.0810
0.1000	-0.043	0.053	0.095	-0.050	0.046	0.096	-0.064	0.052	0.116	-0.086	0.063	0.149	-0.101	0.077	0.178	-0.232	0.077	0.308	-0.287	0.096	0.383	0.1000
0.1500	-0.039	0.037	0.076	-0.052	0.034	0.086	-0.066	0.046	0.111	-0.084	0.048	0.131	-0.092	0.063	0.156	-0.233	0.060	0.293	-0.279	0.082	0.361	0.1500
0.2000	-0.044	0.022	0.066	-0.054	0.039	0.093	-0.067	0.073	0.140	-0.079			-0.086	0.046	0.133	-0.212	0.055	0.268	-0.281	0.070	0.352	0.2000
0.3000	-0.057	0.026	0.083	-0.065	0.030	0.096	-0.078	0.035	0.113				-0.088	0.034	0.122	-0.134	0.029	0.163	-0.265	0.053	0.318	0.3000
0.4000	-0.067	0.010	0.078	-0.075	0.016	0.092	-0.081	0.018	0.099				-0.088	0.032	0.120	-0.124	0.021	0.144	-0.272	0.036	0.307	0.4000
0.5000	-0.085	0.026	0.111	-0.084	0.032	0.116	-0.086	0.022	0.108				-0.094	0.029	0.123	-0.120	0.029	0.148	-0.261	0.025	0.286	0.5000
0.6000		0.017		-0.089	0.019	0.107	-0.092	0.019	0.111				-0.097	0.016	0.114	-0.117	0.015	0.133	-0.233	0.016	0.250	0.6000
0.7000	-0.060			-0.086	0.011	0.096	-0.092	0.018	0.111				-0.095	0.014	0.110	-0.117	0.020	0.137	-0.195	0.018	0.214	0.7000
0.8000	-0.107	-0.002	0.105	-0.108	-0.001	0.107	-0.106	0.001	0.107				-0.101	0.007	0.107	-0.121	0.007	0.128	-0.171	0.021	0.192	0.8000
0.9000	-0.090	-0.016	0.074	-0.096	-0.013	0.082	-0.110	-0.012	0.098				-0.108	-0.004	0.104	-0.115	-0.009	0.106	-0.160	0.026	0.186	0.9000
1.0000	-0.010	-0.033	-0.023	-0.049	-0.028	0.022	-0.104	-0.020	0.084				-0.117	-0.018	0.100	-0.098	-0.025	0.073	-0.164	0.034	0.198	1.0000
								M = 1.906		α = 03.93												
0.0000	0.028	0.164	0.136	-0.024	0.170	0.194	-0.079	0.242	0.321				-0.178	0.241	0.419	-0.184	0.255	0.439	-0.156	0.185		0.0000
0.0125	0.007	0.128	0.121	-0.025	0.131	0.156	-0.067	0.160	0.228	-0.130	0.184	0.314	-0.147	0.194	0.342	-0.180	0.211	0.392	-0.187			0.0125
0.0250	-0.008	0.102	0.110	-0.027	0.102	0.129	-0.060	0.108	0.168	-0.120	0.151	0.271	-0.129	0.159	0.288		0.177		-0.205			0.0250
0.0420																				0.145		0.0420
0.0500	-0.019	0.081	0.100	-0.034	0.072	0.106	-0.058	0.091	0.149		0.116		-0.130	0.121	0.251	-0.174	0.139	0.312	-0.199			0.0500
0.0640																				0.128		0.0640
0.0750	-0.013	0.066	0.079	-0.037	0.065	0.102	-0.056	0.081	0.137	-0.083			-0.134	0.106	0.240	-0.173	0.113	0.286	-0.200			0.0750
0.0810																				0.118		0.0810
0.1000	-0.020	0.061	0.081	-0.040	0.060	0.100	-0.059	0.076	0.135	-0.074	0.083	0.157	-0.125	0.094	0.219	-0.171	0.100	0.271	-0.194	0.109	0.303	0.1000
0.1500	-0.029	0.049	0.078	-0.045	0.057	0.101	-0.061	0.060	0.122	-0.073	0.064	0.137	-0.076	0.078	0.154	-0.180	0.079	0.259	-0.193	0.096	0.289	0.1500
0.2000	-0.039	0.042	0.081	-0.048	0.057	0.104	-0.060	0.055	0.115	-0.068			-0.073	0.066	0.139	-0.172	0.072	0.244	-0.204	0.080	0.284	0.2000
0.3000	-0.053	0.036	0.089	-0.056	0.057	0.113	-0.067	0.046	0.113				-0.075	0.051	0.126	-0.179	0.045	0.224	-0.182	0.055	0.237	0.3000
0.4000	-0.060	0.030	0.090	-0.063	0.035	0.098	-0.075	0.028	0.104				-0.080	0.027	0.107	-0.141	0.037	0.177	-0.189	0.034	0.223	0.4000
0.5000	-0.070	0.022	0.092	-0.070	0.018	0.088	-0.075	0.010	0.085				-0.080	0.026	0.106	-0.111	0.027	0.138	-0.195	0.020	0.216	0.5000
0.6000		0.008		-0.070	0.005	0.075	-0.077	0.006	0.083				-0.075	0.009	0.084	-0.104	0.018	0.122	-0.195	0.010	0.205	0.6000
0.7000	-0.051			-0.070	0.018	0.088	-0.079	0.018	0.097				-0.076	0.013	0.088	-0.100	0.017	0.117	-0.194	0.005	0.199	0.7000
0.8000	-0.084	-0.007	0.077	-0.086	-0.001	0.086	-0.086	0.001	0.087				-0.080	0.009	0.089	-0.101	0.010	0.112	-0.190	0.011	0.202	0.8000
0.9000	-0.074	-0.007	0.067	-0.075	-0.001	0.074	-0.090	-0.001	0.089				-0.083	0.004	0.087	-0.097	-0.003	0.094	-0.182	0.019	0.200	0.9000
1.0000	-0.020	-0.002	0.018	-0.036	0.018	0.054	-0.091	0.014	0.104				-0.086	-0.002	0.084	-0.087	-0.022	0.065	-0.167	0.027	0.194	1.0000
								M = 2.227		α = -03.83												
0.0000	0.199	0.006	-0.193	0.166	-0.009	-0.175	0.156	-0.037	-0.192				0.217	-0.059	-0.276	0.219	-0.058	-0.276	0.241	-0.114		0.0000
0.0125	0.142	0.005	-0.137	0.129	-0.013	-0.142	0.129	-0.037	-0.166	0.141	-0.053	-0.194	0.169	-0.055	-0.224	0.186	-0.058	-0.244	0.185			0.0125
0.0250	0.100	0.003	-0.097	0.100	-0.015	-0.116	0.106	-0.037	-0.143	0.112	-0.055	-0.167	0.135	-0.051	-0.186		-0.060		0.146			0.0250
0.0420																				-0.076		0.0420
0.0500	0.063	-0.003	-0.066	0.070	-0.017	-0.087	0.075	-0.035	-0.110		-0.055		0.105	-0.047	-0.152	0.117	-0.070	-0.187	0.116			0.0500
0.0640																				-0.075		0.0640
0.0750	0.060	-0.012	-0.071	0.057	-0.020	-0.077	0.066	-0.036	-0.101	0.068			0.085	-0.037	-0.122	0.093	-0.071	-0.164	0.099			0.0750
0.0810																				-0.083		0.0810
0.1000	0.049	-0.013	-0.061	0.048	-0.024	-0.072	0.054	-0.036	-0.090	0.057	-0.044	-0.101	0.069	-0.047	-0.116	0.075	-0.081	-0.155	0.089	-0.085	-0.174	0.1000
0.1500	0.043	-0.014	-0.057	0.041	-0.029	-0.070	0.043	-0.035	-0.078	0.043	-0.046	-0.089	0.055	-0.047	-0.102	0.051	-0.086	-0.137	0.075	-0.084	-0.159	0.1500
0.2000	0.033	-0.019	-0.052	0.041	-0.031	-0.072	0.043	-0.035	-0.078	0.041			0.049	-0.043	-0.092	0.044	-0.075	-0.119	0.062	-0.088	-0.150	0.2000
0.3000	0.028	-0.026	-0.054	0.027	-0.008	-0.035	0.023	-0.040	-0.063				0.039	-0.042	-0.081	0.032	-0.083	-0.114	0.057	-0.091	-0.148	0.3000
0.4000	0.015	-0.031	-0.046	0.016	-0.032	-0.048	0.015	-0.041	-0.055				0.026	-0.035	-0.062	0.031	-0.083	-0.114	0.040	-0.095	-0.135	0.4000
0.5000	0.010	-0.035	-0.045	0.014	-0.036	-0.049	0.012	-0.042	-0.055				0.018	-0.038	-0.056	0.019	-0.081	-0.100	0.033	-0.106	-0.139	0.5000
0.6000		-0.037		0.014	-0.042	-0.056	0.009	-0.046	-0.055				0.013	-0.045	-0.058	0.013	-0.074	-0.087	0.028	-0.111	-0.139	0.6000
0.7000	0.034			0.014	-0.043	-0.057	0.012	-0.044	-0.056				0.015	-0.046	-0.060	0.009	-0.063	-0.072	0.024	-0.111	-0.135	0.7000
0.8000	0.003	-0.050	-0.054	0.010	-0.046	-0.057	0.011	-0.048	-0.059				0.012	-0.044	-0.056	0.004	-0.065	-0.068	0.021	-0.104	-0.125	0.8000
0.9000	0.017	-0.049	-0.066	0.010	-0.046	-0.056	0.001	-0.048	-0.049				0.013	-0.045	-0.058	0.006	-0.063	-0.068	0.015	-0.100	-0.114	0.9000
1.0000	0.075	-0.042	-0.117	0.014	-0.041	-0.055	-0.019	-0.044	-0.025				0.018	-0.046	-0.065	0.015	-0.057	-0.071	0.005	-0.098	-0.103	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 2.227 α = 00.20																					
0.0000	0.125	0.080	-0.045	0.114	0.068	-0.046	0.095	0.071	-0.024				0.079	0.099	0.020	0.066	0.130	0.064	0.068	0.045		0.0000
0.0125	0.084	0.062	-0.022	0.078	0.049	-0.029	0.072	0.046	-0.026	0.067	0.054	-0.013	0.061	0.073	0.012	0.052	0.087	0.035	0.039			0.0125
0.0250	0.054	0.047	-0.007	0.051	0.033	-0.018	0.053	0.027	-0.026	0.044	0.037	-0.007	0.046	0.051	0.006		0.054		0.018			0.0250
0.0420																				0.023		0.0420
0.0500	0.024	0.028	0.004	0.023	0.012	-0.011	0.025	0.009	-0.016		0.015		0.020	0.022	0.002	0.016	0.023	0.007	0.003			0.0500
0.0640																				0.013		0.0640
0.0750	0.020	0.012	-0.008	0.011	0.004	-0.007	0.013	-0.001	-0.014	0.006			0.006	0.011	0.005	-0.002	0.008	0.010	-0.009			0.0750
0.0810																				0.006		0.0810
0.1000	0.012	0.007	-0.005	0.004	-0.001	-0.005	0.005	-0.005	-0.010	-0.006	-0.001	0.005	-0.003	0.005	0.008	-0.017	0.002	0.019	-0.013	0.002	0.015	0.1000
0.1500	0.007	0.001	-0.006	-0.001	-0.005	-0.004	-0.008	-0.009	-0.001	-0.017	-0.008	0.009	-0.011	-0.005	0.006	-0.035	-0.008	0.027	-0.021	-0.008	0.013	0.1500
0.2000	-0.003	-0.004	-0.001	-0.002	-0.004	-0.002	-0.009	-0.009	0.000	-0.019			-0.015	-0.007	0.008	-0.036	-0.012	0.024	-0.037	-0.016	0.021	0.2000
0.3000	-0.006	-0.013	-0.007	-0.013	0.010	0.023	-0.021	-0.014	0.007				-0.016	-0.010	0.006	-0.043	-0.022	0.021	-0.031	-0.027	0.004	0.3000
0.4000	-0.020	-0.015	0.005	-0.022	-0.015	0.007	-0.027	-0.018	0.009				-0.022	-0.009	0.013	-0.037	-0.024	0.013	-0.042	-0.036	0.006	0.4000
0.5000	-0.026	-0.019	0.007	-0.023	-0.019	0.004	-0.026	-0.020	0.006				-0.028	-0.015	0.012	-0.038	-0.025	0.013	-0.051	-0.050	0.001	0.5000
0.6000		-0.021		-0.023	-0.022	0.001	-0.031	-0.024	0.007				-0.029	-0.023	0.006	-0.038	-0.031	0.007	-0.052	-0.051	0.001	0.6000
0.7000				-0.022	-0.021	0.001	-0.028	-0.020	0.008				-0.027	-0.023	0.004	-0.039	-0.032	0.007	-0.051	-0.057	-0.006	0.7000
0.8000	-0.030	-0.033	-0.003	-0.026	-0.027	-0.001	-0.027	-0.024	0.003				-0.029	-0.024	0.005	-0.042	-0.036	0.007	-0.053	-0.052	0.001	0.8000
0.9000	-0.018	-0.030	-0.012	-0.024	-0.029	-0.004	-0.036	-0.029	0.008				-0.028	-0.028	0.001	-0.039	-0.037	0.002	-0.052	-0.043	0.009	0.9000
1.0000	0.034	-0.023	-0.056	-0.019	-0.029	-0.010	-0.056	-0.035	0.022				-0.025	-0.035	-0.010	-0.030	-0.038	-0.008	-0.048	-0.031	0.017	1.0000
	M = 2.230 α = 04.18																					
0.0000	0.021	0.170	0.150	-0.012	0.165	0.177	-0.054	0.180	0.234				-0.088	0.223	0.311	-0.075	0.259	0.334	-0.059	0.208		0.0000
0.0125	0.005	0.132	0.128	-0.022	0.131	0.152	-0.053	0.138	0.191	-0.090	0.169	0.259	-0.079	0.184	0.263	-0.077	0.214	0.291	-0.086			0.0125
0.0250	-0.008	0.104	0.112	-0.029	0.104	0.133	-0.053	0.107	0.160	-0.085	0.134	0.219	-0.074	0.154	0.227		0.181		-0.102			0.0250
0.0420																				0.159		0.0420
0.0500	-0.023	0.078	0.100	-0.039	0.069	0.108	-0.055	0.078	0.133		0.102		-0.075	0.118	0.194	-0.086	0.146	0.232	-0.103			0.0500
0.0640																				0.142		0.0640
0.0750	-0.023	0.057	0.079	-0.040	0.058	0.098	-0.055	0.064	0.120	-0.077			-0.079	0.099	0.178	-0.096	0.121	0.218	-0.106			0.0750
0.0810																				0.133		0.0810
0.1000	-0.027	0.053	0.080	-0.041	0.052	0.093	-0.056	0.057	0.113	-0.076	0.074	0.150	-0.082	0.087	0.168	-0.103	0.110	0.214	-0.102	0.126	0.228	0.1000
0.1500	-0.031	0.041	0.072	-0.044	0.042	0.086	-0.059	0.049	0.108	-0.070	0.063	0.133	-0.082	0.071	0.152	-0.115	0.092	0.208	-0.105	0.111	0.215	0.1500
0.2000	-0.041	0.034	0.075	-0.048	0.045	0.093	-0.059	0.048	0.108	-0.065			-0.081	0.063	0.144	-0.110	0.082	0.192	-0.118	0.097	0.215	0.2000
0.3000	-0.046	0.025	0.072	-0.054	0.053	0.107	-0.065	0.035	0.100				-0.062	0.047	0.109	-0.114	0.063	0.177	-0.106	0.076	0.181	0.3000
0.4000	-0.058	0.024	0.082	-0.060	0.028	0.088	-0.067	0.027	0.093				-0.065	0.042	0.107	-0.108	0.050	0.158	-0.114	0.059	0.172	0.4000
0.5000	-0.061	0.021	0.082	-0.059	0.022	0.081	-0.064	0.023	0.087				-0.068	0.032	0.099	-0.108	0.042	0.150	-0.121	0.047	0.167	0.5000
0.6000		0.015		-0.057	0.016	0.073	-0.067	0.015	0.081				-0.068	0.022	0.090	-0.104	0.030	0.134	-0.122	0.038	0.159	0.6000
0.7000	-0.029			-0.056	0.018	0.074	-0.064	0.019	0.083				-0.061	0.021	0.082	-0.093	0.024	0.118	-0.121	0.028	0.149	0.7000
0.8000	-0.059	0.003	0.061	-0.059	0.014	0.073	-0.065	0.015	0.079				-0.064	0.018	0.082	-0.089	0.018	0.106	-0.116	0.031	0.147	0.8000
0.9000	-0.049	0.006	0.056	-0.054	0.012	0.066	-0.070	0.009	0.079				-0.063	0.012	0.076	-0.082	0.012	0.094	-0.110	0.036	0.146	0.9000
1.0000	-0.001	0.016	0.017	-0.041	0.010	0.051	-0.081	0.000	0.082				-0.058	0.005	0.063	-0.073	0.006	0.079	-0.101	0.044	0.145	1.0000
	M = 2.224 α = 08.21																					
0.0000	-0.076	0.253	0.329	-0.104	0.243	0.347	-0.129	0.250	0.379				-0.158	0.282	0.441	-0.129	0.308	0.437	-0.112	0.281		0.0000
0.0125	-0.073	0.210	0.283	-0.097	0.208	0.306	-0.118	0.212	0.330	-0.144	0.240	0.384	-0.135	0.254	0.388	-0.128	0.280	0.408	-0.135			0.0125
0.0250	-0.072	0.178	0.249	-0.095	0.180	0.275	-0.113	0.183	0.296	-0.140	0.213	0.352	-0.122	0.230	0.351		0.258		-0.148			0.0250
0.0420																				0.243		0.0420
0.0500	-0.072	0.146	0.218	-0.101	0.143	0.244	-0.116	0.156	0.272		0.181		-0.124	0.197	0.321	-0.131	0.228	0.360	-0.146			0.0500
0.0640																				0.228		0.0640
0.0750	-0.072	0.121	0.193	-0.103	0.130	0.232	-0.116	0.139	0.255	-0.130			-0.126	0.178	0.305	-0.139	0.205	0.345	-0.147			0.0750
0.0810																				0.219		0.0810
0.1000	-0.071	0.114	0.185	-0.098	0.119	0.217	-0.119	0.129	0.248	-0.130	0.148	0.278	-0.128	0.165	0.293	-0.142	0.194	0.336	-0.143	0.210	0.353	0.1000
0.1500	-0.071	0.100	0.171	-0.081	0.105	0.186	-0.121	0.117	0.238	-0.129	0.132	0.260	-0.127	0.144	0.271	-0.153	0.171	0.324	-0.142	0.193	0.335	0.1500
0.2000	-0.079	0.088	0.167	-0.081	0.106	0.187	-0.090	0.112	0.202	-0.128			-0.128	0.131	0.259	-0.146	0.156	0.302	-0.154	0.178	0.331	0.2000
0.3000	-0.084	0.081	0.165	-0.087	0.105	0.191	-0.094	0.094	0.188				-0.121	0.109	0.230	-0.150	0.131	0.282	-0.139	0.153	0.292	0.3000
0.4000	-0.089	0.076	0.165	-0.091	0.083	0.174	-0.096	0.083	0.178				-0.123	0.102	0.224	-0.145	0.118	0.263	-0.147	0.135	0.282	0.4000
0.5000	-0.090	0.069	0.159	-0.088	0.069	0.157	-0.089	0.074	0.163				-0.110	0.085	0.196	-0.145	0.104	0.249	-0.153	0.123	0.276	0.5000
0.6000		0.058		-0.084	0.060	0.145	-0.092	0.063	0.155				-0.090	0.074	0.163	-0.143	0.091	0.234	-0.154	0.110	0.264	0.6000
0.7000	-0.055			-0.083	0.064	0.147	-0.089	0.067	0.156				-0.084	0.068	0.152	-0.136	0.082	0.218	-0.152	0.100	0.252	0.7000
0.8000	-0.083	0.047	0.130	-0.086	0.057	0.143	-0.089	0.062	0.151				-0.089	0.064	0.153	-0.133	0.071	0.205	-0.149	0.098	0.248	0.8000
0.9000	-0.077	0.051	0.129	-0.079	0.055	0.134	-0.095	0.053	0.148				-0.088	0.058	0.146	-0.131	0.062	0.192	-0.146	0.101	0.247	0.9000
1.0000	-0.037	0.063	0.100	-0.060	0.058	0.118	-0.107	0.041	0.148				-0.082	0.049	0.130	-0.128	0.053	0.181	-0.141	0.107	0.248	1.0000

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TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$ - Concluded

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
										M = 2.234		α = 12.24										
0.0000	-0.134	0.267	0.401	-0.145	0.309	0.454	-0.159	0.311	0.470				-0.194	0.326	0.520	-0.153	0.327	0.480	-0.136	0.308		0.0000
0.0125	-0.130	0.264	0.394	-0.137	0.290	0.427	-0.152	0.289	0.440	-0.166	0.305	0.471	-0.160	0.317	0.478	-0.151	0.329	0.480	-0.154			0.0125
0.0250	-0.127	0.255	0.383	-0.134	0.271	0.405	-0.147	0.271	0.418	-0.162	0.294	0.456	-0.141	0.307	0.449		0.327		-0.164			0.0250
0.0420																						0.0420
0.0500	-0.123	0.226	0.349	-0.141	0.237	0.379	-0.148	0.250	0.398		0.270		-0.150	0.282	0.432	-0.152	0.309	0.461	-0.161	0.314		0.0500
0.0640																						0.0640
0.0750	-0.125	0.202	0.327	-0.142	0.221	0.363	-0.148	0.228	0.376	-0.156			-0.153	0.268	0.421	-0.157	0.291	0.448	-0.162	0.307		0.0750
0.0810																						0.0810
0.1000	-0.126	0.191	0.317	-0.138	0.202	0.341	-0.149	0.220	0.369	-0.155	0.239	0.394	-0.154	0.252	0.406	-0.159	0.282	0.441	-0.157	0.291	0.449	0.1000
0.1500	-0.110	0.177	0.287	-0.132	0.192	0.324	-0.153	0.203	0.357	-0.155	0.216	0.372	-0.151	0.229	0.381	-0.171	0.260	0.431	-0.157	0.276	0.433	0.1500
0.2000	-0.107	0.162	0.269	-0.132	0.197	0.330	-0.143	0.193	0.336	-0.156			-0.153	0.210	0.364	-0.166	0.241	0.407	-0.168	0.265	0.434	0.2000
0.3000	-0.109	0.157	0.266	-0.116	0.182	0.298	-0.146	0.174	0.320				-0.150	0.194	0.343	-0.171	0.213	0.384	-0.154	0.243	0.397	0.3000
0.4000	-0.112	0.155	0.267	-0.112	0.162	0.274	-0.139	0.160	0.299				-0.151	0.177	0.329	-0.164	0.194	0.359	-0.163	0.223	0.386	0.4000
0.5000	-0.112	0.136	0.247	-0.106	0.137	0.243	-0.115	0.145	0.260				-0.150	0.156	0.306	-0.164	0.181	0.345	-0.167	0.208	0.375	0.5000
0.6000		0.130		-0.104	0.131	0.235	-0.113	0.134	0.246				-0.143	0.146	0.289	-0.162	0.166	0.328	-0.168	0.192	0.360	0.6000
0.7000	-0.071			-0.103	0.124	0.228	-0.108	0.131	0.239				-0.138	0.137	0.275	-0.158	0.156	0.314	-0.167	0.179	0.346	0.7000
0.8000	-0.100	0.102	0.203	-0.105	0.117	0.222	-0.108	0.121	0.229				-0.137	0.128	0.265	-0.157	0.142	0.299	-0.165	0.174	0.339	0.8000
0.9000	-0.101	0.114	0.215	-0.099	0.118	0.217	-0.116	0.115	0.232				-0.125	0.119	0.244	-0.156	0.131	0.287	-0.161	0.173	0.334	0.9000
1.0000	-0.073	0.143	0.215	-0.084	0.128	0.212	-0.133	0.114	0.246				-0.101	0.111	0.213	-0.155	0.124	0.279	-0.156	0.175	0.331	1.0000
										M = 2.231		α = 16.31										
0.0000	-0.159	0.282	0.442	-0.163	0.270	0.433	-0.172	0.286	0.458				-0.213	0.336	0.549	-0.162	0.331	0.494	-0.145	0.326		0.0000
0.0125	-0.157	0.326	0.483	-0.159	0.288	0.446	-0.167	0.306	0.474	-0.174	0.343	0.518	-0.174	0.358	0.532	-0.161	0.361	0.522	-0.162			0.0125
0.0250	-0.154	0.346	0.500	-0.157	0.296	0.453	-0.164	0.318	0.482	-0.172	0.361	0.533	-0.154	0.368	0.522		0.378		-0.171			0.0250
0.0420																						0.0420
0.0500	-0.151	0.312	0.463	-0.162	0.284	0.446	-0.164	0.315	0.479		0.349		-0.165	0.355	0.520	-0.161	0.375	0.536	-0.167	0.377		0.0500
0.0640																						0.0640
0.0750	-0.153	0.279	0.432	-0.162	0.282	0.444	-0.164	0.304	0.469	-0.166			-0.168	0.346	0.513	-0.166	0.363	0.530	-0.168	0.381		0.0750
0.0810																						0.0810
0.1000	-0.153	0.263	0.417	-0.161	0.276	0.437	-0.167	0.304	0.471	-0.166	0.321	0.487	-0.169	0.335	0.504	-0.169	0.358	0.526	-0.164	0.374		0.1000
0.1500	-0.145	0.235	0.380	-0.156	0.274	0.430	-0.170	0.283	0.454	-0.166	0.304	0.471	-0.166	0.315	0.481	-0.180	0.338	0.518	-0.165	0.371	0.535	0.1500
0.2000	-0.136	0.223	0.359	-0.157	0.269	0.426	-0.164	0.282	0.446	-0.167			-0.167	0.299	0.466	-0.173	0.317	0.490	-0.175	0.359	0.523	0.2000
0.3000	-0.133	0.218	0.351	-0.150	0.265	0.414	-0.166	0.259	0.425				-0.167	0.270	0.436	-0.180	0.295	0.475	-0.160	0.347	0.522	0.3000
0.4000	-0.134	0.220	0.354	-0.145	0.232	0.377	-0.163	0.235	0.398				-0.164	0.254	0.418	-0.174	0.278	0.451	-0.170	0.323	0.483	0.4000
0.5000	-0.128	0.208	0.336	-0.138	0.217	0.356	-0.151	0.228	0.379				-0.166	0.236	0.402	-0.174	0.264	0.439	-0.173	0.303	0.473	0.5000
0.6000		0.205		-0.131	0.207	0.338	-0.152	0.211	0.363				-0.163	0.223	0.386	-0.173	0.242	0.415	-0.173	0.285	0.458	0.6000
0.7000	-0.081			-0.127	0.194	0.321	-0.143	0.204	0.348				-0.158	0.212	0.370	-0.170	0.235	0.405	-0.174	0.266	0.440	0.7000
0.8000	-0.113	0.172	0.285	-0.124	0.190	0.314	-0.138	0.197	0.336				-0.159	0.201	0.360	-0.169	0.222	0.391	-0.173	0.253	0.426	0.8000
0.9000	-0.119	0.184	0.303	-0.117	0.189	0.306	-0.141	0.185	0.326				-0.154	0.190	0.344	-0.168	0.209	0.377	-0.171	0.250	0.421	0.9000
1.0000	-0.097	0.216	0.313	-0.104	0.192	0.296	-0.152	0.168	0.320				-0.142	0.180	0.322	-0.167	0.195	0.363	-0.168	0.254	0.421	1.0000
													-0.163	0.263	0.426							

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BW

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.698 α = -04.42																					
0.0000	0.227	-0.458	-0.684	0.196	-0.735	-0.931	0.196	-0.733	-0.929													0.0000
0.0125	0.159	-0.325	-0.485	0.148	-0.484	-0.631	0.153	-0.571	-0.725	0.148	-0.674	-0.821	0.062	-0.721	-0.783	0.194	-0.653	-0.847	0.198	-0.560		0.0125
0.0250	0.111	-0.240	-0.351	0.110	-0.319	-0.430	0.121	-0.461	-0.582	0.115	-0.377	-0.493	0.115	-0.718	-0.833	0.173	-0.651	-0.824	0.186			0.0250
0.0420													0.139	-0.657	-0.797		-0.651		0.173			0.0420
0.0500	0.070	-0.208	-0.279	0.070	-0.253	-0.323	0.085	-0.397	-0.483		-0.325									-0.550		0.0500
0.0640													0.102	-0.363	-0.465	0.127	-0.657	-0.784	0.146			0.0640
0.0750	0.053	-0.201	-0.254	0.044	-0.233	-0.277	0.058	-0.281	-0.339	-0.002										-0.548		0.0750
0.0810													0.063	-0.297	-0.360	0.111	-0.667	-0.779	0.120			0.0810
0.1000	0.033	-0.195	-0.228	0.030	-0.222	-0.252	0.043	-0.268	-0.310	0.040	-0.284	-0.324	0.043	-0.279	-0.322	0.079	-0.676	-0.755	0.107	-0.548	-0.657	0.1000
0.1500	0.016	-0.184	-0.200	0.011	-0.205	-0.216	0.028	-0.237	-0.265	0.024	-0.256	-0.280	0.029	-0.263	-0.292	0.056	-0.657	-0.713	0.092	-0.551	-0.642	0.1500
0.2000	0.004	-0.184	-0.187	0.004	-0.192	-0.197	0.022	-0.212	-0.234	0.010			0.019	-0.241	-0.261	0.041	-0.391	-0.432	0.072	-0.557	-0.630	0.2000
0.3000	-0.008	-0.188	-0.180	-0.015	-0.188	-0.173	-0.003	-0.201	-0.197				0.007	-0.230	-0.237	0.023	-0.193	-0.215	0.067	-0.572	-0.639	0.3000
0.4000	-0.020	-0.187	-0.167	-0.022	-0.182	-0.159	-0.015	-0.192	-0.177				-0.008	-0.197	-0.189	0.014	-0.185	-0.199	0.037	-0.569	-0.606	0.4000
0.5000	-0.031	-0.172	-0.140	-0.027	-0.174	-0.147	-0.019	-0.179	-0.160				-0.009	-0.172	-0.163	0.002	-0.167	-0.169	0.022	-0.523	-0.545	0.5000
0.6000		-0.160		-0.023	-0.158	-0.135	-0.024	-0.160	-0.136				-0.014	-0.155	-0.142	-0.002	-0.152	-0.150	0.010	-0.456	-0.466	0.6000
0.7000	-0.030			-0.033	-0.137	-0.104	-0.026	-0.134	-0.108				-0.015	-0.133	-0.118	-0.004	-0.126	-0.122	0.004	-0.335	-0.339	0.7000
0.8000	-0.035	-0.111	-0.077	-0.031	-0.105	-0.073	-0.025	-0.114	-0.089				-0.018	-0.103	-0.085	-0.006	-0.093	-0.087	0.001	-0.149	-0.150	0.8000
0.9000	-0.022	-0.060	-0.037	-0.016	-0.051	-0.035	-0.017	-0.062	-0.045				0.008	-0.070	-0.078	0.007	-0.058	-0.065	-0.011	-0.033	-0.023	0.9000
1.0000	0.007	0.011	0.003	0.013	0.024	0.010	-0.001	0.023	0.024				0.062	-0.035	-0.097	0.035	-0.020	-0.054	-0.031	0.012	0.043	1.0000
	M = 0.700 α = -00.06																					
0.0000	-0.009	0.031	0.040	-0.084	0.008	0.092	-0.100	-0.010	0.090				-0.100	-0.002	0.098	-0.154	0.005	0.158	-0.102	-0.014		0.0000
0.0125	-0.056	0.000	0.056	-0.098	-0.025	0.073	-0.107	-0.032	0.075	-0.113	-0.042	0.071	-0.117	-0.030	0.087	-0.151	-0.024	0.127	-0.161			0.0125
0.0250	-0.087	-0.024	0.062	-0.107	-0.049	0.058	-0.113	-0.049	0.064	-0.130	-0.052	0.078	-0.130	-0.053	0.077		-0.048		-0.193			0.0250
0.0420																				-0.057		0.0420
0.0500	-0.099	-0.054	0.045	-0.111	-0.072	0.040	-0.124	-0.070	0.054		-0.081		-0.138	-0.080	0.059	-0.151	-0.081	0.071	-0.173			0.0500
0.0640																				-0.070		0.0640
0.0750	-0.097	-0.067	0.030	-0.115	-0.079	0.036	-0.122	-0.087	0.035	-0.125			-0.140	-0.088	0.051	-0.157	-0.087	0.070	-0.169			0.0750
0.0810																				-0.076		0.0810
0.1000	-0.105	-0.072	0.032	-0.118	-0.089	0.029	-0.128	-0.091	0.037	-0.138	-0.093	0.045	-0.143	-0.095	0.047	-0.158	-0.094	0.065	-0.165	-0.078	0.087	0.1000
0.1500	-0.109	-0.077	0.032	-0.119	-0.091	0.028	-0.124	-0.098	0.027	-0.136	-0.100	0.036	-0.142	-0.095	0.047	-0.149	-0.098	0.051	-0.158	-0.080	0.077	0.1500
0.2000	-0.108	-0.085	0.023	-0.118	-0.091	0.027	-0.116	-0.089	0.027	-0.129			-0.135	-0.103	0.031	-0.143	-0.103	0.040	-0.150	-0.087	0.063	0.2000
0.3000	-0.112	-0.100	0.013	-0.118	-0.096	0.022	-0.122	-0.107	0.016				-0.124	-0.100	0.024	-0.126	-0.106	0.020	-0.136	-0.093	0.043	0.3000
0.4000	-0.117	-0.108	0.008	-0.116	-0.101	0.015	-0.117	-0.100	0.017				-0.114	-0.095	0.019	-0.113	-0.103	0.010	-0.129	-0.089	0.040	0.4000
0.5000	-0.115	-0.101	0.014	-0.111	-0.102	0.009	-0.111	-0.097	0.013				-0.107	-0.092	0.015	-0.102	-0.091	0.011	-0.114	-0.078	0.037	0.5000
0.6000		-0.100		-0.097	-0.099	-0.002	-0.104	-0.095	0.010				-0.096	-0.089	0.007	-0.092	-0.081	0.010	-0.098	-0.077	0.021	0.6000
0.7000	-0.094			-0.095	-0.090	0.005	-0.094	-0.084	0.009				-0.084	-0.082	0.002	-0.076	-0.072	0.003	-0.084	-0.062	0.021	0.7000
0.8000	-0.085	-0.078	0.007	-0.078	-0.072	0.006	-0.081	-0.066	0.014				-0.067	-0.072	-0.005	-0.065	-0.057	0.009	-0.062	-0.047	0.015	0.8000
0.9000	-0.053	-0.043	0.009	-0.049	-0.037	0.011	-0.049	-0.037	0.012				-0.035	-0.035	0.000	-0.029	-0.031	-0.001	-0.043	-0.012	0.031	0.9000
1.0000	0.002	0.006	0.004	-0.007	0.014	0.020	0.001	0.004	0.003				0.011	0.029	0.018	0.032	0.005	-0.027	-0.025	0.043	0.068	1.0000
	M = 0.699 α = 03.83																					
0.0000	-0.405	0.213	0.618	-0.676	0.210	0.885	-0.771	0.195	0.966				-0.645	0.203	0.848	-0.685	0.162	0.847	-0.557	0.202		0.0000
0.0125	-0.357	0.174	0.531	-0.566	0.163	0.729	-0.680	0.165	0.844	-0.839	0.165	1.004	-0.763	0.170	0.933	-0.681	0.168	0.849	-0.564			0.0125
0.0250	-0.315	0.141	0.456	-0.465	0.126	0.591	-0.581	0.138	0.719	-0.608	0.132	0.741	-0.785	0.141	0.926		0.164		-0.568			0.0250
0.0420																				0.158		0.0420
0.0500	-0.252	0.090	0.342	-0.287	0.082	0.368	-0.365	0.092	0.457		0.090		-0.537	0.099	0.636	-0.680	0.126	0.806	-0.568			0.0500
0.0640																				0.140		0.0640
0.0750	-0.224	0.065	0.289	-0.266	0.069	0.324	-0.296	0.069	0.365	-0.332			-0.357	0.076	0.433	-0.688	0.105	0.793	-0.564			0.0750
0.0810																				0.127		0.0810
0.1000	-0.224	0.052	0.275	-0.252	0.040	0.292	-0.286	0.049	0.335	-0.315	0.044	0.359	-0.301	0.057	0.358	-0.695	0.086	0.781	-0.564	0.111	0.676	0.1000
0.1500	-0.217	0.033	0.250	-0.234	0.026	0.261	-0.252	0.029	0.282	-0.277	0.022	0.299	-0.275	0.034	0.310	-0.702	0.068	0.770	-0.564	0.101	0.665	0.1500
0.2000	-0.205	0.019	0.224	-0.220	0.020	0.239	-0.234	0.028	0.262	-0.257			-0.253	0.026	0.279	-0.625	0.048	0.673	-0.565	0.073	0.638	0.2000
0.3000	-0.201	-0.003	0.198	-0.208	-0.002	0.206	-0.219	0.007	0.225				-0.226	-0.004	0.222	-0.250	0.017	0.267	-0.574	0.048	0.622	0.3000
0.4000	-0.196	-0.022	0.173	-0.195	-0.017	0.178	-0.204	-0.015	0.189				-0.207	0.002	0.209	-0.166	0.007	0.173	-0.582	0.028	0.610	0.4000
0.5000	-0.186	-0.024	0.163	-0.179	-0.026	0.153	-0.184	-0.022	0.162				-0.184	-0.010	0.174	-0.156	0.000	0.156	-0.582	0.016	0.598	0.5000
0.6000		-0.032		-0.155	-0.032	0.124	-0.165	-0.027	0.139				-0.164	-0.016	0.148	-0.141	-0.010	0.131	-0.536	0.004	0.540	0.6000
0.7000	-0.141			-0.141	-0.034	0.107	-0.142	-0.028	0.114				-0.137	-0.021	0.116	-0.125	-0.015	0.110	-0.453	-0.007	0.446	0.7000
0.8000	-0.117	-0.034	0.083	-0.112	-0.029	0.083	-0.126	-0.026	0.100				-0.105	-0.024	0.081	-0.098	-0.014	0.084	-0.335	-0.010	0.325	0.8000
0.9000	-0.072	-0.017	0.055	-0.065	-0.009	0.056	-0.082	-0.018	0.064				-0.056	-0.005	0.051	-0.042	-0.010	0.032	-0.210	-0.016	0.194	0.9000
1.0000	-0.004	0.012	0.017		0.025	0.025	-0.009	-0.002	0.007				0.010	0.038	0.027	0.042	-0.003	-0.045	-0.078	-0.024	0.054	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 0.700			α = 07.76										
0.0000	-1.969	0.251	2.220	-1.013	0.201	1.214	-1.115	0.175	1.290				-0.915	0.102	1.016	-0.814	-0.027	0.787	-0.642	0.193		0.0000
0.0125	-1.075	0.271	1.347	-1.192	0.229	1.421	-1.061	0.201	1.262	-0.982	0.168	1.151	-0.935	0.170	1.105	-0.814	0.111	0.926	-0.643			0.0125
0.0250	-0.523	0.274	0.797	-1.265	0.240	1.505	-1.069	0.215	1.285	-0.993	0.209	1.202	-0.954	0.211	1$165		0.194		-0.643			0.0250
0.0420																						0.0420
0.0500	-0.441	0.227	0.668	-1.091	0.209	1.300	-1.276	0.205	1.481		0.209		-0.987	0.209	1.196	-0.819	0.190	1.009	-0.640	0.188		0.0500
0.0640																						0.0640
0.0750	-0.400	0.195	0.594	-0.337	0.184	0.521	-1.308	0.187	1.494	-1.294			-1.097	0.192	1.289	-0.825	0.201	1.026	-0.642	0.192		0.0750
0.0810																						0.0810
0.1000	-0.381	0.174	0.555	-0.335	0.163	0.498	-0.883	0.167	1.049	-1.349	0.168	1.517	-1.210	0.177	1.388	-0.840	0.183	1.023	-0.640	0.197		0.1000
0.1500	-0.362	0.147	0.509	-0.346	0.139	0.485	-0.261	0.146	0.407	-0.831	0.146	0.977	-1.259	0.145	1.404	-0.866	0.159	1.025	-0.638	0.191	0.832	0.1500
0.2000	-0.336	0.126	0.461	-0.331	0.121	0.451	-0.294	0.133	0.427	-0.281			-0.922	0.129	1.051	-0.904	0.138	1.042	-0.635	0.181	0.819	0.2000
0.3000	-0.321	0.090	0.411	-0.317	0.091	0.408	-0.302	0.090	0.392				-0.216	0.102	0.318	-1.162	0.109	1.271	-0.637	0.164	0.799	0.3000
0.4000	-0.295	0.064	0.359	-0.292	0.069	0.361	-0.292	0.070	0.362				-0.226	0.088	0.313	-1.159	0.080	1.239	-0.636	0.139	0.775	0.4000
0.5000	-0.272	0.053	0.325	-0.263	0.049	0.312	-0.257	0.050	0.307				-0.219	0.070	0.288	-0.938	0.073	1.011	-0.612	0.112	0.748	0.5000
0.6000		0.035		-0.224	0.034	0.258	-0.236	0.041	0.277				-0.205	0.057	0.262	-0.453	0.051	0.504	-0.613	0.094	0.707	0.6000
0.7000	-0.193			-0.195	0.020	0.215	-0.193	0.028	0.221				-0.164	0.037	0.200	-0.598	0.058	0.656	-0.581	0.016	0.597	0.7000
0.8000	-0.151	0.007	0.159	-0.147	0.011	0.158	-0.155	0.019	0.175				-0.130	0.023	0.153	-0.150	0.036	0.185	-0.643	-0.018	0.625	0.8000
0.9000	-0.087	0.010	0.097	-0.085	0.017	0.101	-0.097	0.014	0.111				-0.066	0.019	0.084	-0.037	0.022	0.059	-0.658	-0.067	0.591	0.9000
1.0000	-0.001	0.023	0.023	-0.008	0.036	0.044	-0.019	0.012	0.032				0.029	0.023	-0.005	0.020	0.017	-0.003	-0.628	-0.130	0.497	1.0000
									M = 0.696			α = 11.79				0.021	0.021					
0.0000	-2.034	0.232	2.267	-1.483	0.111	1.593	-1.414	-0.011	1.404				-1.228	-0.131	1.097	-1.072	-0.198	0.874	-0.820	0.153		0.0000
0.0125	-1.952	0.330	2.283	-1.508	0.230	1.738	-1.404	0.155	1.559	-1.306	0.090	1.396	-1.233	0.057	1.290	-1.069	0.005	1.074	-0.816			0.0125
0.0250	-1.705	0.384	2.088	-1.554	0.303	1.857	-1.404	0.258	1.661	-1.306	0.235	1.541	-1.238	0.184	1.423		0.139		-0.812			0.0250
0.0420																						0.0420
0.0500	-0.715	0.356	1.070	-1.711	0.306	2.018	-1.436	0.272	1.708		0.274		-1.251	0.255	1.506	-1.068	0.202	1.270	-0.809	0.155		0.0500
0.0640																						0.0640
0.0750	-0.615	0.323	0.937	-1.796	0.291	2.087	-1.473	0.272	1.745	-1.356			-1.296	0.264	1.559	-1.076	0.232	1.308	-0.802	0.175		0.0750
0.0810																						0.0810
0.1000	-0.579	0.299	0.878	-1.162	0.272	1.434	-1.766	0.265	2.031	-1.398	0.263	1.661	-1.308	0.261	1.570	-1.072	0.238	1.310	-0.798	0.199		0.1000
0.1500	-0.541	0.263	0.804	-0.530	0.247	0.777	-1.442	0.242	1.684	-1.885	0.235	2.120	-1.401	0.244	1.644	-1.100	0.232	1.331	-0.791	0.209	1.007	0.1500
0.2000	-0.473	0.233	0.706	-0.438	0.227	0.666	-0.675	0.231	0.907	-1.512			-1.862	0.217	2.079	-1.114	0.218	1.332	-0.776	0.213	1.004	0.2000
0.3000	-0.426	0.188	0.614	-0.415	0.190	0.605	-0.393	0.187	0.580				-1.123	0.189	1.311	-1.088	0.188	1.276	-0.750	0.212	0.988	0.3000
0.4000	-0.389	0.153	0.542	-0.384	0.161	0.545	-0.368	0.158	0.526				-0.491	0.160	0.651	-1.104	0.163	1.268	-0.734	0.184	0.934	0.4000
0.5000	-0.352	0.133	0.486	-0.343	0.132	0.475	-0.332	0.131	0.464				-0.310	0.138	0.449	-1.467	0.143	1.610	-0.702	0.153	0.888	0.5000
0.6000		0.107		-0.287	0.109	0.396	-0.298	0.107	0.404				-0.245	0.110	0.355	-1.415	0.113	1.528	-0.616	0.123	0.825	0.6000
0.7000	-0.237			-0.238	0.086	0.324	-0.240	0.088	0.327				-0.190	0.092	0.282	-1.043	0.085	1.128	-0.567	0.080	0.696	0.7000
0.8000	-0.178	0.056	0.234	-0.171	0.064	0.235	-0.185	0.069	0.254				-0.148	0.066	0.214	-0.660	0.053	0.713	-0.532	0.041	0.608	0.8000
0.9000	-0.101	0.043	0.145	-0.097	0.053	0.150	-0.096	0.057	0.152				-0.054	0.051	0.106	-0.340	0.016	0.355	-0.006	-0.006	0.527	0.9000
1.0000	-0.008	0.039	0.046	-0.016	0.054	0.071	0.028	0.051	0.023				0.090	0.049	-0.042	-0.083	-0.027	0.056	-0.491	-0.069	0.422	1.0000
									M = 0.699			α = 15.67							-0.442	-0.148	0.294	
0.0000	-1.742	0.180	1.922	-1.695	-0.015	1.680	-1.748	-0.351	1.397				-1.522	-0.297	1.225	-1.324	-0.425	0.899	-0.948	-0.221		0.0000
0.0125	-2.063	0.359	2.421	-1.777	0.196	1.973	-1.749	0.025	1.774	-1.607	-0.025	1.582	-1.522	-0.002	1.520	-1.322	-0.143	1.178	-0.941			0.0125
0.0250	-2.228	0.465	2.694	-1.846	0.332	2.177	-1.747	0.263	2.010	-1.605	0.213	1.818	-1.523	0.191	1.713		0.049		-0.933			0.0250
0.0420																						0.0420
0.0500	-2.096	0.461	2.557	-1.943	0.375	2.318	-1.732	0.328	2.060		0.273		-1.527	0.267	1.794	-1.315	0.167	1.481	-0.919	0.090		0.0500
0.0640																						0.0640
0.0750	-1.181	0.431	1.612	-1.806	0.374	2.179	-1.738	0.338	2.076	-1.679			-1.613	0.307	1.920	-1.308	0.229	1.537	-0.906	0.159		0.0750
0.0810																						0.0810
0.1000	-0.885	0.406	1.291	-1.970	0.361	2.331	-1.751	0.341	2.092	-1.686	0.322	2.008	-1.701	0.304	2.005	-1.300	0.249	1.549	-0.892	0.168		0.1000
0.1500	-0.781	0.358	1.139	-1.389	0.339	1.728	-2.102	0.321	2.423	-1.733	0.316	2.049	-1.670	0.299	1.969	-1.310	0.270	1.579	-0.874	0.194	1.086	0.1500
0.2000	-0.676	0.319	0.995	-0.913	0.319	1.232	-1.671	0.310	1.981	-2.052			-1.631	0.287	1.918	-1.354	0.265	1.619	-0.854	0.213	1.086	0.2000
0.3000	-0.604	0.261	0.865	-0.630	0.275	0.905	-0.842	0.279	1.121				-1.923	0.262	2.186	-1.326	0.234	1.560	-0.814	0.220	1.074	0.3000
0.4000	-0.544	0.221	0.764	-0.546	0.241	0.786	-0.589	0.239	0.828				-1.274	0.230	1.504	-1.225	0.210	1.435	-0.784	0.220	1.034	0.4000
0.5000	-0.481	0.198	0.679	-0.485	0.204	0.689	-0.494	0.198	0.692				-0.801	0.198	0.999	-1.153	0.180	1.333	-0.739	0.177	0.960	0.5000
0.6000		0.164		-0.412	0.173	0.585	-0.434	0.169	0.603				-0.542	0.164	0.706	-1.132	0.147	1.280	-0.682	0.144	0.883	0.6000
0.7000	-0.312			-0.329	0.138	0.466	-0.359	0.136	0.495				-0.376	0.132	0.508	-1.526	0.107	1.633	-0.633	0.094	0.776	0.7000
0.8000	-0.230	0.092	0.321	-0.237	0.104	0.341	-0.259	0.095	0.354				-0.265	0.097	0.362	-1.415	0.059	1.475	-0.577	0.048	0.681	0.8000
0.9000	-0.138	0.062	0.201	-0.136	0.077	0.213	-0.161	0.070	0.231				-0.142	0.053	0.196	-1.060	-0.020	1.041	-0.525	-0.012	0.565	0.9000
1.0000	-0.038	0.038	0.076	-0.027	0.056	0.083	-0.065	0.061	0.126				-0.009	-0.001	0.009	-0.460	-0.130	0.330	-0.478	-0.105	0.420	1.0000
																				-0.233	0.245	

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.903 α = 03.78																					
0.0000	-0.271	0.229	0.500	-0.359	0.213	0.572	-0.453	0.181	0.634				-0.620	-0.028	0.592	-0.666	-0.060	0.606	-0.635	0.144		0.0000
0.0125	-0.276	0.181	0.457	-0.469	0.160	0.629	-0.579	0.155	0.735	-0.707	0.155	0.863	-0.670	0.082	0.752	-0.667	0.075	0.742	-0.637			0.0125
0.0250	-0.272	0.142	0.415	-0.490	0.119	0.609	-0.598	0.130	0.729	-0.693	0.115	0.808	-0.677	0.138	0.815		0.148		-0.639			0.0250
0.0420																				0.139		0.0420
0.0500	-0.237	0.091	0.329	-0.264	0.076	0.340	-0.313	0.084	0.397		0.068		-0.562	0.089	0.651	-0.671	0.103	0.774	-0.641			0.0500
0.0640																				0.127		0.0640
0.0750	-0.201	0.064	0.265	-0.243	0.051	0.294	-0.301	0.055	0.356	-0.316			-0.377	0.064	0.441	-0.674	0.079	0.753	-0.641			0.0750
0.0810																				0.114		0.0810
0.1000	-0.201	0.048	0.250	-0.248	0.032	0.281	-0.278	0.040	0.318	-0.310	0.036	0.346	-0.333	0.042	0.375	-0.685	0.057	0.742	-0.641	0.098	0.739	0.1000
0.1500	-0.220	0.028	0.248	-0.229	0.015	0.244	-0.260	0.015	0.275	-0.269	0.016	0.284	-0.305	0.027	0.332	-0.694	0.037	0.731	-0.642	0.081	0.723	0.1500
0.2000	-0.195	0.010	0.205	-0.233	0.008	0.241	-0.242	0.017	0.259	-0.275			-0.285	0.014	0.299	-0.698	0.019	0.717	-0.641	0.060	0.700	0.2000
0.3000	-0.218	-0.015	0.203	-0.236	-0.016	0.220	-0.255	-0.007	0.248				-0.272	-0.004	0.268	-0.553	-0.003	0.550	-0.644	0.037	0.681	0.3000
0.4000	-0.236	-0.036	0.200	-0.238	-0.031	0.207	-0.246	-0.026	0.220				-0.260	-0.017	0.243	-0.207	-0.015	0.192	-0.659	0.023	0.683	0.4000
0.5000	-0.238	-0.040	0.198	-0.236	-0.044	0.192	-0.242	-0.036	0.205				-0.250	-0.030	0.220	-0.216	-0.016	0.200	-0.666	0.014	0.680	0.5000
0.6000		-0.048		-0.224	-0.049	0.175	-0.228	-0.041	0.187				-0.241	-0.032	0.209	-0.216	-0.026	0.190	-0.647	0.009	0.656	0.6000
0.7000	-0.219			-0.221	-0.048	0.173	-0.218	-0.041	0.177				-0.219	-0.037	0.182	-0.176	-0.023	0.152	-0.614	0.005	0.619	0.7000
0.8000	-0.172	-0.047	0.124	-0.164	-0.041	0.123	-0.161	-0.040	0.121				-0.175	-0.031	0.144	-0.103	-0.016	0.087	-0.520	0.002	0.522	0.8000
0.9000	-0.083	-0.019	0.064	-0.074	-0.011	0.063	-0.069	-0.022	0.047				-0.066	0.001	0.067	-0.058	0.005	0.063	-0.315	0.006	0.321	0.9000
1.0000	0.046	0.027	-0.020	0.049	0.043	-0.007	0.056	0.013	-0.043				0.108	0.060	-0.047	-0.040	0.042	0.082	-0.001	0.015	0.017	1.0000
	M = 0.957 α = 03.88																					
0.0000	-0.205	0.245	0.450	-0.377	0.215	0.592	-0.411	0.212	0.623				-0.630	0.150	0.779	-0.661	0.155	0.816	-0.665	0.150		0.0000
0.0125	-0.240	0.192	0.432	-0.437	0.163	0.600	-0.537	0.157	0.693	-0.645	0.157	0.802	-0.648	0.144	0.791	-0.662	0.136	0.798	-0.672			0.0125
0.0250	-0.255	0.150	0.405	-0.436	0.123	0.559	-0.556	0.115	0.672	-0.678	0.113	0.791	-0.646	0.127	0.773		0.117		-0.677			0.0250
0.0420																				0.100		0.0420
0.0500	-0.224	0.099	0.323	-0.250	0.078	0.327	-0.277	0.077	0.354		0.065		-0.583	0.064	0.647	-0.668	0.077	0.745	-0.680			0.0500
0.0640																				0.079		0.0640
0.0750	-0.187	0.068	0.256	-0.228	0.054	0.282	-0.275	0.050	0.324	-0.307			-0.378	0.048	0.426	-0.677	0.047	0.724	-0.684			0.0750
0.0810																				0.066		0.0810
0.1000	-0.200	0.051	0.251	-0.219	0.033	0.252	-0.280	0.029	0.310	-0.296	0.021	0.317	-0.332	0.028	0.361	-0.686	0.027	0.714	-0.686	0.055	0.741	0.1000
0.1500	-0.198	0.028	0.226	-0.231	0.011	0.242	-0.261	0.011	0.272	-0.279	-0.002	0.277	-0.300	0.001	0.302	-0.691	0.004	0.695	-0.686	0.037	0.723	0.1500
0.2000	-0.198	0.009	0.206	-0.231	0.001	0.232	-0.247	0.004	0.250	-0.275			-0.288	-0.014	0.275	-0.655	-0.013	0.642	-0.689	0.018	0.707	0.2000
0.3000	-0.217	-0.023	0.194	-0.242	-0.027	0.216	-0.254	-0.023	0.232				-0.282	-0.022	0.260	-0.462	-0.037	0.425	-0.699	-0.011	0.688	0.3000
0.4000	-0.248	-0.051	0.197	-0.246	-0.047	0.199	-0.262	-0.044	0.218				-0.279	-0.043	0.235	-0.254	-0.051	0.203	-0.730	-0.028	0.702	0.4000
0.5000	-0.254	-0.059	0.195	-0.257	-0.068	0.189	-0.264	-0.053	0.211				-0.280	-0.061	0.219	-0.269	-0.049	0.220	-0.747	-0.028	0.719	0.5000
0.6000		-0.073		-0.263	-0.076	0.187	-0.268	-0.068	0.200				-0.273	-0.065	0.208	-0.277	-0.068	0.208	-0.755	-0.027	0.728	0.6000
0.7000	-0.267			-0.274	-0.079	0.195	-0.276	-0.074	0.202				-0.278	-0.076	0.202	-0.294	-0.062	0.232	-0.748	-0.020	0.728	0.7000
0.8000	-0.280	-0.086	0.195	-0.282	-0.082	0.200	-0.284	-0.078	0.205				-0.284	-0.075	0.209	-0.307	-0.046	0.262	-0.672	-0.014	0.659	0.8000
0.9000	-0.243	-0.043	0.200	-0.243	-0.036	0.207	-0.256	-0.046	0.209				-0.244	-0.021	0.223	-0.237	-0.009	0.228	-0.506	0.009	0.515	0.9000
1.0000	-0.155	0.032	0.187	-0.159	0.057	0.216	-0.192	0.022	0.214				-0.159	0.085	0.244	-0.082	0.049	0.131	-0.250	0.047	0.297	1.0000
	M = 1.008 α = -00.05																					
0.0000	0.086	0.090	0.004	-0.015	0.039	0.054	-0.035	-0.014	0.021				-0.183	-0.115	0.067	-0.121	0.026	0.147	-0.311	-0.051		0.0000
0.0125	0.007	0.050	0.043	-0.043	0.012	0.055	-0.047	0.005	0.052	-0.074		0.074	-0.124	-0.046	0.078	-0.122	-0.018	0.105	-0.269			0.0125
0.0250	-0.042	0.020	0.062	-0.059	-0.009	0.051	-0.058	0.010	0.068	-0.091	-0.031	0.060	-0.091	-0.011	0.080		-0.049		-0.244			0.0250
0.0420																				-0.110		0.0420
0.0500	-0.052	-0.011	0.042	-0.061	-0.031	0.030	-0.076	-0.025	0.051		-0.057		-0.103	-0.047	0.056	-0.133	-0.077	0.056	-0.244			0.0500
0.0640																				-0.127		0.0640
0.0750	-0.046	-0.026	0.021	-0.066	-0.035	0.032	-0.083	-0.041	0.042	-0.099			-0.110	-0.058	0.052	-0.145	-0.083	0.061	-0.242			0.0750
0.0810																				-0.133		0.0810
0.1000	-0.060	-0.031	0.028	-0.071	-0.049	0.022	-0.093	-0.057	0.036	-0.109	-0.069	0.041	-0.110	-0.068	0.042	-0.144	-0.090	0.055	-0.240	-0.137	0.102	0.1000
0.1500	-0.066	-0.038	0.028	-0.085	-0.061	0.024	-0.092	-0.063	0.029	-0.103	-0.084	0.019	-0.113	-0.079	0.034	-0.144	-0.096	0.048	-0.234	-0.144	0.090	0.1500
0.2000	-0.070	-0.053	0.017	-0.087	-0.060	0.027	-0.083	-0.066	0.016	-0.108			-0.112	-0.084	0.027	-0.147	-0.100	0.047	-0.227	-0.155	0.072	0.2000
0.3000	-0.083	-0.075	0.008	-0.098	-0.080	0.018	-0.102	-0.081	0.021				-0.110	-0.088	0.023	-0.154	-0.120	0.035	-0.216	-0.168	0.048	0.3000
0.4000	-0.105	-0.093	0.012	-0.103	-0.090	0.013	-0.106	-0.089	0.018				-0.110	-0.088	0.022	-0.164	-0.131	0.033	-0.225	-0.179	0.047	0.4000
0.5000	-0.110	-0.090	0.020	-0.109	-0.094	0.015	-0.110	-0.094	0.016				-0.121	-0.091	0.030	-0.171	-0.141	0.029	-0.223	-0.184	0.039	0.5000
0.6000		-0.094		-0.125	-0.099	0.025	-0.128	-0.094	0.034				-0.133	-0.108	0.025	-0.179	-0.158	0.021	-0.229	-0.192	0.038	0.6000
0.7000	-0.143			-0.152	-0.121	0.032	-0.151	-0.116	0.035				-0.157	-0.117	0.040	-0.195	-0.171	0.024	-0.233	-0.195	0.038	0.7000
0.8000	-0.180	-0.154	0.026	-0.183	-0.155	0.028	-0.178	-0.145	0.033				-0.177	-0.153	0.024	-0.211	-0.186	0.025	-0.231	-0.200	0.031	0.8000
0.9000	-0.206	-0.177	0.029	-0.203	-0.174	0.029	-0.206	-0.168	0.039				-0.191	-0.162	0.028	-0.215	-0.194	0.021	-0.230	-0.196	0.035	0.9000
1.0000	-0.222	-0.194	0.028	-0.211	-0.178	0.033	-0.235	-0.182	0.053				-0.198	-0.146	0.052	-0.207	-0.195	0.012	-0.231	-0.182	0.048	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 1.002			α = 03.88										
0.0000	-0.155	0.265	0.420	-0.320	0.237	0.557	-0.365	0.252	0.616				-0.537	0.235	0.772	-0.585	0.184	0.769	-0.626	0.144		0.0000
0.0125	-0.195	0.212	0.407	-0.378	0.190	0.568	-0.458	0.195	0.654	-0.560	0.195	0.755	-0.558	0.192	0.750	-0.584	0.161	0.745	-0.635			0.0125
0.0250	-0.213	0.170	0.384	-0.376	0.154	0.530	-0.465	0.154	0.619	-0.587	0.153	0.740	-0.558	0.161	0.718		0.140		-0.641			0.0250
0.0420																						0.0420
0.0500	-0.187	0.123	0.310	-0.189	0.113	0.303	-0.219	0.116	0.335		0.109		-0.489	0.135	0.624	-0.591	0.100	0.691	-0.645	0.095		0.0500
0.0640																						0.0640
0.0750	-0.149	0.098	0.246	-0.180	0.091	0.271	-0.208	0.088	0.296	-0.246			-0.299	0.110	0.408	-0.603	0.070	0.673	-0.630	0.074		0.0750
0.0810																						0.0810
0.1000	-0.144	0.084	0.228	-0.167	0.071	0.238	-0.216	0.075	0.291	-0.230	0.067	0.297	-0.257	0.082	0.339	-0.607	0.046	0.653	-0.653	0.059		0.1000
0.1500	-0.145	0.068	0.214	-0.177	0.054	0.232	-0.190	0.054	0.244	-0.216	0.042	0.257	-0.229	0.057	0.286	-0.601	0.019	0.620	-0.653	0.049	0.702	0.1500
0.2000	-0.149	0.050	0.199	-0.167	0.045	0.212	-0.181	0.051	0.232	-0.208			-0.222	0.034	0.256	-0.559	0.002	0.561	-0.655	0.029	0.682	0.2000
0.3000	-0.156	0.022	0.178	-0.179	0.016	0.195	-0.188	0.015	0.203				-0.223	0.008	0.231	-0.386	-0.029	0.357	-0.662	0.010	0.664	0.3000
0.4000	-0.186	-0.011	0.175	-0.186	-0.013	0.174	-0.199	-0.012	0.187				-0.229	-0.019	0.210	-0.254	-0.050	0.203	-0.686	-0.021	0.642	0.4000
0.5000	-0.204	-0.027	0.178	-0.209	-0.040	0.170	-0.216	-0.040	0.176				-0.248	-0.042	0.207	-0.267	-0.054	0.213	-0.697	-0.047	0.639	0.5000
0.6000		-0.056		-0.234	-0.064	0.171	-0.237	-0.060	0.177				-0.255	-0.053	0.203	-0.272	-0.068	0.205	-0.695	-0.061	0.636	0.6000
0.7000	-0.249			-0.259	-0.076	0.183	-0.261	-0.070	0.191				-0.267	-0.076	0.192	-0.286	-0.088	0.198	-0.686	-0.073	0.623	0.7000
0.8000	-0.280	-0.097	0.183	-0.281	-0.094	0.186	-0.283	-0.091	0.192				-0.287	-0.088	0.199	-0.308	-0.107	0.201	-0.639	-0.079	0.607	0.8000
0.9000	-0.289	-0.106	0.184	-0.286	-0.101	0.185	-0.289	-0.106	0.183				-0.296	-0.096	0.200	-0.306	-0.110	0.195	-0.572	-0.093	0.545	0.9000
1.0000	-0.278	-0.108	0.170	-0.277	-0.096	0.180	-0.281	-0.116	0.165				-0.295	-0.101	0.194	-0.279	-0.098	0.181	-0.485	-0.087	0.485	0.9000
																				-0.059	0.426	1.0000
									M = 1.062			α = 03.93										
0.0000	-0.078	0.326	0.404	-0.271	0.282	0.553	-0.316	0.286	0.602				-0.482	0.280	0.762	-0.534	0.210	0.745	-0.542	0.217		0.0000
0.0125	-0.116	0.271	0.387	-0.322	0.231	0.553	-0.412	0.225	0.637	-0.516	0.218	0.734	-0.501	0.213	0.714	-0.534	0.185	0.719	-0.546			0.0125
0.0250	-0.138	0.228	0.366	-0.318	0.192	0.510	-0.424	0.182	0.606	-0.536	0.175	0.711	-0.507	0.166	0.673		0.162		-0.548			0.0250
0.0420																						0.0420
0.0500	-0.134	0.174	0.308	-0.145	0.148	0.293	-0.193	0.147	0.340		0.132		-0.474	0.133	0.607	-0.539	0.124	0.663	-0.551	0.152		0.0500
0.0640																						0.0640
0.0750	-0.108	0.142	0.251	-0.143	0.127	0.269	-0.180	0.119	0.299	-0.220			-0.291	0.105	0.396	-0.549	0.096	0.645	-0.555	0.129		0.0750
0.0810																						0.0810
0.1000	-0.109	0.123	0.232	-0.139	0.104	0.244	-0.185	0.098	0.284	-0.214	0.089	0.303	-0.242	0.089	0.331	-0.547	0.076	0.624	-0.559	0.116		0.1000
0.1500	-0.110	0.101	0.211	-0.151	0.079	0.231	-0.169	0.073	0.243	-0.196	0.058	0.255	-0.217	0.058	0.275	-0.525	0.052	0.577	-0.559	0.106	0.665	0.1500
0.2000	-0.130	0.076	0.206	-0.138	0.070	0.208	-0.168	0.066	0.234	-0.183			-0.211	0.042	0.252	-0.479	0.038	0.517	-0.560	0.087	0.646	0.2000
0.3000	-0.134	0.038	0.172	-0.162	0.031	0.193	-0.176	0.023	0.199				-0.201	0.017	0.218	-0.332	0.015	0.347	-0.565	0.066	0.626	0.3000
0.4000	-0.165		0.165	-0.168	-0.001	0.167	-0.175	-0.004	0.171				-0.196	0.004	0.200	-0.203	0.004	0.207	-0.565	0.039	0.604	0.4000
0.5000	-0.171	-0.014	0.157	-0.169	-0.019	0.150	-0.178	-0.018	0.160				-0.192	-0.003	0.189	-0.192	0.010	0.202	-0.586	0.013	0.599	0.5000
0.6000		-0.020		-0.177	-0.022	0.155	-0.181	-0.016	0.165				-0.187	-0.006	0.181	-0.195	-0.010	0.185	-0.595	-0.004	0.591	0.6000
0.7000	-0.176			-0.182	-0.016	0.166	-0.183	-0.014	0.169				-0.184	-0.018	0.166	-0.198	-0.025	0.173	-0.591	-0.019	0.572	0.7000
0.8000	-0.191	-0.034	0.158	-0.191	-0.030	0.161	-0.196	-0.026	0.170				-0.191	-0.028	0.162	-0.217	-0.041	0.176	-0.581	-0.023	0.559	0.8000
0.9000	-0.192	-0.037	0.155	-0.190	-0.034	0.157	-0.195	-0.037	0.158				-0.197	-0.034	0.163	-0.215	-0.047	0.168	-0.539	-0.030	0.509	0.9000
1.0000	-0.180	-0.038	0.142	-0.179	-0.027	0.152	-0.179	-0.046	0.133				-0.202	-0.034	0.168	-0.192	-0.042	0.150	-0.479	-0.026	0.453	1.0000
																			-0.401	-0.011	0.390	
									M = 1.109			α = 03.93										
0.0000	-0.110	0.284	0.394	-0.235	0.265	0.500	-0.261	0.281	0.543				-0.348	0.337	0.685	-0.490	0.260	0.749	-0.516	0.250		0.0000
0.0125	-0.118	0.235	0.352	-0.243	0.220	0.464	-0.300	0.255	0.554	-0.357	0.290	0.646	-0.389	0.289	0.678	-0.489	0.234	0.723	-0.520			0.0125
0.0250	-0.120	0.196	0.316	-0.221	0.187	0.408	-0.285	0.232	0.517	-0.363	0.246	0.609	-0.398	0.252	0.650		0.211		-0.523			0.0250
0.0420																						0.0420
0.0500	-0.107	0.152	0.259	-0.083	0.156	0.239	-0.098	0.199	0.297		0.209		-0.319	0.213	0.532	-0.495	0.173	0.668	-0.528	0.187		0.0500
0.0640																						0.0640
0.0750	-0.070	0.127	0.197	-0.069	0.154	0.223	-0.084	0.180	0.264	-0.130			-0.158	0.192	0.351	-0.505	0.147	0.652	-0.533	0.163		0.0750
0.0810																						0.0810
0.1000	-0.056	0.123	0.179	-0.061	0.147	0.208	-0.086	0.174	0.260	-0.123	0.174	0.296	-0.152	0.168	0.320	-0.500	0.128	0.629	-0.537	0.149		0.1000
0.1500	-0.034	0.140	0.174	-0.060	0.153	0.212	-0.069	0.166	0.236	-0.110	0.148	0.259	-0.141	0.142	0.283	-0.463	0.105	0.567	-0.538	0.139	0.676	0.1500
0.2000	-0.054	0.148	0.202	-0.042	0.166	0.208	-0.077	0.161	0.238	-0.103			-0.132	0.113	0.245	-0.400	0.093	0.493	-0.540	0.119	0.657	0.2000
0.3000	-0.045	0.137	0.182	-0.079	0.120	0.199	-0.097	0.112	0.209				-0.142	0.080	0.222	-0.234	0.071	0.304	-0.545	0.098	0.638	0.3000
0.4000	-0.091	0.080	0.171	-0.104	0.072	0.175	-0.118	0.069	0.187				-0.152	0.065	0.217	-0.168	0.054	0.222	-0.562	0.068	0.613	0.4000
0.5000	-0.126	0.053	0.178	-0.127	0.044	0.172	-0.141	0.062	0.203				-0.162	0.057	0.219	-0.178	0.049	0.227	-0.567	0.045	0.607	0.5000
0.6000		0.042		-0.149	0.038	0.187	-0.157	0.045	0.202				-0.162	0.045	0.208	-0.180	0.024	0.204	-0.561	0.029	0.596	0.6000
0.7000	-0.151			-0.159	0.027	0.186	-0.158	0.031	0.189				-0.157	0.024	0.182	-0.183	0.000	0.183	-0.545	0.013	0.574	0.7000
0.8000	-0.170	-0.002	0.168	-0.170	-0.001	0.168	-0.169	0.004	0.174				-0.171	-0.002	0.169	-0.196	-0.022	0.173	-0.491	0.010	0.555	0.8000
0.9000	-0.175	-0.029	0.146	-0.175	-0.027	0.148	-0.179	-0.024	0.155				-0.178	-0.013	0.165	-0.193	-0.036	0.157	-0.413	0.003	0.494	0.9000
1.0000	-0.166	-0.060	0.106	-0.175	-0.051	0.124	-0.187	-0.054	0.133				-0.178	-0.010	0.168	-0.175	-0.042	0.133	-0.311	0.007	0.420	1.0000
																				0.023	0.333	

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 1.299			α = -04.18										
0.0000	0.329	-0.182	-0.511	0.234	-0.235	-0.469	0.224	-0.269	-0.493				0.244	-0.339	-0.583	0.245	-0.413	-0.657	0.239	-0.453		0.0000
0.0125	0.221	-0.137	-0.357	0.179	-0.215	-0.395	0.179	-0.276	-0.455	0.187	-0.322	-0.509	0.197	-0.340	-0.537	0.208	-0.407	-0.615	0.204			0.0125
0.0250	0.147	-0.107	-0.254	0.141	-0.196	-0.337	0.145	-0.272	-0.417	0.155	-0.310	-0.465	0.160	-0.337	-0.497		-0.405		0.176			0.0250
0.0420																				-0.454		0.0420
0.0500	0.104	-0.094	-0.198	0.115	-0.157	-0.272	0.106	-0.235	-0.342		-0.251		0.116	-0.326	-0.442	0.133	-0.407	-0.541	0.139			0.0500
0.0640																				-0.453		0.0640
0.0750	0.096	-0.100	-0.196	0.086	-0.117	-0.204	0.090	-0.117	-0.207	0.062			0.104	-0.177	-0.281	0.113	-0.410	-0.523	0.116			0.0750
0.0810																				-0.452		0.0810
0.1000	0.079	-0.089	-0.167	0.070	-0.111	-0.181	0.083	-0.121	-0.204	0.074	-0.154	-0.228	0.081	-0.137	-0.218	0.090	-0.399	-0.488	0.105	-0.457	-0.562	0.1000
0.1500	0.060	-0.087	-0.146	0.051	-0.095	-0.146	0.067	-0.125	-0.192	0.061	-0.124	-0.186	0.073	-0.123	-0.196	0.066	-0.303	-0.369	0.088	-0.460	-0.548	0.1500
0.2000	0.039	-0.082	-0.121	0.066	-0.088	-0.154	0.057	-0.069	-0.126	0.061			0.067	-0.138	-0.205	0.063	-0.254	-0.318	0.073	-0.461	-0.534	0.2000
0.3000	0.052	-0.089	-0.141	0.044	-0.084	-0.128	0.047	-0.111	-0.158				0.050	-0.122	-0.172	0.049	-0.207	-0.256	0.057	-0.429	-0.486	0.3000
0.4000	0.036	-0.101	-0.137	0.036	-0.106	-0.142	0.037	-0.110	-0.147				0.032	-0.129	-0.160	0.039	-0.187	-0.226	0.044	-0.408	-0.453	0.4000
0.5000	0.019	-0.107	-0.126	0.020	-0.119	-0.139	0.018	-0.114	-0.132				0.024	-0.127	-0.151	0.021	-0.173	-0.194	0.029	-0.374	-0.403	0.5000
0.6000		-0.120		0.017	-0.122	-0.139	0.016	-0.131	-0.147				0.020	-0.140	-0.160	0.020	-0.168	-0.188	0.020	-0.335	-0.354	0.6000
0.7000	0.004			0.001	-0.130	-0.131	0.013	-0.124	-0.136				0.021	-0.135	-0.156	0.023	-0.173	-0.196	0.015	-0.286	-0.301	0.7000
0.8000	-0.015	-0.141	-0.126	-0.014	-0.139	-0.125	-0.006	-0.138	-0.131				0.009	-0.137	-0.147	0.005	-0.167	-0.172	0.011	-0.238	-0.250	0.8000
0.9000	-0.022	-0.114	-0.093	-0.016	-0.117	-0.101	-0.023	-0.128	-0.105				-0.004	-0.134	-0.130	0.002	-0.161	-0.164	0.004	-0.199	-0.204	0.9000
1.0000	-0.016	-0.062	-0.046	-0.003	-0.063	-0.060	-0.038	-0.095	-0.057				-0.019	-0.126	-0.106	0.015	-0.155	-0.170	-0.005	-0.168	-0.163	1.0000
									M = 1.304			α = -00.10										
0.0000	0.148	0.102	-0.046	0.052	0.077	0.025	0.033	0.053	0.020				-0.035	0.020	0.055	-0.009	-0.008	0.001	-0.082	-0.050		0.0000
0.0125	0.085	0.079	-0.006	0.021	0.044	0.024	0.018	0.025	0.007	-0.018	0.008	0.025	-0.019	0.012	0.030	-0.017	-0.008	0.009	-0.079			0.0125
0.0250	0.039	0.059	0.021	0.002	0.020	0.018	0.004	0.005	0.001	-0.022	0.004	0.026	-0.012	0.000	0.012		-0.012		-0.080			0.0250
0.0420																				-0.060		0.0420
0.0500	-0.001	0.030	0.030	0.000	-0.003	-0.003	-0.022	-0.013	0.009		-0.008		-0.027	-0.031	-0.004	-0.041	-0.035	0.006	-0.096			0.0500
0.0640																				-0.065		0.0640
0.0750	0.003	0.004	0.001	-0.016	-0.008	0.007	-0.033	-0.022	0.012	-0.026			-0.040	-0.032	0.009	-0.057	-0.046	0.012	-0.103			0.0750
0.0810																				-0.069		0.0810
0.1000	-0.002	-0.003		-0.026	-0.016	0.010	-0.040	-0.020	0.020	-0.035	-0.031	0.004	-0.050	-0.033	0.017	-0.066	-0.049	0.017	-0.103	-0.070	0.032	0.1000
0.1500	-0.024	-0.009	0.015	-0.036	-0.021	0.015	-0.030	-0.027	0.003	-0.040	-0.038	0.002	-0.045	-0.016	0.030	-0.073	-0.055	0.018	-0.103	-0.072	0.031	0.1500
0.2000	-0.036	-0.020	0.016	-0.021	-0.015	0.006	-0.029	-0.014	0.015	-0.046			-0.032	-0.028	0.003	-0.075	-0.057	0.018	-0.104	-0.081	0.023	0.2000
0.3000	-0.023	-0.026	-0.003	-0.033	-0.013	0.019	-0.036	-0.027	0.009				-0.052	-0.032	0.020	-0.072	-0.063	0.009	-0.099	-0.087	0.013	0.3000
0.4000	-0.036	-0.031	0.006	-0.040	-0.029	0.012	-0.046	-0.031	0.016				-0.046	-0.042	0.004	-0.071	-0.072	-0.001	-0.102	-0.093	0.009	0.4000
0.5000	-0.044	-0.038	0.005	-0.039	-0.044	-0.005	-0.052	-0.054	-0.002				-0.064	-0.049	0.016	-0.067	-0.065	0.002	-0.101	-0.096	0.006	0.5000
0.6000		-0.054		-0.054	-0.054		-0.052	-0.056	-0.004				-0.061	-0.064	-0.002	-0.069	-0.072	-0.003	-0.101	-0.099	0.002	0.6000
0.7000	-0.049			-0.057	-0.062	-0.005	-0.056	-0.057	-0.002				-0.053	-0.065	-0.012	-0.077	-0.083	-0.006	-0.101	-0.100	0.001	0.7000
0.8000	-0.078	-0.079	-0.001	-0.076	-0.081	-0.004	-0.073	-0.074	-0.002				-0.064	-0.073	-0.009	-0.078	-0.083	-0.005	-0.101	-0.099	0.002	0.8000
0.9000	-0.085	-0.075	0.009	-0.080	-0.071	0.009	-0.083	-0.076	0.007				-0.072	-0.075	-0.003	-0.082	-0.089	-0.007	-0.098	-0.094	0.004	0.9000
1.0000	-0.071	-0.062	0.009	-0.067	-0.034	0.033	-0.087	-0.061	0.026				-0.075	-0.071	0.004	-0.089	-0.100	-0.011	-0.091	-0.085	0.006	1.0000
									M = 1.303			α = 03.83										
0.0000	-0.148	0.296	0.444	-0.269	0.250	0.519	-0.300	0.229	0.529				-0.371	0.253	0.624	-0.427	0.234	0.661	-0.443	0.228		0.0000
0.0125	-0.122	0.234	0.356	-0.237	0.197	0.434	-0.315	0.189	0.504	-0.386	0.202	0.588	-0.364	0.198	0.562	-0.424	0.212	0.637	-0.439			0.0125
0.0250	-0.108	0.187	0.295	-0.209	0.156	0.366	-0.310	0.157	0.468	-0.382	0.156	0.538	-0.358	0.158	0.516		0.194		-0.438			0.0250
0.0420																				0.167		0.0420
0.0500	-0.117	0.138	0.256	-0.167	0.115	0.283	-0.244	0.115	0.359		0.122		-0.354	0.121	0.475	-0.422	0.167	0.589	-0.443			0.0500
0.0640																				0.144		0.0640
0.0750	-0.108	0.100	0.207	-0.129	0.094	0.223	-0.171	0.086	0.257	-0.162			-0.231	0.100	0.331	-0.426	0.129	0.554	-0.440			0.0750
0.0810																				0.130		0.0810
0.1000	-0.101	0.086	0.188	-0.126	0.078	0.204	-0.158	0.078	0.236	-0.154	0.075	0.229	-0.174	0.095	0.269	-0.416	0.109	0.526	-0.442	0.118	0.560	0.1000
0.1500	-0.104	0.070	0.174	-0.114	0.059	0.174	-0.125	0.062	0.187	-0.149	0.070	0.220	-0.160	0.083	0.243	-0.354	0.088	0.442	-0.445	0.102	0.548	0.1500
0.2000	-0.102	0.051	0.153	-0.096	0.064	0.160	-0.115	0.075	0.191	-0.130			-0.134	0.059	0.193	-0.285	0.077	0.361	-0.450	0.082	0.532	0.2000
0.3000	-0.092	0.046	0.137	-0.104	0.061	0.165	-0.112	0.053	0.165				-0.146	0.056	0.202	-0.207	0.042	0.248	-0.434	0.063	0.497	0.3000
0.4000	-0.103	0.037	0.141	-0.111	0.037	0.148	-0.124	0.038	0.162				-0.130	0.027	0.157	-0.168	0.036	0.205	-0.423	0.047	0.470	0.4000
0.5000	-0.111	0.028	0.139	-0.110	0.019	0.129	-0.123	0.020	0.143				-0.142	0.024	0.167	-0.155	0.028	0.184	-0.405	0.032	0.437	0.5000
0.6000		0.012		-0.121	0.010	0.130	-0.126	0.007	0.134				-0.132	0.011	0.143	-0.149	0.012	0.161	-0.378	0.021	0.399	0.6000
0.7000	-0.112			-0.120	0.001	0.121	-0.128	0.005	0.134				-0.131	-0.007	0.124	-0.145	0.014	0.160	-0.348	0.019	0.366	0.7000
0.8000	-0.141	-0.017	0.124	-0.138	-0.014	0.123	-0.138	-0.001	0.137				-0.135	0.005	0.140	-0.155		0.155	-0.318	0.021	0.340	0.8000
0.9000	-0.148	-0.008	0.141	-0.149	-0.009	0.140	-0.155	-0.017	0.138				-0.151	-0.016	0.135	-0.154	-0.007	0.148	-0.271	0.026	0.296	0.9000
1.0000	-0.132	0.018	0.150	-0.154	0.017	0.171	-0.179	-0.042	0.137				-0.177	-0.069	0.108	-0.143	-0.004	0.139	-0.204	0.032	0.236	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 1.301			α = 07.81										
0.0000	-0.284	0.383	0.666	-0.490	0.329	0.818	-0.506	0.299	0.806				-0.509	0.292	0.801	-0.483	0.261	0.745	-0.483	0.272		0.0000
0.0125	-0.413	0.341	0.754	-0.488	0.295	0.783	-0.506	0.278	0.784	-0.513	0.283	0.796	-0.497	0.274	0.771	-0.481	0.269	0.751	-0.489			0.0125
0.0250	-0.446	0.305	0.750	-0.489	0.267	0.755	-0.507	0.258	0.765	-0.518	0.277	0.794	-0.490	0.260	0.750		0.273		-0.493			0.0250
0.0420																				0.254		0.0420
0.0500	-0.221	0.246	0.466	-0.499	0.225	0.724	-0.508	0.225	0.733		0.228		-0.494	0.242	0.736	-0.479	0.265	0.744	-0.494			0.0500
0.0640																				0.244		0.0640
0.0750	-0.200	0.204	0.404	-0.406	0.200	0.606	-0.503	0.202	0.705	-0.522			-0.498	0.226	0.724	-0.481	0.240	0.721	-0.495			0.0750
0.0810																				0.235		0.0810
0.1000	-0.198	0.190	0.388	-0.264	0.180	0.444	-0.476	0.183	0.660	-0.497	0.193	0.690	-0.506	0.204	0.710	-0.483	0.215	0.699	-0.496	0.229	0.725	0.1000
0.1500	-0.177	0.163	0.341	-0.162	0.158	0.320	-0.397	0.159	0.556	-0.453	0.184	0.637	-0.495	0.174	0.669	-0.489	0.186	0.675	-0.495	0.217	0.712	0.1500
0.2000	-0.170	0.141	0.311	-0.167	0.159	0.326	-0.168	0.186	0.354	-0.373			-0.489	0.165	0.655	-0.499	0.167	0.666	-0.497	0.202	0.699	0.2000
0.3000	-0.157	0.143	0.300	-0.155	0.149	0.304	-0.163	0.145	0.309				-0.369	0.133	0.502	-0.504	0.155	0.659	-0.497	0.184	0.680	0.3000
0.4000	-0.163	0.117	0.280	-0.164	0.123	0.287	-0.170	0.115	0.285				-0.133	0.134	0.267	-0.526	0.129	0.655	-0.503	0.175	0.677	0.4000
0.5000	-0.175	0.108	0.282	-0.177	0.104	0.281	-0.182	0.106	0.287				-0.166	0.106	0.273	-0.537	0.125	0.662	-0.511	0.164	0.675	0.5000
0.6000		0.100		-0.172	0.097	0.270	-0.184	0.100	0.284				-0.176	0.092	0.268	-0.540	0.113	0.653	-0.515	0.143	0.659	0.6000
0.7000	-0.174			-0.181	0.087	0.268	-0.187	0.088	0.275				-0.174	0.100	0.273	-0.527	0.108	0.635	-0.531	0.128	0.659	0.7000
0.8000	-0.198	0.070	0.268	-0.194	0.076	0.270	-0.195	0.075	0.270				-0.187	0.085	0.272	-0.400	0.108	0.508	-0.536	0.115	0.650	0.8000
0.9000	-0.197	0.091	0.289	-0.197	0.097	0.294	-0.201	0.085	0.286				-0.194	0.083	0.277	-0.158	0.080	0.238	-0.540	0.110	0.650	0.9000
1.0000	-0.172	0.137	0.309	-0.192	0.149	0.341	-0.205	0.118	0.323				-0.194	0.094	0.288	0.199	0.025	-0.174	-0.543	0.114	0.657	1.0000
									M = 1.301			α = 11.84										
0.0000	-0.534	0.426	0.960	-0.598	0.371	0.969	-0.585	0.325	0.910				-0.550	0.313	0.863	-0.525	0.241	0.766	-0.532	0.321		0.0000
0.0125	-0.586	0.430	1.015	-0.591	0.380	0.971	-0.583	0.347	0.930	-0.564	0.327	0.891	-0.544	0.341	0.886	-0.525	0.289	0.814	-0.536			0.0125
0.0250	-0.600	0.423	1.023	-0.591	0.379	0.970	-0.582	0.356	0.938	-0.563	0.345	0.908	-0.541	0.356	0.897		0.321		-0.540			0.0250
0.0420																				0.326		0.0420
0.0500	-0.519	0.376	0.895	-0.613	0.342	0.955	-0.582	0.331	0.913		0.342		-0.540	0.347	0.888	-0.525	0.334	0.859	-0.545			0.0500
0.0640																				0.328		0.0640
0.0750	-0.330	0.340	0.670	-0.617	0.321	0.938	-0.601	0.310	0.911	-0.577			-0.546	0.337	0.883	-0.527	0.332	0.859	-0.544			0.0750
0.0810																				0.329		0.0810
0.1000	-0.287	0.311	0.598	-0.605	0.295	0.901	-0.610	0.295	0.905	-0.593	0.318	0.910	-0.559	0.323	0.882	-0.530	0.323	0.853	-0.545	0.326	0.871	0.1000
0.1500	-0.246	0.277	0.523	-0.494	0.262	0.756	-0.619	0.290	0.909	-0.626	0.296	0.922	-0.594	0.295	0.889	-0.541	0.309	0.849	-0.546	0.318	0.864	0.1500
0.2000	-0.219	0.250	0.469	-0.211	0.278	0.489	-0.615	0.291	0.906	-0.630			-0.610	0.270	0.880	-0.550	0.289	0.839	-0.549	0.307	0.856	0.2000
0.3000	-0.197	0.258	0.455	-0.190	0.250	0.440	-0.225	0.252	0.478				-0.633	0.255	0.888	-0.572	0.261	0.833	-0.549	0.281	0.829	0.3000
0.4000	-0.204	0.219	0.423	-0.210	0.222	0.432	-0.203	0.228	0.432				-0.590	0.238	0.828	-0.605	0.257	0.861	-0.564	0.258	0.822	0.4000
0.5000	-0.219	0.210	0.430	-0.217	0.213	0.430	-0.209	0.216	0.425				-0.335	0.218	0.553	-0.633	0.253	0.886	-0.575	0.242	0.818	0.5000
0.6000		0.202		-0.221	0.200	0.420	-0.220	0.204	0.424				-0.220	0.219	0.439	-0.640	0.225	0.866	-0.583	0.227	0.810	0.6000
0.7000	-0.213			-0.228	0.220	0.448	-0.223	0.222	0.445				-0.206	0.222	0.428	-0.642	0.192	0.835	-0.586	0.219	0.806	0.7000
0.8000	-0.232	0.181	0.413	-0.232	0.184	0.416	-0.233	0.198	0.431				-0.214	0.172	0.387	-0.661	0.176	0.837	-0.586	0.204	0.790	0.8000
0.9000	-0.237	0.153	0.390	-0.239	0.159	0.399	-0.245	0.158	0.403				-0.226	0.159	0.385	-0.662	0.159	0.821	-0.501	0.200	0.701	0.9000
1.0000	-0.229	0.112	0.341	-0.250	0.147	0.397	-0.262	0.101	0.363				-0.241	0.181	0.422	-0.646	0.141	0.787	-0.333	0.206	0.539	1.0000
									M = 1.300			α = 15.87										
0.0000	-0.651	0.471	1.122	-0.670	0.398	1.068	-0.643	0.349	0.992				-0.591	0.299	0.890	-0.586	0.211	0.797	-0.599	0.280		0.0000
0.0125	-0.661	0.517	1.179	-0.662	0.445	1.106	-0.638	0.402	1.040	-0.614	0.363	0.977	-0.591	0.372	0.963	-0.585	0.314	0.899	-0.603			0.0125
0.0250	-0.669	0.537	1.207	-0.659	0.470	1.129	-0.635	0.435	1.070	-0.613	0.413	1.026	-0.590	0.419	1.009		0.381		-0.606			0.0250
0.0420																				0.345		0.0420
0.0500	-0.677	0.500	1.177	-0.671	0.455	1.126	-0.635	0.439	1.074		0.432		-0.588	0.432	1.020	-0.585	0.413	0.998	-0.608			0.0500
0.0640																				0.363		0.0640
0.0750	-0.665	0.464	1.130	-0.695	0.436	1.131	-0.644	0.426	1.069	-0.615			-0.591	0.433	1.024	-0.588	0.419	1.007	-0.608			0.0750
0.0810																				0.370		0.0810
0.1000	-0.580	0.436	1.016	-0.697	0.414	1.111	-0.684	0.425	1.108	-0.640	0.423	1.063	-0.593	0.427	1.020	-0.592	0.421	1.013	-0.608	0.376	0.984	0.1000
0.1500	-0.351	0.397	0.748	-0.676	0.396	1.073	-0.697	0.411	1.108	-0.685	0.396	1.082	-0.646	0.412	1.058	-0.602	0.399	1.001	-0.607	0.382	0.989	0.1500
0.2000	-0.289	0.375	0.665	-0.546	0.397	0.943	-0.704	0.402	1.106	-0.694			-0.675	0.394	1.070	-0.601	0.382	0.983	-0.613	0.384	0.997	0.2000
0.3000	-0.258	0.358	0.616	-0.332	0.356	0.688	-0.593	0.369	0.962				-0.682	0.388	1.070	-0.616	0.360	0.977	-0.606	0.381	0.987	0.3000
0.4000	-0.272	0.325	0.597	-0.297	0.347	0.644	-0.398	0.365	0.763				-0.699	0.380	1.078	-0.680	0.333	1.013	-0.617	0.358	0.975	0.4000
0.5000	-0.273	0.347	0.620	-0.288	0.338	0.626	-0.345	0.339	0.685				-0.649	0.356	1.005	-0.688	0.333	1.020	-0.618	0.346	0.964	0.5000
0.6000		0.299		-0.285	0.295	0.580	-0.307	0.304	0.612				-0.567	0.318	0.885	-0.674	0.318	0.992	-0.615	0.324	0.939	0.6000
0.7000	-0.250			-0.279	0.284	0.563	-0.298	0.295	0.593				-0.466	0.304	0.770	-0.677	0.307	0.984	-0.612	0.315	0.927	0.7000
0.8000	-0.282	0.270	0.552	-0.291	0.285	0.576	-0.295	0.290	0.586				-0.392	0.289	0.682	-0.681	0.280	0.962	-0.620	0.304	0.924	0.8000
0.9000	-0.286	0.254	0.540	-0.305	0.267	0.572	-0.300	0.265	0.565				-0.345	0.266	0.610	-0.684	0.264	0.949	-0.644	0.301	0.946	0.9000
1.0000	-0.262	0.237	0.499	-0.323	0.229	0.552	-0.313	0.220	0.533				-0.324	0.232	0.557	-0.686	0.258	0.944	-0.684	0.308	0.991	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 1.500 α = 03.78																					
0.0000	-0.117	0.260	0.377	-0.247	0.240	0.487	-0.273	0.228	0.500				-0.326	0.244	0.569	-0.391	0.247	0.637	-0.482	0.222		0.0000
0.0125	-0.116	0.205	0.321	-0.212	0.185	0.398	-0.259	0.185	0.444	-0.309	0.203	0.512	-0.305	0.193	0.499	-0.374	0.203	0.577	-0.447			0.0125
0.0250	-0.116	0.163	0.278	-0.186	0.144	0.330	-0.246	0.153	0.399	-0.290	0.162	0.452	-0.293	0.155	0.448				-0.424			0.0250
0.0420																				0.158		0.0420
0.0500	-0.119	0.116	0.235	-0.156	0.103	0.259	-0.217	0.119	0.336		0.125		-0.290	0.117	0.408	-0.348	0.133	0.481	-0.417			0.0500
0.0640																				0.135		0.0640
0.0750	-0.109	0.089	0.198	-0.138	0.086	0.224	-0.165	0.101	0.266	-0.146			-0.260	0.104	0.365	-0.350	0.114	0.464	-0.416			0.0750
0.0810																				0.123		0.0810
0.1000	-0.108	0.076	0.185	-0.123	0.075	0.198	-0.140	0.089	0.229	-0.132	0.077	0.209	-0.169	0.093	0.262	-0.347	0.104	0.451	-0.419	0.113	0.531	0.1000
0.1500	-0.101	0.066	0.168	-0.098	0.067	0.166	-0.113	0.060	0.172	-0.118	0.064	0.182	-0.130	0.073	0.203	-0.309	0.077	0.387	-0.418	0.096	0.514	0.1500
0.2000	-0.085	0.058	0.143	-0.084	0.058	0.142	-0.095	0.068	0.164	-0.098			-0.112	0.056	0.168	-0.205	0.061	0.266	-0.418	0.080	0.498	0.2000
0.3000	-0.068	0.037	0.105	-0.074	0.042	0.116	-0.088	0.039	0.127				-0.108	0.048	0.156	-0.147	0.039	0.186	-0.374	0.057	0.431	0.3000
0.4000	-0.082	0.022	0.104	-0.086	0.031	0.118	-0.092	0.032	0.125				-0.108	0.031	0.139	-0.142	0.039	0.181	-0.308	0.037	0.345	0.4000
0.5000	-0.098	0.020	0.119	-0.099	0.020	0.119	-0.101	0.022	0.123				-0.107	0.025	0.132	-0.144	0.024	0.168	-0.242	0.028	0.270	0.5000
0.6000		0.011		-0.097	0.008	0.105	-0.104	0.014	0.118				-0.110	0.027	0.136	-0.131	0.018	0.149	-0.213	0.018	0.232	0.6000
0.7000	-0.094			-0.105	0.016	0.120	-0.107	0.017	0.124				-0.110	0.012	0.122	-0.136	0.014	0.149	-0.200	0.014	0.214	0.7000
0.8000	-0.127	-0.002	0.125	-0.124	0.004	0.128	-0.124	0.014	0.138				-0.115	0.015	0.130	-0.141	-0.001	0.140	-0.192	0.010	0.203	0.8000
0.9000	-0.124	0.005	0.129	-0.120	0.001	0.121	-0.122	-0.004	0.117				-0.121	-0.003	0.118	-0.130	0.003	0.133	-0.188	0.017	0.206	0.9000
1.0000	-0.086	0.020	0.106	-0.091	0.007	0.098	-0.100	-0.038	0.062				-0.131	-0.042	0.088	-0.102	0.025	0.127	-0.188	0.035	0.223	1.0000
	M = 1.703 α = 03.73																					
0.0000	-0.095	0.254	0.349	-0.201	0.248	0.449	-0.230	0.253	0.483				-0.303	0.234	0.537	-0.298	0.235	0.533	-0.317	0.188		0.0000
0.0125	-0.094	0.200	0.294	-0.164	0.195	0.359	-0.189	0.199	0.388	-0.227	0.200	0.427	-0.254	0.189	0.443	-0.287	0.190	0.477	-0.325			0.0125
0.0250	-0.093	0.160	0.253	-0.137	0.155	0.291	-0.161	0.159	0.320	-0.202	0.155	0.357	-0.222	0.154	0.376		0.155		-0.328			0.0250
0.0420																				0.135		0.0420
0.0500	-0.090	0.125	0.215	-0.111	0.115	0.226	-0.145	0.118	0.263		0.115		-0.209	0.116	0.325	-0.261	0.115	0.375	-0.316			0.0500
0.0640																				0.115		0.0640
0.0750	-0.074	0.103	0.177	-0.096	0.102	0.198	-0.128	0.092	0.220	-0.168			-0.202	0.096	0.298	-0.251	0.090	0.341	-0.309			0.0750
0.0810																				0.102		0.0810
0.1000	-0.065	0.093	0.158	-0.083	0.081	0.164	-0.106	0.078	0.185	-0.147	0.080	0.227	-0.196	0.084	0.280	-0.242	0.077	0.318	-0.302	0.094	0.396	0.1000
0.1500	-0.060	0.068	0.128	-0.076	0.058	0.134	-0.097	0.072	0.168	-0.119	0.054	0.173	-0.157	0.073	0.229	-0.244	0.059	0.303	-0.293	0.078	0.371	0.1500
0.2000	-0.071	0.049	0.121	-0.081	0.064	0.145	-0.097	0.076	0.174	-0.113			-0.124	0.050	0.174	-0.238	0.059	0.297	-0.289	0.066	0.355	0.2000
0.3000	-0.087	0.051	0.137	-0.094	0.044	0.139	-0.101	0.053	0.154				-0.100	0.037	0.137	-0.192	0.032	0.224	-0.275	0.051	0.326	0.3000
0.4000	-0.076	0.014	0.090	-0.073	0.020	0.093	-0.081	0.024	0.105				-0.086	0.026	0.111	-0.126	0.020	0.147	-0.284	0.036	0.320	0.4000
0.5000	-0.077	0.025	0.102	-0.077	0.029	0.106	-0.075	0.018	0.093				-0.093	0.025	0.118	-0.120	0.028	0.148	-0.283	0.025	0.308	0.5000
0.6000		0.027		-0.086	0.022	0.108	-0.091	0.021	0.112				-0.099	0.023	0.122	-0.116	0.009	0.125	-0.268	0.010	0.279	0.6000
0.7000	-0.067			-0.086	0.011	0.097	-0.095	0.020	0.115				-0.098	0.020	0.118	-0.118	0.017	0.135	-0.239	0.012	0.251	0.7000
0.8000	-0.106	0.000	0.107	-0.102	0.003	0.104	-0.105	0.000	0.105				-0.102	0.004	0.106	-0.123	0.011	0.134	-0.200	0.014	0.214	0.8000
0.9000	-0.117	-0.010	0.107	-0.112	-0.009	0.104	-0.117	-0.010	0.107				-0.108	-0.006	0.102	-0.118	-0.006	0.111	-0.174	0.026	0.200	0.9000
1.0000	-0.099	-0.020	0.080	-0.118	-0.023	0.095	-0.134	-0.012	0.122				-0.118	-0.011	0.107	-0.104	-0.037	0.068	-0.162	0.046	0.208	1.0000
	M = 1.906 α = 03.93																					
0.0000	-0.074	0.282	0.356	-0.128	0.255	0.383	-0.144	0.231	0.375				-0.181	0.259	0.440	-0.180	0.244	0.424	-0.169	0.201		0.0000
0.0125	-0.070	0.216	0.286	-0.115	0.205	0.319	-0.141	0.193	0.334	-0.167	0.215	0.382	-0.166	0.211	0.377	-0.177	0.206	0.382	-0.198			0.0125
0.0250	-0.067	0.168	0.236	-0.105	0.165	0.269	-0.137	0.163	0.300	-0.156	0.177	0.332	-0.155	0.175	0.330		0.175		-0.214			0.0250
0.0420																				0.149		0.0420
0.0500	-0.069	0.127	0.195	-0.094	0.118	0.212	-0.125	0.131	0.256		0.140		-0.145	0.138	0.283	-0.174	0.140	0.314	-0.207			0.0500
0.0640																				0.130		0.0640
0.0750	-0.063	0.100	0.163	-0.089	0.101	0.189	-0.114	0.114	0.228	-0.129			-0.141	0.117	0.258	-0.179	0.118	0.296	-0.206			0.0750
0.0810																				0.119		0.0810
0.1000	-0.061	0.099	0.160	-0.085	0.086	0.171	-0.110	0.104	0.214	-0.125	0.099	0.224	-0.137	0.105	0.242	-0.177	0.107	0.284	-0.203	0.112	0.315	0.1000
0.1500	-0.057	0.081	0.138	-0.078	0.084	0.162	-0.107	0.088	0.195	-0.117	0.077	0.194	-0.133	0.092	0.225	-0.178	0.084	0.262	-0.202	0.099	0.301	0.1500
0.2000	-0.062	0.073	0.135	-0.067	0.079	0.146	-0.085	0.093	0.178	-0.095			-0.127	0.082	0.210	-0.165	0.074	0.238	-0.214	0.087	0.301	0.2000
0.3000	-0.064	0.054	0.117	-0.061	0.064	0.126	-0.076	0.060	0.137				-0.081	0.071	0.152	-0.173	0.048	0.221	-0.189	0.068	0.257	0.3000
0.4000	-0.062	0.039	0.101	-0.064	0.046	0.110	-0.075	0.047	0.122				-0.082	0.048	0.130	-0.165	0.038	0.202	-0.199	0.049	0.249	0.4000
0.5000	-0.069	0.031	0.101	-0.071	0.029	0.100	-0.076	0.026	0.102				-0.085	0.031	0.116	-0.131	0.031	0.161	-0.202	0.038	0.240	0.5000
0.6000		0.019		-0.070	0.011	0.081	-0.079	0.010	0.090				-0.084	0.015	0.099	-0.104	0.016	0.120	-0.200	0.023	0.223	0.6000
0.7000	-0.046			-0.074	0.017	0.091	-0.080	0.016	0.096				-0.081	0.016	0.097	-0.099	0.015	0.114	-0.198	0.018	0.216	0.7000
0.8000	-0.090	-0.002	0.088	-0.087	0.005	0.092	-0.086	0.009	0.095				-0.086	0.009	0.095	-0.103	0.008	0.111	-0.195	0.016	0.212	0.8000
0.9000	-0.096	-0.007	0.088	-0.089	-0.004	0.085	-0.095	0.001	0.095				-0.085	0.007	0.093	-0.099	-0.001	0.098	-0.192	0.022	0.214	0.9000
1.0000	-0.063	-0.009	0.054	-0.080	-0.010	0.070	-0.107	-0.010	0.097				-0.079	0.010	0.090	-0.087	-0.012	0.075	-0.187	0.035	0.222	1.0000

NACA

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
										M = 2.229		α = -03.88										
0.0000	0.237	-0.050	-0.286	0.208	-0.055	-0.263	0.170	-0.060	-0.231				0.218	-0.054	-0.272	0.213	-0.067	-0.280	0.231	-0.135		0.0000
0.0125	0.175	-0.045	-0.220	0.163	-0.059	-0.221	0.156	-0.070	-0.226	0.163	-0.067	-0.230	0.175	-0.062	-0.237	0.183	-0.068	-0.251	0.179			0.0125
0.0250	0.129	-0.042	-0.171	0.128	-0.061	-0.189	0.139	-0.075	-0.214	0.132	-0.076	-0.208	0.141	-0.065	-0.206		-0.070		0.141			0.0250
0.0420																				-0.092		0.0420
0.0500	0.081	-0.040	-0.121	0.092	-0.060	-0.152	0.092	-0.075	-0.167		-0.081		0.105	-0.056	-0.161	0.118	-0.082	-0.200	0.111			0.0500
0.0640																				-0.089		0.0640
0.0750	0.078	-0.044	-0.122	0.073	-0.058	-0.131	0.075	-0.071	-0.146	0.078			0.085	-0.069	-0.154	0.095	-0.085	-0.179	0.095			0.0750
0.0810																				-0.096		0.0810
0.1000	0.062	-0.044	-0.107	0.061	-0.058	-0.120	0.063	-0.067	-0.130	0.067	-0.071	-0.137	0.070	-0.076	-0.145	0.077	-0.091	-0.167	0.084	-0.097	-0.180	0.1000
0.1500	0.052	-0.040	-0.092	0.049	-0.058	-0.107	0.051	-0.062	-0.113	0.049	-0.068	-0.117	0.053	-0.071	-0.124	0.057	-0.097	-0.154	0.071	-0.096	-0.167	0.1500
0.2000	0.039	-0.043	-0.082	0.041	-0.054	-0.095	0.044	0.009	-0.035	0.043			0.045	-0.069	-0.114	0.052	-0.092	-0.143	0.057	-0.098	-0.156	0.2000
0.3000	0.029	-0.049	-0.078	0.027	-0.028	-0.056	0.026	-0.062	-0.088				0.033	-0.067	-0.100	0.036	-0.100	-0.136	0.055	-0.100	-0.155	0.3000
0.4000	0.015	-0.046	-0.061	0.016	-0.047	-0.063	0.016	-0.055	-0.071				0.022	-0.056	-0.078	0.034	-0.101	-0.134	0.035	-0.103	-0.138	0.4000
0.5000	0.008	-0.049	-0.058	0.009	-0.050	-0.060	0.011	-0.055	-0.066				0.014	-0.055	-0.069	0.022	-0.098	-0.120	0.029	-0.107	-0.136	0.5000
0.6000		-0.052		0.008	-0.054	-0.062	0.005	-0.060	-0.065				0.008	-0.061	-0.069	0.014	-0.098	-0.112	0.024	-0.115	-0.139	0.6000
0.7000	0.043			0.008	-0.052	-0.060	0.007	-0.055	-0.062				0.008	-0.060	-0.068	0.008	-0.087	-0.095	0.022	-0.113	-0.135	0.7000
0.8000	0.001	-0.065	-0.066	0.005	-0.058	-0.063	0.007	-0.059	-0.066				0.005	-0.056	-0.061	0.001	-0.083	-0.084	0.018	-0.113	-0.131	0.8000
0.9000	0.001	-0.063	-0.065	0.002	-0.059	-0.061	-0.005	-0.062	-0.057				0.008	-0.061	-0.068	0.001	-0.077	-0.079	0.011	-0.108	-0.120	0.9000
1.0000	0.043	-0.057	-0.100	-0.001	-0.055	-0.054	-0.029	-0.063	-0.034				0.016	-0.074	-0.089	0.009	-0.069	-0.078	0.001	-0.099	-0.100	1.0000
										M = 2.226		α = 00.25										
0.0000	0.108	0.124	0.016	0.080	0.119	0.039	0.049	0.094	0.046				0.067	0.127	0.059	0.062	0.127	0.065	0.049	0.058		0.0000
0.0125	0.067	0.090	0.023	0.051	0.084	0.034	0.042	0.074	0.032	0.041	0.084	0.043	0.047	0.098	0.050	0.046	0.091	0.046	0.025			0.0125
0.0250	0.037	0.065	0.029	0.028	0.058	0.030	0.032	0.057	0.025	0.021	0.056	0.034	0.031	0.075	0.044		0.063		0.007			0.0250
0.0420																				0.038		0.0420
0.0500	0.010	0.042	0.032	0.005	0.032	0.027	0.007	0.036	0.029		0.027		0.011	0.052	0.042	0.007	0.034	0.027	-0.008			0.0500
0.0640																				0.027		0.0640
0.0750	0.008	0.025	0.017	-0.003	0.020	0.023	-0.005	0.020	0.025	-0.011			-0.002	0.033	0.034	-0.008	0.020	0.028	-0.019			0.0750
0.0810																				0.017		0.0810
0.1000	0.003	0.021	0.018	-0.007	0.013	0.020	-0.013	0.011	0.024	-0.017	0.013	0.030	-0.012	0.018	0.030	-0.020	0.011	0.031	-0.025	0.013	0.039	0.1000
0.1500	-0.001	0.016	0.017	-0.012	0.005	0.016	-0.018	0.005	0.022	-0.024	0.006	0.030	-0.018	0.008	0.026	-0.035	-0.001	0.033	-0.035	0.006	0.040	0.1500
0.2000	-0.011	0.006	0.017	-0.014	0.002	0.016	-0.019	0.035	0.053	-0.024			-0.022	0.003	0.024	-0.035	-0.004	0.031	-0.048	-0.002	0.046	0.2000
0.3000	-0.018	-0.007	0.011	-0.022	0.015	0.037	-0.025	0.002	0.027				-0.025	-0.002	0.023	-0.043	-0.016	0.026	-0.040	-0.010	0.030	0.3000
0.4000	-0.028	-0.010	0.018	-0.029	-0.010	0.019	-0.029	-0.011	0.018				-0.027	-0.003	0.024	-0.039	-0.019	0.020	-0.056	-0.019	0.037	0.4000
0.5000	-0.031	-0.012	0.020	-0.031	-0.012	0.019	-0.030	-0.012	0.017				-0.029	-0.012	0.018	-0.041	-0.022	0.019	-0.061	-0.022	0.038	0.5000
0.6000		-0.018		-0.029	-0.019	0.010	-0.033	-0.019	0.014				-0.033	-0.017	0.016	-0.041	-0.026	0.016	-0.062	-0.033	0.030	0.6000
0.7000	0.009			-0.029	-0.017	0.011	-0.032	-0.018	0.014				-0.031	-0.020	0.011	-0.042	-0.028	0.014	-0.063	-0.032	0.031	0.7000
0.8000	-0.033	-0.030	0.003	-0.031	-0.023	0.009	-0.030	-0.017	0.012				-0.032	-0.018	0.014	-0.046	-0.034	0.013	-0.062	-0.033	0.029	0.8000
0.9000	-0.033	-0.028	0.005	-0.033	-0.025	0.009	-0.039	-0.025	0.014				-0.032	-0.020	0.012	-0.044	-0.035	0.009	-0.062	-0.030	0.032	0.9000
1.0000	0.010	-0.021	-0.031	-0.035	-0.024	0.011	-0.059	-0.042	0.017				-0.032	-0.026	0.005	-0.035	-0.032	0.003	-0.062	-0.021	0.040	1.0000
										M = 2.229		α = 04.13										
0.0000	-0.060	0.265	0.325	-0.071	0.240	0.310	-0.096	0.249	0.344				-0.049	0.242	0.291	-0.091	0.248	0.340	-0.095	0.205		0.0000
0.0125	-0.062	0.202	0.264	-0.081	0.194	0.276	-0.093	0.192	0.285	-0.103	0.197	0.300	-0.077	0.201	0.278	-0.094	0.208	0.302	-0.114			0.0125
0.0250	-0.064	0.157	0.221	-0.088	0.158	0.246	-0.093	0.152	0.244	-0.104	0.157	0.261	-0.094	0.169	0.263		0.177		-0.126			0.0250
0.0420																				0.157		0.0420
0.0500	-0.067	0.122	0.189	-0.088	0.113	0.200	-0.099	0.119	0.218		0.119		-0.094	0.137	0.231	-0.102	0.143	0.245	-0.124			0.0500
0.0640																				0.139		0.0640
0.0750	-0.066	0.095	0.160	-0.084	0.094	0.178	-0.096	0.094	0.191	-0.106			-0.102	0.115	0.217	-0.108	0.120	0.228	-0.126			0.0750
0.0810																				0.128		0.0810
0.1000	-0.066	0.086	0.152	-0.082	0.080	0.162	-0.093	0.084	0.177	-0.104	0.089	0.192	-0.108	0.099	0.207	-0.113	0.109	0.221	-0.125	0.120	0.245	0.1000
0.1500	-0.061	0.072	0.133	-0.083	0.065	0.148	-0.092	0.071	0.163	-0.101	0.074	0.175	-0.107	0.085	0.192	-0.124	0.088	0.212	-0.126	0.108	0.235	0.1500
0.2000	-0.065	0.056	0.121	-0.079	0.058	0.137	-0.092	0.102	0.194	-0.100			-0.105	0.072	0.177	-0.116	0.078	0.194	-0.137	0.096	0.234	0.2000
0.3000	-0.062	0.039	0.101	-0.067	0.059	0.126	-0.082	0.045	0.127				-0.103	0.055	0.158	-0.126	0.060	0.186	-0.120	0.079	0.199	0.3000
0.4000	-0.067	0.032	0.099	-0.069	0.033	0.102	-0.073	0.032	0.105				-0.093	0.048	0.141	-0.121	0.050	0.171	-0.137	0.064	0.201	0.4000
0.5000	-0.067	0.028	0.095	-0.068	0.027	0.095	-0.070	0.028	0.098				-0.081	0.041	0.122	-0.125	0.039	0.164	-0.141	0.056	0.197	0.5000
0.6000		0.018		-0.065	0.018	0.083	-0.069	0.019	0.088				-0.077	0.029	0.105	-0.124	0.028	0.152	-0.142	0.042	0.184	0.6000
0.7000	-0.021			-0.066	0.017	0.083	-0.070	0.019	0.088				-0.072	0.023	0.095	-0.118	0.022	0.140	-0.140	0.039	0.178	0.7000
0.8000	-0.067	0.006	0.073	-0.069	0.015	0.084	-0.070	0.018	0.088				-0.074	0.021	0.095	-0.110	0.016	0.126	-0.138	0.036	0.174	0.8000
0.9000	-0.070	0.009	0.079	-0.069	0.011	0.081	-0.077	0.012	0.088				-0.073	0.015	0.087	-0.097	0.011	0.107	-0.129	0.040	0.169	0.9000
1.0000	-0.028	0.018	0.046	-0.069	0.005	0.074	-0.089	0.001	0.089				-0.068	0.005	0.073	-0.077	0.006	0.083	-0.115	0.049	0.164	1.0000

TABLE III.- PRESSURE COEFFICIENTS FOR THE WING WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Concluded

(f) BW - Concluded

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 2.234 α = 08.26																					
0.0000	-0.153	0.351	0.504	-0.142	0.319	0.462	-0.156	0.321	0.477				-0.180	0.320	0.500	-0.152	0.310	0.462	-0.145	0.276		0.0000
0.0125	-0.140	0.292	0.433	-0.148	0.279	0.428	-0.157	0.274	0.430	-0.160	0.281	0.441	-0.160	0.283	0.443	-0.152	0.286	0.438	-0.166			0.0125
0.0250	-0.133	0.250	0.383	-0.152	0.246	0.397	-0.157	0.239	0.396	-0.162	0.248	0.410	-0.149	0.256	0.405		0.266		-0.177			0.0250
0.0420																				0.253		0.0420
0.0500	-0.134	0.212	0.346	-0.149	0.199	0.348	-0.157	0.206	0.363		0.212		-0.158	0.228	0.386	-0.153	0.236	0.389	-0.173			0.0500
0.0640																				0.238		0.0640
0.0750	-0.137	0.180	0.316	-0.147	0.181	0.327	-0.153	0.177	0.330	-0.153			-0.159	0.203	0.362	-0.156	0.212	0.369	-0.172			0.0750
0.0810																				0.225		0.0810
0.1000	-0.137	0.171	0.308	-0.145	0.163	0.308	-0.151	0.163	0.314	-0.151	0.176	0.327	-0.158	0.187	0.345	-0.157	0.199	0.356	-0.170	0.217	0.387	0.1000
0.1500	-0.127	0.148	0.275	-0.144	0.140	0.284	-0.151	0.144	0.295	-0.150	0.156	0.306	-0.156	0.165	0.321	-0.167	0.175	0.342	-0.168	0.202	0.370	0.1500
0.2000	-0.103	0.126	0.229	-0.144	0.129	0.273	-0.151	0.162	0.314	-0.150			-0.157	0.148	0.305	-0.154	0.161	0.315	-0.180	0.188	0.368	0.2000
0.3000	-0.093	0.104	0.197	-0.130	0.120	0.250	-0.151	0.112	0.263				-0.153	0.125	0.278	-0.163	0.138	0.301	-0.156	0.164	0.320	0.3000
0.4000	-0.089	0.092	0.182	-0.088	0.094	0.182	-0.147	0.095	0.243				-0.151	0.111	0.262	-0.160	0.123	0.283	-0.173	0.147	0.321	0.4000
0.5000	-0.090	0.087	0.177	-0.086	0.086	0.172	-0.125	0.086	0.211				-0.148	0.100	0.248	-0.163	0.110	0.273	-0.177	0.137	0.313	0.5000
0.6000		0.072		-0.085	0.071	0.156	-0.102	0.074	0.176				-0.143	0.088	0.231	-0.164	0.095	0.260	-0.175	0.121	0.296	0.6000
0.7000	-0.039			-0.088	0.069	0.157	-0.090	0.072	0.162				-0.137	0.079	0.216	-0.161	0.088	0.250	-0.171	0.117	0.289	0.7000
0.8000	-0.088	0.058	0.145	-0.091	0.065	0.157	-0.092	0.069	0.161				-0.134	0.072	0.206	-0.158	0.077	0.236	-0.168	0.112	0.281	0.8000
0.9000	-0.092	0.061	0.153	-0.090	0.063	0.153	-0.101	0.064	0.164				-0.130	0.065	0.195	-0.152	0.069	0.221	-0.165	0.114	0.279	0.9000
1.0000	-0.051	0.072	0.123	-0.084	0.063	0.147	-0.116	0.055	0.172				-0.124	0.057	0.181	-0.141	0.064	0.205	-0.162	0.122	0.284	1.0000
	M = 2.232 α = 12.24																					
0.0000	-0.156	0.374	0.529	-0.144	0.358	0.502	-0.153	0.341	0.494				-0.176	0.332	0.509	-0.153	0.335	0.480	-0.137	0.333		0.0000
0.0125	-0.152	0.353	0.505	-0.150	0.336	0.486	-0.156	0.326	0.482	-0.166	0.334	0.500	-0.162	0.338	0.499	-0.153	0.336	0.488	-0.158			0.0125
0.0250	-0.150	0.333	0.483	-0.154	0.316	0.470	-0.159	0.311	0.470	-0.167	0.321	0.488	-0.154	0.334	0.484		0.332		-0.170			0.0250
0.0420																				0.318		0.0420
0.0500	-0.151	0.296	0.447	-0.159	0.279	0.437	-0.160	0.288	0.448		0.292		-0.159	0.301	0.460	-0.154	0.314	0.468	-0.168			0.0500
0.0640																				0.308		0.0640
0.0750	-0.153	0.259	0.412	-0.159	0.258	0.418	-0.161	0.256	0.418	-0.162			-0.160	0.289	0.449	-0.157	0.294	0.452	-0.169			0.0750
0.0810																				0.298		0.0810
0.1000	-0.155	0.245	0.400	-0.158	0.236	0.394	-0.161	0.244	0.405	-0.162	0.260	0.422	-0.162	0.271	0.433	-0.159	0.284	0.442	-0.167	0.292	0.459	0.1000
0.1500	-0.156	0.219	0.375	-0.156	0.215	0.370	-0.162	0.223	0.385	-0.162	0.236	0.398	-0.160	0.241	0.402	-0.169	0.263	0.432	-0.166	0.277	0.443	0.1500
0.2000	-0.151	0.194	0.345	-0.154	0.210	0.364	-0.163	0.236	0.399	-0.163			-0.162	0.218	0.381	-0.158	0.246	0.403	-0.179	0.266	0.445	0.2000
0.3000	-0.120	0.173	0.293	-0.160	0.190	0.351	-0.164	0.188	0.352				-0.161	0.197	0.358	-0.168	0.217	0.385	-0.157	0.250	0.407	0.3000
0.4000	-0.108	0.165	0.272	-0.150	0.172	0.322	-0.167	0.173	0.339				-0.160	0.186	0.346	-0.164	0.200	0.364	-0.173	0.233	0.407	0.4000
0.5000	-0.107	0.151	0.258	-0.121	0.150	0.270	-0.164	0.158	0.322				-0.162	0.176	0.338	-0.169	0.184	0.352	-0.178	0.222	0.400	0.5000
0.6000		0.136		-0.106	0.138	0.244	-0.159	0.144	0.302				-0.163	0.159	0.322	-0.169	0.168	0.336	-0.178	0.202	0.379	0.6000
0.7000	-0.055			-0.105	0.136	0.241	-0.144	0.139	0.283				-0.160	0.145	0.305	-0.166	0.157	0.323	-0.175	0.194	0.369	0.7000
0.8000	-0.100	0.116	0.216	-0.107	0.127	0.235	-0.125	0.133	0.258				-0.163	0.139	0.302	-0.167	0.144	0.311	-0.172	0.184	0.355	0.8000
0.9000	-0.105	0.122	0.227	-0.104	0.128	0.232	-0.118	0.127	0.245				-0.164	0.133	0.297	-0.166	0.133	0.298	-0.168	0.180	0.348	0.9000
1.0000	-0.071	0.139	0.210	-0.095	0.140	0.235	-0.124	0.120	0.244				-0.163	0.129	0.292	-0.162	0.123	0.286	-0.163	0.184	0.347	1.0000
	M = 2.232 α = 16.22																					
0.0000	-0.191	0.387	0.578	-0.182	0.376	0.558	-0.183	0.366	0.550				-0.216	0.365	0.581	-0.177	0.346	0.523	-0.161	0.364		0.0000
0.0125	-0.187	0.412	0.599	-0.184	0.377	0.561	-0.187	0.374	0.560	-0.189	0.378	0.567	-0.190	0.384	0.575	-0.176	0.378	0.554	-0.180			0.0125
0.0250	-0.184	0.418	0.603	-0.186	0.372	0.558	-0.189	0.375	0.563	-0.190	0.389	0.579	-0.177	0.392	0.568		0.395		-0.191			0.0250
0.0420																				0.386		0.0420
0.0500	-0.183	0.377	0.560	-0.189	0.344	0.533	-0.189	0.357	0.546		0.373		-0.183	0.372	0.555	-0.176	0.391	0.567	-0.187			0.0500
0.0640																				0.385		0.0640
0.0750	-0.185	0.336	0.521	-0.190	0.332	0.521	-0.189	0.339	0.528	-0.184			-0.185	0.362	0.547	-0.179	0.379	0.557	-0.186			0.0750
0.0810																				0.378		0.0810
0.1000	-0.186	0.324	0.510	-0.187	0.313	0.500	-0.189	0.335	0.524	-0.184	0.337	0.521	-0.186	0.353	0.539	-0.179	0.369	0.548	-0.185	0.376	0.561	0.1000
0.1500	-0.188	0.290	0.478	-0.186	0.302	0.487	-0.191	0.306	0.497	-0.185	0.318	0.502	-0.188	0.331	0.519	-0.190	0.349	0.539	-0.183	0.366	0.548	0.1500
0.2000	-0.180	0.270	0.450	-0.186	0.295	0.481	-0.191	0.315	0.505	-0.186			-0.186	0.317	0.502	-0.177	0.327	0.504	-0.196	0.358	0.553	0.2000
0.3000	-0.154	0.255	0.408	-0.189	0.275	0.463	-0.190	0.275	0.465				-0.188	0.287	0.475	-0.190	0.298	0.488	-0.172	0.338	0.510	0.3000
0.4000	-0.138	0.245	0.383	-0.180	0.249	0.429	-0.192	0.252	0.445				-0.186	0.278	0.464	-0.187	0.279	0.466	-0.191	0.315	0.505	0.4000
0.5000	-0.133	0.219	0.352	-0.162	0.225	0.387	-0.189	0.238	0.427				-0.188	0.252	0.439	-0.190	0.261	0.452	-0.194	0.301	0.495	0.5000
0.6000		0.220		-0.147	0.219	0.366	-0.184	0.229	0.413				-0.188	0.235	0.424	-0.192	0.245	0.437	-0.194	0.280	0.474	0.6000
0.7000	-0.073			-0.143	0.207	0.350	-0.176	0.215	0.391				-0.187	0.226	0.412	-0.190	0.239	0.429	-0.192	0.272	0.464	0.7000
0.8000	-0.128	0.188	0.316	-0.139	0.203	0.343	-0.162	0.212	0.374				-0.187	0.219	0.405	-0.191	0.227	0.418	-0.188	0.265	0.453	0.8000
0.9000	-0.140	0.194	0.334	-0.133	0.200	0.333	-0.158	0.202	0.360				-0.188	0.208	0.396	-0.190	0.214	0.404	-0.183	0.266	0.450	0.9000
1.0000	-0.107	0.215	0.323	-0.124	0.196	0.320	-0.163	0.187	0.350				-0.191	0.194	0.385	-0.188	0.201	0.389	-0.177	0.277	0.453	1.0000

NASA

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION

(a) BVW

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.701		α = -04.38							
0.0000	-0.046	-0.176	-0.130	-0.059	-0.113	-0.054	-0.080	-0.152	-0.072	-0.061	-0.141	-0.080	-0.131	-0.133		0.0000
0.0125	-0.038	-0.088	-0.050	-0.070	-0.110	-0.040	-0.088	-0.125	-0.036	-0.095	-0.114	-0.019		-0.100		0.0125
0.0250	-0.036	-0.037	-0.001	-0.079	-0.106	-0.026	-0.097	-0.104	-0.008	-0.118	-0.096	0.022	-0.123	-0.079	0.044	0.0250
0.0500	-0.046	-0.041	0.004	-0.096	-0.094	0.002	-0.112	-0.084	0.028	-0.130	-0.085	0.045	-0.118	-0.076	0.041	0.0500
0.0750	-0.056	-0.059	-0.003	-0.116	-0.094	0.023	-0.117	-0.082	0.035	-0.130	-0.082	0.048	-0.114	-0.071	0.043	0.0750
0.1000	-0.065	-0.064	0.001	-0.119	-0.095	0.024	-0.113	-0.077	0.035	-0.124	-0.088	0.036	-0.108	-0.076	0.033	0.1000
0.1500	-0.074	-0.075	-0.002	-0.104	-0.096	0.008	-0.100	-0.084	0.017	-0.108	-0.085	0.023	-0.101	-0.072	0.030	0.1500
0.2000	-0.084	-0.072	0.012	-0.101	-0.095	0.006	-0.096	-0.084	0.012	-0.098	-0.078	0.019	-0.102	-0.067	0.035	0.2000
0.3000	-0.089	-0.091	0.008	-0.098	-0.086	0.011	-0.090	-0.075	0.015	-0.087	-0.064	0.023	-0.101	-0.058	0.042	0.3000
0.4000	-0.087	-0.079	0.007	-0.092	-0.075	0.017	-0.079	-0.061	0.018	-0.082	-0.053	0.029	-0.095	-0.049	0.046	0.4000
0.5000	-0.079	-0.063	0.016	-0.082	-0.064	0.019	-0.070	-0.050	0.020	-0.079	-0.042	0.037	-0.086	-0.041	0.045	0.5000
0.6000	-0.061	-0.050	0.012	-0.069	-0.053	0.017	-0.062			-0.082	-0.031	0.051	-0.073	-0.032	0.041	0.6000
0.6170								-0.030								0.6170
0.7000	-0.076	-0.041	0.035	-0.057	-0.028	0.029	-0.057	-0.012	0.045	-0.077	-0.020	0.057	-0.062			0.7000
0.7100														-0.025		0.7100
0.8000	-0.061	-0.030	0.032	-0.048	0.001	0.049	-0.055	0.025	0.080	-0.053	-0.004	0.049	-0.037			0.8000
0.8100														-0.020		0.8100
0.9000	-0.051	0.001	0.053	-0.021	0.021	0.042	-0.037	0.030	0.067	-0.014	-0.010	0.004	-0.022			0.9000
1.0000	-0.046	0.052	0.098	0.024	0.031	0.007	-0.004	0.003	0.006	0.041	-0.036	-0.077	-0.018	-0.018	0.004	1.0000
							M = 0.702		α = -00.35							
0.0000	-0.066	-0.163	-0.097	-0.072	-0.124	-0.052	-0.081	-0.153	-0.072	-0.057	-0.145	-0.087	-0.105	-0.148		0.0000
0.0125	-0.060	-0.096	-0.036	-0.084	-0.127	-0.043	-0.091	-0.134	-0.042	-0.090	-0.118	-0.028		-0.102		0.0125
0.0250	-0.059	-0.058	0.000	-0.094	-0.126	-0.032	-0.100	-0.117	-0.018	-0.111	-0.099	0.012	-0.107	-0.075	0.032	0.0250
0.0500	-0.069	-0.069	0.000	-0.107	-0.109	-0.001	-0.112	-0.094	0.018	-0.122	-0.087	0.035	-0.106	-0.074	0.031	0.0500
0.0750	-0.079	-0.082	-0.003	-0.129	-0.110	0.019	-0.117	-0.090	0.028	-0.123	-0.084	0.039	-0.102	-0.068	0.034	0.0750
0.1000	-0.084	-0.090	-0.005	-0.131	-0.111	0.020	-0.113	-0.087	0.025	-0.117	-0.091	0.026	-0.095	-0.071	0.024	0.1000
0.1500	-0.094	-0.099	-0.005	-0.114	-0.108	0.006	-0.101	-0.091	0.010	-0.103	-0.085	0.018	-0.090	-0.067	0.023	0.1500
0.2000	-0.102	-0.095	0.007	-0.107	-0.107	0.000	-0.096	-0.090	0.006	-0.092	-0.078	0.014	-0.092	-0.061	0.031	0.2000
0.3000	-0.105	-0.097	0.008	-0.102	-0.094	0.008	-0.089	-0.080	0.009	-0.081	-0.061	0.020	-0.090	-0.053	0.038	0.3000
0.4000	-0.097	-0.091	0.006	-0.093	-0.080	0.013	-0.080	-0.065	0.014	-0.076	-0.050	0.026	-0.084	-0.044	0.040	0.4000
0.5000	-0.084	-0.074	0.010	-0.081	-0.067	0.014	-0.070	-0.052	0.018	-0.073	-0.039	0.064	-0.077	-0.037	0.040	0.5000
0.6000	-0.064	-0.056	0.007	-0.062	-0.049	0.012	-0.058			-0.077	-0.027	0.050	-0.063	-0.028	0.035	0.6000
0.6170								-0.027								0.6170
0.7000	-0.072	-0.043	0.030	-0.052	-0.025	0.027	-0.048	-0.007	0.041	-0.072	-0.016	0.056	-0.053			0.7000
0.7100														-0.018		0.7100
0.8000	-0.057	-0.027	0.030	-0.041	0.003	0.044	-0.050	0.027	0.077	-0.044	0.000	0.045	-0.030			0.8000
0.8100														-0.014		0.8100
0.9000	-0.043	0.002	0.046	-0.015	0.023	0.039	-0.034	0.028	0.062	-0.003	-0.008	-0.005	-0.014			0.9000
1.0000	-0.032	0.045	0.077	0.024	0.036	0.013		-0.003	-0.002	0.051	-0.041	-0.092	-0.004	-0.017	-0.003	1.0000
							M = 0.702		α = 03.83							
0.0000	-0.116	-0.214	-0.098	-0.102	-0.162	-0.060	-0.089	-0.170	-0.082	-0.063	-0.157	-0.094	-0.107	-0.144		0.0000
0.0125	-0.105	-0.144	-0.038	-0.110	-0.159	-0.049	-0.102	-0.153	-0.051	-0.091	-0.130	-0.039		-0.108		0.0125
0.0250	-0.101	-0.103	-0.003	-0.117	-0.154	-0.037	-0.112	-0.137	-0.025	-0.110	-0.111	-0.001	-0.104	-0.085	0.019	0.0250
0.0500	-0.108	-0.112	-0.004	-0.130	-0.141	-0.011	-0.122	-0.113	0.010	-0.121	-0.098	0.023	-0.102	-0.082	0.020	0.0500
0.0750	-0.116	-0.124	-0.008	-0.151	-0.137	0.014	-0.129	-0.109	0.020	-0.121	-0.094	0.027	-0.098	-0.073	0.025	0.0750
0.1000	-0.123	-0.129	-0.006	-0.151	-0.136	0.016	-0.123	-0.103	0.020	-0.118	-0.099	0.019	-0.094	-0.078	0.016	0.1000
0.1500	-0.127	-0.134	-0.007	-0.133	-0.133	0.000	-0.110	-0.108	0.002	-0.103	-0.092	0.012	-0.089	-0.072	0.018	0.1500
0.2000	-0.131	-0.127	0.004	-0.125	-0.127	-0.002	-0.104	-0.102	0.002	-0.093	-0.081	0.012	-0.091	-0.066	0.024	0.2000
0.3000	-0.127	-0.126	0.001	-0.115	-0.110	0.006	-0.095	-0.091	0.005	-0.084	-0.065	0.019	-0.089	-0.056	0.033	0.3000
0.4000	-0.114	-0.113	0.001	-0.101	-0.093	0.009	-0.083	-0.073	0.011	-0.077	-0.054	0.023	-0.083	-0.049	0.034	0.4000
0.5000	-0.098	-0.088	0.009	-0.087	-0.073	0.014	-0.073	-0.058	0.015	-0.073	-0.041	0.032	-0.074	-0.040	0.034	0.5000
0.6000	-0.072	-0.068	0.004	-0.063	-0.055	0.008	-0.059			-0.077	-0.028	0.050	-0.063	-0.032	0.031	0.6000
0.6170								-0.029								0.6170
0.7000	-0.078	-0.052	0.026	-0.055	-0.032	0.023	-0.051	-0.012	0.038	-0.070	-0.016	0.054	-0.054			0.7000
0.7100														-0.018		0.7100
0.8000	-0.061	-0.033	0.028	-0.045	-0.003	0.042	-0.052	0.019	0.071	-0.045	-0.006	0.040	-0.030			0.8000
0.8100														-0.016		0.8100
0.9000	-0.048	-0.002	0.045	-0.020	0.018	0.038	-0.038	0.021	0.059	-0.006	-0.014	-0.008	-0.017			0.9000
1.0000	-0.038	0.040	0.078	0.019	0.031	0.012	-0.007	-0.006	0.001	0.050	-0.041	-0.091	-0.016	-0.039	-0.022	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.698		α = 07.66							
0.0000	-0.173	-0.399	-0.226	-0.129	-0.195	-0.065	-0.096	-0.189	-0.092	-0.055	-0.166	-0.111	-0.099	-0.147		0.0000
0.0125	-0.156	-0.256	-0.100	-0.135	-0.189	-0.054	-0.110	-0.167	-0.057	-0.088	-0.137	-0.049		-0.110		0.0125
0.0250	-0.147	-0.169	-0.021	-0.142	-0.183	-0.041	-0.121	-0.149	-0.028	-0.109	-0.117	-0.008	-0.099	-0.088	0.011	0.0250
0.0500	-0.153	-0.161	-0.008	-0.157	-0.168	-0.011	-0.132	-0.124	0.007	-0.119	-0.105	0.014	-0.097	-0.084	0.013	0.0500
0.0750	-0.161	-0.173	-0.012	-0.174	-0.160	0.014	-0.134	-0.120	0.015	-0.120	-0.098	0.022	-0.093	-0.075	0.019	0.0750
0.1000	-0.163	-0.172	-0.009	-0.174	-0.160	0.014	-0.130	-0.114	0.017	-0.115	-0.103	0.012	-0.089	-0.078	0.011	0.1000
0.1500	-0.169	-0.175	-0.006	-0.153	-0.153		-0.116	-0.116		-0.101	-0.096	0.006	-0.084	-0.070	0.013	0.1500
0.2000	-0.167	-0.159	0.008	-0.142	-0.145	-0.003	-0.110	-0.110		-0.092	-0.084	0.007	-0.087	-0.064	0.023	0.2000
0.3000	-0.152	-0.155	-0.003	-0.127	-0.126	0.000	-0.100	-0.094	0.006	-0.084	-0.067	0.016	-0.086	-0.056	0.031	0.3000
0.4000	-0.133	-0.132	0.000	-0.104	-0.101	0.003	-0.086	-0.074	0.012	-0.075	-0.055	0.020	-0.079	-0.047	0.032	0.4000
0.5000	-0.111	-0.099	0.012	-0.089	-0.076	0.013	-0.072	-0.058	0.014	-0.071	-0.042	0.029	-0.071	-0.040	0.031	0.5000
0.6000	-0.080	-0.073	0.006	-0.066	-0.060	0.007	-0.059			-0.075	-0.026	0.049	-0.061	-0.029	0.032	0.6000
0.6170								-0.030								0.6170
0.7000	-0.083	-0.057	0.026	-0.059	-0.036	0.024	-0.051	-0.013	0.038	-0.068	-0.017	0.051	-0.050			0.7000
0.7100														-0.015		0.7100
0.8000	-0.064	-0.033	0.031	-0.046	-0.006	0.041	-0.052	0.020	0.072	-0.044	-0.005	0.039	-0.028			0.8000
0.8100														-0.017		0.8100
0.9000	-0.055		0.054	-0.021	0.016	0.038	-0.038	0.021	0.058	-0.004	0.015	-0.010	-0.015			0.9000
1.0000	-0.054	0.041	0.095	0.015	0.031	0.016	-0.007	-0.012	-0.005	0.051	-0.046	-0.097	-0.011	-0.060	-0.045	1.0000
							M = 0.699		α = 11.79							
0.0000	-0.212	-0.477	-0.265	-0.165	-0.251	-0.086	-0.117	-0.238	-0.121	-0.062	-0.213	-0.150	-0.096	-0.179		0.0000
0.0125	-0.199	-0.318	-0.119	-0.171	-0.246	-0.074	-0.130	-0.214	-0.083	-0.098	-0.175	-0.077		-0.136		0.0125
0.0250	-0.193	-0.221	-0.028	-0.178	-0.238	-0.060	-0.141	-0.193	-0.052	-0.121	-0.149	-0.028	-0.101	-0.110	-0.008	0.0250
0.0500	-0.199	-0.212	-0.012	-0.192	-0.216	-0.024	-0.154	-0.162	-0.008	-0.132	-0.131	0.001	-0.103	-0.104		0.0500
0.0750	-0.207	-0.226	-0.019	-0.211	-0.206	0.005	-0.160	-0.154	0.005	-0.135	-0.122	0.013	-0.101	-0.094	0.007	0.0750
0.1000	-0.213	-0.224	-0.010	-0.210	-0.208	0.002	-0.152	-0.143	0.008	-0.130	-0.129	0.002	-0.099	-0.097	0.002	0.1000
0.1500	-0.216	-0.226	-0.010	-0.186	-0.194	-0.008	-0.138	-0.147	-0.009	-0.116	-0.119	-0.003	-0.093	-0.088	0.005	0.1500
0.2000	-0.208	-0.206	0.002	-0.173	-0.183	-0.011	-0.132	-0.137	-0.005	-0.106	-0.104	0.002	-0.097	-0.079	0.017	0.2000
0.3000	-0.187	-0.196	-0.009	-0.154	-0.156	-0.003	-0.118	-0.115	0.003	-0.096	-0.086	0.010	-0.097	-0.071	0.026	0.3000
0.4000	-0.161	-0.167	-0.006	-0.124	-0.122	0.002	-0.101	-0.094	0.008	-0.089	-0.072	0.017	-0.091	-0.061	0.030	0.4000
0.5000	-0.132	-0.127	0.005	-0.107	-0.096	0.011	-0.088	-0.078	0.010	-0.085	-0.058	0.027	-0.083	-0.050	0.033	0.5000
0.6000	-0.098	-0.100	-0.001	-0.083	-0.079	0.004	-0.074			-0.089	-0.044	0.045	-0.072	-0.041	0.031	0.6000
0.6170								-0.048								0.6170
0.7000	-0.100	-0.075	0.025	-0.073	-0.048	0.025	-0.066	-0.031	0.035	-0.085	-0.033	0.052	-0.063			0.7000
0.7100														-0.031		0.7100
0.8000	-0.080	-0.047	0.032	-0.059	-0.017	0.043	-0.068	0.001	0.069	-0.060	-0.023	0.038	-0.038			0.8000
0.8100														-0.033		0.8100
0.9000	-0.066	-0.013	0.054	-0.033	0.005	0.037	-0.054	0.005	0.059	-0.022	-0.033	-0.011	-0.033			0.9000
1.0000	-0.060	0.029	0.089	0.008	0.015	0.007	-0.025	-0.022	0.004	0.030	-0.064	-0.095	-0.050	-0.068	-0.034	1.0000
							M = 0.698		α = 15.76							
0.0000	-0.268	-0.524	-0.256	-0.199	-0.332	-0.132	-0.138	-0.299	-0.161	-0.066	-0.267	-0.201	-0.105	-0.224		0.0000
0.0125	-0.252	-0.374	-0.122	-0.216	-0.321	-0.105	-0.157	-0.269	-0.112	-0.107	-0.218	-0.111		-0.168		0.0125
0.0250	-0.244	-0.283	-0.038	-0.229	-0.309	-0.081	-0.172	-0.244	-0.072	-0.134	-0.184	-0.050	-0.108	-0.132	-0.025	0.0250
0.0500	-0.251	-0.276	-0.024	-0.245	-0.282	-0.036	-0.188	-0.206	-0.017	-0.147	-0.158	-0.011	-0.109	-0.124	-0.015	0.0500
0.0750	-0.262	-0.289	-0.027	-0.265	-0.269	-0.004	-0.193	-0.195	-0.002	-0.150	-0.148	0.002	-0.109	-0.113	-0.004	0.0750
0.1000	-0.267	-0.286	-0.020	-0.264	-0.266	-0.002	-0.187	-0.182	0.005	-0.147	-0.154	-0.008	-0.106	-0.115	-0.009	0.1000
0.1500	-0.269	-0.284	-0.015	-0.237	-0.251	-0.014	-0.170	-0.185	-0.015	-0.133	-0.143	-0.010	-0.100	-0.103	-0.003	0.1500
0.2000	-0.260	-0.261	-0.001	-0.220	-0.237	-0.017	-0.162	-0.171	-0.010	-0.121	-0.126	-0.005	-0.104	-0.093	0.010	0.2000
0.3000	-0.233	-0.247	-0.014	-0.194	-0.201	-0.007	-0.146	-0.147	-0.001	-0.109	-0.104	0.005	-0.105	-0.083	0.022	0.3000
0.4000	-0.204	-0.210	-0.006	-0.158	-0.158		-0.127	-0.119	0.008	-0.101	-0.087	0.014	-0.100	-0.073	0.027	0.4000
0.5000	-0.168	-0.160	0.008	-0.138	-0.128	0.010	-0.108	-0.101	0.007	-0.099	-0.074	0.025	-0.094	-0.061	0.033	0.5000
0.6000	-0.124	-0.126	-0.001	-0.106	-0.107	-0.001	-0.095			-0.103	-0.056	0.046	-0.081	-0.052	0.029	0.6000
0.6170								-0.068								0.6170
0.7000	-0.128	-0.100	0.028	-0.096	-0.072	0.025	-0.086	-0.049	0.037	-0.097	-0.046	0.051	-0.074			0.7000
0.7100														-0.043		0.7100
0.8000	-0.101	-0.074	0.028	-0.081	-0.038	0.044	-0.086	-0.014	0.072	-0.073	-0.035	0.038	-0.047			0.8000
0.8100														-0.045		0.8100
0.9000	-0.084	-0.033	0.050	-0.050	-0.014	0.035	-0.071	-0.010	0.061	-0.035	-0.044	-0.009	-0.048			0.9000
1.0000	-0.074	0.022	0.096	-0.002	-0.002		-0.040	-0.037	0.003	0.018	-0.073	-0.090	-0.077	-0.075	-0.027	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.906		α = 03.69							
0.0000	-0.132	-0.207	-0.075	-0.130	-0.208	-0.078	-0.096	-0.188	-0.091	-0.039	-0.170	-0.131	-0.089	-0.148		0.0000
0.0125	-0.116	-0.140	-0.024	-0.139	-0.200	-0.061	-0.106	-0.162	-0.057	-0.074	-0.133	-0.059		-0.104		0.0125
0.0250	-0.109	-0.104	0.004	-0.148	-0.192	-0.044	-0.114	-0.142	-0.028	-0.097	-0.107	-0.010	-0.085	-0.077	0.008	0.0250
0.0500	-0.119	-0.125	-0.006	-0.162	-0.175	-0.012	-0.126	-0.117	0.009	-0.108	-0.093	0.015	-0.081	-0.072	0.008	0.0500
0.0750	-0.135	-0.145	-0.010	-0.187	-0.172	0.015	-0.129	-0.108	0.021	-0.109	-0.087	0.022	-0.077	-0.065	0.012	0.0750
0.1000	-0.144	-0.154	-0.010	-0.189	-0.169	0.020	-0.122	-0.103	0.020	-0.104	-0.090	0.014	-0.073	-0.066	0.007	0.1000
0.1500	-0.160	-0.171	-0.011	-0.162	-0.158	0.004	-0.107	-0.103	0.003	-0.088	-0.083	0.005	-0.069	-0.057	0.012	0.1500
0.2000	-0.170	-0.161	0.009	-0.143	-0.146	-0.003	-0.098	-0.099	-0.001	-0.078	-0.074	0.005	-0.073	-0.052	0.022	0.2000
0.3000	-0.166	-0.163	0.003	-0.122	-0.120	0.002	-0.086	-0.083	0.002	-0.067	-0.054	0.013	-0.079	-0.042	0.037	0.3000
0.4000	-0.139	-0.132	0.007	-0.100	-0.090	0.010	-0.070	-0.063	0.007	-0.060	-0.037	0.023	-0.075	-0.034	0.041	0.4000
0.5000	-0.105	-0.089	0.015	-0.079	-0.069	0.011	-0.056	-0.045	0.011	-0.055	-0.025	0.031	-0.066	-0.028	0.037	0.5000
0.6000	-0.062	-0.057	0.005	-0.053	-0.047	0.006	-0.047			-0.063	-0.011	0.052	-0.050	-0.019	0.031	0.6000
0.6170								-0.021								0.6170
0.7000	-0.070	-0.037	0.033	-0.043	-0.018	0.025	-0.039	0.004	0.043	-0.058		0.058	-0.034			0.7000
0.7100														-0.010		0.7100
0.8000	-0.048	-0.033	0.016	-0.031	0.017	0.048	-0.035	0.051	0.086	-0.032	0.019	0.051	-0.018			0.8000
0.8100														-0.005		0.8100
0.9000	-0.033	0.013	0.046	-0.001	0.044	0.044	-0.017	0.050	0.067	-0.003	0.004	0.006	0.002			0.9000
1.0000	-0.023	0.101	0.123	0.047	0.061	0.014	0.018	0.002	-0.016	0.030	-0.046	-0.075	0.026	0.000	-0.001	1.0000
							M = 0.952		α = 03.78							
0.0000	-0.209	-0.312	-0.102	-0.209	-0.311	-0.101	-0.228	-0.372	-0.144	-0.041	-0.195	-0.153	-0.057	-0.127		0.0000
0.0125	-0.196	-0.226	-0.030	-0.230	-0.302	-0.072	-0.251	-0.340	-0.089	-0.061	-0.137	-0.076		-0.081		0.0125
0.0250	-0.189	-0.179	0.010	-0.245	-0.292	-0.048	-0.269	-0.315	-0.046	-0.073	-0.096	-0.023	-0.053	-0.053		0.0250
0.0500	-0.194	-0.201	-0.007	-0.257	-0.271	-0.014	-0.291	-0.288	0.004	-0.072	-0.064	0.008	-0.050	-0.047	0.003	0.0500
0.0750	-0.207	-0.224	-0.017	-0.281	-0.279	0.002	-0.302	-0.280	0.022	-0.062	-0.040	0.021	-0.047	-0.041	0.007	0.0750
0.1000	-0.216	-0.234	-0.018	-0.291	-0.294	-0.003	-0.295	-0.271	0.024	-0.047	-0.034	0.014	-0.045	-0.043	0.001	0.1000
0.1500	-0.245	-0.260	-0.015	-0.290	-0.302	-0.011	-0.266	-0.266		-0.022	-0.019	0.004	-0.044	-0.037	0.007	0.1500
0.2000	-0.254	-0.248	0.006	-0.291	-0.296	-0.005	-0.227	-0.240	-0.013	-0.014	-0.014	0.000	-0.054	-0.035	0.019	0.2000
0.3000	-0.270	-0.291	-0.021	-0.293	-0.294	-0.001	-0.127	-0.119	0.007	-0.019	-0.011	0.008	-0.067	-0.027	0.040	0.3000
0.4000	-0.298	-0.267	0.030	-0.244	-0.237	0.007	0.007	0.023	0.016	-0.026	-0.009	0.017	-0.072	-0.024	0.048	0.4000
0.5000	-0.276	-0.240	0.035	-0.139	-0.126	0.013	0.006	0.010	0.005	-0.031		0.031	-0.065	-0.024	0.041	0.5000
0.6000	-0.149	-0.144	0.005	0.021	0.016	-0.005	-0.009			-0.051	0.010	0.061	-0.048	-0.017	0.031	0.6000
0.6170								0.019								0.6170
0.7000	-0.079	-0.069	0.010	0.002	0.016	0.015	-0.014	0.031	0.045	-0.055	0.018	0.073	-0.029			0.7000
0.7100														-0.011		0.7100
0.8000	-0.020	-0.002	0.017	-0.008	0.038	0.047	-0.021	0.061	0.082	-0.028	0.025	0.053	-0.011			0.8000
0.8100														-0.006		0.8100
0.9000	-0.005	0.037	0.042	0.015	0.056	0.041	-0.005	0.060	0.065	0.014	0.011	-0.003	0.004			0.9000
1.0000	-0.033	0.050	0.083	0.073	0.071	-0.002	0.033	0.027	-0.006	0.070	-0.025	-0.095	0.016	-0.001	-0.005	1.0000
							M = 1.005		α = 03.88							
0.0000	-0.181	-0.235	-0.104	-0.196	-0.285	-0.089	-0.219	-0.362	-0.143	-0.214	-0.382	-0.168	-0.292	-0.426		0.0000
0.0125	-0.166	-0.195	-0.029	-0.210	-0.277	-0.067	-0.234	-0.332	-0.098	-0.260	-0.349	-0.089		-0.365		0.0125
0.0250	-0.158	-0.144	0.013	-0.221	-0.269	-0.048	-0.248	-0.309	-0.061	-0.291	-0.327	-0.036	-0.301	-0.327	-0.027	0.0250
0.0500	-0.161	-0.159	0.002	-0.235	-0.251	-0.015	-0.272	-0.283	-0.011	-0.309	-0.315	-0.006	-0.304	-0.323	-0.020	0.0500
0.0750	-0.174	-0.189	-0.015	-0.264	-0.250	0.014	-0.287	-0.273	0.015	-0.319	-0.317	0.002	-0.301	-0.309	-0.009	0.0750
0.1000	-0.186	-0.201	-0.015	-0.272	-0.258	0.014	-0.288	-0.268	0.021	-0.323	-0.326	-0.003	-0.292	-0.303	-0.011	0.1000
0.1500	-0.215	-0.234	-0.019	-0.266	-0.281	-0.015	-0.289	-0.279	0.010	-0.317	-0.324	-0.007	-0.271	-0.270	0.002	0.1500
0.2000	-0.229	-0.223	0.006	-0.262	-0.282	-0.020	-0.288	-0.294	-0.006	-0.311	-0.316	-0.005	-0.249	-0.232	0.017	0.2000
0.3000	-0.247	-0.276	-0.029	-0.283	-0.280	0.003	-0.303	-0.309	-0.006	-0.299	-0.299	0.000	-0.190	-0.125	0.065	0.3000
0.4000	-0.286	-0.242	0.044	-0.297	-0.291	0.006	-0.306	-0.299	0.007	-0.278	-0.255	0.023	-0.105	0.021	0.126	0.4000
0.5000	-0.284	-0.256	0.028	-0.300	-0.278	0.021	-0.287	-0.278	0.009	-0.224	-0.194	0.030	-0.007	0.097	0.105	0.5000
0.6000	-0.246	-0.246		-0.290	-0.270	0.019	-0.247			-0.157	-0.035	0.123	0.085	0.086	0.001	0.6000
0.6170								-0.229								0.6170
0.7000	-0.321	-0.218	0.103	-0.258	-0.231	0.028	-0.206	-0.150	0.055	-0.043	0.106	0.150	0.100			0.7000
0.7100														0.093		0.7100
0.8000	-0.235	-0.245	-0.009	-0.191	-0.143	0.049	-0.043	0.103	0.146	0.073	0.099	0.026	0.115			0.8000
0.8100														0.099		0.8100
0.9000	-0.128	-0.122	0.006	-0.023	0.047	0.070	0.048	0.111	0.063	0.119	0.087	-0.032	0.106			0.9000
1.0000	0.001	0.151	0.149	0.247	0.339	0.092	0.067	-0.125	-0.193	0.094	0.071	-0.023	0.072	0.108	0.003	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.045		α = 03.88							
0.0000	-0.156	-0.259	-0.104	-0.155	-0.257	-0.102	-0.192	-0.344	-0.152	-0.172	-0.372	-0.200	-0.269	-0.440		0.0000
0.0125	-0.141	-0.169	-0.028	-0.175	-0.250	-0.075	-0.211	-0.315	-0.104	-0.225	-0.335	-0.110		-0.376		0.0125
0.0250	-0.133	-0.119	0.014	-0.190	-0.243	-0.053	-0.226	-0.293	-0.067	-0.261	-0.309	-0.049	-0.280	-0.336	-0.055	0.0250
0.0500	-0.136	-0.133	0.003	-0.205	-0.223	-0.018	-0.247	-0.270	-0.023	-0.279	-0.290	-0.011	-0.287	-0.326	-0.039	0.0500
0.0750	-0.148	-0.161	-0.014	-0.234	-0.225	0.009	-0.259	-0.263	-0.003	-0.287	-0.289	-0.002	-0.289	-0.319	-0.030	0.0750
0.1000	-0.160	-0.174	-0.014	-0.244	-0.230	0.014	-0.261	-0.254	0.007	-0.287	-0.301	-0.014	-0.287	-0.324	-0.037	0.1000
0.1500	-0.186	-0.204	-0.018	-0.240	-0.260	-0.020	-0.264	-0.258	0.006	-0.282	-0.309	-0.027	-0.285	-0.318	-0.033	0.1500
0.2000	-0.198	-0.195	0.003	-0.238	-0.264	-0.026	-0.271	-0.274	-0.003	-0.282	-0.305	-0.023	-0.286	-0.314	-0.028	0.2000
0.3000	-0.216	-0.249	-0.033	-0.257	-0.258	-0.002	-0.275	-0.293	-0.018	-0.280	-0.294	-0.014	-0.290	-0.299	-0.009	0.3000
0.4000	-0.255	-0.214	0.040	-0.272	-0.278	-0.006	-0.288	-0.287	0.000	-0.282	-0.280	0.002	-0.286	-0.258	0.028	0.4000
0.5000	-0.256	-0.237	0.020	-0.281	-0.270	0.011	-0.277	-0.280	-0.003	-0.276	-0.257	0.018	-0.248	-0.216	0.032	0.5000
0.6000	-0.231	-0.240	-0.009	-0.278	-0.273	0.005	-0.267			-0.257	-0.230	0.027	-0.230	-0.059	0.171	0.6000
0.6170								-0.245								0.6170
0.7000	-0.306	-0.226	0.081	-0.273	-0.246	0.027	-0.239	-0.225	0.014	-0.230	-0.183	0.047	-0.186			0.7000
0.7100														0.020		0.7100
0.8000	-0.260	-0.261	-0.001	-0.231	-0.203	0.028	-0.217	-0.100	0.118	-0.197	0.036	0.233	0.006			0.8000
0.8100														-0.015		0.8100
0.9000	-0.184	-0.153	0.032	-0.157	-0.061	0.096	-0.096	0.043	0.139	0.013	0.016	0.003	-0.010			0.9000
1.0000	-0.078	0.100	0.178	-0.053	0.180	0.232	0.125	0.203	0.078	0.400	-0.241	-0.641	-0.236	-0.357	-0.346	1.0000
							M = 1.094		α = 03.88							
0.0000	-0.131	-0.228	-0.097	-0.123	-0.188	-0.066	-0.135	-0.261	-0.126	-0.115	-0.275	-0.160	-0.222	-0.356		0.0000
0.0125	-0.113	-0.135	-0.022	-0.134	-0.192	-0.058	-0.152	-0.240	-0.087	-0.167	-0.249	-0.082		-0.298		0.0125
0.0250	-0.102	-0.082	0.020	-0.143	-0.189	-0.046	-0.167	-0.222	-0.055	-0.201	-0.229	-0.028	-0.228	-0.262	-0.034	0.0250
0.0500	-0.101	-0.095	0.006	-0.154	-0.165	-0.011	-0.186	-0.196	-0.010	-0.220	-0.214	0.006	-0.232	-0.259	-0.027	0.0500
0.0750	-0.112	-0.119	-0.007	-0.181	-0.167	0.014	-0.196	-0.193	0.003	-0.227	-0.215	0.012	-0.232	-0.255	-0.023	0.0750
0.1000	-0.117	-0.130	-0.014	-0.190	-0.171	0.019	-0.195	-0.187	0.008	-0.226	-0.227	-0.001	-0.228	-0.258	-0.029	0.1000
0.1500	-0.145	-0.158	-0.013	-0.185	-0.196	-0.011	-0.192	-0.186	0.006	-0.219	-0.239	-0.021	-0.223	-0.252	-0.030	0.1500
0.2000	-0.154	-0.149	0.005	-0.182	-0.203	-0.021	-0.205	-0.197	0.007	-0.219	-0.240	-0.021	-0.222	-0.250	-0.027	0.2000
0.3000	-0.165	-0.192	-0.027	-0.196	-0.192	0.004	-0.204	-0.221	-0.017	-0.224	-0.237	-0.013	-0.225	-0.231	-0.006	0.3000
0.4000	-0.206	-0.158	0.048	-0.205	-0.213	-0.008	-0.222	-0.220	0.001	-0.229	-0.230		-0.213	-0.192	0.021	0.4000
0.5000	-0.196	-0.182	0.014	-0.217	-0.209	0.008	-0.222	-0.222	-0.001	-0.215	-0.206	0.009	-0.176	-0.156	0.020	0.5000
0.6000	-0.194	-0.196	-0.002	-0.217	-0.214	0.003	-0.206			-0.193	-0.176	0.017	-0.160	-0.010	0.150	0.6000
0.6170								-0.195								0.6170
0.7000	-0.223	-0.196	0.027	-0.209	-0.192	0.017	-0.177	-0.171	0.006	-0.167	-0.153	0.014	-0.122			0.7000
0.7100														0.102		0.7100
0.8000	-0.196	-0.167	0.029	-0.169	-0.154	0.015	-0.160	-0.105	0.055	-0.139	0.121	0.259	0.083			0.8000
0.8100														0.062		0.8100
0.9000	-0.128	-0.070	0.059	-0.107	0.008	0.115	-0.029	0.140	0.169	0.103	0.102	-0.001	0.052			0.9000
1.0000	-0.020	0.095	0.115	-0.024	0.293	0.317	0.215	0.564	0.348	0.559	-0.209	-0.768	-0.215	-0.385	-0.437	1.0000
							M = 1.299		α = -04.13							
0.0000	0.015	-0.187	-0.202	0.018	-0.062	-0.080	-0.023	-0.122	-0.099	0.071	-0.128	-0.199	-0.051	-0.156		0.0000
0.0125	0.032	-0.034	-0.066	0.036	-0.044	-0.080	-0.014	-0.097	-0.086	0.004	-0.107	-0.111		-0.118		0.0125
0.0250	0.047	0.059	0.012	0.040	-0.030	-0.070	-0.014	-0.076	-0.062	-0.040	-0.090	-0.049	-0.068	-0.094	-0.026	0.0250
0.0500	0.068	0.065	-0.003	0.004	-0.015	-0.019	-0.045	-0.050	-0.005	-0.063	-0.067	-0.005	-0.076	-0.089	-0.013	0.0500
0.0750	0.054	0.036	-0.019	-0.017	-0.009	0.008	-0.060	-0.047	0.018	-0.075	-0.069	0.006	-0.075	-0.089	-0.014	0.0750
0.1000	0.048	0.015	-0.033	-0.029	-0.018	0.011	-0.058	-0.042	0.016	-0.078	-0.074	0.004	-0.076	-0.093	-0.017	0.1000
0.1500	0.007	0.020	0.013	-0.032	-0.028	0.004	-0.048	-0.059	-0.011	-0.069	-0.081	-0.012	-0.076	-0.096	-0.019	0.1500
0.2000	0.002	0.001	-0.001	-0.035	-0.052	-0.017	-0.044	-0.062	-0.018	-0.064	-0.080	-0.016	-0.076	-0.098	-0.022	0.2000
0.3000	-0.001	-0.039	-0.038	-0.036	-0.047	-0.011	-0.050	-0.059	-0.010	-0.073	-0.080	-0.008	-0.081	-0.099	-0.019	0.3000
0.4000	-0.039	0.008	0.048	-0.042	-0.055	-0.013	-0.062	-0.071	-0.009	-0.082	-0.083	-0.001	-0.097	-0.098	-0.001	0.4000
0.5000	-0.037	-0.022	0.015	-0.054	-0.055		-0.072	-0.068	0.004	-0.085	-0.082	0.002	-0.107	-0.093	0.014	0.5000
0.6000	-0.042	-0.042	0.001	-0.061	-0.060	0.001	-0.081			-0.095	-0.083	0.013	-0.118	-0.089	0.029	0.6000
0.6170								-0.075								0.6170
0.7000	-0.057	-0.056	0.001	-0.071	-0.069	0.003	-0.088	-0.078	0.010	-0.111	-0.082	0.028	-0.134			0.7000
0.7100														-0.087		0.7100
0.8000	-0.078	-0.036	0.042	-0.093	-0.062	0.031	-0.106	-0.065	0.040	-0.134	-0.076	0.058	-0.143			0.8000
0.8100														-0.091		0.8100
0.9000	-0.105	-0.048	0.057	-0.119	-0.055	0.064	-0.154	-0.057	0.097	-0.146	-0.085	0.061	-0.144			0.9000
1.0000	-0.138	-0.090	0.048	-0.151	-0.049	0.101	-0.232	-0.052	0.181	-0.147	-0.110	0.037	-0.139	-0.112	0.033	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.299 α = -00.05															
0.0000	-0.034	-0.148	-0.114	0.002	-0.110	-0.112	-0.158	-0.218	-0.060	-0.061	-0.174	-0.113	-0.108	-0.224		0.0000
0.0125	-0.025	-0.059	-0.034	-0.021	-0.104	-0.083	-0.091	-0.168	-0.077	-0.074	-0.154	-0.080		-0.174		0.0125
0.0250	-0.018	-0.006	0.012	-0.040	-0.096	-0.056	-0.058	-0.134	-0.077	-0.086	-0.139	-0.052	-0.121	-0.144	-0.023	0.0250
0.0500	-0.011	-0.010	0.002	-0.064	-0.076	-0.012	-0.097	-0.116	-0.019	-0.112	-0.123	-0.011	-0.128	-0.144	-0.016	0.0500
0.0750	-0.022	-0.031	-0.009	-0.095	-0.079	0.016	-0.114	-0.109	0.005	-0.128	-0.122	0.006	-0.129	-0.144	-0.015	0.0750
0.1000	-0.027	-0.052	-0.025	-0.098	-0.085	0.012	-0.118	-0.103	0.015	-0.131	-0.133	-0.002	-0.129	-0.150	-0.021	0.1000
0.1500	-0.061	-0.053	0.008	-0.094	-0.096	-0.002	-0.116	-0.111	0.004	-0.126	-0.135	-0.009	-0.128	-0.152	-0.024	0.1500
0.2000	-0.066	-0.070	-0.004	-0.097	-0.116	-0.019	-0.110	-0.118	-0.008	-0.121	-0.136	-0.015	-0.126	-0.148	-0.023	0.2000
0.3000	-0.080	-0.106	-0.026	-0.108	-0.114	-0.005	-0.110	-0.125	-0.015	-0.122	-0.134	-0.013	-0.129	-0.141	-0.012	0.3000
0.4000	-0.110	-0.064	0.046	-0.119	-0.120	-0.001	-0.120	-0.130	-0.009	-0.131	-0.135	-0.003	-0.134	-0.141	-0.006	0.4000
0.5000	-0.105	-0.094	0.011	-0.121	-0.122	-0.001	-0.125	-0.130	-0.005	-0.134	-0.134	0.000	-0.145	-0.138	0.007	0.5000
0.6000	-0.108	-0.110	-0.002	-0.127	-0.125	0.002	-0.132			-0.141	-0.134	0.006	-0.158	-0.137	0.020	0.6000
0.6170								-0.130								0.6170
0.7000	-0.122	-0.122	0.000	-0.137	-0.132	0.005	-0.141	-0.132	0.009	-0.154	-0.134	0.020	-0.176			0.7000
0.7100														-0.139		0.7100
0.8000	-0.138	-0.100	0.038	-0.149	-0.127	0.021	-0.151	-0.124	0.028	-0.176	-0.130	0.046	-0.186			0.8000
0.8100														-0.145		0.8100
0.9000	-0.161	-0.104	0.057	-0.175	-0.115	0.060	-0.181	-0.116	0.066	-0.184	-0.134	0.051	-0.192			0.9000
1.0000	-0.192	-0.136	0.056	-0.215	-0.093	0.122	-0.230	-0.107	0.123	-0.180	-0.145	0.035	-0.195	-0.169	0.023	1.0000
	M = 1.302 α = 03.88															
0.0000	-0.084	-0.201	-0.117	-0.043	-0.144	-0.100	-0.104	-0.208	-0.104	-0.052	-0.199	-0.146	-0.140	-0.243		0.0000
0.0125	-0.074	-0.108	-0.035	-0.063	-0.144	-0.081	-0.108	-0.189	-0.081	-0.103	-0.186	-0.083		-0.204		0.0125
0.0250	-0.066	-0.054	0.012	-0.079	-0.141	-0.062	-0.114	-0.173	-0.059	-0.136	-0.174	-0.038	-0.159	-0.180	-0.021	0.0250
0.0500	-0.056	-0.060	-0.004	-0.100	-0.121	-0.021	-0.135	-0.156	-0.021	-0.151	-0.154	-0.003	-0.166	-0.175	-0.009	0.0500
0.0750	-0.069	-0.082	-0.013	-0.134	-0.125	0.009	-0.160	-0.147	0.013	-0.165	-0.156	0.009	-0.163	-0.176	-0.014	0.0750
0.1000	-0.074	-0.102	-0.027	-0.142	-0.129	0.013	-0.159	-0.145	0.014	-0.169	-0.167	0.001	-0.163	-0.184	-0.021	0.1000
0.1500	-0.109	-0.100	0.009	-0.139	-0.142	-0.004	-0.154	-0.150	0.004	-0.167	-0.176	-0.009	-0.161	-0.186	-0.025	0.1500
0.2000	-0.111	-0.119	-0.008	-0.143	-0.155	-0.012	-0.154	-0.165	-0.010	-0.161	-0.177	-0.016	-0.157	-0.185	-0.027	0.2000
0.3000	-0.124	-0.152	-0.029	-0.154	-0.162	-0.008	-0.151	-0.167	-0.016	-0.162	-0.174	-0.012	-0.166	-0.181	-0.016	0.3000
0.4000	-0.154	-0.113	0.041	-0.163	-0.164	-0.001	-0.163	-0.170	-0.007	-0.173	-0.172	0.001	-0.176	-0.174	0.001	0.4000
0.5000	-0.148	-0.143	0.005	-0.163	-0.169	-0.006	-0.165	-0.173	-0.008	-0.172	-0.174	-0.002	-0.182	-0.173	0.009	0.5000
0.6000	-0.152	-0.152		-0.166	-0.170	-0.005	-0.175			-0.179	-0.171	0.008	-0.194	-0.173	0.021	0.6000
0.6170								-0.172								0.6170
0.7000	-0.166	-0.164	0.002	-0.178	-0.175	0.003	-0.183	-0.172	0.011	-0.192	-0.170	0.022	-0.209			0.7000
0.7100														-0.175		0.7100
0.8000	-0.177	-0.147	0.030	-0.190	-0.163	0.027	-0.196	-0.159	0.037	-0.209	-0.162	0.047	-0.221			0.8000
0.8100														-0.184		0.8100
0.9000	-0.186	-0.134	0.052	-0.203	-0.146	0.056	-0.208	-0.151	0.057	-0.210	-0.168	0.042	-0.225			0.9000
1.0000	-0.193	-0.125	0.068	-0.216	-0.125	0.091	-0.217	-0.148	0.069	-0.196	-0.190	0.006	-0.220	-0.220	0.005	1.0000
	M = 1.298 α = 07.81															
0.0000	-0.145	-0.362	-0.218	-0.074	-0.195	-0.122	-0.126	-0.252	-0.126	-0.091	-0.245	-0.154	-0.204	-0.255		0.0000
0.0125	-0.152	-0.181	-0.029	-0.104	-0.193	-0.089	-0.147	-0.230	-0.083	-0.147	-0.234	-0.086		-0.229		0.0125
0.0250	-0.150	-0.082	0.067	-0.126	-0.188	-0.062	-0.166	-0.212	-0.046	-0.186	-0.223	-0.037	-0.203	-0.213	-0.010	0.0250
0.0500	-0.114	-0.130	-0.016	-0.147	-0.171	-0.024	-0.196	-0.189	0.007	-0.210	-0.205	0.005	-0.205	-0.215	-0.010	0.0500
0.0750	-0.111	-0.139	-0.029	-0.177	-0.173	0.004	-0.200	-0.187	0.014	-0.221	-0.200	0.021	-0.210	-0.221	-0.011	0.0750
0.1000	-0.126	-0.148	-0.022	-0.192	-0.178	0.014	-0.203	-0.188	0.015	-0.224	-0.208	0.015	-0.209	-0.231	-0.022	0.1000
0.1500	-0.153	-0.157	-0.004	-0.197	-0.186	0.011	-0.200	-0.200	0.001	-0.220	-0.221	-0.001	-0.204	-0.233	-0.029	0.1500
0.2000	-0.167	-0.169	-0.002	-0.194	-0.201	-0.007	-0.203	-0.206	-0.002	-0.216	-0.230	-0.013	-0.200	-0.229	-0.030	0.2000
0.3000	-0.182	-0.207	-0.025	-0.200	-0.211	-0.010	-0.209	-0.222	-0.013	-0.208	-0.226	-0.018	-0.206	-0.221	-0.014	0.3000
0.4000	-0.199	-0.145	0.054	-0.212	-0.205	0.007	-0.218	-0.218	0.000	-0.215	-0.218	-0.003	-0.224	-0.221	0.004	0.4000
0.5000	-0.196	-0.200	-0.004	-0.216	-0.217	-0.001	-0.216	-0.224	-0.008	-0.217	-0.219	-0.002	-0.239	-0.223	0.016	0.5000
0.6000	-0.203	-0.204		-0.219	-0.221	-0.002	-0.223			-0.225	-0.217	0.008	-0.249	-0.229	0.020	0.6000
0.6170								-0.222								0.6170
0.7000	-0.223	-0.221	0.001	-0.226	-0.223	0.003	-0.228	-0.225	0.004	-0.237	-0.217	0.020	-0.263			0.7000
0.7100														-0.226		0.7100
0.8000	-0.228	-0.203	0.025	-0.238	-0.220	0.018	-0.240	-0.213	0.027	-0.256	-0.215	0.041	-0.269			0.8000
0.8100														-0.238		0.8100
0.9000	-0.239	-0.189	0.050	-0.237	-0.193	0.044	-0.235	-0.203	0.032	-0.249	-0.223	0.026	-0.267			0.9000
1.0000	-0.254	-0.177	0.077	-0.225	-0.143	0.082	-0.213	-0.193	0.020	-0.216	-0.241	-0.025	-0.259	-0.298	-0.031	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.301		α = 11.89							
0.0000	-0.173	-0.498	-0.325	-0.114	-0.210	-0.095	-0.178	-0.279	-0.100	-0.150	-0.269	-0.118	-0.223	-0.305		0.0000
0.0125	-0.189	-0.253	-0.063	-0.146	-0.224	-0.078	-0.182	-0.266	-0.084	-0.193	-0.261	-0.068		-0.271		0.0125
0.0250	-0.193	-0.116	0.077	-0.167	-0.230	-0.063	-0.191	-0.254	-0.063	-0.222	-0.253	-0.031	-0.241	-0.251	-0.010	0.0250
0.0500	-0.158	-0.167	-0.008	-0.180	-0.216	-0.035	-0.224	-0.230	-0.006	-0.238	-0.237	.0.001	-0.250	-0.254	-0.005	0.0500
0.0750	-0.145	-0.172	-0.028	-0.221	-0.219	0.002	-0.245	-0.225	0.020	-0.253	-0.237	0.017	-0.250	-0.255	-0.005	0.0750
0.1000	-0.162	-0.194	-0.032	-0.234	-0.225	0.009	-0.251	-0.224	0.026	-0.258	-0.247	0.011	-0.251	-0.261	-0.010	0.1000
0.1500	-0.177	-0.206	-0.030	-0.246	-0.231	0.015	-0.244	-0.239	0.005	-0.253	-0.257	-0.003	-0.249	-0.264	-0.015	0.1500
0.2000	-0.210	-0.203	0.007	-0.239	-0.248	-0.008	-0.244	-0.249	-0.005	-0.250	-0.259	-0.009	-0.247	-0.270	-0.023	0.2000
0.3000	-0.230	-0.258	-0.028	-0.246	-0.264	-0.019	-0.253	-0.269	-0.016	-0.248	-0.265	-0.018	-0.252	-0.270	-0.019	0.3000
0.4000	-0.238	-0.198	0.041	-0.258	-0.256	0.001	-0.261	-0.264	-0.003	-0.250	-0.257	-0.007	-0.258	-0.263	-0.005	0.4000
0.5000	-0.241	-0.244	-0.003	-0.267	-0.264	0.004	-0.268	-0.266	0.002	-0.254	-0.255	-0.001	-0.267	-0.256	0.010	0.5000
0.6000	-0.255	-0.255	0.001	-0.270	-0.271		-0.266			-0.264	-0.261	0.004	-0.276	-0.258	0.017	0.6000
0.6170								-0.269								0.6170
0.7000	-0.265	-0.266	-0.001	-0.269	-0.275	-0.006	-0.266	-0.267	-0.002	-0.276	-0.261	0.015	-0.287			0.7000
0.7100														-0.258		0.7100
0.8000	-0.273	-0.256	0.017	-0.280	-0.268	0.013	-0.276	-0.256	0.021	-0.290	-0.255	0.035	-0.293			0.8000
0.8100														-0.264		0.8100
0.9000	-0.289	-0.253	0.036	-0.268	-0.249	0.019	-0.260	-0.247	0.013	-0.284	-0.261	0.023	-0.295			0.9000
1.0000	-0.312	-0.257	0.056	-0.232	-0.220	0.013	-0.217	-0.243	-0.026	-0.259	-0.279	-0.021	-0.292	-0.294	0.001	1.0000
							M = 1.300		α = 15.91							
0.0000	-0.215	-0.538	-0.323	-0.141	-0.223	-0.082	-0.248	-0.312	-0.065	-0.201	-0.315	-0.114	-0.253	-0.335		0.0000
0.0125	-0.217	-0.289	-0.072	-0.167	-0.251	-0.084	-0.219	-0.295	-0.076	-0.211	-0.295	-0.083		-0.300		0.0125
0.0250	-0.217	-0.149	0.067	-0.187	-0.265	-0.078	-0.210	-0.281	-0.071	-0.222	-0.280	-0.058	-0.265	-0.278	-0.013	0.0250
0.0500	-0.212	-0.200	0.012	-0.211	-0.249	-0.038	-0.249	-0.265	-0.015	-0.247	-0.267	-0.020	-0.271	-0.270	0.001	0.0500
0.0750	-0.189	-0.214	-0.024	-0.260	-0.253	0.007	-0.263	-0.257	0.006	-0.270	-0.260	0.010	-0.270	-0.276	-0.005	0.0750
0.1000	-0.203	-0.235	-0.032	-0.268	-0.261	0.008	-0.271	-0.255	0.016	-0.280	-0.272	0.009	-0.273	-0.285	-0.012	0.1000
0.1500	-0.207	-0.243	-0.036	-0.274	-0.269	0.005	-0.275	-0.264	0.011	-0.283	-0.275	0.008	-0.273	-0.293	-0.020	0.1500
0.2000	-0.241	-0.226	0.015	-0.286	-0.281	0.005	-0.279	-0.273	0.006	-0.280	-0.284	-0.004	-0.273	-0.296	-0.023	0.2000
0.3000	-0.260	-0.278	-0.018	-0.290	-0.299	-0.009	-0.282	-0.293	-0.011	-0.277	-0.290	-0.013	-0.278	-0.296	-0.018	0.3000
0.4000	-0.266	-0.240	0.026	-0.305	-0.311	-0.007	-0.294	-0.304	-0.010	-0.286	-0.297	-0.011	-0.286	-0.294	-0.008	0.4000
0.5000	-0.281	-0.290	-0.009	-0.315	-0.308	0.007	-0.300	-0.309	-0.009	-0.293	-0.300	-0.008	-0.301	-0.295	0.005	0.5000
0.6000	-0.287	-0.288	-0.001	-0.313	-0.317	-0.004	-0.305			-0.301	-0.303	-0.002	-0.308	-0.294	0.015	0.6000
0.6170								-0.311								0.6170
0.7000	-0.307	-0.315	-0.009	-0.315	-0.324	-0.009	-0.308	-0.317	-0.009	-0.316	-0.301	0.015	-0.318			0.7000
0.7100														-0.287		0.7100
0.8000	-0.308	-0.301	0.008	-0.329	-0.322	0.007	-0.321	-0.310	0.012	-0.340	-0.302	0.038	-0.333			0.8000
0.8100														-0.298		0.8100
0.9000	-0.335	-0.304	0.032	-0.348	-0.313	0.035	-0.352	-0.298	0.053	-0.341	-0.304	0.037	-0.332			0.9000
1.0000	-0.388	-0.324	0.064	-0.373	-0.298	0.075	-0.399	-0.283	0.116	-0.318	-0.308	0.010	-0.317	-0.364	-0.032	1.0000
							M = 1.502		α = 03.78							
0.0000	-0.070	-0.205	-0.135	-0.003	-0.085	-0.083	-0.047	-0.149	-0.102	0.009	-0.142	-0.151	-0.102	-0.162		0.0000
0.0125	-0.069	-0.104	-0.034	-0.025	-0.099	-0.074	-0.053	-0.139	-0.086	-0.052	-0.139	-0.087		-0.129		0.0125
0.0250	-0.066	-0.044	0.022	-0.041	-0.105	-0.064	-0.063	-0.129	-0.066	-0.093	-0.133	-0.040	-0.118	-0.110	0.008	0.0250
0.0500	-0.051	-0.047	0.004	-0.057	-0.093	-0.037	-0.097	-0.111	-0.014	-0.117	-0.115	0.002	-0.129	-0.113	0.015	0.0500
0.0750	-0.052	-0.052		-0.091	-0.091		-0.119	-0.107	0.012	-0.135	-0.113	0.022	-0.133	-0.117	0.017	0.0750
0.1000	-0.056	-0.080	-0.024	-0.108	-0.095	0.014	-0.128	-0.107	0.021	-0.142	-0.120	0.022	-0.137	-0.127	0.010	0.1000
0.1500	-0.079	-0.075	0.004	-0.117	-0.104	0.013	-0.126	-0.117	0.009	-0.140	-0.130	0.010	-0.138	-0.139	-0.001	0.1500
0.2000	-0.084	-0.094	-0.010	-0.115	-0.118	-0.002	-0.127	-0.126	0.001	-0.137	-0.140	-0.003	-0.138	-0.145	-0.007	0.2000
0.3000	-0.098	-0.125	-0.027	-0.118	-0.129	-0.010	-0.127	-0.137	-0.010	-0.139	-0.147	-0.008	-0.142	-0.149	-0.007	0.3000
0.4000	-0.116	-0.079	0.037	-0.129	-0.130	-0.001	-0.136	-0.142	-0.006	-0.152	-0.151	0.001	-0.150	-0.152	-0.002	0.4000
0.5000	-0.120	-0.115	0.005	-0.140	-0.140	0.001	-0.145	-0.144	0.001	-0.153	-0.151	0.002	-0.152	-0.153		0.5000
0.6000	-0.127	-0.130	-0.004	-0.142	-0.147	-0.005	-0.146			-0.157	-0.148	0.009	-0.155	-0.148	0.007	0.6000
0.6170								-0.150								0.6170
0.7000	-0.137	-0.144	-0.007	-0.143	-0.147	-0.004	-0.145	-0.148	-0.004	-0.162	-0.147	0.015	-0.161			0.7000
0.7100														-0.140		0.7100
0.8000	-0.141	-0.133	0.008	-0.153	-0.142	0.010	-0.153	-0.142	0.012	-0.170	-0.142	0.028	-0.167			0.8000
0.8100														-0.148		0.8100
0.9000	-0.158	-0.129	0.028	-0.169	-0.137	0.032	-0.180	-0.139	0.041	-0.168	-0.145	0.024	-0.166			0.9000
1.0000	-0.187	-0.132	0.055	-0.194	-0.132	0.062	-0.224	-0.140	0.084	-0.158	-0.155	0.003	-0.157	-0.202	-0.036	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.701		α = 03.73							
0.0000	-0.068	-0.170	-0.103	-0.003	-0.040	-0.037	0.000	-0.109	-0.109	-0.019	-0.112	-0.093	-0.046	-0.099		0.0000
0.0125	-0.067	-0.086	-0.019	-0.014	-0.065	-0.051	-0.019	-0.099	-0.080	-0.030	-0.099	-0.069		-0.080		0.0125
0.0250	-0.064	-0.038	0.026	-0.024	-0.079	-0.055	-0.037	-0.091	-0.054	-0.040	-0.089	-0.048	-0.062	-0.069	-0.007	0.0250
0.0500	-0.051	-0.048	0.003	-0.039	-0.070	-0.032	-0.069	-0.081	-0.012	-0.063	-0.082	-0.019	-0.074	-0.070	0.005	0.0500
0.0750	-0.054	-0.058	-0.004	-0.085	-0.073	0.012	-0.090	-0.080	0.010	-0.088	-0.078	0.009	-0.082	-0.073	0.009	0.0750
0.1000	-0.059	-0.073	-0.014	-0.099	-0.079	0.020	-0.103	-0.080	0.023	-0.102	-0.085	0.017	-0.090	-0.079	0.011	0.1000
0.1500	-0.077	-0.077	-0.001	-0.109	-0.087	0.022	-0.105	-0.088	0.017	-0.112	-0.095	0.017	-0.099	-0.095	0.004	0.1500
0.2000	-0.085	-0.083	0.002	-0.111	-0.092	0.018	-0.108	-0.095	0.013	-0.113	-0.102	0.012	-0.102	-0.101	0.000	0.2000
0.3000	-0.099	-0.103	-0.004	-0.114	-0.112	0.002	-0.113	-0.112	0.001	-0.112	-0.109	0.003	-0.107	-0.109	-0.002	0.3000
0.4000	-0.107	-0.072	0.035	-0.122	-0.126	-0.004	-0.119	-0.122	-0.003	-0.117	-0.113	0.005	-0.116	-0.113	0.003	0.4000
0.5000	-0.112	-0.111	0.001	-0.129	-0.124	0.006	-0.121	-0.127	-0.006	-0.122	-0.120	0.002	-0.126	-0.115	0.010	0.5000
0.6000	-0.122	-0.120	0.002	-0.130	-0.127	0.002	-0.124			-0.127	-0.122	0.005	-0.133	-0.119	0.014	0.6000
0.6170								-0.126								0.6170
0.7000	-0.127	-0.131	-0.003	-0.133	-0.130	0.002	-0.129	-0.128	0.002	-0.134	-0.123	0.011	-0.141			0.7000
0.7100														-0.119		0.7100
0.8000	-0.130	-0.130	0.001	-0.136	-0.131	0.006	-0.136	-0.126	0.010	-0.143	-0.120	0.022	-0.148			0.8000
0.8100														-0.124		0.8100
0.9000	-0.146	-0.127	0.019	-0.150	-0.122	0.028	-0.150	-0.117	0.033	-0.149	-0.121	0.028	-0.149			0.9000
1.0000	-0.174	-0.123	0.051	-0.175	-0.104	0.071	-0.173	-0.103	0.071	-0.155	-0.125	0.029	-0.143	-0.143	0.006	1.0000
							M = 1.906		α = 03.93							
0.0000	-0.057	-0.143	-0.087	0.023	0.024	0.001	0.028	-0.028	-0.056	0.077	-0.007	-0.084	0.049	-0.046		0.0000
0.0125	-0.056	-0.063	-0.007	0.007	-0.016	-0.023	0.017	-0.041	-0.058	0.032	-0.030	-0.062		-0.033		0.0125
0.0250	-0.053	-0.018	0.035	-0.003	-0.041	-0.037	0.004	-0.048	-0.052	0.001	-0.043	-0.044	-0.014	-0.025	-0.012	0.0250
0.0500	-0.044	-0.034	0.010	-0.007	-0.045	-0.038	-0.028	-0.045	-0.017	-0.022	-0.040	-0.018	-0.043	-0.025	0.017	0.0500
0.0750	-0.037	-0.038	-0.001	-0.056	-0.058	-0.001	-0.055	-0.045	0.010	-0.040	-0.042	-0.002	-0.039	-0.034	0.004	0.0750
0.1000	-0.040	-0.048	-0.008	-0.069	-0.061	0.008	-0.062	-0.049	0.013	-0.057	-0.050	0.007	-0.043	-0.048	-0.005	0.1000
0.1500	-0.052	-0.058	-0.006	-0.080	-0.071	0.008	-0.072	-0.061	0.011	-0.071	-0.060	0.011	-0.053	-0.056	-0.004	0.1500
0.2000	-0.065	-0.060	0.005	-0.081	-0.080	0.001	-0.079	-0.069	0.010	-0.076	-0.069	0.007	-0.062	-0.064	-0.002	0.2000
0.3000	-0.076	-0.082	-0.005	-0.087	-0.089	-0.001	-0.085	-0.085	-0.001	-0.082	-0.082	0.000	-0.075	-0.075	-0.001	0.3000
0.4000	-0.078	-0.061	0.017	-0.095	-0.097	-0.002	-0.095	-0.094	0.002	-0.092	-0.084	0.008	-0.085	-0.080	0.005	0.4000
0.5000	-0.088	-0.095	-0.007	-0.103	-0.100	0.003	-0.098	-0.099	-0.001	-0.096	-0.093	0.003	-0.092	-0.083	0.009	0.5000
0.6000	-0.093	-0.097	-0.004	-0.107	-0.102	0.005	-0.100			-0.107	-0.098	0.010	-0.102	-0.087	0.015	0.6000
0.6170								-0.106								0.6170
0.7000	-0.101	-0.104	-0.002	-0.108	-0.109		-0.106	-0.106	0.001	-0.112	-0.100	0.012	-0.110			0.7000
0.7100														-0.089		0.7100
0.8000	-0.107	-0.102	0.005	-0.109	-0.106	0.003	-0.111	-0.100	0.011	-0.123	-0.097	0.025	-0.117			0.8000
0.8100														-0.095		0.8100
0.9000	-0.117	-0.101	0.016	-0.121	-0.098	0.023	-0.125	-0.093	0.032	-0.125	-0.101	0.024	-0.119			0.9000
1.0000	-0.130	-0.100	0.030	-0.142	-0.083	0.059	-0.147	-0.082	0.065	-0.119	-0.110	0.008	-0.116	-0.116	0.004	1.0000
							M = 2.227		α = -03.78							
0.0000	0.042	-0.086	-0.129	0.146	0.134	-0.012	0.155	0.086	-0.068	0.207	0.142	-0.065	0.132	0.085		0.0000
0.0125	0.034	0.007	-0.027	0.117	0.088	-0.030	0.132	0.070	-0.063	0.149	0.095	-0.054		0.089		0.0125
0.0250	0.028	0.060	0.032	0.098	0.057	-0.042	0.111	0.058	-0.053	0.109	0.066	-0.043	0.104	0.089	-0.015	0.0250
0.0500	0.024	0.045	0.021	0.093	0.044	-0.049	0.073	0.050	-0.023	0.081	0.063	-0.019	0.085	0.077	-0.007	0.0500
0.0750	0.035	0.034	-0.001	0.032	0.029	-0.004	0.044	0.044	0.000	0.058	0.058	0.000	0.073	0.073	0.001	0.0752
0.1000	0.037	0.029	-0.008	0.012	0.021	0.009	0.029	0.040	0.011	0.040	0.046	0.006	0.065	0.059	-0.006	0.1000
0.1500	0.029	0.026	-0.003	0.001	0.006	0.005	0.014	0.026	0.011	0.023	0.033	0.009	0.047	0.042	-0.005	0.1500
0.2000	0.012	0.005	-0.008	-0.005	-0.005	-0.001	0.005	0.011	0.006	0.012	0.019	0.007	0.038	0.032	-0.006	0.2000
0.3000	0.004	-0.001	-0.005	-0.012	-0.014	-0.003	-0.009	-0.008	0.001	0.001	0.003	0.002	0.020	0.015	-0.005	0.3000
0.4000	0.000	0.011	0.011	-0.018	-0.024	-0.006	-0.017	-0.018	-0.001	-0.009	-0.001	0.008	0.005	0.006	0.001	0.4000
0.5000	-0.009	-0.017	-0.007	-0.026	-0.029	-0.003	-0.021	-0.023	-0.003	-0.015	-0.015	0.000	-0.006	0.001	0.007	0.5000
0.6000	-0.007	-0.012	-0.006	-0.030	-0.027	0.004	-0.028			-0.025	-0.020	0.005	-0.014	-0.006	0.008	0.6000
0.6170								-0.027								0.6170
0.7000	-0.020	-0.012	0.007	-0.032	-0.032	0.000	-0.027	-0.026	0.000	-0.034	-0.024	0.011	-0.024			0.7000
0.7100														-0.009		0.7100
0.8000	-0.032	-0.025	0.007	-0.031	-0.027	0.005	-0.031	-0.025	0.006	-0.044	-0.023	0.020	-0.037			0.8000
0.8100														-0.016		0.8100
0.9000	-0.043	-0.032	0.011	-0.042	-0.016	0.026	-0.046	-0.018	0.029	-0.045	-0.025	0.020	-0.034			0.9000
1.0000	-0.053	-0.034	0.019	-0.063		0.063	-0.072	-0.004	0.068	-0.039	-0.030	0.010	-0.017	-0.040	-0.005	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 2.230	α = 00.30								
0.0000	-0.009	-0.102	-0.094	0.092	0.081	-0.011	0.099	0.047	-0.052	0.140	0.087	-0.052	0.111	0.043		0.0000
0.0125	-0.009	-0.028	-0.019	0.069	0.044	-0.025	0.083	0.029	-0.055	0.094	0.048	-0.046		0.046		0.0125
0.0250	-0.009	0.014	0.023	0.055	0.020	-0.035	0.067	0.016	-0.051	0.062	0.024	-0.038	0.057	0.045	-0.012	0.0250
0.0500	-0.010	0.003	0.014	0.057	0.011	-0.046	0.035	0.011	-0.024	0.039	0.020	-0.019	0.031	0.028	-0.003	0.0500
0.0750	-0.006	-0.005	0.000	-0.006	-0.008	-0.002	0.006	0.005	-0.001	0.020	0.018	-0.002	0.032	0.029	-0.002	0.0770
0.1000	-0.003	-0.011	-0.008	-0.022	-0.017	0.006	-0.005	-0.001	0.004	0.001	0.006	0.005	0.024	0.021	-0.003	0.1000
0.1500	-0.009	-0.010	-0.001	-0.036	-0.028	0.008	-0.019	-0.013	0.007	-0.012	-0.005	0.007	0.014	0.006	-0.008	0.1500
0.2000	-0.024	-0.030	-0.006	-0.040	-0.039	0.001	-0.031	-0.024	0.007	-0.020	-0.016	0.004	0.003	-0.002	-0.005	0.2000
0.3000	-0.032	-0.035	-0.003	-0.045	-0.048	-0.003	-0.042	-0.042	0.000	-0.031	-0.030	0.002	-0.013	-0.014	-0.001	0.3000
0.4000	-0.033	-0.020	0.013	-0.050	-0.056	-0.007	-0.050	-0.051	-0.001	-0.041	-0.033	0.008	-0.025	-0.026	-0.001	0.4000
0.5000	-0.039	-0.035	0.004	-0.057	-0.059	-0.002	-0.052	-0.056	-0.003	-0.046	-0.045	0.001	-0.034	-0.031	0.003	0.5000
0.6000	-0.040	-0.048	-0.008	-0.060	-0.059	0.000	-0.056			-0.055	-0.049	0.006	-0.043	-0.035	0.009	0.6000
0.6170								-0.061								0.6170
0.7000	-0.053	-0.043	0.010	-0.062	-0.062	0.001	-0.059	-0.063	-0.004	-0.062	-0.054	0.008	-0.048			0.7000
0.7100														-0.041		0.7100
0.8000	-0.062	-0.057	0.005	-0.063	-0.058	0.005	-0.061	-0.057	0.004	-0.071	-0.053	0.018	-0.058			0.8000
0.8100														-0.045		0.8100
0.9000	-0.073	-0.063	0.009	-0.070	-0.049	0.021	-0.076	-0.051	0.026	-0.073	-0.053	0.019	-0.061			0.9000
1.0000	-0.084	-0.062	0.022	-0.085	-0.035	0.050	-0.105	-0.043	0.061	-0.066	-0.054	0.012	-0.059	-0.049	0.012	1.0000
							M = 2.231	α = 04.08								
0.0000	-0.040	-0.125	-0.085	-0.003	0.050	0.053	0.066	0.004	-0.062	0.096	0.044	-0.053	0.055	0.014		0.0000
0.0125	-0.038	-0.066	-0.028	0.022	0.014	-0.008	0.047	-0.006	-0.053	0.055	0.013	-0.041		0.012		0.0125
0.0250	-0.038	-0.031	0.007	0.035	-0.009	-0.044	0.030	-0.013	-0.043	0.026	-0.006	-0.031	0.020	0.009	-0.011	0.0250
0.0500	-0.041	-0.027	0.014	0.024	-0.020	-0.044	0.001	-0.019	-0.020	0.004	-0.011	-0.015	0.001	0.003	0.002	0.0500
0.0750	-0.041	-0.033	0.008	-0.033	-0.037	-0.004	-0.020	-0.024	-0.004	-0.013	-0.015	-0.002	-0.001	-0.003	-0.002	0.0750
0.1000	-0.035	-0.038	-0.003	-0.049	-0.045	0.004	-0.033	-0.028	0.004	-0.028	-0.023	0.004	-0.008	-0.015	-0.007	0.1000
0.1500	-0.043	-0.043	0.000	-0.061	-0.058	0.003	-0.046	-0.041	0.006	-0.040	-0.035	0.005	-0.021	-0.026	-0.006	0.1500
0.2000	-0.054	-0.056	-0.001	-0.065	-0.067	-0.002	-0.055	-0.049	0.006	-0.048	-0.043	0.004	-0.030	-0.036	-0.006	0.2000
0.3000	-0.059	-0.061	-0.002	-0.070	-0.075	-0.005	-0.067	-0.063	0.003	-0.057	-0.055	0.002	-0.043	-0.046	-0.004	0.3000
0.4000	-0.060	-0.053	0.007	-0.078	-0.081	-0.003	-0.075	-0.073	0.002	-0.066	-0.057	0.009	-0.053	-0.053	0.000	0.4000
0.5000	-0.067	-0.075	-0.007	-0.082	-0.084	-0.002	-0.079	-0.079	0.000	-0.070	-0.072	-0.002	-0.062	-0.056	0.006	0.5000
0.6000	-0.066	-0.073	-0.007	-0.085	-0.086		-0.082			-0.079	-0.074	0.004	-0.070	-0.061	0.009	0.6000
0.6170								-0.082								0.6170
0.7000	-0.078	-0.064	0.014	-0.087	-0.087		-0.084	-0.086	-0.002	-0.085	-0.077	0.008	-0.078			0.7000
0.7100														-0.064		0.7100
0.8000	-0.090	-0.089	0.000	-0.088	-0.085	0.003	-0.086	-0.081	0.005	-0.092	-0.077	0.015	-0.085			0.8000
0.8100														-0.069		0.8100
0.9000	-0.097	-0.093	0.004	-0.093	-0.071	0.022	-0.097	-0.076	0.021	-0.096	-0.078	0.017	-0.083			0.9000
1.0000	-0.099	-0.075	0.025	-0.101	-0.045	0.057	-0.116	-0.072	0.044	-0.095	-0.081	0.014	-0.072	-0.087	-0.005	1.0000
							M = 2.238	α = 08.26								
0.0000	-0.026	-0.141	-0.115	0.040	0.026	-0.015	0.030	-0.010	-0.040	0.059	0.001	-0.058	0.001	-0.047		0.0000
0.0125	-0.039	-0.100	-0.060	0.013	-0.007	-0.020	0.014	-0.027	-0.041	0.019	-0.021	-0.040		-0.028		0.0125
0.0250	-0.049	-0.071	-0.021	-0.001	-0.029	-0.028	-0.001	-0.039	-0.037	-0.009	-0.035	-0.026	-0.014	-0.019	-0.004	0.0250
0.0500	-0.060	-0.051	0.008	0.012	-0.037	-0.049	-0.027	-0.044	-0.017	-0.028	-0.040	-0.012	-0.025	-0.028	-0.003	0.0500
0.0750	-0.067	-0.055	0.012	-0.048	-0.051	-0.003	-0.045	-0.050	-0.005	-0.044	-0.043	0.001	-0.032	-0.034	-0.002	0.0750
0.1000	-0.064	-0.058	0.006	-0.062	-0.061	0.001	-0.058	-0.053	0.004	-0.055	-0.051	0.005	-0.037	-0.043	-0.006	0.1000
0.1500	-0.066	-0.073	-0.007	-0.076	-0.067	0.010	-0.070	-0.062	0.008	-0.065	-0.060	0.005	-0.047	-0.053	-0.006	0.1500
0.2000	-0.074	-0.079	-0.005	-0.090	-0.075	0.015	-0.077	-0.073	0.004	-0.073	-0.067	0.006	-0.056	-0.059	-0.003	0.2000
0.3000	-0.083	-0.082	0.001	-0.091	-0.087	0.004	-0.089	-0.087	0.002	-0.080	-0.079	0.001	-0.067	-0.069	-0.002	0.3000
0.4000	-0.085	-0.079	0.007	-0.100	-0.096	0.004	-0.096	-0.096	0.000	-0.088	-0.076	0.012	-0.078	-0.074	0.003	0.4000
0.5000	-0.090	-0.089	0.001	-0.104	-0.104	0.000	-0.099	-0.101	-0.002	-0.092	-0.091	0.001	-0.083	-0.078	0.005	0.5000
0.6000	-0.094	-0.095	-0.002	-0.108	-0.105	0.003	-0.103			-0.099	-0.094	0.005	-0.090	-0.083	0.007	0.6000
0.6170								-0.105								0.6170
0.7000	-0.095	-0.093	0.003	-0.108	-0.108		-0.106	-0.105	0.001	-0.104	-0.097	0.007	-0.097			0.7000
0.7100														-0.085		0.7100
0.8000	-0.105	-0.102	0.004	-0.110	-0.108	0.002	-0.110	-0.104	0.006	-0.112	-0.097	0.015	-0.103			0.8000
0.8100														-0.089		0.8100
0.9000	-0.109	-0.108	0.000	-0.117	-0.101	0.015	-0.119	-0.099	0.019	-0.114	-0.098	0.016	-0.101			0.9000
1.0000	-0.106	-0.113	-0.006	-0.127	-0.089	0.038	-0.134	-0.092	0.042	-0.112	-0.101	0.011	-0.091	-0.101	0.000	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Concluded

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 2.231		α = 12.09							
0.0000	-0.023	-0.133	-0.111	0.028	0.019	-0.009	0.008	-0.031	-0.039	0.029	-0.010	-0.038	-0.016	-0.036		0.0000
0.0125	-0.045	-0.103	-0.058	-0.002	-0.017	-0.016	-0.008	-0.044	-0.037	-0.007	-0.038	-0.031		-0.039		0.0125
0.0250	-0.062	-0.082	-0.021	-0.016	-0.041	-0.025	-0.022	-0.054	-0.032	-0.031	-0.056	-0.024	-0.036	-0.043	-0.007	0.0250
0.0500	-0.081	-0.071	0.010	0.002	-0.054	-0.055	-0.047	-0.060	-0.014	-0.048	-0.060	-0.012	-0.049	-0.050	-0.001	0.0500
0.0750	-0.086	-0.077	0.009	-0.064	-0.070	-0.006	-0.064	-0.066	-0.001	-0.062	-0.063	-0.002	-0.055	-0.055	0.000	0.0750
0.1000	-0.083	-0.079	0.004	-0.076	-0.077	-0.001	-0.074	-0.070	0.004	-0.073	-0.071	0.001	-0.060	-0.063	-0.003	0.1000
0.1500	-0.092	-0.095	-0.003	-0.094	-0.091	0.003	-0.083	-0.080	0.004	-0.083	-0.080	0.003	-0.070	-0.073	-0.003	0.1500
0.2000	-0.099	-0.102	-0.004	-0.105	-0.101	0.004	-0.091	-0.088	0.003	-0.087	-0.087	0.000	-0.077	-0.078	-0.001	0.2000
0.3000	-0.106	-0.109	-0.003	-0.113	-0.113	0.000	-0.102	-0.102	0.001	-0.094	-0.097	-0.002	-0.087	-0.088	-0.002	0.3000
0.4000	-0.112	-0.094	0.018	-0.118	-0.123	-0.005	-0.111	-0.110	0.001	-0.103	-0.093	0.010	-0.094	-0.093	0.001	0.4000
0.5000	-0.118	-0.118		-0.126	-0.126	-0.001	-0.116	-0.118	-0.001	-0.107	-0.107	0.000	-0.101	-0.097	0.004	0.5000
0.6000	-0.113	-0.116	-0.003	-0.130	-0.129	0.001	-0.120			-0.115	-0.110	0.004	-0.107	-0.101	0.006	0.6000
0.6170								-0.122								0.6170
0.7000	-0.116	-0.114	0.003	-0.132	-0.131	0.001	-0.123	-0.123		-0.121	-0.115	0.006	-0.114			0.7000
0.7100														-0.101		0.7100
0.8000	-0.123	-0.120	0.004	-0.134	-0.130	0.004	-0.128	-0.122	0.006	-0.127	-0.115	0.012	-0.120			0.8000
0.8100														-0.106		0.8100
0.9000	-0.134	-0.125	0.009	-0.139	-0.120	0.018	-0.139	-0.121	0.018	-0.130	-0.118	0.012	-0.119			0.9000
1.0000	-0.149	-0.130	0.019	-0.147	-0.101	0.046	-0.156	-0.121	0.035	-0.128	-0.124	0.004	-0.109	-0.128	-0.009	1.0000
							M = 2.239		α = 16.31							
0.0000	-0.024	-0.146	-0.122	0.029	0.043	0.013	0.000	-0.033	-0.033	0.015	-0.020	-0.035	-0.028	-0.052		0.0000
0.0125	-0.053	-0.115	-0.062	-0.003	-0.007	-0.004	-0.017	-0.049	-0.032	-0.021	-0.048	-0.028		-0.055		0.0125
0.0250	-0.073	-0.096	-0.023	-0.019	-0.040	-0.021	-0.032	-0.061	-0.028	-0.045	-0.067	-0.021	-0.050	-0.059	-0.008	0.0250
0.0500	-0.081	-0.091	-0.009	-0.006	-0.056	-0.050	-0.059	-0.071	-0.013	-0.062	-0.072	-0.010	-0.065	-0.067	-0.002	0.0500
0.0750	-0.100	-0.097	0.003	-0.071	-0.073	-0.001	-0.078	-0.078	0.000	-0.077	-0.076	0.001	-0.071	-0.071	0.000	0.0750
0.1000	-0.101	-0.100	0.001	-0.084	-0.082	0.001	-0.087	-0.083	0.004	-0.087	-0.086	0.002	-0.076	-0.081	-0.005	0.1000
0.1500	-0.110	-0.116	-0.006	-0.100	-0.096	0.004	-0.097	-0.092	0.005	-0.097	-0.093	0.004	-0.085	-0.089	-0.004	0.1500
0.2000	-0.118	-0.125	-0.007	-0.109	-0.107	0.002	-0.103	-0.098	0.005	-0.102	-0.101	0.002	-0.091	-0.094	-0.003	0.2000
0.3000	-0.128	-0.132	-0.004	-0.120	-0.122	-0.002	-0.112	-0.110	0.002	-0.109	-0.110	-0.001	-0.101	-0.103	-0.002	0.3000
0.4000	-0.133	-0.121	0.011	-0.130	-0.134	-0.004	-0.118	-0.117	0.002	-0.116	-0.105	0.011	-0.109	-0.107	0.002	0.4000
0.5000	-0.142	-0.146	-0.004	-0.143	-0.143	0.000	-0.121	-0.123	-0.002	-0.118	-0.118	0.001	-0.115	-0.110	0.005	0.5000
0.6000	-0.143	-0.152	-0.009	-0.151	-0.152	-0.001	-0.127			-0.124	-0.120	0.004	-0.121	-0.113	0.007	0.6000
0.6170								-0.129								0.6170
0.7000	-0.147	-0.149	-0.003	-0.157	-0.158	-0.001	-0.133	-0.135	-0.002	-0.130	-0.122	0.008	-0.128			0.7000
0.7100														-0.114		0.7100
0.8000	-0.151	-0.152	-0.001	-0.160	-0.159	0.000	-0.140	-0.137	0.003	-0.137	-0.122	0.015	-0.133			0.8000
0.8100														-0.118		0.8100
0.9000	-0.156	-0.150	0.005	-0.168	-0.154	0.014	-0.153	-0.139	0.014	-0.141	-0.127	0.014	-0.133			0.9000
1.0000	-0.162	-0.144	0.018	-0.181	-0.141	0.040	-0.171	-0.141	0.030	-0.140	-0.136	0.005	-0.128	-0.133		1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4°$

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.699		α =-04.23							
0.0000	-0.037	-0.020	0.017	-0.066	-0.106	-0.041	-0.040	-0.124	-0.083	-0.084	-0.073	0.011	-0.193	-0.132		0.0000
0.0125	-0.031	-0.028	0.003	-0.072	-0.104	-0.032	-0.073	-0.117	-0.044	-0.110	-0.086	0.024		-0.096		0.0125
0.0250	-0.031	-0.035	-0.004	-0.079	-0.100	-0.022	-0.096	-0.109	-0.013	-0.127	-0.091	0.036	-0.132	-0.072	0.060	0.0250
0.0500	-0.048	-0.046	0.002	-0.095	-0.088	0.007	-0.110	-0.088	0.022	-0.134	-0.080	0.054	-0.107	-0.062	0.046	0.0500
0.0750	-0.058	-0.047	0.011	-0.116	-0.090	0.026	-0.122	-0.082	0.039	-0.137	-0.079	0.058	-0.118	-0.065	0.053	0.0750
0.1000	-0.066	-0.057	0.008	-0.119	-0.093	0.025	-0.121	-0.079	0.042	-0.133	-0.083	0.050	-0.117	-0.063	0.054	0.1000
0.1500	-0.068	-0.072	-0.003	-0.104	-0.093	0.011	-0.108	-0.083	0.025	-0.116	-0.084	0.032	-0.110	-0.068	0.042	0.1500
0.2000	-0.085	-0.071	0.014	-0.098	-0.094	0.003	-0.104	-0.082	0.022	-0.104	-0.081	0.023	-0.105	-0.065	0.040	0.2000
0.3000	-0.088	-0.084	0.004	-0.095	-0.085	0.010	-0.096	-0.076	0.020	-0.097	-0.065	0.032	-0.104	-0.056	0.048	0.3000
0.4000	-0.081	-0.075	0.006	-0.092	-0.071	0.021	-0.088	-0.062	0.026	-0.088	-0.055	0.033	-0.100	-0.050	0.050	0.4000
0.5000	-0.081	-0.071	0.011	-0.083	-0.063	0.020	-0.076	-0.050	0.026	-0.084	-0.042	0.042	-0.091	-0.045	0.046	0.5000
0.6000	-0.065	-0.059	0.006	-0.068	-0.048	0.019	-0.064			-0.085	-0.034	0.051	-0.077	-0.039	0.038	0.6000
0.6170								-0.034								0.6170
0.7000	-0.061	-0.042	0.019	-0.061	-0.024	0.036	-0.058	-0.014	0.045	-0.082	-0.026	0.056	-0.065			0.7000
0.7100														-0.028		0.7100
0.8000	-0.062	-0.012	0.050	-0.044	0.004	0.048	-0.057	0.018	0.075	-0.061	-0.010	0.051	-0.036			0.8000
0.8100														-0.023		0.8100
0.9000	-0.048	0.005	0.054	-0.017	0.030	0.047	-0.042	0.028	0.070	-0.027	-0.004	0.023	-0.010			0.9000
1.0000	-0.020	0.009	0.029	0.022	0.055	0.034	-0.015	0.016	0.032	0.021	-0.008	-0.029	0.013	-0.023	-0.013	1.0000
							M = 0.696		α =-00.20							
0.0000	-0.060	-0.047	0.013	-0.087	-0.135	-0.048	-0.077	-0.117	-0.040	-0.044	-0.111	-0.067	-0.135	-0.140		0.0000
0.0125	-0.062	-0.059	0.003	-0.099	-0.134	-0.035	-0.095	-0.125	-0.030	-0.089	-0.104	-0.014		-0.105		0.0125
0.0250	-0.067	-0.069	-0.003	-0.108	-0.131	-0.023	-0.109	-0.125	-0.016	-0.119	-0.099	0.020	-0.130	-0.081	0.049	0.0250
0.0500	-0.082	-0.082		-0.119	-0.120		-0.125	-0.104	0.021	-0.129	-0.094	0.035	-0.123	-0.069	0.055	0.0500
0.0750	-0.090	-0.085	0.005	-0.142	-0.121	0.021	-0.130	-0.100	0.030	-0.134	-0.085	0.049	-0.116	-0.072	0.044	0.0750
0.1000	-0.100	-0.093	0.007	-0.145	-0.123	0.022	-0.129	-0.093	0.036	-0.132	-0.089	0.043	-0.109	-0.070	0.039	0.1000
0.1500	-0.101	-0.105	-0.005	-0.128	-0.119	0.009	-0.117	-0.092	0.025	-0.117	-0.090	0.027	-0.105	-0.073	0.032	0.1500
0.2000	-0.114	-0.104	0.010	-0.120	-0.118	0.002	-0.112	-0.098	0.014	-0.105	-0.086	0.019	-0.102	-0.069	0.034	0.2000
0.3000	-0.116	-0.111	0.004	-0.113	-0.106	0.008	-0.103	-0.093	0.010	-0.095	-0.075	0.019	-0.102	-0.059	0.043	0.3000
0.4000	-0.102	-0.100	0.002	-0.104	-0.090	0.015	-0.093	-0.079	0.013	-0.087	-0.062	0.025	-0.096	-0.055	0.041	0.4000
0.5000	-0.095	-0.089	0.006	-0.094	-0.075	0.019	-0.074	-0.063	0.011	-0.085	-0.052	0.032	-0.092	-0.046	0.046	0.5000
0.6000	-0.080	-0.075	0.005	-0.071	-0.057	0.015	-0.068			-0.083	-0.037	0.045	-0.082	-0.037	0.045	0.6000
0.6170								-0.038								0.6170
0.7000	-0.072	-0.053	0.019	-0.064	-0.030	0.034	-0.060	-0.019	0.041	-0.085	-0.025	0.059	-0.069			0.7000
0.7100														-0.027		0.7100
0.8000	-0.066	-0.021	0.044	-0.050	-0.006	0.044	-0.057	0.012	0.069	-0.060	-0.011	0.048	-0.040			0.8000
0.8100														-0.023		0.8100
0.9000	-0.052	-0.003	0.050	-0.027	0.017	0.045	-0.039	0.019	0.058	-0.025	-0.007	0.018	-0.025			0.9000
1.0000	-0.032	0.004	0.035	0.005	0.040	0.035	-0.006	0.002	0.008	0.019	-0.013	-0.033	-0.025	-0.029	-0.003	1.0000
							M = 0.695		α = 03.73							
0.0000	-0.094	-0.099	-0.005	-0.114	-0.168	-0.054	-0.040	-0.082	-0.041	-0.012	-0.117	-0.105	-0.202	-0.145		0.0000
0.0125	-0.097	-0.103	-0.006	-0.122	-0.165	-0.043	-0.085	-0.124	-0.039	-0.076	-0.117	-0.041		-0.110		0.0125
0.0250	-0.101	-0.107	-0.007	-0.130	-0.161	-0.031	-0.115	-0.145	-0.030	-0.116	-0.115	0.001	-0.123	-0.087	0.036	0.0250
0.0500	-0.113	-0.118	-0.005	-0.142	-0.146	-0.004	-0.132	-0.125	0.006	-0.126	-0.102	0.024	-0.092	-0.075	0.017	0.0500
0.0750	-0.122	-0.122	0.000	-0.161	-0.145	0.016	-0.139	-0.110	0.029	-0.132	-0.093	0.039	-0.109	-0.073	0.037	0.0750
0.1000	-0.130	-0.129	0.001	-0.162	-0.145	0.016	-0.136	-0.110	0.026	-0.129	-0.096	0.033	-0.107	-0.074	0.033	0.1000
0.1500	-0.127	-0.139	-0.012	-0.143	-0.141	0.002	-0.121	-0.114	0.008	-0.115	-0.097	0.019	-0.103	-0.073	0.030	0.1500
0.2000	-0.141	-0.136	0.005	-0.135	-0.137	-0.002	-0.113	-0.111	0.002	-0.101	-0.087	0.014	-0.100	-0.069	0.031	0.2000
0.3000	-0.138	-0.140	-0.002	-0.126	-0.120	0.006	-0.105	-0.100	0.005	-0.093	-0.079	0.014	-0.100	-0.061	0.039	0.3000
0.4000	-0.122	-0.123	-0.002	-0.115	-0.101	0.014	-0.094	-0.084	0.010	-0.086	-0.066	0.021	-0.094	-0.050	0.046	0.4000
0.5000	-0.110	-0.110	0.001	-0.099	-0.082	0.017	-0.079	-0.067	0.012	-0.084	-0.054	0.030	-0.086	-0.046	0.040	0.5000
0.6000	-0.091	-0.088	0.003	-0.073	-0.061	0.012	-0.069			-0.087	-0.043	0.044	-0.074	-0.037	0.037	0.6000
0.6170								-0.038								0.6170
0.7000	-0.077	-0.065	0.013	-0.066	-0.035	0.031	-0.061	-0.022	0.039	-0.083	-0.032	0.051	-0.059			0.7000
0.7100														-0.030		0.7100
0.8000	-0.071	-0.029	0.042	-0.053	-0.010	0.043	-0.060	0.007	0.067	-0.069	-0.017	0.052	-0.035			0.8000
0.8100														-0.018		0.8100
0.9000	-0.056	-0.009	0.047	-0.027	0.013	0.040	-0.050	0.019	0.069	-0.039	-0.010	0.029	-0.023			0.9000
1.0000	-0.034	-0.006	0.029	0.012	0.035	0.022	-0.032	0.014	0.046	0.007	-0.011	-0.018	-0.023	0.014	0.038	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 0.697 α = 07.66															
0.0000	-0.160	-0.156	0.003	-0.141	-0.217	-0.077	-0.113	-0.176	-0.063	-0.062	-0.135	-0.073	-0.161	-0.156		0.0000
0.0125	-0.155	-0.165	-0.010	-0.154	-0.216	-0.061	-0.127	-0.177	-0.050	-0.096	-0.131	-0.034		-0.120		0.0125
0.0250	-0.156	-0.172	-0.016	-0.166	-0.211	-0.045	-0.137	-0.171	-0.034	-0.120	-0.125	-0.005	-0.119	-0.095	0.024	0.0250
0.0500	-0.171	-0.181	-0.011	-0.181	-0.192	-0.011	-0.147	-0.141	0.006	-0.137	-0.112	0.026	-0.102	-0.082	0.020	0.0500
0.0750	-0.181	-0.179	0.002	-0.202	-0.188	0.015	-0.155	-0.133	0.022	-0.138	-0.106	0.032	-0.111	-0.086	0.025	0.0750
0.1000	-0.188	-0.188		-0.202	-0.188	0.014	-0.152	-0.131	0.022	-0.134	-0.105	0.029	-0.107	-0.082	0.026	0.1000
0.1500	-0.180	-0.196	-0.016	-0.180	-0.180	0.000	-0.138	-0.131	0.007	-0.120	-0.107	0.014	-0.101	-0.081	0.020	0.1500
0.2000	-0.192	-0.187	0.005	-0.168	-0.173	-0.005	-0.131	-0.129	0.002	-0.110	-0.096	0.014	-0.102	-0.076	0.026	0.2000
0.3000	-0.176	-0.185	-0.009	-0.154	-0.151	0.003	-0.117	-0.113	0.004	-0.098	-0.090	0.008	-0.101	-0.068	0.034	0.3000
0.4000	-0.154	-0.195	-0.001	-0.136	-0.127	0.009	-0.105	-0.100	0.004	-0.087	-0.077	0.010	-0.095	-0.060	0.035	0.4000
0.5000	-0.138	-0.135	0.003	-0.118	-0.103	0.015	-0.090	-0.078	0.013	-0.087	-0.058	0.029	-0.085	-0.054	0.032	0.5000
0.6000	-0.110	-0.108	0.002	-0.092	-0.080	0.011	-0.079			-0.089	-0.039	0.050	-0.076	-0.044	0.032	0.6000
0.6170								-0.051								0.6170
0.7000	-0.095	-0.079	0.016	-0.081	-0.049	0.031	-0.073	-0.033	0.040	-0.085	-0.031	0.055	-0.063			0.7000
0.7100														-0.035		0.7100
0.8000	-0.088	-0.040	0.049	-0.067	-0.019	0.048	-0.074	0.001	0.074	-0.067	-0.019	0.048	-0.036			0.8000
0.8100														-0.028		0.8100
0.9000	-0.072	-0.020	0.052	-0.039	0.007	0.046	-0.057	0.011	0.069	-0.032	-0.018	0.014	-0.027			0.9000
1.0000	-0.048	-0.020	0.028	0.004	0.029	0.025	-0.025	-0.002	0.023	0.019	-0.028	-0.047	-0.037	-0.018	0.009	1.0000
	M = 0.702 α = 11.74															
0.0000	-0.256	-0.268	-0.011	-0.203	-0.342	-0.139	-0.148	-0.244	-0.096	-0.087	-0.176	-0.090	-0.170	-0.188		0.0000
0.0125	-0.244	-0.268	-0.024	-0.223	-0.331	-0.108	-0.164	-0.249	-0.084	-0.119	-0.171	-0.052		-0.146		0.0125
0.0250	-0.239	-0.269	-0.030	-0.239	-0.318	-0.079	-0.179	-0.247	-0.068	-0.142	-0.163	-0.022	-0.125	-0.118	0.007	0.0250
0.0500	-0.253	-0.276	-0.022	-0.262	-0.289	-0.026	-0.200	-0.223	-0.023	-0.154	-0.142	0.012	-0.108	-0.103	0.005	0.0500
0.0750	-0.267	-0.269	-0.002	-0.288	-0.280	0.008	-0.205	-0.189	0.015	-0.157	-0.133	0.025	-0.117	-0.104	0.012	0.0750
0.1000	-0.277	-0.279	-0.002	-0.288	-0.276	0.012	-0.201	-0.184	0.017	-0.153	-0.133	0.021	-0.115	-0.097	0.018	0.1000
0.1500	-0.262	-0.285	-0.023	-0.255	-0.262	-0.008	-0.187	-0.177	0.010	-0.139	-0.130	0.009	-0.109	-0.097	0.012	0.1500
0.2000	-0.270	-0.269	0.001	-0.237	-0.250	-0.013	-0.177	-0.176	0.002	-0.128	-0.119	0.009	-0.109	-0.090	0.019	0.2000
0.3000	-0.241	-0.257	-0.016	-0.213	-0.221	-0.008	-0.155	-0.160	-0.005	-0.117	-0.099	0.017	-0.110	-0.081	0.028	0.3000
0.4000	-0.207	-0.209	-0.002	-0.189	-0.183	0.006	-0.138	-0.125	0.014	-0.107	-0.089	0.018	-0.106	-0.072	0.034	0.4000
0.5000	-0.181	-0.174	0.007	-0.165	-0.152	0.013	-0.123	-0.107	0.016	-0.101	-0.074	0.027	-0.099	-0.063	0.037	0.5000
0.6000	-0.140	-0.138	0.002	-0.136	-0.125	0.011	-0.107			-0.103	-0.064	0.039	-0.087	-0.048	0.039	0.6000
0.6170								-0.077								0.6170
0.7000	-0.119	-0.104	0.015	-0.121	-0.095	0.025	-0.100	-0.056	0.044	-0.103	-0.043	0.060	-0.074			0.7000
0.7100														-0.044		0.7100
0.8000	-0.107	-0.061	0.046	-0.106	-0.045	0.060	-0.098	-0.025	0.073	-0.083	-0.028	0.055	-0.043			0.8000
0.8100														-0.037		0.8100
0.9000	-0.087	-0.035	0.053	-0.073	-0.022	0.051	-0.083	-0.002	0.081	-0.036	-0.032	0.004	-0.038			0.9000
1.0000	-0.061	-0.025	0.035	-0.023	-0.024	-0.002	-0.054	0.013	0.067	0.040	-0.052	-0.092	-0.060	-0.014	0.024	1.0000
	M = 0.696 α = 15.72															
0.0000	-0.343	-0.359	-0.016	-0.280	-0.486	-0.206	-0.159	-0.382	-0.223	-0.079	-0.208	-0.128	-0.147	-0.249		0.0000
0.0125	-0.331	-0.358	-0.027	-0.308	-0.470	-0.163	-0.222	-0.397	-0.175	-0.141	-0.231	-0.090		-0.189		0.0125
0.0250	-0.326	-0.359	-0.033	-0.331	-0.452	-0.121	-0.268	-0.399	-0.131	-0.180	-0.239	-0.059	-0.126	-0.148	-0.022	0.0250
0.0500	-0.339	-0.369	-0.030	-0.366	-0.409	-0.043	-0.305	-0.362	-0.056	-0.189	-0.209	-0.020	-0.118	-0.124	-0.006	0.0500
0.0750	-0.353	-0.361	-0.008	-0.393	-0.394	-0.001	-0.322	-0.316	0.005	-0.194	-0.187	0.006	-0.122	-0.123	-0.001	0.0750
0.1000	-0.363	-0.371	-0.008	-0.395	-0.386	0.009	-0.315	-0.299	0.016	-0.196	-0.181	0.015	-0.120	-0.117	0.003	0.1000
0.1500	-0.343	-0.376	-0.032	-0.357	-0.364	-0.006	-0.289	-0.293	-0.004	-0.180	-0.180		-0.115	-0.115	-0.001	0.1500
0.2000	-0.351	-0.355	-0.004	-0.332	-0.349	-0.017	-0.274	-0.286	-0.012	-0.162	-0.165	-0.003	-0.118	-0.107	0.010	0.2000
0.3000	-0.312	-0.333	-0.021	-0.295	-0.304	-0.009	-0.254	-0.252	0.002	-0.147	-0.152	-0.004	-0.121	-0.096	0.025	0.3000
0.4000	-0.269	-0.264	0.004	-0.258	-0.256	0.002	-0.222	-0.218	0.004	-0.135	-0.132	0.003	-0.117	-0.080	0.037	0.4000
0.5000	-0.227	-0.220	0.007	-0.228	-0.211	0.017	-0.193	-0.181	0.012	-0.133	-0.114	0.019	-0.110	-0.068	0.042	0.5000
0.6000	-0.170	-0.171	-0.002	-0.192	-0.165	0.028	-0.176			-0.132	-0.096	0.036	-0.099	-0.061	0.038	0.6000
0.6170								-0.144								0.6170
0.7000	-0.144	-0.126	0.018	-0.150	-0.128	0.022	-0.165	-0.125	0.039	-0.133	-0.082	0.052	-0.082			0.7000
0.7100														-0.053		0.7100
0.8000	-0.117	-0.075	0.042	-0.141	-0.089	0.053	-0.165	-0.091	0.075	-0.118	-0.063	0.055	-0.059			0.8000
0.8100														-0.049		0.8100
0.9000	-0.095	-0.046	0.049	-0.109	-0.057	0.052	-0.145	-0.068	0.078	-0.070	-0.055	0.015	-0.048			0.9000
1.0000	-0.077	-0.038	0.039	-0.052	-0.033	0.019	-0.106	-0.056	0.049	0.009	-0.058	-0.067	-0.050	-0.054	-0.006	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.904		α = 03.73							
0.0000	-0.106	-0.098	0.008	-0.137	-0.217	-0.080	-0.090	-0.198	-0.108	-0.012	-0.144	-0.132	-0.110	-0.146		0.0000
0.0125	-0.104	-0.105	-0.001	-0.149	-0.205	-0.056	-0.112	-0.166	-0.054	-0.071	-0.120	-0.048		-0.104		0.0125
0.0250	-0.106	-0.112	-0.006	-0.159	-0.195	-0.037	-0.128	-0.143	-0.015	-0.109	-0.103	0.005	-0.101	-0.077	0.023	0.0250
0.0500	-0.122	-0.128	-0.006	-0.170	-0.179	-0.008	-0.141	-0.125	0.016	-0.116	-0.092	0.024	-0.094	-0.069	0.026	0.0500
0.0750	-0.143	-0.144	-0.001	-0.197	-0.180	0.017	-0.146	-0.115	0.031	-0.119	-0.083	0.035	-0.090	-0.064	0.026	0.0750
0.1000	-0.155	-0.156	-0.001	-0.201	-0.177	0.024	-0.138	-0.111	0.027	-0.115	-0.091	0.025	-0.089	-0.065	0.025	0.1000
0.1500	-0.158	-0.172	-0.014	-0.173	-0.165	0.008	-0.120	-0.112	0.009	-0.102	-0.082	0.019	-0.082	-0.058	0.024	0.1500
0.2000	-0.180	-0.172	0.008	-0.156	-0.157	-0.001	-0.111	-0.108	0.003	-0.088	-0.076	0.012	-0.085	-0.058	0.027	0.2000
0.3000	-0.173	-0.175	-0.002	-0.134	-0.133	0.001	-0.098	-0.092	0.006	-0.079	-0.064	0.015	-0.090	-0.049	0.041	0.3000
0.4000	-0.148	-0.141	0.007	-0.111	-0.101	0.010	-0.084	-0.069	0.015	-0.065	-0.048	0.018	-0.087	-0.039	0.047	0.4000
0.5000	-0.122	-0.114	0.008	-0.092	-0.078	0.013	-0.070	-0.052	0.017	-0.065	-0.028	0.037	-0.079	-0.035	0.044	0.5000
0.6000	-0.085	-0.080	0.004	-0.063	-0.053	0.010	-0.056			-0.073	-0.016	0.057	-0.061	-0.026	0.035	0.6000
0.6170								-0.037								0.6170
0.7000	-0.064	-0.051	0.012	-0.052	-0.018	0.034	-0.052	-0.013	0.039	-0.068	-0.009	0.059	-0.043			0.7000
0.7100														-0.022		0.7100
0.8000	-0.056	-0.012	0.044	-0.039	0.011	0.051	-0.045	0.018	0.062	-0.041	0.000	0.042	-0.025			0.8000
0.8100														-0.014		0.8100
0.9000	-0.044	0.014	0.058	-0.009	0.041	0.050	-0.023	0.042	0.066	-0.011	0.007	0.018	-0.008			0.9000
1.0000	-0.028	0.024	0.052	0.038	0.071	0.033	0.013	0.061	0.048	0.022	0.012	-0.011	0.008	0.014	0.021	1.0000
							M = 0.951		α = 03.77							
0.0000	-0.185	-0.161	0.024	-0.207	-0.306	-0.098	-0.239	-0.347	-0.108	-0.002	-0.038	-0.036	-0.100	-0.121		0.0000
0.0125	-0.173	-0.169	0.005	-0.222	-0.292	-0.070	-0.257	-0.324	-0.067	-0.035	-0.054	-0.019		-0.081		0.0125
0.0250	-0.169	-0.176	-0.007	-0.234	-0.282	-0.047	-0.270	-0.305	-0.034	-0.056	-0.060	-0.004	-0.075	-0.056	0.019	0.0250
0.0500	-0.184	-0.188	-0.005	-0.252	-0.267	-0.015	-0.287	-0.278	0.008	-0.068	-0.043	0.025	-0.065	-0.050	0.015	0.0500
0.0750	-0.205	-0.211	-0.006	-0.283	-0.273	0.009	-0.290	-0.260	0.030	-0.071	-0.037	0.035	-0.070	-0.048	0.022	0.0750
0.1000	-0.221	-0.220	0.000	-0.293	-0.282	0.011	-0.287	-0.247	0.040	-0.067	-0.031	0.035	-0.068	-0.049	0.019	0.1000
0.1500	-0.220	-0.243	-0.022	-0.294	-0.299	-0.004	-0.244	-0.226	0.019	-0.055	-0.036	0.019	-0.066	-0.045	0.021	0.1500
0.2000	-0.247	-0.249	-0.002	-0.292	-0.290	0.002	-0.194	-0.188	0.006	-0.044	-0.038	0.007	-0.067	-0.043	0.024	0.2000
0.3000	-0.271	-0.292	-0.020	-0.286	-0.274	0.012	-0.082	-0.068	0.014	-0.041	-0.036	0.006	-0.079	-0.035	0.044	0.3000
0.4000	-0.290	-0.267	0.023	-0.221	-0.204	0.017	-0.004	0.010	0.014	-0.044	-0.028	0.015	-0.083	-0.032	0.051	0.4000
0.5000	-0.265	-0.241	0.024	-0.091	-0.059	0.032	-0.019	-0.009	0.010	-0.044	-0.017	0.027	-0.077	-0.030	0.047	0.5000
0.6000	-0.139	-0.128	0.011	0.018	0.007	-0.011	-0.025			-0.054	-0.005	0.049	-0.063	-0.026	0.037	0.6000
0.6170								0.000								0.6170
0.7000	-0.040	-0.029	0.011	-0.016	0.011	0.027	-0.028	0.013	0.042	-0.065	0.001	0.066	-0.039			0.7000
0.7100														-0.017		0.7100
0.8000	-0.021	0.015	0.036	-0.020	0.032	0.052	-0.031	0.043	0.074	-0.055	0.012	0.066	-0.022			0.8000
0.8100														-0.013		0.8100
0.9000	-0.016	0.033	0.049	0.007	0.057	0.049	-0.018	0.054	0.072	-0.014	0.006	0.020	-0.003			0.9000
1.0000	-0.028	0.024	0.051	0.064	0.084	0.020	0.013	0.048	0.035	0.058	-0.017	-0.075	0.017	-0.016	-0.013	1.0000
							M = 1.000		α = 03.88							
0.0000	-0.173	-0.157	0.017	-0.199	-0.282	-0.084	-0.240	-0.371	-0.131	-0.239	-0.367	-0.127	-0.344	-0.438		0.0000
0.0125	-0.165	-0.158	0.006	-0.220	-0.279	-0.059	-0.251	-0.341	-0.090	-0.285	-0.347	-0.062		-0.381		0.0125
0.0250	-0.161	-0.161		-0.237	-0.275	-0.038	-0.262	-0.319	-0.057	-0.315	-0.333	-0.018	-0.339	-0.346	-0.007	0.0250
0.0500	-0.170	-0.172	-0.001	-0.253	-0.265	-0.011	-0.286	-0.298	-0.012	-0.326	-0.319	0.007	-0.335	-0.339	-0.003	0.0500
0.0750	-0.193	-0.195	-0.002	-0.278	-0.270	0.008	-0.302	-0.288	0.014	-0.336	-0.318	0.018	-0.334	-0.333	0.001	0.0750
0.1000	-0.210	-0.211	-0.001	-0.281	-0.274	0.007	-0.305	-0.278	0.027	-0.340	-0.331	0.009	-0.326	-0.328	-0.003	0.1000
0.1500	-0.211	-0.234	-0.023	-0.281	-0.294	-0.013	-0.305	-0.287	0.018	-0.334	-0.332	0.002	-0.310	-0.302	0.008	0.1500
0.2000	-0.244	-0.239	0.005	-0.281	-0.298	-0.017	-0.311	-0.302	0.009	-0.332	-0.334	-0.001	-0.285	-0.264	0.022	0.2000
0.3000	-0.265	-0.293	-0.027	-0.299	-0.293	0.006	-0.319	-0.318	0.001	-0.330	-0.324	0.006	-0.225	-0.156	0.069	0.3000
0.4000	-0.290	-0.269	0.021	-0.320	-0.311	0.009	-0.336	-0.324	0.012	-0.307	-0.287	0.019	-0.136	0.000	0.137	0.4000
0.5000	-0.307	-0.298	0.009	-0.337	-0.313	0.025	-0.319	-0.309	0.010	-0.254	-0.226	0.028	-0.034	0.074	0.108	0.5000
0.6000	-0.313	-0.308	0.005	-0.325	-0.313	0.012	-0.274			-0.189	-0.061	0.128	0.065	0.082	0.017	0.6000
0.6170								-0.255								0.6170
0.7000	-0.323	-0.304	0.019	-0.290	-0.261	0.028	-0.239	-0.173	0.066	-0.068	0.095	0.162	0.084			0.7000
0.7100														0.075		0.7100
0.8000	-0.276	-0.207	0.069	-0.229	-0.140	0.089	-0.067	0.088	0.155	0.056	0.092	0.037	0.100			0.8000
0.8100														0.081		0.8100
0.9000	-0.150	-0.098	0.051	-0.032	0.041	0.073	0.029	0.100	0.071	0.102	0.080	-0.022	0.095			0.9000
1.0000	0.054	0.021	-0.034	0.300	0.283	-0.018	0.051	-0.134	-0.185	0.072	0.059	-0.013	0.070	0.127	0.032	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued
(b) BVWC $\delta = -0.4°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.045 α = 03.88															
0.0000	-0.126	-0.104	0.021	-0.153	-0.254	-0.101	-0.186	-0.324	-0.138	-0.174	-0.320	-0.146	-0.294	-0.398		0.0000
0.0125	-0.119	-0.111	0.008	-0.177	-0.244	-0.067	-0.210	-0.301	-0.091	-0.230	-0.307	-0.077		-0.345		0.0125
0.0250	-0.117	-0.117		-0.196	-0.236	-0.041	-0.228	-0.283	-0.055	-0.266	-0.295	-0.028	-0.286	-0.312	-0.026	0.0250
0.0500	-0.128	-0.131	-0.003	-0.213	-0.225	-0.012	-0.244	-0.261	-0.016	-0.282	-0.278	0.004	-0.284	-0.304	-0.020	0.0500
0.0750	-0.148	-0.152	-0.005	-0.241	-0.227	0.014	-0.262	-0.256	0.006	-0.289	-0.271	0.018	-0.289	-0.302	-0.013	0.0750
0.1000	-0.166	-0.168	-0.002	-0.251	-0.238	0.013	-0.261	-0.250	0.011	-0.289	-0.281	0.008	-0.288	-0.301	-0.013	0.1000
0.1500	-0.169	-0.192	-0.023	-0.240	-0.256	-0.016	-0.260	-0.248	0.012	-0.281	-0.289	-0.007	-0.287	-0.304	-0.017	0.1500
0.2000	-0.204	-0.200	0.005	-0.242	-0.265	-0.023	-0.267	-0.257	0.010	-0.278	-0.290	-0.012	-0.285	-0.299	-0.014	0.2000
0.3000	-0.225	-0.257	-0.032	-0.254	-0.255	-0.001	-0.274	-0.274	0.000	-0.279	-0.281	-0.002	-0.287	-0.264	0.023	0.3000
0.4000	-0.250	-0.229	0.021	-0.276	-0.272	0.003	-0.285	-0.279	0.006	-0.278	-0.271	0.007	-0.267	-0.227	0.040	0.4000
0.5000	-0.262	-0.257	0.005	-0.288	-0.270	0.018	-0.280	-0.273	0.007	-0.266	-0.230	0.036	-0.229	-0.158	0.071	0.5000
0.6000	-0.264	-0.264	0.001	-0.281	-0.272	0.009	-0.253			-0.229	-0.212	0.017	-0.213	0.031	0.245	0.6000
0.6170								-0.229								0.6170
0.7000	-0.278	-0.262	0.016	-0.255	-0.226	0.029	-0.225	-0.209	0.016	-0.216	-0.085	0.130	-0.096			0.7000
0.7100														0.009		0.7100
0.8000	-0.243	-0.182	0.061	-0.207	-0.168	0.040	-0.206	0.005	0.211	-0.131	0.055	0.186	0.022			0.8000
0.8100														-0.019		0.8100
0.9000	-0.152	-0.088	0.064	-0.115	-0.013	0.103	-0.024	0.058	0.082	0.023	0.011	-0.012	0.008			0.9000
1.0000	-0.005	0.020	0.025	0.022	0.239	0.218	0.322	-0.050	-0.372	0.246	-0.217	-0.463	-0.136	-0.097	-0.105	1.0000
	M = 1.097 α = 03.88															
0.0000	-0.115	-0.086	0.029	-0.115	-0.200	-0.085	-0.127	-0.234	-0.107	-0.098	-0.234	-0.136	-0.237	-0.324		0.0000
0.0125	-0.104	-0.089	0.015	-0.135	-0.195	-0.060	-0.139	-0.217	-0.078	-0.157	-0.226	-0.069		-0.278		0.0125
0.0250	-0.098	-0.093	0.005	-0.151	-0.190	-0.039	-0.150	-0.202	-0.052	-0.195	-0.220	-0.025	-0.228	-0.249	-0.021	0.0250
0.0500	-0.102	-0.101	0.001	-0.169	-0.177	-0.007	-0.169	-0.180	-0.011	-0.210	-0.210	-0.001	-0.225	-0.242	-0.017	0.0500
0.0750	-0.120	-0.123	-0.003	-0.195	-0.182	0.013	-0.173	-0.176	-0.004	-0.221	-0.197	0.023	-0.230	-0.241	-0.012	0.0750
0.1000	-0.132	-0.131	0.001	-0.202	-0.184	0.019	-0.180	-0.169	0.011	-0.223	-0.206	0.017	-0.228	-0.246	-0.018	0.1000
0.1500	-0.127	-0.151	-0.024	-0.192	-0.200	-0.008	-0.176	-0.163	0.013	-0.216	-0.217	-0.001	-0.222	-0.245	-0.023	0.1500
0.2000	-0.161	-0.157	0.004	-0.182	-0.209	-0.027	-0.178	-0.169	0.009	-0.215	-0.224	-0.009	-0.220	-0.242	-0.023	0.2000
0.3000	-0.177	-0.207	-0.030	-0.178	-0.179	-0.001	-0.189	-0.191	-0.001	-0.220	-0.227	-0.007	-0.223	-0.234	-0.011	0.3000
0.4000	-0.192	-0.172	0.020	-0.189	-0.181	0.007	-0.209	-0.201	0.008	-0.223	-0.228	-0.005	-0.219	-0.198	0.021	0.4000
0.5000	-0.188	-0.182	0.006	-0.201	-0.178	0.023	-0.216	-0.212	0.004	-0.217	-0.211	0.006	-0.187	-0.160	0.027	0.5000
0.6000	-0.182	-0.178	0.004	-0.203	-0.194	0.009	-0.206			-0.192	-0.174	0.018	-0.171	-0.023	0.148	0.6000
0.6170								-0.189								0.6170
0.7000	-0.199	-0.182	0.017	-0.199	-0.182	0.018	-0.176	-0.161	0.014	-0.172	-0.158	0.013	-0.149			0.7000
0.7100														0.085		0.7100
0.8000	-0.183	-0.140	0.043	-0.166	-0.141	0.025	-0.158	-0.101	0.057	-0.149	0.108	0.258	0.058			0.8000
0.8100														0.045		0.8100
0.9000	-0.122	-0.055	0.067	-0.105	0.010	0.115	-0.041	0.125	0.167	0.086	0.091	0.005	0.032			0.9000
1.0000	-0.016	0.072	0.087	-0.017	0.271	0.288	0.174	0.517	0.343	0.536	-0.209	-0.745	-0.229	-0.395	-0.427	1.0000
	M = 1.303 α = -04.08															
0.0000	0.044	0.079	0.035	0.073	-0.034	-0.107	0.026	-0.123	-0.149	0.073	-0.114	-0.186	-0.065	-0.168		0.0000
0.0125	0.052	0.059	0.007	0.043	-0.029	-0.073	0.005	-0.090	-0.095	0.006	-0.093	-0.099		-0.118		0.0125
0.0250	0.059	0.051	-0.009	0.023	-0.024	-0.047	-0.014	-0.066	-0.053	-0.039	-0.078	-0.039	-0.070	-0.087	-0.016	0.0250
0.0500	0.069	0.069	0.000	0.013	-0.009	-0.022	-0.044	-0.043	0.001	-0.061	-0.061	0.001	-0.075	-0.081	-0.006	0.0500
0.0750	0.054	0.036	-0.018	0.013	-0.017	-0.004	-0.054	-0.039	0.015	-0.075	-0.059	0.016	-0.079	-0.083	-0.004	0.0750
0.1000	0.035	0.021	-0.014	0.030	-0.022	0.007	-0.055	-0.037	0.018	-0.079	-0.067	0.012	-0.077	-0.087	-0.010	0.1000
0.1500	0.044	0.007	-0.037	-0.034	-0.033	0.001	-0.046	-0.049	-0.003	-0.071	-0.073	-0.003	-0.073	-0.089	-0.016	0.1500
0.2000	0.004	0.009	0.005	-0.035	-0.049	-0.014	-0.045	-0.056	-0.011	-0.066	-0.075	-0.008	-0.075	-0.092	-0.016	0.2000
0.3000	-0.013	-0.041	-0.029	-0.041	-0.048	-0.007	-0.049	-0.054	-0.005	-0.069	-0.075	-0.006	-0.082	-0.092	-0.009	0.3000
0.4000	-0.042	-0.012	0.030	-0.048	-0.051	-0.003	-0.055	-0.060	-0.004	-0.077	-0.076	0.001	-0.093	-0.087	0.006	0.4000
0.5000	-0.037	-0.042	-0.005	-0.058	-0.050	0.008	-0.072	-0.062	0.010	-0.082	-0.077	0.005	-0.100	-0.081	0.020	0.5000
0.6000	-0.035	-0.041	-0.006	-0.065	-0.054	0.011	-0.078			-0.093	-0.078	0.015	-0.107	-0.076	0.031	0.6000
0.6170								-0.068								0.6170
0.7000	-0.066	-0.050	0.016	-0.080	-0.063	0.016	-0.085	-0.072	0.013	-0.105	-0.077	0.028	-0.123			0.7000
0.7100														-0.072		0.7100
0.8000	-0.093	-0.057	0.036	-0.093	-0.060	0.033	-0.102	-0.065	0.036	-0.131	-0.070	0.062	-0.130			0.8000
0.8100														-0.082		0.8100
0.9000	-0.109	-0.054	0.055	-0.127	-0.056	0.070	-0.148	-0.052	0.095	-0.142	-0.079	0.063	-0.133			0.9000
1.0000	-0.114	-0.040	0.074	-0.180	-0.051	0.129	-0.223	-0.033	0.190	-0.138	-0.105	0.033	-0.131	-0.136	-0.003	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.303		α = -00.05							
0.0000	-0.018	-0.006	0.012	-0.005	-0.099	-0.105	-0.031	-0.176	-0.145	-0.005	-0.170	-0.166	-0.106	-0.214		0.0000
0.0125	-0.015	-0.013	0.001	-0.025	-0.096	-0.071	-0.053	-0.152	-0.099	-0.059	-0.150	-0.091		-0.170		0.0125
0.0250	-0.012	-0.016	-0.004	-0.046	-0.091	-0.045	-0.072	-0.133	-0.061	-0.094	-0.135	-0.040	-0.127	-0.142	-0.016	0.0250
0.0500	-0.010	-0.010		-0.061	-0.076	-0.015	-0.099	-0.111	-0.012	-0.110	-0.120	-0.010	-0.135	-0.138	-0.003	0.0500
0.0750	-0.024	-0.037	-0.012	-0.083	-0.086	-0.003	-0.116	-0.103	0.012	-0.127	-0.114	0.013	-0.131	-0.142	-0.011	0.0750
0.1000	-0.040	-0.051	-0.011	-0.098	-0.089	0.009	-0.120	-0.105	0.015	-0.133	-0.122	0.010	-0.135	-0.150	-0.015	0.1000
0.1500	-0.032	-0.067	-0.035	-0.097	-0.100	-0.002	-0.110	-0.109	0.002	-0.126	-0.129	-0.004	-0.133	-0.147	-0.014	0.1500
0.2000	-0.068	-0.068	0.000	-0.097	-0.113	-0.016	-0.113	-0.119	-0.007	-0.120	-0.131	-0.011	-0.131	-0.146	-0.015	0.2000
0.3000	-0.079	-0.110	-0.030	-0.107	-0.114	-0.007	-0.115	-0.121	-0.007	-0.125	-0.132	-0.007	-0.132	-0.140	-0.009	0.3000
0.4000	-0.106	-0.082	0.024	-0.112	-0.118	-0.005	-0.119	-0.124	-0.005	-0.131	-0.130	0.001	-0.139	-0.136	0.003	0.4000
0.5000	-0.102	-0.110	-0.008	-0.121	-0.117	0.004	-0.129	-0.122	0.007	-0.137	-0.132	0.005	-0.150	-0.133	0.017	0.5000
0.6000	-0.100	-0.106	-0.006	-0.128	-0.120	0.008	-0.139			-0.148	-0.134	0.014	-0.158	-0.135	0.023	0.6000
0.6170								-0.124								0.6170
0.7000	-0.132	-0.115	0.017	-0.143	-0.129	0.014	-0.144	-0.130	0.014	-0.161	-0.133	0.029	-0.177			0.7000
0.7100														-0.137		0.7100
0.8000	-0.153	-0.122	0.031	-0.155	-0.123	0.032	-0.158	-0.121	0.037	-0.182	-0.127	0.055	-0.189			0.8000
0.8100														-0.146		0.8100
0.9000	-0.161	-0.108	0.053	-0.178	-0.111	0.066	-0.188	-0.112	0.076	-0.188	-0.131	0.057	-0.190			0.9000
1.0000	-0.158	-0.074	0.084	-0.211	-0.094	0.117	-0.234	-0.104	0.129	-0.178	-0.143	0.035	-0.180	-0.181	0.009	1.0000
							M = 1.302		α = 03.93							
0.0000	-0.075	-0.051	0.023	-0.032	-0.140	-0.108	-0.173	-0.194	-0.021	-0.084	-0.220	-0.136	-0.131	-0.230		0.0000
0.0125	-0.066	-0.059	0.007	-0.060	-0.137	-0.077	-0.125	-0.181	-0.056	-0.107	-0.188	-0.081		-0.193		0.0125
0.0250	-0.061	-0.063	-0.002	-0.080	-0.133	-0.052	-0.102	-0.169	-0.066	-0.125	-0.166	-0.040	-0.159	-0.170	-0.011	0.0250
0.0500	-0.057	-0.056	0.001	-0.098	-0.115	-0.018	-0.133	-0.144	-0.012	-0.148	-0.149	-0.002	-0.169	-0.165	0.005	0.0500
0.0750	-0.069	-0.083	-0.013	-0.121	-0.122	-0.001	-0.149	-0.139	0.010	-0.158	-0.141	0.017	-0.160	-0.169	-0.008	0.0750
0.1000	-0.084	-0.096	-0.013	-0.133	-0.129	0.005	-0.155	-0.138	0.017	-0.165	-0.154	0.011	-0.163	-0.177	-0.014	0.1000
0.1500	-0.078	-0.110	-0.032	-0.140	-0.140	0.001	-0.154	-0.142	0.012	-0.165	-0.165	-0.001	-0.161	-0.180	-0.019	0.1500
0.2000	-0.112	-0.112	-0.001	-0.139	-0.152	-0.013	-0.148	-0.156	-0.007	-0.159	-0.171	-0.012	-0.157	-0.178	-0.021	0.2000
0.3000	-0.123	-0.153	-0.029	-0.152	-0.163	-0.011	-0.150	-0.161	-0.011	-0.159	-0.169	-0.011	-0.157	-0.168	-0.011	0.3000
0.4000	-0.153	-0.129	0.025	-0.156	-0.158	-0.001	-0.155	-0.162	-0.008	-0.161	-0.166	-0.005	-0.167	-0.168		0.4000
0.5000	-0.147	-0.156	-0.009	-0.160	-0.163	-0.002	-0.161	-0.164	-0.003	-0.167	-0.167	0.000	-0.182	-0.169	0.014	0.5000
0.6000	-0.142	-0.152	-0.009	-0.167	-0.164	0.002	-0.172			-0.177	-0.168	0.009	-0.194	-0.172	0.022	0.6000
0.6170								-0.168								0.6170
0.7000	-0.171	-0.159	0.012	-0.182	-0.170	0.012	-0.178	-0.166	0.012	-0.188	-0.164	0.023	-0.208			0.7000
0.7100														-0.173		0.7100
0.8000	-0.192	-0.163	0.028	-0.194	-0.163	0.031	-0.190	-0.158	0.032	-0.202	-0.158	0.044	-0.216			0.8000
0.8100														-0.185		0.8100
0.9000	-0.194	-0.141	0.053	-0.209	-0.148	0.061	-0.214	-0.149	0.065	-0.216	-0.162	0.053	-0.223			0.9000
1.0000	-0.177	-0.091	0.085	-0.229	-0.127	0.102	-0.248	-0.138	0.111	-0.228	-0.177	0.051	-0.227	-0.237	-0.015	1.0000
							M = 1.299		α = 07.81							
0.0000	-0.149	-0.073	0.076	-0.059	-0.197	-0.138	-0.102	-0.254	-0.152	-0.078	-0.241	-0.162	-0.140	-0.255		0.0000
0.0125	-0.139	-0.120	0.020	-0.097	-0.198	-0.101	-0.123	-0.227	-0.104	-0.142	-0.214	-0.072		-0.220		0.0125
0.0250	-0.130	-0.142	-0.012	-0.125	-0.195	-0.069	-0.140	-0.206	-0.066	-0.184	-0.196	-0.012	-0.190	-0.197	-0.008	0.0250
0.0500	-0.112	-0.113	-0.001	-0.150	-0.173	-0.024	-0.164	-0.184	-0.021	-0.201	-0.183	0.018	-0.207	-0.191	0.016	0.0500
0.0750	-0.118	-0.143	-0.026	-0.183	-0.169	0.014	-0.186	-0.178	0.008	-0.215	-0.183	0.032	-0.193	-0.197	-0.005	0.0750
0.1000	-0.138	-0.163	-0.025	-0.195	-0.168	0.026	-0.197	-0.179	0.018	-0.219	-0.197	0.022	-0.194	-0.204	-0.010	0.1000
0.1500	-0.144	-0.153	-0.010	-0.196	-0.197		-0.201	-0.190	0.011	-0.211	-0.207	0.004	-0.191	-0.208	-0.016	0.1500
0.2000	-0.166	-0.172	-0.006	-0.194	-0.204	-0.010	-0.200	-0.191	0.009	-0.199	-0.212	-0.013	-0.195	-0.211	-0.016	0.2000
0.3000	-0.179	-0.203	-0.025	-0.201	-0.215	-0.015	-0.205	-0.212	-0.006	-0.194	-0.214	-0.019	-0.203	-0.218	-0.015	0.3000
0.4000	-0.203	-0.184	0.019	-0.219	-0.209	0.010	-0.206	-0.215	-0.009	-0.205	-0.212	-0.007	-0.219	-0.221	-0.002	0.4000
0.5000	-0.210	-0.216	-0.006	-0.219	-0.224	-0.005	-0.215	-0.216	-0.001	-0.211	-0.214	-0.003	-0.232	-0.221	0.012	0.5000
0.6000	-0.210	-0.218	-0.008	-0.224	-0.224	0.000	-0.222			-0.224	-0.224	0.000	-0.243	-0.224	0.019	0.6000
0.6170								-0.227								0.6170
0.7000	-0.225	-0.227	-0.002	-0.231	-0.232	-0.001	-0.227	-0.226	0.001	-0.236	-0.222	0.014	-0.256			0.7000
0.7100														-0.224		0.7100
0.8000	-0.246	-0.222	0.024	-0.244	-0.220	0.024	-0.236	-0.208	0.028	-0.252	-0.212	0.040	-0.261			0.8000
0.8100														-0.227		0.8100
0.9000	-0.244	-0.193	0.051	-0.251	-0.202	0.048	-0.251	-0.197	0.053	-0.258	-0.218	0.040	-0.258			0.9000
1.0000	-0.219	-0.141	0.078	-0.252	-0.179	0.072	-0.271	-0.194	0.077	-0.254	-0.239	0.014	-0.248	-0.239	0.020	1.0000

A 4 4 1 9

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.301 α = 11.79															
0.0000	-0.204	-0.124	0.080	-0.087	-0.193	-0.106	-0.134	-0.287	-0.153	-0.173	-0.285	-0.112	-0.182	-0.263		0.0000
0.0125	-0.207	-0.171	0.036	-0.114	-0.227	-0.113	-0.131	-0.263	-0.131	-0.170	-0.248	-0.078		-0.232		0.0125
0.0250	-0.204	-0.197	0.008	-0.138	-0.245	-0.107	-0.140	-0.244	-0.104	-0.175	-0.224	-0.049	-0.218	-0.212	0.006	0.0250
0.0500	-0.180	-0.182	-0.001	-0.179	-0.232	-0.053	-0.189	-0.223	-0.033	-0.208	-0.213	-0.005	-0.229	-0.208	0.021	0.0500
0.0750	-0.161	-0.187	-0.026	-0.241	-0.243	-0.002	-0.227	-0.217	0.010	-0.231	-0.202	0.029	-0.218	-0.210	0.008	0.0750
0.1000	-0.176	-0.214	-0.038	-0.264	-0.247	0.017	-0.240	-0.217	0.023	-0.242	-0.209	0.033	-0.222	-0.217	0.005	0.1000
0.1500	-0.229	-0.218	0.011	-0.260	-0.252	0.008	-0.243	-0.221	0.022	-0.232	-0.213	0.019	-0.220	-0.233	-0.013	0.1500
0.2000	-0.233	-0.240	-0.007	-0.259	-0.268	-0.010	-0.247	-0.234	0.013	-0.219	-0.218	0.001	-0.218	-0.237	-0.019	0.2000
0.3000	-0.243	-0.265	-0.021	-0.269	-0.282	-0.013	-0.258	-0.266	-0.008	-0.221	-0.235	-0.013	-0.223	-0.246	-0.023	0.3000
0.4000	-0.265	-0.253	0.013	-0.281	-0.289	-0.008	-0.251	-0.262	-0.011	-0.239	-0.251	-0.012	-0.244	-0.250	-0.007	0.4000
0.5000	-0.267	-0.279	-0.012	-0.298	-0.288	0.010	-0.269	-0.278	-0.009	-0.256	-0.265	-0.009	-0.260	-0.253	0.008	0.5000
0.6000	-0.264	-0.270	-0.006	-0.279	-0.283	-0.004	-0.283			-0.271	-0.271	0.001	-0.273	-0.258	0.015	0.6000
0.6170								-0.288								0.6170
0.7000	-0.287	-0.280	0.008	-0.308	-0.309		-0.291	-0.288	0.003	-0.284	-0.274	0.010	-0.283			0.7000
0.7100														-0.259		0.7100
0.8000	-0.286	-0.270	0.016	-0.308	-0.292	0.016	-0.292	-0.282	0.011	-0.302	-0.268	0.034	-0.296			0.8000
0.8100														-0.262		0.8100
0.9000	-0.312	-0.274	0.038	-0.278	-0.272	0.006	-0.301	-0.265	0.036	-0.306	-0.266	0.040	-0.298			0.9000
1.0000	-0.366	-0.291	0.075	-0.220	-0.249	-0.028	-0.317	-0.237	0.080	-0.297	-0.268	0.029	-0.288	-0.271	0.027	1.0000
	M = 1.299 α = 15.82															
0.0000	-0.261	-0.189	0.072	-0.160	-0.231	-0.071	-0.239	-0.387	-0.148	-0.178	-0.221	-0.043	-0.093	-0.264		0.0000
0.0125	-0.267	-0.233	0.035	-0.181	-0.278	-0.097	-0.168	-0.317	-0.149	-0.155	-0.232	-0.077		-0.226		0.0125
0.0250	-0.268	-0.258	0.010	-0.200	-0.303	-0.102	-0.141	-0.277	-0.136	-0.149	-0.237	-0.088	-0.193	-0.203	-0.010	0.0250
0.0500	-0.253	-0.255	-0.001	-0.232	-0.284	-0.052	-0.218	-0.283	-0.065	-0.190	-0.227	-0.037	-0.231	-0.199	0.032	0.0500
0.0750	-0.235	-0.253	-0.017	-0.283	-0.299	-0.016	-0.250	-0.276	-0.026	-0.226	-0.219	0.006	-0.207	-0.205	0.002	0.0750
0.1000	-0.246	-0.278	-0.032	-0.313	-0.307	0.006	-0.283	-0.280	0.002	-0.246	-0.227	0.019	-0.218	-0.214	0.004	0.1000
0.1500	-0.288	-0.275	0.013	-0.328	-0.314	0.014	-0.304	-0.298	0.006	-0.254	-0.237	0.017	-0.233	-0.234	-0.001	0.1500
0.2000	-0.287	-0.294	-0.007	-0.319	-0.323	-0.004	-0.318	-0.317	0.002	-0.258	-0.252	0.006	-0.238	-0.243	-0.005	0.2000
0.3000	-0.301	-0.313	-0.011	-0.331	-0.339	-0.008	-0.337	-0.336	0.001	-0.271	-0.275	-0.004	-0.250	-0.253	-0.003	0.3000
0.4000	-0.321	-0.303	0.019	-0.346	-0.352	-0.006	-0.345	-0.346	-0.002	-0.289	-0.292	-0.003	-0.275	-0.266	0.009	0.4000
0.5000	-0.323	-0.333	-0.009	-0.357	-0.353	0.004	-0.341	-0.352	-0.011	-0.324	-0.309	0.015	-0.293	-0.278	0.014	0.5000
0.6000	-0.327	-0.336	-0.009	-0.359	-0.361	-0.002	-0.367			-0.349	-0.334	0.016	-0.312	-0.291	0.021	0.6000
0.6170								-0.380								0.6170
0.7000	-0.343	-0.348	-0.005	-0.352	-0.356	-0.004	-0.382	-0.398	-0.016	-0.358	-0.347	0.012	-0.323			0.7000
0.7100														-0.299		0.7100
0.8000	-0.355	-0.347	0.009	-0.373	-0.364	0.009	-0.377	-0.381	-0.004	-0.368	-0.352	0.016	-0.307			0.8000
0.8100														-0.287		0.8100
0.9000	-0.353	-0.324	0.030	-0.364	-0.353	0.011	-0.351	-0.355	-0.005	-0.341	-0.330	0.011	-0.285			0.9000
1.0000	-0.337	-0.278	0.059	-0.324	-0.323	0.001	-0.302	-0.321	-0.019	-0.277	-0.281	-0.004	-0.259	-0.217	0.069	1.0000
	M = 1.497 α = 03.83															
0.0000	-0.055	-0.020	0.035	0.006	-0.092	-0.098	-0.014	-0.153	-0.139	0.007	-0.140	-0.147	-0.092	-0.155		0.0000
0.0125	-0.051	-0.042	0.009	-0.021	-0.106	-0.085	-0.036	-0.135	-0.099	-0.053	-0.129	-0.077		-0.125		0.0125
0.0250	-0.046	-0.052	-0.006	-0.042	-0.111	-0.069	-0.057	-0.121	-0.064	-0.093	-0.120	-0.028	-0.107	-0.107	0.000	0.0250
0.0500	-0.037	-0.036	0.001	-0.065	-0.095	-0.030	-0.093	-0.103	-0.010	-0.114	-0.108	0.006	-0.117	-0.105	0.012	0.0500
0.0750	-0.043	-0.061	-0.018	-0.101	-0.095	0.007	-0.113	-0.099	0.015	-0.129	-0.108	0.021	-0.123	-0.110	0.013	0.0750
0.1000	-0.055	-0.073	-0.018	-0.111	-0.096	0.014	-0.116	-0.099	0.017	-0.138	-0.117	0.021	-0.126	-0.120	0.006	0.1000
0.1500	-0.057	-0.077	-0.020	-0.106	-0.105	0.000	-0.117	-0.111	0.006	-0.138	-0.124	0.014	-0.125	-0.131	-0.006	0.1500
0.2000	-0.080	-0.082	-0.002	-0.109	-0.115	-0.006	-0.121	-0.119	0.002	-0.132	-0.130	0.002	-0.123	-0.137	-0.014	0.2000
0.3000	-0.098	-0.119	-0.020	-0.116	-0.129	-0.013	-0.129	-0.136	-0.007	-0.128	-0.135	-0.008	-0.128	-0.139	-0.010	0.3000
0.4000	-0.122	-0.105	0.017	-0.128	-0.129		-0.141	-0.138	0.003	-0.129	-0.136	-0.007	-0.141	-0.139	0.003	0.4000
0.5000	-0.125	-0.128	-0.002	-0.141	-0.132	0.009	-0.147	-0.137	0.010	-0.132	-0.140	-0.008	-0.152	-0.139	0.014	0.5000
0.6000	-0.124	-0.125	-0.001	-0.143	-0.139	0.005	-0.146			-0.142	-0.141	0.001	-0.162	-0.141	0.020	0.6000
0.6170								-0.142								0.6170
0.7000	-0.139	-0.135	0.003	-0.148	-0.148		-0.143	-0.144	-0.002	-0.150	-0.140	0.010	-0.168			0.7000
0.7100														-0.142		0.7100
0.8000	-0.149	-0.138	0.012	-0.157	-0.142	0.015	-0.149	-0.134	0.015	-0.166	-0.132	0.034	-0.170			0.8000
0.8100														-0.148		0.8100
0.9000	-0.159	-0.131	0.028	-0.177	-0.134	0.043	-0.170	-0.119	0.050	-0.168	-0.134	0.034	-0.167			0.9000
1.0000	-0.168	-0.115	0.053	-0.208	-0.122	0.085	-0.205	-0.101	0.105	-0.156	-0.147	0.009	-0.160	-0.173	-0.006	1.0000

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TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.695		α = 03.78							
0.0000	-0.051	-0.039	0.013	-0.026	-0.072	-0.047	0.008	-0.102	-0.110	0.050	-0.071	-0.122	-0.035	-0.106		0.0000
0.0125	-0.055	-0.050	0.005	-0.018	-0.071	-0.053	-0.011	-0.099	-0.088	-0.006	-0.085	-0.079		-0.082		0.0125
0.0250	-0.055	-0.055		-0.015	-0.071	-0.056	-0.029	-0.095	-0.066	-0.044	-0.090	-0.047	-0.060	-0.067	-0.007	0.0250
0.0500	-0.047	-0.046	0.001	-0.022	-0.075	-0.053	-0.064	-0.085	-0.021	-0.067	-0.079	-0.012	-0.077	-0.067	0.009	0.0500
0.0750	-0.046	-0.057	-0.011	-0.068	-0.081	-0.014	-0.089	-0.087	0.001	-0.087	-0.077	0.010	-0.085	-0.072	0.013	0.0750
0.1000	-0.050	-0.067	-0.016	-0.097	-0.085	0.011	-0.099	-0.082	0.017	-0.102	-0.083	0.018	-0.093	-0.083	0.010	0.1000
0.1500	-0.067	-0.072	-0.006	-0.103	-0.093	0.010	-0.102	-0.089	0.014	-0.108	-0.091	0.016	-0.102	-0.096	0.005	0.1500
0.2000	-0.082	-0.083	-0.002	-0.101	-0.100	0.001	-0.104	-0.096	0.008	-0.106	-0.099	0.007	-0.108	-0.104	0.003	0.2000
0.3000	-0.089	-0.099	-0.010	-0.106	-0.111	-0.005	-0.109	-0.117	-0.007	-0.105	-0.107	-0.001	-0.114	-0.114	0.000	0.3000
0.4000	-0.100	-0.096	0.005	-0.116	-0.121	-0.005	-0.117	-0.119	-0.002	-0.111	-0.113	-0.002	-0.121	-0.118	0.003	0.4000
0.5000	-0.108	-0.116	-0.007	-0.127	-0.124	0.003	-0.120	-0.122	-0.002	-0.118	-0.118		-0.127	-0.120	0.007	0.5000
0.6000	-0.110	-0.119	-0.009	-0.125	-0.123	0.001	-0.126			-0.126	-0.122	0.004	-0.136	-0.119	0.018	0.6000
0.6170								-0.120								0.6170
0.7000	-0.123	-0.122	0.001	-0.130	-0.128	0.003	-0.128	-0.122	0.006	-0.137	-0.123	0.014	-0.143			0.7000
0.7100														-0.117		0.7100
0.8000	-0.128	-0.127	0.000	-0.135	-0.126	0.009	-0.133	-0.116	0.017	-0.147	-0.120	0.028	-0.147			0.8000
0.8100														-0.125		0.8100
0.9000	-0.142	-0.126	0.016	-0.147	-0.119	0.028	-0.152	-0.108	0.043	-0.147	-0.125	0.022	-0.146			0.9000
1.0000	-0.166	-0.116	0.049	-0.167	-0.106	0.061	-0.183	-0.100	0.083	-0.136	-0.138	-0.002	-0.141	-0.161	-0.015	1.0000
							M = 1.903		α = 03.98							
0.0000	-0.037	-0.027	0.010	0.051	-0.033	-0.084	0.055	-0.030	-0.085	0.088	-0.007	-0.095	0.023	-0.072		0.0000
0.0125	-0.039	-0.028	0.011	0.032	-0.031	-0.063	0.037	-0.039	-0.076	0.036	-0.030	-0.067		-0.041		0.0125
0.0250	-0.039	-0.029	0.011	0.019	-0.031	-0.051	0.019	-0.045	-0.064	0.000	-0.044	-0.045	-0.012	-0.024	-0.013	0.0250
0.0500	-0.034	-0.026	0.008	0.012	-0.040	-0.052	-0.017	-0.043	-0.026	-0.023	-0.042	-0.020	-0.033	-0.031	0.002	0.0500
0.0750	-0.027	-0.032	-0.005	-0.039	-0.044	-0.005	-0.042	-0.049	-0.007	-0.042	-0.041	0.001	-0.041	-0.036	0.005	0.0750
0.1000	-0.035	-0.044	-0.009	-0.052	-0.050	0.002	-0.053	-0.048	0.005	-0.059	-0.050	0.009	-0.050	-0.046	0.004	0.1000
0.1500	-0.051	-0.049	0.002	-0.066	-0.055	0.011	-0.067	-0.060	0.007	-0.069	-0.060	0.009	-0.062	-0.059	0.003	0.1500
0.2000	-0.056	-0.056	0.000	-0.071	-0.068	0.004	-0.077	-0.069	0.008	-0.075	-0.071	0.005	-0.070	-0.066	0.003	0.2000
0.3000	-0.065	-0.067	-0.002	-0.074	-0.080	-0.006	-0.085	-0.086	-0.001	-0.084	-0.083	0.001	-0.080	-0.079	0.001	0.3000
0.4000	-0.078	-0.068	0.010	-0.081	-0.086	-0.005	-0.093	-0.096	-0.002	-0.092	-0.087	0.005	-0.093	-0.085	0.008	0.4000
0.5000	-0.078	-0.085	-0.007	-0.088	-0.088		-0.099	-0.100	-0.001	-0.097	-0.093	0.004	-0.101	-0.091	0.011	0.5000
0.6000	-0.084	-0.088	-0.004	-0.095	-0.091	0.004	-0.102			-0.104	-0.096	0.008	-0.113	-0.094	0.019	0.6000
0.6170								-0.103								0.6170
0.7000	-0.093	-0.092	0.001	-0.098	-0.096	0.002	-0.105	-0.102	0.003	-0.112	-0.099	0.014	-0.121			0.7000
0.7100														-0.096		0.7100
0.8000	-0.100	-0.093	0.008	-0.102	-0.100	0.002	-0.112	-0.095	0.017	-0.122	-0.097	0.025	-0.124			0.8000
0.8100														-0.103		0.8100
0.9000	-0.106	-0.090	0.017	-0.110	-0.094	0.016	-0.126	-0.090	0.036	-0.125	-0.103	0.022	-0.123			0.9000
1.0000	-0.111	-0.084	0.027	-0.123	-0.081	0.042	-0.148	-0.088	0.061	-0.120	-0.114	0.006	-0.118	-0.130	-0.007	1.0000
							M = 2.227		α = -03.88							
0.0000	0.037	0.086	0.049	0.138	0.127	-0.011	0.098	0.046	-0.052	0.152	0.089	-0.062	0.216	0.083		0.0000
0.0125	0.031	0.061	0.030	0.116	0.086	-0.031	0.083	0.032	-0.051	0.100	0.053	-0.046		0.094		0.0125
0.0250	0.027	0.045	0.017	0.101	0.058	-0.044	0.069	0.022	-0.047	0.064	0.031	-0.033	0.102	0.091	-0.011	0.0250
0.0500	0.025	0.037	0.012	0.094	0.043	-0.051	0.038	0.015	-0.023	0.042	0.027	-0.016	0.042	0.044	0.002	0.0500
0.0750	0.033	0.040	0.008	0.033	0.027	-0.005	0.013	0.007	-0.007	0.022	0.021	-0.001	0.036	0.036	0.001	0.0750
0.1000	0.033	0.026	-0.008	0.014	0.019	0.005	-0.001	0.004	0.005	0.006	0.012	0.006	0.026	0.026	-0.001	0.1000
0.1500	0.012	0.019	0.008	0.001	0.011	0.009	-0.014	-0.009	0.004	-0.008	0.001	0.009	0.011	0.009	-0.003	0.1500
0.2000	0.016	0.012	-0.004	-0.004	-0.003	0.000	-0.025	-0.019	0.006	-0.017	-0.012	0.006	0.002	0.004	0.002	0.2000
0.3000	0.005	0.002	-0.003	-0.012	-0.014	-0.002	-0.034	-0.033	0.001	-0.027	-0.023	0.004	-0.012	-0.011	0.001	0.3000
0.4000	-0.006		0.006	-0.017	-0.022	-0.005	-0.046	-0.041	0.005	-0.037	-0.029	0.008	-0.027	-0.022	0.004	0.4000
0.5000	-0.007	-0.016	-0.008	-0.023	-0.025	-0.003	-0.052	-0.049	0.003	-0.041	-0.038	0.003	-0.037	-0.025	0.012	0.5000
0.6000	-0.012	-0.015	-0.003	-0.025	-0.026		-0.052			-0.052	-0.043	0.009	-0.049	-0.032	0.018	0.6000
0.6170								-0.053								0.6170
0.7000	-0.020	-0.021	-0.001	-0.028	-0.030	-0.002	-0.055	-0.054	0.001	-0.058	-0.047	0.011	-0.056			0.7000
0.7100														-0.034		0.7100
0.8000	-0.031	-0.024	0.007	-0.031	-0.026	0.005	-0.056	-0.049	0.007	-0.067	-0.045	0.022	-0.062			0.8000
0.8100														-0.041		0.8100
0.9000	-0.039	-0.024	0.015	-0.044	-0.017	0.027	-0.071	-0.041	0.029	-0.069	-0.047	0.023	-0.088			0.9000
1.0000	-0.044	-0.019	0.025	-0.068	-0.002	0.067	-0.097	-0.030	0.067	-0.064	-0.052	0.012	-0.043	-0.063	-0.005	1.0000

NACA

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 2.230 α = 00.35															
0.0000	-0.001	0.023	0.023	0.010	0.062	0.051	0.104	0.048	-0.056	0.148	0.092	-0.056	0.101	0.007		0.0000
0.0125	-0.001	0.015	0.016	0.047	0.041	-0.006	0.085	0.032	-0.053	0.097	0.053	-0.044		0.039		0.0125
0.0250	-0.002	0.010	0.011	0.068	0.026	-0.041	0.067	0.020	-0.047	0.062	0.028	-0.033	0.063	0.055	-0.008	0.0250
0.0500	-0.001	0.008	0.009	0.063	0.016	-0.047	0.035	0.012	-0.022	0.040	0.024	-0.015	0.040	0.042	0.002	0.0500
0.0750	0.001	0.010	0.009	0.005	0.002	-0.002	0.011	0.002	-0.009	0.019	0.021	0.001	0.031	0.035	0.003	0.0750
0.1000	0.004	-0.003	-0.007	-0.012	-0.008	0.004	-0.002		0.002	0.004	0.009	0.005	0.024	0.022	-0.001	0.1000
0.1500	-0.014	-0.008	0.006	-0.024	-0.014	0.009	-0.018	-0.011	0.006	-0.010		0.010	0.009	0.008	-0.001	0.1500
0.2000	-0.017	-0.014	0.003	-0.031	-0.025	0.006	-0.027	-0.022	0.005	-0.020	-0.013	0.008	-0.001		0.001	0.2000
0.3000	-0.023	-0.022	0.001	-0.037	-0.036	0.001	-0.037	-0.036	0.001	-0.029	-0.026	0.003	-0.015	-0.016	-0.001	0.3000
0.4000	-0.033	-0.025	0.008	-0.042	-0.046	-0.004	-0.047	-0.048	-0.001	-0.040	-0.030	0.009	-0.030	-0.024	0.006	0.4000
0.5000	-0.036	-0.038	-0.002	-0.049	-0.048	0.001	-0.052	-0.052		-0.045	-0.041	0.004	-0.040	-0.029	0.012	0.5000
0.6000	-0.039	-0.043	-0.004	-0.052	-0.049	0.003	-0.055			-0.054	-0.047	0.007	-0.052	-0.033	0.019	0.6000
0.6170								-0.056								0.6170
0.7000	-0.046	-0.046	-0.001	-0.055	-0.052	0.002	-0.056	-0.058	-0.002	-0.062	-0.051	0.011	-0.057			0.7000
0.7100														-0.035		0.7100
0.8000	-0.054	-0.048	0.006	-0.055	-0.051	0.004	-0.058	-0.053	0.004	-0.069	-0.048	0.021	-0.064			0.8000
0.8100														-0.041		0.8100
0.9000	-0.060	-0.048	0.012	-0.064	-0.044	0.020	-0.070	-0.044	0.026	-0.071	-0.050	0.021	-0.061			0.9000
1.0000	-0.064	-0.046	0.018	-0.082	-0.030	0.052	-0.092	-0.029	0.063	-0.067	-0.057	0.011	-0.047	-0.067	-0.006	1.0000
	M = 2.230 α = 04.28															
0.0000	-0.009	0.006	0.015	0.019	-0.001	-0.021	0.064	0.010	-0.054	0.099	0.050	-0.049	0.053	-0.001		0.0000
0.0125	-0.026	-0.018	0.008	0.029	0.002	-0.027	0.046	-0.002	-0.048	0.055	0.016	-0.038		0.009		0.0125
0.0250	-0.036	-0.032	0.004	0.034	0.000	-0.034	0.029	-0.011	-0.040	0.024	-0.005	-0.029	0.021	0.014	-0.007	0.0250
0.0500	-0.037	-0.032	0.005	0.034	-0.014	-0.048	-0.001	-0.020	-0.019	0.004	-0.010	-0.014	0.001	0.004	0.003	0.0500
0.0750	-0.031	-0.031		-0.022	-0.034	-0.012	-0.023	-0.027	-0.004	-0.014	-0.014	0.001	-0.007	-0.003	0.004	0.0750
0.1000	-0.035	-0.042	-0.008	-0.042	-0.043	-0.001	-0.035	-0.029	0.006	-0.028	-0.024	0.004	-0.014	-0.013	0.001	0.1000
0.1500	-0.046	-0.046		-0.057	-0.053	0.004	-0.048	-0.044	0.004	-0.042	-0.034	0.008	-0.027	-0.026	0.001	0.1500
0.2000	-0.048	-0.049	-0.001	-0.064	-0.062	0.001	-0.057	-0.053	0.004	-0.051	-0.045	0.006	-0.035	-0.035	0.001	0.2000
0.3000	-0.057	-0.059	-0.001	-0.069	-0.069	0.000	-0.066	-0.068	-0.002	-0.059	-0.057	0.002	-0.049	-0.046	0.003	0.3000
0.4000	-0.066	-0.062	0.004	-0.075	-0.077	-0.002	-0.076	-0.077	-0.001	-0.068	-0.062	0.006	-0.061	-0.054	0.007	0.4000
0.5000	-0.071	-0.072	-0.001	-0.079	-0.082	-0.002	-0.083	-0.080	0.003	-0.073	-0.072	0.001	-0.069	-0.060	0.009	0.5000
0.6000	-0.076	-0.075	0.002	-0.085	-0.084	0.000	-0.085			-0.082	-0.076	0.006	-0.080	-0.064	0.016	0.6000
0.6170								-0.085								0.6170
0.7000	-0.076	-0.080	-0.004	-0.087	-0.085	0.002	-0.087	-0.088	-0.001	-0.089	-0.080	0.009	-0.087			0.7000
0.7100														-0.066		0.7100
0.8000	-0.088	-0.083	0.005	-0.086	-0.085	0.001	-0.089	-0.085	0.004	-0.097	-0.079	0.018	-0.091			0.8000
0.8100														-0.072		0.8100
0.9000	-0.095	-0.083	0.012	-0.095	-0.078	0.018	-0.102	-0.077	0.026	-0.100	-0.082	0.018	-0.089			0.9000
1.0000	-0.097	-0.080	0.017	-0.114	-0.064	0.051	-0.126	-0.061	0.064	-0.098	-0.088	0.009	-0.080	-0.096	-0.007	1.0000
	M = 2.234 α = 08.26															
0.0000	-0.065	-0.033	0.031	0.003	0.031	0.028	0.039	0.004	-0.034	0.067	0.029	-0.038	0.020	-0.011		0.0000
0.0125	-0.069	-0.051	0.018	0.005	-0.005	-0.010	0.026	-0.014	-0.040	0.029	-0.002	-0.031		-0.007		0.0125
0.0250	-0.072	-0.063	0.008	0.008	-0.029	-0.036	0.012	-0.028	-0.039	0.003	-0.022	-0.025	-0.007	-0.007		0.0250
0.0500	-0.077	-0.072	0.004	0.016	-0.042	-0.058	-0.018	-0.039	-0.020	-0.016	-0.028	-0.012	-0.023	-0.017	0.007	0.0500
0.0750	-0.072	-0.070	0.002	-0.044	-0.057	-0.013	-0.037	-0.048	-0.011	-0.033	-0.032	0.001	-0.030	-0.025	0.006	0.0750
0.1000	-0.069	-0.073	-0.004	-0.061	-0.068	-0.007	-0.051	-0.049	0.002	-0.048	-0.042	0.006	-0.036	-0.033	0.003	0.1000
0.1500	-0.080	-0.080	0.001	-0.086	-0.080	0.006	-0.063	-0.060	0.004	-0.060	-0.053	0.008	-0.048	-0.047	0.001	0.1500
0.2000	-0.082	-0.084	-0.002	-0.095	-0.092	0.003	-0.073	-0.067	0.006	-0.069	-0.063	0.006	-0.056	-0.053	0.002	0.2000
0.3000	-0.088	-0.087	0.001	-0.098	-0.101	-0.003	-0.086	-0.086	0.000	-0.076	-0.075	0.001	-0.067	-0.066	0.002	0.3000
0.4000	-0.102	-0.095	0.007	-0.102	-0.106	-0.004	-0.096	-0.096	0.001	-0.082	-0.077	0.005	-0.078	-0.071	0.006	0.4000
0.5000	-0.101	-0.102	-0.001	-0.110	-0.111	-0.001	-0.102	-0.101	0.001	-0.091	-0.088	0.003	-0.086	-0.076	0.010	0.5000
0.6000	-0.103	-0.107	-0.004	-0.113	-0.113	-0.001	-0.107			-0.098	-0.093	0.005	-0.095	-0.081	0.014	0.6000
0.6170								-0.106								0.6170
0.7000	-0.106	-0.110	-0.005	-0.116	-0.116	0.000	-0.109	-0.109	-0.001	-0.107	-0.097	0.010	-0.102			0.7000
0.7100														-0.083		0.7100
0.8000	-0.112	-0.113	-0.001	-0.116	-0.114	0.003	-0.113	-0.106	0.007	-0.113	-0.098	0.015	-0.106			0.8000
0.8100														-0.088		0.8100
0.9000	-0.118	-0.112	0.006	-0.121	-0.106	0.015	-0.122	-0.102	0.020	-0.116	-0.101	0.016	-0.108			0.9000
1.0000	-0.124	-0.109	0.015	-0.129	-0.092	0.036	-0.135	-0.096	0.039	-0.116	-0.104	0.012	-0.100	-0.105	0.001	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4°$ - Concluded

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 2.234 α = 12.24															
0.0000	-0.080	-0.089	-0.009	-0.034	-0.018	0.016	0.024	-0.011	-0.035	0.064	0.037	-0.027	0.007	-0.053		0.0000
0.0125	-0.089	-0.088	0.001	-0.026	-0.030	-0.004	0.006	-0.032	-0.038	0.019	-0.006	-0.025		-0.031		0.0125
0.0250	-0.096	-0.090	0.006	-0.020	-0.042	-0.022	-0.011	-0.048	-0.036	-0.012	-0.034	-0.022	-0.020	-0.021	-0.001	0.0250
0.0500	-0.101	-0.100	0.001	-0.012	-0.064	-0.052	-0.042	-0.060	-0.018	-0.032	-0.045	-0.012	-0.037	-0.033	0.004	0.0500
0.0750	-0.103	-0.094	0.008	-0.066	-0.085	-0.019	-0.063	-0.072	-0.009	-0.049	-0.049		-0.045	-0.040	0.005	0.0750
0.1000	-0.101	-0.101	0.001	-0.089	-0.091	-0.002	-0.074	-0.075	-0.001	-0.064	-0.060	0.004	-0.051	-0.049	0.002	0.1000
0.1500	-0.106	-0.109	-0.003	-0.105	-0.104	0.001	-0.086	-0.088	-0.002	-0.077	-0.070	0.007	-0.063	-0.062	0.001	0.1500
0.2000	-0.114	-0.114	-0.001	-0.119	-0.117	0.001	-0.095	-0.094	0.001	-0.085	-0.080	0.005	-0.069	-0.069	0.000	0.2000
0.3000	-0.120	-0.118	0.002	-0.124	-0.127	-0.003	-0.107	-0.108	-0.001	-0.090	-0.089	0.000	-0.080	-0.081	-0.002	0.3000
0.4000	-0.126	-0.123	0.003	-0.130	-0.133	-0.003	-0.119	-0.116	0.003	-0.097	-0.092	0.006	-0.092	-0.088	0.004	0.4000
0.5000	-0.126	-0.128	-0.002	-0.135	-0.136	-0.001	-0.125	-0.124	0.001	-0.103	-0.102	0.001	-0.099	-0.091	0.008	0.5000
0.6000	-0.130	-0.130		-0.141	-0.138	0.002	-0.131			-0.112	-0.107	0.005	-0.108	-0.094	0.014	0.6000
0.6170								-0.129								0.6170
0.7000	-0.129	-0.130	-0.002	-0.144	-0.141	0.003	-0.133	-0.132	0.001	-0.117	-0.112	0.006	-0.114			0.7000
0.7100														-0.096		0.7100
0.8000	-0.130	-0.131	-0.001	-0.143	-0.140	0.003	-0.136	-0.133	0.003	-0.127	-0.111	0.016	-0.117			0.8000
0.8100														-0.101		0.8100
0.9000	-0.138	-0.130	0.008	-0.147	-0.132	0.015	-0.145	-0.128	0.017	-0.127	-0.115	0.012	-0.117			0.9000
1.0000	-0.153	-0.127	0.027	-0.157	-0.117	0.040	-0.159	-0.116	0.043	-0.118	-0.123	-0.005	-0.113	-0.115	0.002	1.0000
	M = 2.230 α = 16.17															
0.0000	-0.081	-0.090	-0.009	-0.050	-0.029	0.021	0.002	-0.039	-0.041	0.067	0.040	-0.028	-0.002	-0.034		0.0000
0.0125	-0.096	-0.095	0.001	-0.051	-0.054	-0.004	-0.019	-0.056	-0.037	0.012	-0.013	-0.025		-0.030		0.0125
0.0250	-0.107	-0.101	0.006	-0.050	-0.072	-0.022	-0.037	-0.069	-0.032	-0.026	-0.048	-0.022	-0.027	-0.031	-0.003	0.0250
0.0500	-0.115	-0.115	0.001	-0.043	-0.083	-0.040	-0.067	-0.086	-0.018	-0.045	-0.061	-0.016	-0.045	-0.042	0.002	0.0500
0.0750	-0.123	-0.121	0.002	-0.092	-0.100	-0.009	-0.086	-0.096	-0.010	-0.066	-0.069	-0.003	-0.053	-0.051	0.002	0.0750
0.1000	-0.123	-0.123	-0.001	-0.110	-0.111	-0.001	-0.097	-0.099	-0.002	-0.080	-0.081	-0.001	-0.062	-0.059	0.003	0.1000
0.1500	-0.128	-0.129	-0.002	-0.128	-0.118	0.009	-0.109	-0.110	-0.001	-0.095	-0.091	0.004	-0.073	-0.073	0.000	0.1500
0.2000	-0.134	-0.134	0.001	-0.138	-0.133	0.005	-0.120	-0.115	0.005	-0.101	-0.099	0.002	-0.082	-0.081	0.001	0.2000
0.3000	-0.139	-0.137	0.002	-0.145	-0.143	0.001	-0.128	-0.130	-0.002	-0.110	-0.110	0.000	-0.093	-0.093		0.3000
0.4000	-0.143	-0.141	0.002	-0.150	-0.152	-0.002	-0.139	-0.138	0.000	-0.118	-0.111	0.006	-0.105	-0.100	0.006	0.4000
0.5000	-0.146	-0.146	0.000	-0.155	-0.156		-0.146	-0.147	-0.001	-0.124	-0.123	0.001	-0.113	-0.104	0.008	0.5000
0.6000	-0.147	-0.149	-0.001	-0.158	-0.158	0.000	-0.152			-0.133	-0.129	0.005	-0.122	-0.106	0.016	0.6000
0.6170								-0.153								0.6170
0.7000	-0.149	-0.151	-0.002	-0.162	-0.161	0.000	-0.155	-0.155		-0.141	-0.133	0.008	-0.127			0.7000
0.7100														-0.108		0.7100
0.8000	-0.153	-0.153	0.000	-0.164	-0.161	0.003	-0.159	-0.155	0.004	-0.148	-0.133	0.014	-0.130			0.8000
0.8100														-0.113		0.8100
0.9000	-0.160	-0.152	0.008	-0.165	-0.154	0.011	-0.167	-0.154	0.013	-0.151	-0.136	0.015	-0.130			0.9000
1.0000	-0.168	-0.148	0.021	-0.167	-0.141	0.026	-0.179	-0.154	0.026	-0.151	-0.141	0.009	-0.126	-0.132	-0.002	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 0.702 α =-04.23															
0.0000	-0.025	-0.011	0.014	-0.009	-0.073	-0.064	-0.077	-0.136	-0.059	-0.067	-0.116	-0.049	-0.122	-0.092		0.0000
0.0125	-0.021	-0.016	0.006	-0.042	-0.085	-0.042	-0.089	-0.113	-0.023	-0.099	-0.094	0.005		-0.075		0.0125
0.0250	-0.022	-0.021	0.001	-0.066	-0.090	-0.024	-0.099	-0.096	0.003	-0.120	-0.079	0.041	-0.120	-0.064	0.055	0.0250
0.0500	-0.037	-0.032	0.005	-0.082	-0.080	0.001	-0.110	-0.082	0.028	-0.127	-0.071	0.057	-0.116	-0.062	0.054	0.0500
0.0750	-0.051	-0.038	0.012	-0.099	-0.080	0.019	-0.114	-0.081	0.033	-0.127	-0.069	0.059	-0.112	-0.057	0.055	0.0750
0.1000	-0.058	-0.046	0.011	-0.106	-0.082	0.024	-0.109	-0.073	0.037	-0.121	-0.078	0.043	-0.106	-0.061	0.044	0.1000
0.1500	-0.059	-0.056	0.003	-0.098	-0.084	0.014	-0.095	-0.077	0.018	-0.104	-0.077	0.026	-0.099	-0.059	0.040	0.1500
0.2000	-0.071	-0.060	0.012	-0.088	-0.085	0.004	-0.092	-0.074	0.018	-0.091	-0.069	0.022	-0.097	-0.056	0.041	0.2000
0.3000	-0.078	-0.070	0.008	-0.086	-0.076	0.010	-0.085	-0.070	0.015	-0.083	-0.056	0.027	-0.096	-0.047	0.049	0.3000
0.4000	-0.075	-0.066	0.010	-0.082	-0.067	0.015	-0.076	-0.054	0.022	-0.076	-0.047	0.030	-0.092	-0.039	0.052	0.4000
0.5000	-0.072	-0.059	0.013	-0.076	-0.053	0.022	-0.064	-0.040	0.024	-0.073	-0.036	0.037	-0.085	-0.034	0.051	0.5000
0.6000	-0.068	-0.050	0.018	-0.062	-0.043	0.019	-0.057			-0.077	-0.026	0.051	-0.074	-0.022	0.052	0.6000
0.6170								-0.024								0.6170
0.7000	-0.057	-0.037	0.020	-0.050	-0.017	0.033	-0.049	-0.006	0.042	-0.074	-0.013	0.061	-0.063			0.7000
0.7100														-0.016		0.7100
0.8000	-0.053	-0.012	0.041	-0.038	0.007	0.044	-0.047	0.027	0.074	-0.048	0.003	0.051	-0.026			0.8000
0.8100														-0.013		0.8100
0.9000	-0.049	0.007	0.056	-0.014	0.030	0.044	-0.032	0.037	0.069	-0.010	-0.001	0.009	-0.016			0.9000
1.0000	-0.047	0.018	0.065	0.021	0.053	0.032	-0.004	0.023	0.027	0.042	-0.023	-0.065	-0.032	-0.013	0.003	1.0000
	M = 0.697 α =-00.20															
0.0000	-0.065	-0.045	0.020	-0.072	-0.117	-0.045	-0.106	-0.146	-0.040	-0.077	-0.137	-0.061	-0.130	-0.130		0.0000
0.0125	-0.066	-0.058	0.007	-0.091	-0.128	-0.036	-0.113	-0.140	-0.026	-0.110	-0.115	-0.005		-0.104		0.0125
0.0250	-0.069	-0.068	0.001	-0.106	-0.133	-0.027	-0.120	-0.132	-0.012	-0.131	-0.100	0.031	-0.125	-0.086	0.038	0.0250
0.0500	-0.084	-0.079	0.006	-0.118	-0.123	-0.005	-0.129	-0.110	0.020	-0.135	-0.090	0.045	-0.121	-0.078	0.043	0.0500
0.0750	-0.095	-0.088	0.007	-0.139	-0.119	0.020	-0.136	-0.109	0.028	-0.138	-0.088	0.050	-0.120	-0.074	0.047	0.0750
0.1000	-0.102	-0.095	0.007	-0.143	-0.122	0.021	-0.130	-0.101	0.029	-0.131	-0.095	0.035	-0.114	-0.078	0.036	0.1000
0.1500	-0.104	-0.102	0.001	-0.127	-0.124	0.003	-0.117	-0.101	0.017	-0.117	-0.091	0.026	-0.109	-0.074	0.034	0.1500
0.2000	-0.117	-0.106	0.011	-0.121	-0.119	0.002	-0.113	-0.101	0.012	-0.109	-0.086	0.023	-0.107	-0.071	0.036	0.2000
0.3000	-0.118	-0.111	0.007	-0.114	-0.110	0.003	-0.101	-0.090	0.011	-0.097	-0.072	0.025	-0.106	-0.062	0.044	0.3000
0.4000	-0.109	-0.104	0.004	-0.110	-0.092	0.019	-0.095	-0.077	0.018	-0.088	-0.060	0.028	-0.103	-0.055	0.048	0.4000
0.5000	-0.103	-0.095	0.008	-0.096	-0.082	0.014	-0.083	-0.062	0.020	-0.086	-0.048	0.037	-0.095	-0.050	0.045	0.5000
0.6000	-0.086	-0.079	0.007	-0.079	-0.061	0.018	-0.068			-0.090	-0.038	0.051	-0.085	-0.040	0.045	0.6000
0.6170								-0.039								0.6170
0.7000	-0.076	-0.060	0.017	-0.066	-0.037	0.028	-0.064	-0.019	0.045	-0.086	-0.024	0.062	-0.072			0.7000
0.7100														-0.031		0.7100
0.8000	-0.070	-0.024	0.046	-0.054	-0.010	0.044	-0.062	0.017	0.079	-0.062	-0.009	0.054	-0.041			0.8000
0.8100														-0.027		0.8100
0.9000	-0.062	-0.009	0.052	-0.032	0.011	0.043	-0.044	0.017	0.060	-0.020	-0.016	0.004	-0.029			0.9000
1.0000	-0.051	-0.015	0.036		0.027	0.027	-0.010	-0.021	-0.011	0.043	-0.046	-0.088	-0.035	-0.026	0.003	1.0000
	M = 0.698 α = 03.73															
0.0000	-0.088	-0.062	0.026	-0.045	-0.153	-0.108	-0.101	-0.167	-0.066	-0.071	-0.137	-0.066	-0.100	-0.074		0.0000
0.0125	-0.085	-0.077	0.008	-0.085	-0.149	-0.064	-0.112	-0.146	-0.034	-0.100	-0.114	-0.014		-0.075		0.0125
0.0250	-0.087	-0.089	-0.002	-0.112	-0.146	-0.034	-0.121	-0.130	-0.009	-0.119	-0.099	0.020	-0.106	-0.076	0.030	0.0250
0.0500	-0.102	-0.099	0.003	-0.125	-0.137	-0.012	-0.129	-0.114	0.016	-0.125	-0.091	0.034	-0.107	-0.072	0.034	0.0500
0.0750	-0.111	-0.106	0.005	-0.147	-0.130	0.018	-0.133	-0.114	0.019	-0.127	-0.085	0.041	-0.103	-0.066	0.037	0.0750
0.1000	-0.117	-0.112	0.005	-0.149	-0.131	0.017	-0.127	-0.102	0.026	-0.122	-0.093	0.029	-0.099	-0.069	0.030	0.1000
0.1500	-0.119	-0.121	-0.003	-0.134	-0.127	0.006	-0.114	-0.106	0.009	-0.107	-0.088	0.019	-0.093	-0.065	0.029	0.1500
0.2000	-0.129	-0.122	0.007	-0.125	-0.124	0.001	-0.108	-0.099	0.009	-0.105	-0.082	0.024	-0.093	-0.060	0.032	0.2000
0.3000	-0.126	-0.124	0.003	-0.116	-0.109	0.007	-0.097	-0.090	0.007	-0.088	-0.068	0.020	-0.093	-0.052	0.041	0.3000
0.4000	-0.113	-0.108	0.004	-0.103	-0.091	0.012	-0.083	-0.068	0.015	-0.076	-0.056	0.020	-0.088	-0.044	0.044	0.4000
0.5000	-0.098	-0.091	0.007	-0.089	-0.069	0.019	-0.074	-0.057	0.017	-0.074	-0.044	0.030	-0.079	-0.041	0.037	0.5000
0.6000	-0.077	-0.075	0.003	-0.061	-0.052	0.009	-0.058			-0.078	-0.030	0.048	-0.073	-0.029	0.045	0.6000
0.6170								-0.029								0.6170
0.7000	-0.067	-0.053	0.014	-0.054	-0.024	0.029	-0.053	-0.012	0.041	-0.072	-0.018	0.055	-0.057			0.7000
0.7100														-0.017		0.7100
0.8000	-0.059	-0.013	0.046	-0.041	-0.002	0.039	-0.053	0.020	0.073	-0.051	-0.004	0.047	-0.031			0.8000
0.8100														-0.016		0.8100
0.9000	-0.046	0.005	0.051	-0.019	0.018	0.037	-0.038	0.022	0.060	-0.011	-0.010	0.000	-0.016			0.9000
1.0000	-0.030	0.002	0.031	0.014	0.035	0.022	-0.006	-0.004	0.002	0.050	-0.037	-0.086	-0.013	-0.037	-0.021	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$- Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 0.701 α = 07.76															
0.0000	-0.157	-0.118	0.039	-0.113	-0.209	-0.097	-0.125	-0.213	-0.088	-0.082	-0.176	-0.094	-0.104	-0.124		0.0000
0.0125	-0.152	-0.138	0.014	-0.140	-0.206	-0.066	-0.136	-0.190	-0.054	-0.109	-0.151	-0.042		-0.107		0.0125
0.0250	-0.151	-0.153	-0.001	-0.159	-0.200	-0.042	-0.146	-0.172	-0.026	-0.129	-0.133	-0.004	-0.114	-0.097	0.018	0.0250
0.0500	-0.162	-0.162	0.000	-0.173	-0.183	-0.011	-0.158	-0.152	0.006	-0.144	-0.118	0.025	-0.118	-0.096	0.022	0.0500
0.0750	-0.169	-0.164	0.005	-0.193	-0.177	0.016	-0.163	-0.148	0.015	-0.145	-0.111	0.064	-0.114	-0.087	0.027	0.0750
0.1000	-0.175	-0.172	0.003	-0.196	-0.177	0.019	-0.156	-0.134	0.022	-0.140	-0.120	0.021	-0.110	-0.089	0.021	0.1000
0.1500	-0.176	-0.177	-0.001	-0.174	-0.173	0.001	-0.141	-0.138	0.003	-0.125	-0.112	0.013	-0.110	-0.087	0.023	0.1500
0.2000	-0.182	-0.175	0.006	-0.164	-0.167	-0.002	-0.137	-0.131	0.006	-0.115	-0.103	0.012	-0.106	-0.079	0.026	0.2000
0.3000	-0.176	-0.173	0.003	-0.152	-0.150	0.002	-0.122	-0.123	-0.001	-0.105	-0.088	0.017	-0.106	-0.069	0.038	0.3000
0.4000	-0.154	-0.147	0.007	-0.135	-0.125	0.010	-0.109	-0.085	0.024	-0.095	-0.075	0.020	-0.102	-0.063	0.039	0.4000
0.5000	-0.129	-0.127	0.002	-0.114	-0.097	0.016	-0.098	-0.078	0.020	-0.091	-0.061	0.030	-0.094	-0.055	0.039	0.5000
0.6000	-0.106	-0.096	0.011	-0.084	-0.073	0.011	-0.081			-0.095	-0.045	0.050	-0.086	-0.044	0.042	0.6000
0.6170								-0.050								0.6170
0.7000	-0.089	-0.072	0.016	-0.075	-0.043	0.031	-0.071	-0.032	0.039	-0.090	-0.033	0.057	-0.070			0.7000
0.7100														-0.031		0.7100
0.8000	-0.081	-0.036	0.045	-0.066	-0.021	0.045	-0.073	0.001	0.074	-0.069	-0.020	0.050	-0.040			0.8000
0.8100														-0.033		0.8100
0.9000	-0.070	-0.015	0.055	-0.042	0.005	0.047	-0.056	0.008	0.064	-0.025	-0.027	-0.002	-0.035			0.9000
1.0000	-0.057	-0.009	0.047	-0.004	0.034	0.038	-0.019	-0.012	0.007	0.044	-0.056	-0.100	-0.054	-0.076	-0.040	1.0000
	M = 0.695 α = 11.88															
0.0000	-0.235	-0.220	0.015	-0.138	-0.336	-0.198	-0.153	-0.264	-0.111	-0.054	-0.198	-0.144	-0.137	-0.188		0.0000
0.0125	-0.235	-0.245	-0.011	-0.191	-0.327	-0.137	-0.167	-0.258	-0.091	-0.113	-0.179	-0.066		-0.147		0.0125
0.0250	-0.235	-0.261	-0.026	-0.227	-0.315	-0.088	-0.180	-0.245	-0.065	-0.152	-0.165	-0.013	-0.130	-0.122	0.009	0.0250
0.0500	-0.239	-0.264	-0.026	-0.254	-0.280	-0.026	-0.203	-0.197	0.006	-0.165	-0.152	0.012	-0.128	-0.117	0.011	0.0500
0.0750	-0.258	-0.268	-0.010	-0.278	-0.272	0.007	-0.208	-0.193	0.015	-0.167	-0.144	0.023	-0.129	-0.110	0.019	0.0750
0.1000	-0.268	-0.273	-0.005	-0.280	-0.267	0.013	-0.205	-0.184	0.021	-0.168	-0.140	0.028	-0.126	-0.108	0.018	0.1000
0.1500	-0.255	-0.276	-0.021	-0.249	-0.253	-0.004	-0.180	-0.182	-0.002	-0.149	-0.129	0.020	-0.123	-0.108	0.014	0.1500
0.2000	-0.259	-0.263	-0.004	-0.232	-0.244	-0.012	-0.174	-0.180	-0.006	-0.137	-0.128	0.009	-0.120	-0.103	0.017	0.2000
0.3000	-0.242	-0.248	-0.006	-0.210	-0.215	-0.006	-0.160	-0.160		-0.133	-0.118	0.015	-0.123	-0.093	0.029	0.3000
0.4000	-0.211	-0.198	0.013	-0.186	-0.182	0.004	-0.142	-0.131	0.012	-0.119	-0.096	0.022	-0.118	-0.084	0.035	0.4000
0.5000	-0.170	-0.166	0.004	-0.161	-0.147	0.014	-0.123	-0.114	0.009	-0.115	-0.085	0.030	-0.116	-0.077	0.039	0.5000
0.6000	-0.134	-0.130	0.004	-0.136	-0.123	0.013	-0.107			-0.119	-0.066	0.052	-0.104	-0.066	0.037	0.6000
0.6170								-0.083								0.6170
0.7000	-0.117	-0.107	0.010	-0.122	-0.091	0.031	-0.107	-0.067	0.040	-0.115	-0.058	0.057	-0.091			0.7000
0.7100														-0.052		0.7100
0.8000	-0.103	-0.059	0.043	-0.109	-0.051	0.059	-0.107	-0.031	0.076	-0.091	-0.042	0.049	-0.060			0.8000
0.8100														-0.050		0.8100
0.9000	-0.086	-0.033	0.053	-0.074	-0.019	0.054	-0.086	-0.022	0.064	-0.046	-0.043	0.003	-0.049			0.9000
1.0000	-0.066	-0.028	0.037	-0.014	0.004	0.018	-0.044	-0.038	0.006	0.021	-0.061	-0.082	-0.059	-0.075	-0.026	1.0000
	M = 0.697 α = 15.86															
0.0000	-0.348	-0.383	-0.035	-0.315	-0.509	-0.194	-0.220	-0.474	-0.254	-0.107	-0.349	-0.241	-0.141	-0.212		0.0000
0.0125	-0.335	-0.377	-0.043	-0.329	-0.514	-0.186	-0.258	-0.459	-0.201	-0.150	-0.298	-0.147		-0.202		0.0125
0.0250	-0.329	-0.375	-0.046	-0.345	-0.506	-0.161	-0.285	-0.431	-0.147	-0.179	-0.257	-0.078	-0.140	-0.188	-0.048	0.0250
0.0500	-0.341	-0.382	-0.041	-0.385	-0.447	-0.061	-0.304	-0.336	-0.031	-0.193	-0.206	-0.012	-0.137	-0.143	-0.006	0.0500
0.0750	-0.361	-0.386	-0.025	-0.416	-0.427	-0.011	-0.306	-0.316	-0.010	-0.197	-0.192	0.005	-0.133	-0.130	0.003	0.0750
0.1000	-0.373	-0.390	-0.016	-0.421	-0.418	0.003	-0.303	-0.293	0.010	-0.191	-0.196	-0.005	-0.129	-0.132	-0.003	0.1000
0.1500	-0.361	-0.385	-0.024	-0.387	-0.397	-0.010	-0.275	-0.293	-0.018	-0.168	-0.182	-0.014	-0.124	-0.119	0.005	0.1500
0.2000	-0.358	-0.370	-0.012	-0.348	-0.371	-0.022	-0.261	-0.276	-0.015	-0.155	-0.166	-0.011	-0.126	-0.112	0.014	0.2000
0.3000	-0.322	-0.333	-0.011	-0.314	-0.322	-0.008	-0.236	-0.239	-0.003	-0.143	-0.140	0.002	-0.129	-0.099	0.029	0.3000
0.4000	-0.261	-0.264	-0.003	-0.278	-0.267	0.011	-0.213	-0.203	0.009	-0.134	-0.125	0.009	-0.125	-0.089	0.037	0.4000
0.5000	-0.218	-0.222	-0.003	-0.242	-0.224	0.018	-0.185	-0.183	0.003	-0.132	-0.107	0.025	-0.120	-0.081	0.039	0.5000
0.6000	-0.172	-0.172		-0.206	-0.197	0.009	-0.172			-0.137	-0.088	0.049	-0.113	-0.070	0.044	0.6000
0.6170								-0.144								0.6170
0.7000	-0.140	-0.134	0.006	-0.182	-0.153	0.028	-0.163	-0.120	0.043	-0.133	-0.077	0.056	-0.097			0.7000
0.7100														-0.060		0.7100
0.8000	-0.121	-0.087	0.034	-0.172	-0.117	0.056	-0.166	-0.076	0.090	-0.110	-0.060	0.050	-0.065			0.8000
0.8100														-0.063		0.8100
0.9000	-0.101	-0.060	0.041	-0.133	-0.083	0.050	-0.143	-0.064	0.079	-0.070	-0.065	0.005	-0.066			0.9000
1.0000	-0.079	-0.053	0.026	-0.064	-0.051	0.013	-0.096	-0.083	0.012	-0.013	-0.091	-0.078	-0.100	-0.098	-0.032	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 0.906 α = 03.78															
0.0000	-0.125	-0.095	0.030	-0.131	-0.215	-0.085	-0.121	0.170	0.291	-0.082	-0.157	-0.075	-0.106	-0.141		0.0000
0.0125	-0.115	-0.105	0.010	-0.150	-0.209	-0.059	-0.135	-0.035	0.100	-0.105	-0.132	-0.027		-0.108		0.0125
0.0250	-0.113	-0.115	-0.001	-0.165	-0.203	-0.038	-0.145	-0.155	-0.010	-0.121	-0.115	0.006	-0.109	-0.087	0.021	0.0250
0.0500	-0.134	-0.131	0.003	-0.177	-0.192	-0.014	-0.152	-0.139	0.012	-0.131	-0.103	0.028	-0.107	-0.082	0.026	0.0500
0.0750	-0.151	-0.149	0.003	-0.203	-0.185	0.018	-0.155	-0.132	0.023	-0.132	-0.095	0.037	-0.102	-0.074	0.028	0.0750
0.1000	-0.163	-0.162	0.001	-0.207	-0.186	0.022	-0.148	-0.120	0.027	-0.128	-0.100	0.028	-0.098	-0.075	0.022	0.1000
0.1500	-0.166	-0.178	-0.012	-0.182	-0.175	0.007	-0.131	-0.123	0.007	-0.109	-0.095	0.014	-0.093	-0.070	0.024	0.1500
0.2000	-0.186	-0.180	0.005	-0.167	-0.164	0.003	-0.120	-0.119	0.001	-0.100	-0.089	0.011	-0.096	-0.066	0.030	0.2000
0.3000	-0.186	-0.179	0.007	-0.147	-0.141	0.006	-0.106	-0.100	0.006	-0.088	-0.071	0.017	-0.100	-0.056	0.044	0.3000
0.4000	-0.159	-0.148	0.011	-0.123	-0.108	0.015	-0.091	-0.099	-0.008	-0.077	-0.057	0.020	-0.099	-0.050	0.050	0.4000
0.5000	-0.129	-0.121	0.008	-0.097	-0.086	0.010	-0.074	-0.059	0.015	-0.074	-0.042	0.032	-0.089	-0.047	0.042	0.5000
0.6000	-0.098	-0.087	0.011	-0.066	-0.057	0.009	-0.064			-0.084	-0.029	0.055	-0.077	-0.036	0.042	0.6000
0.6170								-0.038								0.6170
0.7000	-0.069	-0.057	0.012	-0.057	-0.026	0.031	-0.057	-0.040	0.017	-0.080	-0.019	0.061	-0.058			0.7000
0.7100														-0.028		0.7100
0.8000	-0.061	-0.021	0.040	-0.046	0.005	0.051	-0.051	-0.012	0.039	-0.074		0.073	-0.038			0.8000
0.8100														-0.024		0.8100
0.9000	-0.050	0.005	0.055	-0.015	0.032	0.047	-0.052	0.030	0.082	-0.021	-0.011	0.010	-0.015			0.9000
1.0000	-0.034	0.021	0.055	0.037	0.058	0.021	-0.059	0.087	0.146	0.077	-0.052	-0.129	0.009	-0.026	-0.011	1.0000
	M = 0.953 α = 03.92															
0.0000	-0.196	-0.166	0.030	-0.195	-0.300	-0.105	-0.252	-0.388	-0.136	-0.168	-0.268	-0.100	-0.047	-0.063		0.0000
0.0125	-0.184	-0.171	0.013	-0.216	-0.296	-0.081	-0.269	-0.353	-0.084	-0.170	-0.211	-0.041		-0.040		0.0125
0.0250	-0.179	-0.176	0.003	-0.232	-0.290	-0.058	-0.284	-0.327	-0.043	-0.167	-0.166	0.002	-0.047	-0.026	0.021	0.0250
0.0500	-0.193	-0.189	0.005	-0.253	-0.273	-0.020	-0.308	-0.301	0.006	-0.149	-0.112	0.038	-0.046	-0.026	0.021	0.0500
0.0750	-0.213	-0.212	0.001	-0.284	-0.281	0.003	-0.324	-0.300	0.024	-0.121	-0.072	0.049	-0.046	-0.023	0.024	0.0750
0.1000	-0.228	-0.227	0.000	-0.289	-0.290	-0.002	-0.326	-0.295	0.031	-0.091	-0.049	0.042	-0.043	-0.025	0.017	0.1000
0.1500	-0.230	-0.248	-0.018	-0.295	-0.301	-0.006	-0.316	-0.305	0.011	-0.030	-0.003	0.028	-0.045	-0.025	0.020	0.1500
0.2000	-0.257	-0.258	-0.002	-0.297	-0.304	-0.007	-0.299	-0.299		0.000	0.012	0.012	-0.051	-0.024	0.027	0.2000
0.3000	-0.277	-0.299	-0.022	-0.312	-0.307	0.005	-0.213	-0.199	0.014	-0.011	0.002	0.013	-0.068	-0.021	0.047	0.3000
0.4000	-0.301	-0.284	0.017	-0.309	-0.287	0.022	-0.034	0.016	0.050	-0.024	-0.004	0.019	-0.077	-0.020	0.057	0.4000
0.5000	-0.314	-0.295	0.019	-0.246	-0.204	0.042	0.037	0.032	-0.004	-0.035	0.003	0.038	-0.073	-0.023	0.050	0.5000
0.6000	-0.236	-0.217	0.019	0.034	0.047	0.013	0.001			-0.059	0.011	0.070	-0.060	-0.017	0.044	0.6000
0.6170								0.024								0.6170
0.7000	-0.080	-0.053	0.026	0.027	0.043	0.015	-0.011	0.032	0.043	-0.065	0.016	0.081	-0.040			0.7000
0.7100														-0.010		0.7100
0.8000	-0.017	0.019	0.036	0.007	0.049	0.042	-0.021	0.061	0.082	-0.040	0.020	0.060	-0.021			0.8000
0.8100														-0.008		0.8100
0.9000	0.004	0.039	0.036	0.022	0.066	0.044	-0.009	0.053	0.062	0.007	0.011	0.004	-0.002			0.9000
1.0000	-0.018	0.009	0.027	0.071	0.092	0.022	0.025	0.008	-0.017	0.074	-0.013	-0.087	0.016	-0.014	-0.011	1.0000
	M = 1.005 α = 04.03															
0.0000	-0.167	-0.168	-0.001	-0.172	-0.066	0.106	-0.238	-0.377	-0.140	-0.240	-0.383	-0.143	-0.360	-0.440		0.0000
0.0125	-0.165	-0.158	0.006	-0.208	-0.202	0.006	-0.255	-0.348	-0.094	-0.287	-0.356	-0.069		-0.401		0.0125
0.0250	-0.164	-0.155	0.009	-0.233	-0.282	-0.048	-0.269	-0.326	-0.057	-0.318	-0.338	-0.019	-0.354	-0.374	-0.020	0.0250
0.0500	-0.170	-0.171	-0.001	-0.247	-0.271	-0.024	-0.290	-0.304	-0.014	-0.334	-0.327	0.007	-0.351	-0.358	-0.007	0.0500
0.0750	-0.188	-0.191	-0.002	-0.268	-0.265	0.004	-0.305	-0.298	0.007	-0.344	-0.325	0.019	-0.351	-0.357	-0.006	0.0750
0.1000	-0.206	-0.204	0.002	-0.283	-0.270	0.013	-0.308	-0.284	0.024	-0.347	-0.339	0.008	-0.351	-0.360	-0.009	0.1000
0.1500	-0.211	-0.224	-0.013	-0.283	-0.298	-0.015	-0.310	-0.290	0.020	-0.342	-0.343	-0.002	-0.349	-0.351	-0.002	0.1500
0.2000	-0.230	-0.241	-0.011	-0.280	-0.307	-0.027	-0.315	-0.306	0.009	-0.341	-0.345	-0.004	-0.344	-0.336	-0.009	0.2000
0.3000	-0.254	-0.265	-0.011	-0.297	-0.297	0.000	-0.326	-0.331	-0.004	-0.343	-0.342	0.001	-0.307	-0.256	0.051	0.3000
0.4000	-0.279	-0.290	-0.011	-0.316	-0.315	0.002	-0.342	-0.335	0.007	-0.337	-0.313	0.024	-0.258	-0.143	0.116	0.4000
0.5000	-0.297	-0.285	0.012	-0.339	-0.319	0.020	-0.338	-0.329	0.009	-0.288	-0.271	0.017	-0.196	0.038	0.234	0.5000
0.6000	-0.317	-0.311	0.006	-0.339	-0.328	0.010	-0.292			-0.264	-0.198	0.066	-0.009	0.008	0.017	0.6000
0.6170								-0.273								0.6170
0.7000	-0.333	-0.316	0.017	-0.309	-0.289	0.020	-0.275	-0.253	0.022	-0.182	0.052	0.234	0.043			0.7000
0.7100														0.007		0.7100
0.8000	-0.295	-0.224	0.071	-0.265	-0.176	0.090	-0.128	0.029	0.157	-0.030	0.035	0.066	0.065			0.8000
0.8100														0.033		0.8100
0.9000	-0.188	-0.122	0.067	-0.161	-0.015	0.146	-0.026	0.052	0.078	0.054	0.019	-0.035	0.053			0.9000
1.0000	-0.014	-0.009	0.004	0.006	0.194	0.188	0.032	-0.183	-0.215	0.071	0.002	-0.069	0.008	0.154	0.101	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.048		α = 04.03							
0.0000	-0.100	-0.092	0.008	-0.147	-0.216	-0.069	-0.175	-0.271	-0.095	-0.104	-0.295	-0.192	-0.271	-0.414		0.0000
0.0125	-0.096	-0.090	0.006	-0.166	-0.220	-0.054	-0.212	-0.286	-0.074	-0.199	-0.303	-0.104		-0.353		0.0125
0.0250	-0.096	-0.091	0.005	-0.181	-0.220	-0.039	-0.238	-0.292	-0.054	-0.261	-0.305	-0.044	-0.288	-0.316	-0.029	0.0250
0.0500	-0.108	-0.100	0.008	-0.195	-0.208	-0.013	-0.262	-0.278	-0.016	-0.282	-0.287	-0.005	-0.296	-0.313	-0.017	0.0500
0.0750	-0.128	-0.120	0.008	-0.221	-0.211	0.010	-0.263	-0.272	-0.010	-0.294	-0.279	0.015	-0.296	-0.313	-0.017	0.0750
0.1000	-0.144	-0.137	0.007	-0.232	-0.220	0.011	-0.273	-0.272	0.001	-0.299	-0.291	0.007	-0.296	-0.317	-0.021	0.1000
0.1500	-0.153	-0.161	-0.008	-0.234	-0.243	-0.009	-0.268	-0.260	0.008	-0.297	-0.299	-0.002	-0.296	-0.317	-0.021	0.1500
0.2000	-0.183	-0.180	0.004	-0.240	-0.255	-0.015	-0.272	-0.272	0.000	-0.293	-0.301	-0.008	-0.297	-0.313	-0.016	0.2000
0.3000	-0.208	-0.235	-0.027	-0.253	-0.255	-0.001	-0.283	-0.288	-0.005	-0.291	-0.299	-0.008	-0.307	-0.303	0.005	0.3000
0.4000	-0.240	-0.221	0.019	-0.278	-0.275	0.004	-0.295	-0.292	0.002	-0.291	-0.291	0.000	-0.293	-0.254	0.039	0.4000
0.5000	-0.260	-0.256	0.005	-0.297	-0.277	0.020	-0.296	-0.289	0.007	-0.287	-0.265	0.021	-0.250	-0.199	0.051	0.5000
0.6000	-0.271	-0.271		-0.297	-0.288	0.009	-0.269			-0.258	-0.244	0.014	-0.242	0.012	0.253	0.6000
0.6170								-0.253								0.6170
0.7000	-0.290	-0.277	0.013	-0.273	-0.243	0.030	-0.248	-0.238	0.011	-0.231	-0.128	0.103	-0.138			0.7000
0.7100														-0.007		0.7100
0.8000	-0.260	-0.201	0.060	-0.225	-0.202	0.023	-0.222	-0.006	0.216	-0.154	0.026	0.180	0.005			0.8000
0.8100														-0.046		0.8100
0.9000	-0.158	-0.093	0.065	-0.104	-0.007	0.097	-0.033	0.036	0.069	-0.018	-0.006	0.012	-0.022			0.9000
1.0000	0.017	0.045	0.029	0.090	0.342	0.253	0.320	-0.111	-0.431	0.177	-0.224	-0.401	-0.220	-0.175	-0.153	1.0000
							M = 1.100		α = 04.08							
0.0000	-0.104	-0.098	0.006	-0.078	-0.172	-0.094	-0.078	-0.202	-0.124	-0.086	-0.247	-0.161	-0.209	-0.327		0.0000
0.0125	-0.097	-0.090	0.008	-0.102	-0.169	-0.068	-0.092	-0.195	-0.104	-0.142	-0.220	-0.078		-0.278		0.0125
0.0250	-0.093	-0.086	0.007	-0.117	-0.165	-0.047	-0.104	-0.186	-0.082	-0.177	-0.201	-0.023	-0.221	-0.248	-0.027	0.0250
0.0500	-0.092	-0.093	-0.001	-0.125	-0.150	-0.025	-0.128	-0.161	-0.033	-0.191	-0.187	0.004	-0.227	-0.242	-0.016	0.0500
0.0750	-0.105	-0.114	-0.010	-0.137	-0.142	-0.005	-0.136	-0.153	-0.017	-0.204	-0.186	0.019	-0.226	-0.245	-0.018	0.0750
0.1000	-0.126	-0.127	-0.001	-0.137	-0.138	-0.002	-0.146	-0.140	0.006	-0.208	-0.200	0.008	-0.225	-0.251	-0.026	0.1000
0.1500	-0.129	-0.134	-0.005	-0.111	-0.138	-0.027	-0.149	-0.139	0.010	-0.205	-0.210	-0.005	-0.227	-0.251	-0.024	0.1500
0.2000	-0.148	-0.149	-0.001	-0.105	-0.133	-0.029	-0.158	-0.153	0.006	-0.209	-0.216	-0.007	-0.230	-0.251	-0.021	0.2000
0.3000	-0.125	-0.158	-0.033	-0.125	-0.124	0.001	-0.174	-0.171	0.003	-0.213	-0.222	-0.009	-0.241	-0.248	-0.007	0.3000
0.4000	-0.112	-0.113	-0.001	-0.164	-0.144	0.020	-0.196	-0.195	0.001	-0.224	-0.227	-0.004	-0.247	-0.228	0.019	0.4000
0.5000	-0.128	-0.115	0.014	-0.190	-0.168	0.022	-0.205	-0.205	0.000	-0.222	-0.216	0.006	-0.222	-0.193	0.028	0.5000
0.6000	-0.158	-0.139	0.019	-0.202	-0.195	0.008	-0.210			-0.211	-0.181	0.030	-0.197	-0.147	0.049	0.6000
0.6170								-0.202								0.6170
0.7000	-0.190	-0.173	0.017	-0.201	-0.180	0.021	-0.186	-0.174	0.012	-0.190	-0.170	0.020	-0.189			0.7000
0.7100														-0.015		0.7100
0.8000	-0.183	-0.134	0.048	-0.161	-0.133	0.028	-0.157	-0.128	0.029	-0.165	-0.006	0.159	-0.117			0.8000
0.8100														0.001		0.8100
0.9000	-0.128	-0.062	0.065	-0.108	-0.028	0.079	-0.119	0.033	0.153	-0.066	0.039	0.105	0.007			0.9000
1.0000	-0.025	0.043	0.068	-0.040	0.135	0.175	-0.072	0.310	0.382	0.106	-0.035	-0.141	0.185	-0.243	-0.251	1.0000
							M = 1.297		α = -04.13							
0.0000	0.046	-0.008	-0.055	0.066	-0.089	-0.155	0.030	-0.116	-0.145	0.052	-0.125	-0.177	-0.035	-0.174		0.0000
0.0125	0.052	0.034	-0.018	0.044	-0.052	-0.097	0.005	-0.087	-0.091	-0.007	-0.099	-0.093		-0.119		0.0125
0.0250	0.056	0.060	0.004	0.029	-0.028	-0.057	-0.016	-0.065	-0.049	-0.046	-0.081	-0.035	-0.072	-0.086	-0.014	0.0250
0.0500	0.064	0.066	0.002	0.020	-0.011	-0.031	-0.044	-0.043	0.000	-0.069	-0.066	0.002	-0.089	-0.088	0.001	0.0500
0.0750	0.057	0.043	-0.014	-0.011	-0.007	0.004	-0.049	-0.044	0.005	-0.081	-0.065	0.017	-0.086	-0.090	-0.004	0.0750
0.1000	0.039	0.025	-0.014	-0.029	-0.017	0.013	-0.056	-0.041	0.015	-0.087	-0.073	0.014	-0.087	-0.090	-0.004	0.1000
0.1500	0.044	0.025	-0.019	-0.037	-0.026	0.011	-0.047	-0.052	-0.005	-0.081	-0.083	-0.002	-0.085	-0.097	-0.012	0.1500
0.2000	0.014	0.013	-0.001	-0.038	-0.046	-0.008	-0.048	-0.058	-0.010	-0.076	-0.084	-0.007	-0.081	-0.100	-0.019	0.2000
0.3000	-0.008	-0.044	-0.035	-0.036	-0.041	-0.005	-0.054	-0.059	-0.005	-0.079	-0.083	-0.004	-0.082	-0.098	-0.016	0.3000
0.4000	-0.035	-0.019	0.016	-0.041	-0.048	-0.007	-0.066	-0.068	-0.002	-0.084	-0.083	0.002	-0.094	-0.094		0.4000
0.5000	-0.039	-0.028	0.011	-0.057	-0.048	0.009	-0.078	-0.070	0.007	-0.087	-0.083	0.004	-0.101	-0.089	0.012	0.5000
0.6000	-0.040	-0.041	-0.001	-0.063	-0.052	0.011	-0.085			-0.096	-0.084	0.012	-0.117	-0.086	0.031	0.6000
0.6170								-0.075								0.6170
0.7000	-0.056	-0.048	0.008	-0.074	-0.062	0.012	-0.091	-0.076	0.015	-0.111	-0.083	0.028	-0.134			0.7000
0.7100														-0.084		0.7100
0.8000	-0.086	-0.052	0.034	-0.092	-0.057	0.034	-0.109	-0.070	0.040	-0.129	-0.075	0.054	-0.144			0.8000
0.8100														-0.093		0.8100
0.9000	-0.102	-0.054	0.048	-0.116	-0.052	0.063	-0.152	-0.057	0.095	-0.142	-0.081	0.061	-0.148			0.9000
1.0000	-0.104	-0.054	0.049	-0.146	-0.047	0.100	-0.219	-0.039	0.181	-0.150	-0.101	0.049	-0.145	-0.140	0.008	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_y$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.303 α = -00.15															
0.0000	-0.013	-0.005	0.008	-0.001	-0.103	-0.102	-0.047	-0.183	-0.135	0.001	-0.169	-0.171	-0.095	-0.213		0.0000
0.0125	-0.013	-0.010	0.003	-0.023	-0.096	-0.073	-0.064	-0.152	-0.088	-0.059	-0.147	-0.088		-0.164		0.0125
0.0250	-0.012	-0.011	0.001	-0.040	-0.089	-0.049	-0.080	-0.131	-0.050	-0.100	-0.130	-0.031	-0.120	-0.136	-0.016	0.0250
0.0500	-0.010	-0.006	0.003	-0.058	-0.072	-0.014	-0.110	-0.114	-0.004	-0.119	-0.115	0.004	-0.135	-0.141	-0.006	0.0500
0.0750	-0.017	-0.033	-0.016	-0.078	-0.074	0.005	-0.116	-0.112	0.004	-0.133	-0.115	0.018	-0.137	-0.144	-0.007	0.0750
0.1000	-0.029	-0.049	-0.019	-0.092	-0.081	0.011	-0.123	-0.105	0.019	-0.137	-0.125	0.012	-0.137	-0.152	-0.015	0.1000
0.1500	-0.033	-0.049	-0.017	-0.092	-0.093	-0.001	-0.116	-0.114	0.002	-0.129	-0.135	-0.006	-0.134	-0.152	-0.017	0.1500
0.2000	-0.060	-0.064	-0.004	-0.097	-0.106	-0.009	-0.113	-0.125	-0.012	-0.124	-0.137	-0.013	-0.130	-0.147	-0.017	0.2000
0.3000	-0.075	-0.105	-0.030	-0.106	-0.110	-0.003	-0.118	-0.124	-0.006	-0.128	-0.136	-0.007	-0.134	-0.142	-0.007	0.3000
0.4000	-0.096	-0.080	0.016	-0.109	-0.114	-0.004	-0.120	-0.128	-0.008	-0.133	-0.135	-0.002	-0.145	-0.139	0.006	0.4000
0.5000	-0.102	-0.107	-0.005	-0.119	-0.113	0.006	-0.129	-0.123	0.006	-0.139	-0.136	0.003	-0.160	-0.141	0.019	0.5000
0.6000	-0.100	-0.105	-0.005	-0.126	-0.115	0.011	-0.137			-0.149	-0.135	0.014	-0.169	-0.140	0.029	0.6000
0.6170								-0.128								0.6170
0.7000	-0.127	-0.116	0.011	-0.137	-0.123	0.015	-0.145	-0.132	0.013	-0.164	-0.136	0.028	-0.189			0.7000
0.7100														-0.140		0.7100
0.8000	-0.151	-0.119	0.032	-0.152	-0.117	0.035	-0.166	-0.122	0.044	-0.184	-0.128	0.056	-0.198			0.8000
0.8100														-0.153		0.8100
0.9000	-0.159	-0.107	0.052	-0.177	-0.104	0.072	-0.201	-0.114	0.087	-0.189	-0.137	0.052	-0.201			0.9000
1.0000	-0.150	-0.079	0.070	-0.212	-0.086	0.126	-0.250	-0.107	0.143	-0.178	-0.162	0.017	-0.199	-0.208	-0.007	1.0000
	M = 1.301 α = 03.93															
0.0000	-0.068	-0.053	0.015	-0.041	-0.146	-0.105	-0.081	-0.207	-0.126	-0.055	-0.207	-0.152	-0.125	-0.236		0.0000
0.0125	-0.066	-0.061	0.005	-0.066	-0.142	-0.077	-0.102	-0.189	-0.087	-0.104	-0.185	-0.080		-0.192		0.0125
0.0250	-0.064	-0.064		-0.084	-0.137	-0.053	-0.120	-0.174	-0.054	-0.138	-0.168	-0.030	-0.160	-0.167	-0.007	0.0250
0.0500	-0.061	-0.059	0.002	-0.102	-0.120	-0.018	-0.148	-0.154	-0.006	-0.159	-0.151	0.008	-0.177	-0.174	0.002	0.0500
0.0750	-0.076	-0.086	-0.010	-0.126	-0.124	0.002	-0.155	-0.152	0.002	-0.171	-0.151	0.020	-0.174	-0.178	-0.004	0.0750
0.1000	-0.089	-0.100	-0.010	-0.139	-0.130	0.009	-0.163	-0.145	0.017	-0.176	-0.163	0.014	-0.174	-0.186	-0.012	0.1000
0.1500	-0.084	-0.102	-0.018	-0.144	-0.140	0.003	-0.155	-0.155	0.000	-0.173	-0.176	-0.003	-0.171	-0.188	-0.017	0.1500
0.2000	-0.115	-0.117	-0.002	-0.146	-0.152	-0.006	-0.154	-0.164	-0.010	-0.170	-0.183	-0.012	-0.165	-0.187	-0.022	0.2000
0.3000	-0.128	-0.154	-0.026	-0.153	-0.159	-0.006	-0.162	-0.172	-0.010	-0.170	-0.180	-0.010	-0.170	-0.180	-0.010	0.3000
0.4000	-0.156	-0.130	0.026	-0.158	-0.157	0.001	-0.168	-0.174	-0.006	-0.173	-0.176	-0.003	-0.182	-0.180	0.002	0.4000
0.5000	-0.148	-0.157	-0.008	-0.169	-0.164	0.005	-0.173	-0.176	-0.003	-0.176	-0.178	-0.002	-0.197	-0.183	0.013	0.5000
0.6000	-0.149	-0.156	-0.008	-0.174	-0.165	0.008	-0.181			-0.185	-0.177	0.008	-0.211	-0.185	0.025	0.6000
0.6170								-0.172								0.6170
0.7000	-0.181	-0.166	0.015	-0.185	-0.170	0.014	-0.188	-0.176	0.012	-0.199	-0.177	0.022	-0.227			0.7000
0.7100														-0.184		0.7100
0.8000	-0.198	-0.168	0.030	-0.199	-0.165	0.034	-0.203	-0.166	0.036	-0.220	-0.171	0.048	-0.236			0.8000
0.8100														-0.196		0.8100
0.9000	-0.195	-0.144	0.051	-0.210	-0.147	0.063	-0.228	-0.155	0.073	-0.226	-0.180	0.046	-0.239			0.9000
1.0000	-0.171	-0.095	0.077	-0.217	-0.115	0.102	-0.262	-0.141	0.121	-0.219	-0.203	0.016	-0.237	-0.249	-0.010	1.0000
	M = 1.297 α = 07.86															
0.0000	-0.121	-0.083	0.038	-0.074	-0.195	-0.122	-0.100	-0.246	-0.145	-0.084	-0.227	-0.143	-0.171	-0.253		0.0000
0.0125	-0.121	-0.111	0.010	-0.095	-0.196	-0.100	-0.126	-0.220	-0.094	-0.140	-0.209	-0.069		-0.216		0.0125
0.0250	-0.121	-0.125	-0.004	-0.115	-0.192	-0.077	-0.147	-0.201	-0.054	-0.178	-0.196	-0.018	-0.195	-0.195	0.000	0.0250
0.0500	-0.116	-0.109	0.007	-0.147	-0.174	-0.027	-0.177	-0.180	-0.003	-0.200	-0.179	0.020	-0.208	-0.201	0.007	0.0500
0.0750	-0.116	-0.135	-0.019	-0.186	-0.171	0.014	-0.190	-0.182	0.008	-0.212	-0.180	0.033	-0.209	-0.206	0.003	0.0750
0.1000	-0.123	-0.153	-0.029	-0.192	-0.171	0.021	-0.204	-0.178	0.026	-0.218	-0.191	0.028	-0.209	-0.215	-0.006	0.1000
0.1500	-0.128	-0.146	-0.018	-0.191	-0.182	0.008	-0.198	-0.188	0.010	-0.212	-0.205	0.007	-0.203	-0.224	-0.021	0.1500
0.2000	-0.159	-0.165	-0.006	-0.194	-0.194	-0.001	-0.200	-0.194	0.006	-0.208	-0.215	-0.008	-0.200	-0.229	-0.028	0.2000
0.3000	-0.174	-0.202	-0.027	-0.203	-0.209	-0.006	-0.210	-0.215	-0.005	-0.202	-0.225	-0.022	-0.207	-0.228	-0.021	0.3000
0.4000	-0.197	-0.180	0.017	-0.219	-0.207	0.013	-0.215	-0.223	-0.008	-0.202	-0.218	-0.017	-0.222	-0.225	-0.003	0.4000
0.5000	-0.209	-0.208	0.000	-0.229	-0.221	0.008	-0.211	-0.224	-0.013	-0.212	-0.217	-0.005	-0.235	-0.223	0.012	0.5000
0.6000	-0.215	-0.212	0.003	-0.220	-0.223	-0.002	-0.220			-0.226	-0.221	0.004	-0.248	-0.226	0.022	0.6000
0.6170								-0.222								0.6170
0.7000	-0.219	-0.228	-0.010	-0.221	-0.222	-0.001	-0.227	-0.228		-0.241	-0.224	0.017	-0.260			0.7000
0.7100														-0.225		0.7100
0.8000	-0.238	-0.216	0.021	-0.243	-0.221	0.022	-0.242	-0.217	0.025	-0.258	-0.217	0.041	-0.266			0.8000
0.8100														-0.232		0.8100
0.9000	-0.258	-0.210	0.048	-0.265	-0.208	0.057	-0.276	-0.203	0.073	-0.261	-0.225	0.035	-0.267			0.9000
1.0000	-0.280	-0.210	0.070	-0.288	-0.183	0.104	-0.331	-0.185	0.145	-0.250	-0.248	0.002	-0.265	-0.271	-0.003	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6^{\circ}$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.297		α = 11.94							
0.0000	-0.202	-0.169	0.032	-0.083	-0.183	-0.099	-0.097	-0.270	-0.172	-0.072	-0.242	-0.171	-0.181	-0.259		0.0000
0.0125	-0.197	-0.196	0.001	-0.107	-0.222	-0.114	-0.122	-0.254	-0.132	-0.139	-0.226	-0.087		-0.223		0.0125
0.0250	-0.192	-0.208	-0.016	-0.130	-0.242	-0.111	-0.146	-0.240	-0.094	-0.185	-0.213	-0.029	-0.208	-0.202	0.006	0.0250
0.0500	-0.178	-0.188	-0.010	-0.174	-0.225	-0.051	-0.198	-0.218	-0.020	-0.210	-0.201	0.010	-0.222	-0.208	0.014	0.0500
0.0750	-0.178	-0.203	-0.026	-0.229	-0.231	-0.003	-0.223	-0.218	0.005	-0.229	-0.198	0.031	-0.224	-0.213	0.011	0.0750
0.1000	-0.193	-0.224	-0.030	-0.256	-0.235	0.021	-0.244	-0.213	0.030	-0.239	-0.208	0.031	-0.223	-0.224	-0.001	0.1000
0.1500	-0.212	-0.224	-0.012	-0.260	-0.248	0.012	-0.246	-0.225	0.022	-0.233	-0.219	0.014	-0.220	-0.234	-0.014	0.1500
0.2000	-0.229	-0.232	-0.003	-0.258	-0.258		-0.248	-0.236	0.012	-0.225	-0.227	-0.001	-0.222	-0.239	-0.017	0.2000
0.3000	-0.244	-0.259	-0.015	-0.265	-0.271	-0.006	-0.250	-0.256	-0.006	-0.225	-0.240	-0.015	-0.239	-0.251	-0.012	0.3000
0.4000	-0.262	-0.241	0.020	-0.281	-0.281	0.000	-0.246	-0.262	-0.016	-0.241	-0.254	-0.012	-0.257	-0.256	0.001	0.4000
0.5000	-0.266	-0.271	-0.005	-0.284	-0.277	0.007	-0.264	-0.277	-0.013	-0.257	-0.269	-0.012	-0.271	-0.260	0.011	0.5000
0.6000	-0.268	-0.263	0.005	-0.287	-0.291	-0.004	-0.285			-0.275	-0.276	-0.001	-0.286	-0.261	0.025	0.6000
0.6170								-0.290								0.6170
0.7000	-0.276	-0.274	0.002	-0.304	-0.307	-0.004	-0.295	-0.293	0.002	-0.291	-0.278	0.013	-0.283			0.7000
0.7100														-0.259		0.7100
0.8000	-0.297	-0.283	0.014	-0.314	-0.293	0.021	-0.306	-0.284	0.022	-0.310	-0.266	0.045	-0.243			0.8000
0.8100														-0.243		0.8100
0.9000	-0.312	-0.270	0.042	-0.286	-0.268	0.018	-0.329	-0.264	0.065	-0.306	-0.270	0.037	-0.236			0.9000
1.0000	-0.323	-0.237	0.085	-0.219	-0.230	-0.011	-0.363	-0.232	0.132	-0.278	-0.290	-0.011	-0.261	-0.174	0.061	1.0000
							M = 1.300		α = 15.87							
0.0000	-0.264	-0.201	0.063	-0.133	-0.187	-0.054	-0.066	-0.236	-0.170	-0.022	-0.196	-0.175	-0.157	-0.223		0.0000
0.0125	-0.267	-0.243	0.025	-0.158	-0.256	-0.098	-0.110	-0.258	-0.148	-0.098	-0.209	-0.111		-0.205		0.0125
0.0250	-0.267	-0.265	0.002	-0.182	-0.297	-0.115	-0.148	-0.270	-0.122	-0.150	-0.214	-0.064	-0.194	-0.194		0.0250
0.0500	-0.256	-0.251	0.005	-0.226	-0.294	-0.068	-0.207	-0.266	-0.059	-0.181	-0.204	-0.023	-0.215	-0.196	0.019	0.0500
0.0750	-0.242	-0.260	-0.018	-0.282	-0.300	-0.018	-0.243	-0.272	-0.029	-0.209	-0.197	0.012	-0.221	-0.198	0.022	0.0750
0.1000	-0.251	-0.284	-0.033	-0.311	-0.310	0.001	-0.276	-0.272	0.004	-0.226	-0.206	0.021	-0.224	-0.215	0.009	0.1000
0.1500	-0.281	-0.291	-0.009	-0.343	-0.328	0.014	-0.298	-0.291	0.006	-0.234	-0.216	0.018	-0.229	-0.226	0.003	0.1500
0.2000	-0.286	-0.289	-0.003	-0.345	-0.340	0.005	-0.313	-0.306	0.008	-0.235	-0.229	0.005	-0.235	-0.238	-0.004	0.2000
0.3000	-0.306	-0.313	-0.007	-0.352	-0.355	-0.003	-0.327	-0.322	0.005	-0.252	-0.258	-0.007	-0.252	-0.256	-0.004	0.3000
0.4000	-0.322	-0.304	0.018	-0.361	-0.364	-0.003	-0.325	-0.327	-0.002	-0.283	-0.285	-0.002	-0.263	-0.263	0.000	0.4000
0.5000	-0.331	-0.336	-0.005	-0.373	-0.364	0.009	-0.353	-0.367	-0.014	-0.310	-0.310	0.001	-0.253	-0.257	-0.004	0.5000
0.6000	-0.332	-0.335	-0.002	-0.356	-0.356	0.000	-0.392			-0.336	-0.322	0.013	-0.259	-0.233	0.026	0.6000
0.6170								-0.397								0.6170
0.7000	-0.342	-0.343	-0.001	-0.386	-0.394	-0.008	-0.408	-0.409	-0.001	-0.349	-0.334	0.016	-0.276			0.7000
0.7100														-0.224		0.7100
0.8000	-0.345	-0.329	0.016	-0.408	-0.401	0.007	-0.395	-0.401	-0.006	-0.305	-0.319	-0.013	-0.256			0.8000
0.8100														-0.220		0.8100
0.9000	-0.344	-0.310	0.034	-0.368	-0.350	0.017	-0.203	-0.345	-0.142	-0.204	-0.251	-0.047	-0.204			0.9000
1.0000	-0.340	-0.287	0.053	-0.264	-0.242	0.022	0.169	-0.239	-0.408	-0.045	-0.130	-0.085	-0.121	-0.223	-0.018	1.0000
							M = 1.498		α = 03.73							
0.0000	-0.031	-0.023	0.008	-0.009	-0.089	-0.080	-0.018	-0.156	-0.138	-0.006	-0.145	-0.139	-0.054	-0.141		0.0000
0.0125	-0.039	-0.040	-0.001	-0.024	-0.103	-0.080	-0.042	-0.140	-0.099	-0.059	-0.134	-0.076		-0.116		0.0125
0.0250	-0.042	-0.047	-0.005	-0.037	-0.108	-0.071	-0.063	-0.128	-0.065	-0.094	-0.124	-0.030	-0.103	-0.102	0.001	0.0250
0.0500	-0.034	-0.035	-0.001	-0.062	-0.092	-0.030	-0.097	-0.112	-0.015	-0.115	-0.106	0.009	-0.126	-0.106	0.019	0.0500
0.0750	-0.038	-0.056	-0.018	-0.100	-0.091	0.009	-0.115	-0.112	0.003	-0.130	-0.104	0.026	-0.124	-0.109	0.015	0.0750
0.1000	-0.051	-0.070	-0.020	-0.112	-0.092	0.020	-0.123	-0.105	0.018	-0.140	-0.115	0.025	-0.127	-0.115	0.012	0.1000
0.1500	-0.057	-0.071	-0.013	-0.110	-0.104	0.006	-0.120	-0.114	0.006	-0.140	-0.123	0.017	-0.130	-0.126	0.004	0.1500
0.2000	-0.075	-0.086	-0.010	-0.114	-0.115	-0.001	-0.124	-0.122	0.002	-0.132	-0.131	0.002	-0.129	-0.138	-0.009	0.2000
0.3000	-0.102	-0.119	-0.017	-0.116	-0.124	-0.008	-0.130	-0.136	-0.006	-0.129	-0.134	-0.005	-0.133	-0.142	-0.009	0.3000
0.4000	-0.118	-0.102	0.016	-0.127	-0.125	0.002	-0.141	-0.141	0.000	-0.131	-0.138	-0.007	-0.146	-0.145	0.001	0.4000
0.5000	-0.125	-0.125	0.000	-0.140	-0.131	0.009	-0.148	-0.142	0.006	-0.134	-0.142	-0.008	-0.154	-0.144	0.010	0.5000
0.6000	-0.125	-0.127	-0.002	-0.141	-0.139	0.002	-0.148			-0.142	-0.140	0.003	-0.162	-0.144	0.018	0.6000
0.6170								-0.145								0.6170
0.7000	-0.132	-0.132	-0.001	-0.145	-0.142	0.003	-0.145	-0.142	0.002	-0.149	-0.138	0.011	-0.169			0.7000
0.7100									0.015	-0.163	-0.133	0.030	-0.172	-0.141		0.7100
0.8000	-0.147	-0.135	0.012	-0.155	-0.137	0.018	-0.149	-0.133								0.8000
0.8100														-0.149		0.8100
0.9000	-0.158	-0.132	0.026	-0.176	-0.126	0.049	-0.175	-0.121	0.054	-0.169	-0.138	0.031	-0.174			0.9000
1.0000	-0.164	-0.121	0.043	-0.207	-0.109	0.098	-0.222	-0.104	0.118	-0.168	-0.153	0.014	-0.173	-0.197	-0.023	1.0000

A 4 4 1 6

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.697		α = 03.88							
0.0000	-0.061	+0.062		-0.049	-0.067	-0.018	-0.004	-0.106	-0.102	0.048	-0.068	-0.116	-0.043	-0.100		0.0000
0.0125	-0.062	+0.057	0.005	-0.031	-0.076	-0.045	-0.022	-0.104	-0.083	-0.006	-0.083	-0.077		-0.081		0.0125
0.0250	-0.060	+0.053	0.008	-0.023	-0.081	-0.058	-0.039	-0.102	-0.063	-0.044	-0.090	-0.046	-0.064	-0.069	-0.005	0.0250
0.0500	-0.051	+0.046	0.005	-0.033	-0.079	-0.046	-0.071	-0.095	-0.024	-0.070	-0.080	-0.010	-0.079	-0.069	0.009	0.0500
0.0750	-0.051	+0.059	-0.009	-0.076	-0.085	-0.009	-0.099	-0.097	0.002	-0.090	-0.078	0.012	-0.087	-0.074	0.014	0.0750
0.1000	-0.060	+0.070	-0.009	-0.101	-0.092	0.010	-0.107	-0.088	0.019	-0.106	-0.087	0.019	-0.095	-0.084	0.011	0.1000
0.1500	-0.072	+0.076	-0.003	-0.107	-0.098	0.009	-0.112	-0.098	0.014	-0.113	-0.095	0.018	-0.103	-0.095	0.008	0.1500
0.2000	-0.086	+0.086	0.000	-0.108	-0.107	0.000	-0.110	-0.101	0.009	-0.114	-0.103	0.011	-0.108	-0.101	0.007	0.2000
0.3000	-0.094	+0.107	-0.013	-0.110	-0.118	-0.008	-0.108	-0.117	-0.009	-0.111	-0.111		-0.114	-0.110	0.003	0.3000
0.4000	-0.107	+0.102	0.005	-0.118	-0.125	-0.007	-0.118	-0.126	-0.007	-0.114	-0.113	0.001	-0.122	-0.116	0.006	0.4000
0.5000	-0.111	+0.114	-0.003	-0.129	-0.127	0.003	-0.122	-0.125	-0.003	-0.117	-0.117		-0.130	-0.121	0.009	0.5000
0.6000	-0.114	+0.119	-0.004	-0.128	-0.128	0.000	-0.123			-0.127	-0.122	0.005	-0.140	-0.124	0.016	0.6000
0.6170								-0.123								0.6170
0.7000	-0.127	+0.123	0.004	-0.132	-0.131	0.002	-0.130	-0.123	0.007	-0.138	-0.124	0.014	-0.148			0.7000
0.7100														-0.124		0.7100
0.8000	-0.136	+0.128	0.008	-0.136	-0.128	0.008	-0.136	-0.117	0.019	-0.150	-0.122	0.028	-0.149			0.8000
0.8100														-0.124		0.8100
0.9000	-0.142	+0.129	0.013	-0.146	-0.118	0.028	-0.153	-0.109	0.044	-0.150	-0.127	0.023	-0.147			0.9000
1.0000	-0.146	+0.126	0.020	-0.164	-0.102	0.061	-0.182	-0.099	0.083	-0.140	-0.138	0.002	-0.141	-0.128	0.019	1.0000
							M = 1.904		α = 04.08							
0.0000	-0.046	-0.013	0.033	0.020	-0.031	-0.051	0.046	-0.038	-0.085	0.077	-0.009	-0.086	0.005	-0.042		0.0000
0.0125	-0.048	-0.030	0.018	0.010	-0.041	-0.051	0.025	-0.046	-0.071	0.026	-0.037	-0.063		-0.035		0.0125
0.0250	-0.048	-0.039	0.009	0.003	-0.048	-0.051	0.005	-0.051	-0.056	-0.009	-0.053	-0.043	-0.020	-0.031	-0.010	0.0250
0.0500	-0.044	-0.031	0.013	-0.003	-0.054	-0.051	-0.028	-0.053	-0.025	-0.033	-0.049	-0.016	-0.037	-0.033	0.004	0.0500
0.0750	-0.039	-0.043	-0.004	-0.058	-0.058		-0.052	-0.058	-0.006	-0.052	-0.050	0.002	-0.045	-0.039	0.007	0.0750
0.1000	-0.046	-0.055	-0.008	-0.069	-0.065	0.004	-0.063	-0.057	0.006	-0.068	-0.059	0.008	-0.053	-0.050	0.003	0.1000
0.1500	-0.062	-0.062	-0.001	-0.081	-0.076	0.005	-0.073	-0.067	0.006	-0.078	-0.070	0.008	-0.066	-0.062	0.004	0.1500
0.2000	-0.070	-0.070	0.000	-0.087	-0.086	0.001	-0.082	-0.074	0.007	-0.087	-0.079	0.008	-0.075	-0.071	0.004	0.2000
0.3000	-0.078	-0.087	-0.008	-0.090	-0.093	-0.004	-0.091	-0.095	-0.004	-0.092	-0.092	0.000	-0.086	-0.083	0.002	0.3000
0.4000	-0.089	-0.082	0.008	-0.097	-0.102	-0.005	-0.099	-0.100	-0.001	-0.100	-0.095	0.005	-0.096	-0.090	0.006	0.4000
0.5000	-0.090	-0.100	-0.009	-0.102	-0.104	-0.002	-0.103	-0.105	-0.002	-0.102	-0.100	0.002	-0.107	-0.096	0.011	0.5000
0.6000	-0.094	-0.102	-0.009	-0.105	-0.105	0.000	-0.110			-0.109	-0.102	0.006	-0.117	-0.098	0.019	0.6000
0.6170								-0.111								0.6170
0.7000	-0.105	-0.105		-0.107	-0.106	0.001	-0.114	-0.111	0.003	-0.117	-0.104	0.012	-0.125			0.7000
0.7100														-0.100		0.7100
0.8000	-0.115	-0.108	0.007	-0.110	-0.109	0.002	-0.117	-0.104	0.013	-0.128	-0.104	0.024	-0.129			0.8000
0.8100														-0.106		0.8100
0.9000	-0.122	-0.106	0.016	-0.123	-0.105	0.018	-0.119	-0.097	0.022	-0.129	-0.107	0.022	-0.127			0.9000
1.0000	-0.126	-0.100	0.025	-0.146	-0.095	0.052	-0.119	-0.088	0.031	-0.122	-0.114	0.008	-0.121	-0.127	0.001	1.0000
							M = 2.225		α = -03.78							
0.0000	0.046	0.093	0.047	0.114	0.090	-0.024	0.149	0.080	-0.069	0.206	0.142	-0.064	0.136	0.067		0.0000
0.0125	0.041	0.068	0.027	0.112	0.078	-0.034	0.129	0.067	-0.062	0.146	0.093	-0.053		0.086		0.0125
0.0250	0.037	0.053	0.016	0.109	0.067	-0.042	0.109	0.058	-0.051	0.106	0.064	-0.042	0.102	0.095	-0.007	0.0250
0.0500	0.036	0.051	0.015	0.099	0.052	-0.048	0.072	0.050	-0.022	0.082	0.063	-0.019	0.080	0.083	0.004	0.0500
0.0750	0.043	0.048	0.005	0.040	0.035	-0.005	0.044	0.040	-0.003	0.056	0.060	0.004	0.069	0.076	0.007	0.0750
0.1000	0.041	0.034	-0.007	0.025	0.028	0.003	0.029	0.038	0.009	0.039	0.047	0.008	0.058	0.060	0.002	0.1000
0.1500	0.019	0.027	0.009	0.010	0.019	0.009	0.013	0.023	0.010	0.021	0.035	0.013	0.043	0.042	-0.001	0.1500
0.2000	0.021	0.022	0.001	0.002	0.007	0.004	0.003	0.010	0.007	0.010	0.019	0.010	0.031	0.031	0.000	0.2000
0.3000	0.010	0.015	0.005	-0.005	-0.004	0.001	-0.009	-0.006	0.003	-0.001	0.003	0.003	0.014	0.016	0.002	0.3000
0.4000	0.001	0.010	0.010	-0.009	-0.014	-0.005	-0.018	-0.017	0.002	-0.010	-0.002	0.008	-0.001	0.006	0.007	0.4000
0.5000	-0.004	-0.007	-0.003	-0.020	-0.019	0.001	-0.026	-0.022	0.004	-0.017	-0.013	0.004	-0.013	-0.001	0.012	0.5000
0.6000	-0.006	-0.011	-0.005	-0.023	-0.019	0.004	-0.029			-0.028	-0.020	0.007	-0.025	-0.005	0.021	0.6000
0.6170								-0.029								0.6170
0.7000	-0.015	-0.015		-0.027	-0.026	0.001	-0.032	-0.029	0.003	-0.038	-0.024	0.014	-0.034			0.7000
0.7100														-0.008		0.7100
0.8000	-0.026	-0.018	0.008	-0.027	-0.023	0.004	-0.034	-0.025	0.009	-0.047	-0.022	0.025	-0.041			0.8000
0.8100														-0.014		0.8100
0.9000	-0.035	-0.018	0.017	-0.037	-0.012	0.025	-0.048	-0.015	0.034	-0.047	-0.025	0.022	-0.037			0.9000
1.0000	-0.044	-0.016	0.027	-0.057	0.007	0.064	-0.075	0.002	0.077	-0.038	-0.033	0.005	-0.023	-0.034	0.004	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 2.228 α = 00.35															
0.0000	-0.006	0.032	0.038	0.098	0.030	-0.067	0.100	0.043	-0.058	0.147	0.087	-0.060	0.085	0.052		0.0000
0.0125	-0.003	0.019	0.022	0.075	0.035	-0.040	0.082	0.029	-0.053	0.094	0.049	-0.045		0.051		0.0125
0.0250	-0.001	0.011	0.011	0.061	0.035	-0.027	0.064	0.018	-0.045	0.058	0.025	-0.033	0.055	0.049	-0.006	0.0250
0.0500	0.001	0.010	0.009	0.060	0.017	-0.043	0.030	0.009	-0.021	0.037	0.022	-0.015	0.035	0.040	0.005	0.0500
0.0750	0.004	0.007	0.003	-0.003	-0.002	0.001	0.007	0.002	-0.005	0.014	0.018	0.004	0.027	0.031	0.004	0.0750
0.1000	0.000	-0.001	-0.002	-0.015	-0.013	0.003	-0.008	-0.001	0.007	0.001	0.006	0.005	0.018	0.021	0.003	0.1000
0.1500	-0.013	-0.009	0.004	-0.028	-0.019	0.009	-0.020	-0.015	0.005	-0.015	-0.006	0.010	0.004	0.005	0.002	0.1500
0.2000	-0.019	-0.016	0.003	-0.037	-0.032	0.005	-0.032	-0.024	0.007	-0.026	-0.016	0.010	-0.006	-0.005	0.002	0.2000
0.3000	-0.028	-0.025	0.003	-0.041	-0.040	0.001	-0.041	-0.043	-0.002	-0.035	-0.032	0.003	-0.021	-0.020	0.001	0.3000
0.4000	-0.038	-0.028	0.010	-0.047	-0.048	-0.001	-0.051	-0.050	0.001	-0.045	-0.037	0.007	-0.035	-0.026	0.009	0.4000
0.5000	-0.040	-0.042	-0.002	-0.055	-0.053	0.002	-0.057	-0.056	0.000	-0.051	-0.046	0.004	-0.045	-0.033	0.012	0.5000
0.6000	-0.044	-0.046	-0.002	-0.057	-0.054	0.003	-0.059			-0.060	-0.052	0.008	-0.056	-0.038	0.018	0.6000
0.6170								-0.059								0.6170
0.7000	-0.051	-0.052	-0.001	-0.062	-0.061	0.001	-0.062	-0.061	0.001	-0.068	-0.056	0.011	-0.062			0.7000
0.7100														-0.040		0.7100
0.8000	-0.058	-0.054	0.003	-0.062	-0.057	0.005	-0.063	-0.059	0.004	-0.077	-0.055	0.022	-0.069			0.8000
0.8100														-0.048		0.8100
0.9000	-0.066	-0.055	0.011	-0.068	-0.047	0.021	-0.076	-0.049	0.027	-0.078	-0.056	0.022	-0.067			0.9000
1.0000	-0.076	-0.053	0.023	-0.080	-0.030	0.050	-0.099	-0.031	0.068	-0.071	-0.060	0.011	-0.057	-0.075	-0.009	1.0000
	M = 2.228 α = 04.28															
0.0000	-0.025	-0.001	0.024	-0.035	0.042	0.078	0.061	0.015	-0.046	0.089	0.046	-0.043	0.045	-0.043		0.0000
0.0125	-0.029	-0.016	0.013	0.010	0.019	0.009	0.045	0.000	-0.044	0.050	0.015	-0.035		-0.008		0.0125
0.0250	-0.031	-0.025	0.006	0.036	0.001	-0.035	0.029	-0.010	-0.039	0.023	-0.004	-0.027	0.018	0.012	-0.006	0.0250
0.0500	-0.032	-0.026	0.006	0.031	-0.015	-0.046	-0.002	-0.018	-0.016	0.002	-0.010	-0.012		0.005	0.005	0.0500
0.0750	-0.030	-0.026	0.004	-0.029	-0.031	-0.002	-0.023	-0.029	-0.006	-0.016	-0.013	0.002	-0.008	-0.003	0.006	0.0750
0.1000	-0.030	-0.034	-0.004	-0.042	-0.040	0.002	-0.037	-0.033	0.004	-0.031	-0.025	0.006	-0.014	-0.013	0.001	0.1000
0.1500	-0.039	-0.044	-0.004	-0.059	-0.047	0.012	-0.049	-0.045	0.004	-0.045	-0.037	0.008	-0.029	-0.026	0.003	0.1500
0.2000	-0.050	-0.048	0.001	-0.066	-0.059	0.006	-0.060	-0.053	0.007	-0.052	-0.047	0.004	-0.037	-0.036	0.001	0.2000
0.3000	-0.055	-0.055	0.001	-0.070	-0.070	0.000	-0.071	-0.073	-0.002	-0.062	-0.061	0.002	-0.051	-0.048	0.003	0.3000
0.4000	-0.068	-0.062	0.006	-0.076	-0.079	-0.003	-0.079	-0.079	0.000	-0.070	-0.063	0.007	-0.061	-0.058	0.004	0.4000
0.5000	-0.070	-0.075	-0.005	-0.085	-0.082	0.003	-0.084	-0.083	0.002	-0.076	-0.073	0.003	-0.071	-0.062	0.009	0.5000
0.6000	-0.075	-0.077	-0.003	-0.086	-0.086	0.000	-0.089			-0.084	-0.080	0.004	-0.082	-0.066	0.016	0.6000
0.6170								-0.087								0.6170
0.7000	-0.080	-0.081	-0.001	-0.088	-0.087	0.001	-0.090	-0.089	0.002	-0.093	-0.083	0.010	-0.089			0.7000
0.7100														-0.069		0.7100
0.8000	-0.088	-0.083	0.005	-0.090	-0.087	0.003	-0.089	-0.086	0.003	-0.100	-0.082	0.018	-0.094			0.8000
0.8100														-0.074		0.8100
0.9000	-0.095	-0.084	0.010	-0.096	-0.081	0.015	-0.104	-0.075	0.029	-0.102	-0.083	0.019	-0.092			0.9000
1.0000	-0.100	-0.086	0.014	-0.107	-0.069	0.038	-0.134	-0.055	0.079	-0.099	-0.088	0.011	-0.084	-0.095	-0.003	1.0000
	M = 2.235 α = 08.35															
0.0000	-0.065	-0.041	0.024	-0.039	-0.004	0.035	0.042	-0.001	-0.043	0.070	0.028	-0.042	0.027	-0.014		0.0000
0.0125	-0.065	-0.049	0.016	-0.011	-0.012	-0.001	0.027	-0.014	-0.041	0.029	-0.003	-0.032		-0.009		0.0125
0.0250	-0.065	-0.055	0.011	0.008	-0.019	-0.027	0.011	-0.024	-0.035	0.001	-0.023	-0.024	-0.005	-0.007	-0.003	0.0250
0.0500	-0.068	-0.063	0.006	0.018	-0.035	-0.054	-0.019	-0.035	-0.016	-0.019	-0.029	-0.010	-0.024	-0.017	0.007	0.0500
0.0750	-0.066	-0.058	0.008	-0.050	-0.055	-0.005	-0.039	-0.046	-0.007	-0.021	-0.034	-0.013	-0.030	-0.024	0.006	0.0750
0.1000	-0.064	-0.065	-0.002	-0.065	-0.066	-0.001	-0.050	-0.048	0.002	-0.048	-0.044	0.004	-0.037	-0.033	0.004	0.1000
0.1500	-0.073	-0.074	-0.001	-0.081	-0.075	0.006	-0.064	-0.059	0.006	-0.052	-0.053	-0.001	-0.048	-0.047	0.001	0.1500
0.2000	-0.079	-0.077	0.002	-0.089	-0.084	0.005	-0.075	-0.067	0.007	-0.063	-0.066	-0.003	-0.055	-0.053	0.002	0.2000
0.3000	-0.086	-0.082	0.004	-0.093	-0.092	0.001	-0.087	-0.088	-0.001	-0.077	-0.076	0.001	-0.068	-0.065	0.002	0.3000
0.4000	-0.093	-0.089	0.005	-0.098	-0.098	-0.001	-0.095	-0.097	-0.001	-0.084	-0.078	0.006	-0.078	-0.073	0.005	0.4000
0.5000	-0.097	-0.096	0.001	-0.104	-0.103	0.001	-0.103	-0.100	0.003	-0.091	-0.088	0.002	-0.086	-0.078	0.008	0.5000
0.6000	-0.098	-0.100	-0.002	-0.108	-0.106	0.002	-0.107			-0.100	-0.095	0.005	-0.096	-0.081	0.015	0.6000
0.6170								-0.104								0.6170
0.7000	-0.100	-0.102	-0.003	-0.113	-0.108	0.004	-0.109	-0.107	0.002	-0.107	-0.098	0.009	-0.101			0.7000
0.7100														-0.084		0.7100
0.8000	-0.105	-0.104	0.001	-0.112	-0.108	0.004	-0.111	-0.105	0.006	-0.115	-0.097	0.019	-0.107			0.8000
0.8100														-0.090		0.8100
0.9000	-0.111	-0.106	0.005	-0.120	-0.104	0.017	-0.122	-0.101	0.021	-0.119	-0.100	0.019	-0.106			0.9000
1.0000	-0.116	-0.109	0.007	-0.138	-0.094	0.044	-0.141	-0.095	0.046	-0.117	-0.108	0.010	-0.099	-0.109	-0.003	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$ - Concluded

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M= 2.235		α = 12.29							
0.0000	-0.077	-0.073	0.004	-0.069	-0.011	0.059	0.024	-0.009	-0.033	0.063	0.031	-0.031	0.009	-0.100		0.0000
0.0125	-0.090	-0.079	0.011	-0.039	-0.029	0.010	0.006	-0.028	-0.034	0.017	-0.009	-0.026		-0.050		0.0125
0.0250	-0.099	-0.085	0.014	-0.020	-0.044	-0.024	-0.010	-0.042	-0.032	-0.015	-0.036	-0.021	-0.021	-0.023	-0.002	0.0250
0.0500	-0.105	-0.098	0.007	-0.012	-0.063	-0.051	-0.040	-0.057	-0.017	-0.034	-0.047	-0.013	-0.039	-0.035	0.004	0.0500
0.0750	-0.105	-0.100	0.005	-0.065	-0.082	-0.017	-0.061	-0.069	-0.007	-0.051	-0.051	0.000	-0.045	-0.041	0.004	0.0750
0.1000	-0.103	-0.099	0.003	-0.087	-0.092	-0.004	-0.074	-0.074	0.000	-0.065	-0.062	0.002	-0.051	-0.050	0.001	0.1000
0.1500	-0.111	-0.112	-0.001	-0.110	-0.101	0.009	-0.085	-0.083	0.002	-0.077	-0.070	0.008	-0.065	-0.062	0.002	0.1500
0.2000	-0.114	-0.114	-0.001	-0.117	-0.116	0.001	-0.094	-0.089	0.005	-0.085	-0.080	0.004	-0.072	-0.069	0.002	0.2000
0.3000	-0.119	-0.117	0.002	-0.123	-0.125	-0.002	-0.103	-0.105	-0.001	-0.093	-0.091	0.002	-0.083	-0.081	0.002	0.3000
0.4000	-0.125	-0.123	0.003	-0.127	-0.132	-0.004	-0.114	-0.115	-0.001	-0.100	-0.093	0.006	-0.094	-0.088	0.006	0.4000
0.5000	-0.129	-0.127	0.001	-0.133	-0.135	-0.002	-0.122	-0.121	0.001	-0.105	-0.103	0.002	-0.101	-0.093	0.008	0.5000
0.6000	-0.129	-0.130	-0.001	-0.138	-0.136	0.002	-0.126			-0.112	-0.107	0.005	-0.109	-0.095	0.014	0.6000
0.6170								-0.126								0.6170
0.7000	-0.128	-0.132	-0.004	-0.142	-0.141	0.001	-0.129	-0.129	0.000	-0.120	-0.111	0.008	-0.113			0.7000
0.7100														-0.097		0.7100
0.8000	-0.134	-0.135		-0.141	-0.139	0.002	-0.134	-0.127	0.006	-0.127	-0.110	0.017	-0.118			0.8000
0.8100														-0.101		0.8100
0.9000	-0.139	-0.132	0.006	-0.145	-0.130	0.015	-0.142	-0.124	0.018	-0.130	-0.114	0.016	-0.117			0.9000
1.0000	-0.140	-0.125	0.016	-0.154	-0.113	0.041	-0.155	-0.119	0.036	-0.127	-0.123	0.004	-0.111	-0.115	0.003	1.0000
							M = 2.232		α = 16.26							
0.0000	-0.099	-0.090	0.009	-0.049	-0.029	0.020	0.009	-0.031	-0.040	0.052	0.032	-0.020	0.188	-0.039		0.0000
0.0125	-0.110	-0.102	0.008	-0.052	-0.054	-0.002	-0.014	-0.052	-0.037	0.005	-0.016	-0.021		-0.034		0.0125
0.0250	-0.118	-0.112	0.007	-0.051	-0.072	-0.021	-0.035	-0.068	-0.033	-0.028	-0.048	-0.020	-0.034	-0.033	0.000	0.0250
0.0500	-0.126	-0.123	0.003	-0.034	-0.086	-0.052	-0.066	-0.083	-0.017	-0.049	-0.060	-0.011	-0.116	-0.048	0.068	0.0500
0.0750	-0.126	-0.121	0.005	-0.093	-0.104	-0.011	-0.087	-0.097	-0.010	-0.068	-0.069	-0.001	-0.059	-0.057	0.002	0.0750
0.1000	-0.124	-0.124	0.000	-0.109	-0.117	-0.008	-0.098	-0.100	-0.002	-0.082	-0.080	0.002	-0.066	-0.066	0.000	0.1000
0.1500	-0.132	-0.133	-0.001	-0.130	-0.124	0.006	-0.109	-0.110	-0.001	-0.094	-0.090	0.004	-0.077	-0.078	-0.001	0.1500
0.2000	-0.136	-0.135	0.001	-0.137	-0.136	0.000	-0.117	-0.117	0.000	-0.104	-0.100	0.004	-0.086	-0.088	-0.002	0.2000
0.3000	-0.140	-0.137	0.004	-0.146	-0.146	-0.001	-0.125	-0.129	-0.004	-0.109	-0.108	0.002	-0.098	-0.097	0.001	0.3000
0.4000	-0.146	-0.142	0.004	-0.148	-0.154	-0.006	-0.134	-0.135	-0.002	-0.117	-0.109	0.007	-0.109	-0.103	0.005	0.4000
0.5000	-0.150	-0.146	0.004	-0.156	-0.157	-0.001	-0.140	-0.141	-0.001	-0.120	-0.120	0.000	-0.116	-0.108	0.008	0.5000
0.6000	-0.148	-0.149	-0.001	-0.160	-0.159	0.001	-0.146			-0.127	-0.123	0.004	-0.126	-0.110	0.015	0.6000
0.6170								-0.145								0.6170
0.7000	-0.147	-0.151	-0.004	-0.167	-0.162	0.005	-0.148	-0.148	0.000	-0.134	-0.126	0.008	-0.129			0.7000
0.7100														-0.112		0.7100
0.8000	-0.153	-0.152	0.001	-0.166	-0.164	0.003	-0.155	-0.147	0.008	-0.142	-0.125	0.017	-0.133			0.8000
0.8100														-0.116		0.8100
0.9000	-0.159	-0.152	0.006	-0.169	-0.157	0.012	-0.160	-0.143	0.017	-0.144	-0.123	0.020	-0.132			0.9000
1.0000	-0.164	-0.152	0.012	-0.176	-0.142	0.034	-0.163	-0.136	0.027	-0.140	-0.122	0.018	-0.126	-0.131	0.001	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.689		α = -04.33							
0.0000	-0.355	0.232	0.587	-0.900	0.336	1.236	-0.766	0.323	1.089	-0.684	0.452	1.136	-0.657	0.417		0.0000
0.0125	-0.284	0.194	0.478	-0.848	0.261	1.109	-0.793	0.271	1.065	-0.690	0.347	1.037		0.335		0.0125
0.0250	-0.235	0.165	0.400	-0.738	0.207	0.945	-0.802	0.230	1.032	-0.696	0.271	0.967		0.276		0.0250
0.0500	-0.207	0.134	0.341	-0.344	0.160	0.504	-0.763	0.180	0.943	-0.705	0.209	0.914	-0.640	0.221	0.861	0.0500
0.0750	-0.197	0.108	0.305	-0.317	0.117	0.434	-0.629	0.149	0.778	-0.689	0.179	0.867	-0.625	0.187	0.811	0.0750
0.1000	-0.195	0.091	0.286	-0.295	0.096	0.391	-0.524	0.126	0.650	-0.655	0.142	0.796	-0.605	0.156	0.761	0.1000
0.1500	-0.175	0.070	0.246	-0.251	0.067	0.318	-0.342	0.092	0.433	-0.578	0.111	0.689	-0.559	0.116	0.675	0.1500
0.2000	-0.183	0.053	0.235	-0.217	0.049	0.266	-0.253	0.071	0.324	-0.461	0.088	0.549	-0.498	0.097	0.595	0.2000
0.3000	-0.165	0.018	0.183	-0.190	0.031	0.221	-0.190	0.043	0.233	-0.257	0.063	0.320	-0.344	0.064	0.408	0.3000
0.4000	-0.165	0.010	0.175	-0.156	0.023	0.178	-0.161	0.032	0.193	-0.163	0.051	0.214	-0.209	0.042	0.251	0.4000
0.5000	-0.151	0.014	0.165	-0.142	0.020	0.162	-0.132	0.027	0.159	-0.129	0.044	0.172	-0.141	0.026	0.167	0.5000
0.6000	-0.115	0.007	0.122	-0.112	0.018	0.130	-0.102			-0.114	0.044	0.158	-0.102	0.014	0.116	0.6000
0.6170								0.032								0.6170
0.7000	-0.127	0.006	0.133	-0.093	0.030	0.123	-0.085	0.036	0.121	-0.097	0.041	0.138	-0.074			0.7000
0.7100														0.008		0.7100
0.8000		0.015		-0.062	0.043	0.105	-0.070	0.056	0.126	-0.057	0.037	0.095	-0.045			0.8000
0.8100														0.005		0.8100
0.9000	-0.062	0.031	0.093	-0.021			-0.036	0.047	0.083	-0.008	0.020	0.027	-0.026			0.9000
1.0000	0.015	0.055	0.040	0.031	0.070	0.039	0.015	0.007	-0.008	0.050	-0.013	-0.063	-0.018	0.007	0.033	1.0000
							M = 0.690		α = -00.25							
0.0000	-0.358	0.183	0.542	-0.873	0.324	1.196	-0.767	0.291	1.057	-0.667	0.338	1.005	-0.577	0.364		0.0000
0.0125	-0.301	0.141	0.442	-0.871	0.230	1.101	-0.786	0.239	1.024	-0.663	0.302	0.965		0.292		0.0125
0.0250	-0.263	0.110	0.373	-0.789	0.165	0.954	-0.794	0.198	0.992	-0.662	0.263	0.925		0.237		0.0250
0.0500	-0.246	0.083	0.330	-0.382	0.120	0.502	-0.778	0.153	0.931	-0.665	0.181	0.846	-0.592	0.180	0.772	0.0500
0.0750	-0.237	0.060	0.296	-0.347	0.085	0.432	-0.668	0.127	0.796	-0.666	0.162	0.828	-0.588	0.169	0.757	0.0750
0.1000	-0.238	0.047	0.285	-0.324	0.061	0.385	-0.577	0.110	0.688	-0.658	0.139	0.797	-0.577	0.133	0.710	0.1000
0.1500	-0.228	0.031	0.258	-0.279	0.045	0.323	-0.412	0.071	0.483	-0.606	0.117	0.723	-0.553	0.100	0.653	0.1500
0.2000	-0.222	0.018	0.240	-0.249	0.031	0.280	-0.268	0.052	0.321	-0.529	0.089	0.618	-0.513	0.082	0.595	0.2000
0.3000	-0.213	-0.014	0.200	-0.218	0.011	0.229	-0.202	0.036	0.238	-0.377	0.060	0.437	-0.358	0.052	0.410	0.3000
0.4000	-0.198	-0.015	0.183	-0.183	0.002	0.185	-0.165	0.022	0.187	-0.234	0.049	0.283	-0.223	0.029	0.253	0.4000
0.5000	-0.185	-0.011	0.174	-0.162	0.004	0.167	-0.138	0.017	0.155	-0.129	0.041	0.170	-0.152	0.014	0.166	0.5000
0.6000	-0.149	-0.009	0.140	-0.131	0.004	0.135	-0.113			-0.120	0.036	0.157	-0.111	0.001	0.112	0.6000
0.6170								0.020								0.6170
0.7000	-0.144	-0.008	0.136	-0.119	0.011	0.130	-0.095	0.026	0.122	-0.104	0.035	0.139	-0.083			0.7000
0.7100														-0.003		0.7100
0.8000		0.006		-0.088	0.024	0.112	-0.080	0.046	0.126	-0.072	0.030	0.103	-0.055			0.8000
0.8100														-0.006		0.8100
0.9000	-0.079	0.018	0.097	-0.040			-0.046	0.040	0.087	-0.013	0.008	0.021	-0.037			0.9000
1.0000	-0.019	0.029	0.048	0.027	0.069	0.042	0.006	0.009	0.003	0.075	-0.031	-0.106	-0.029	-0.009	0.029	1.0000
							M = 0.690		α = 03.83							
0.0000	-0.385	0.084	0.469	-0.868	0.275	1.143	-0.768	0.130	0.898	-0.642	0.240	0.882	-0.568	0.309		0.0000
0.0125	-0.331	0.086	0.416	-0.882	0.203	1.085	-0.779	0.190	0.969	-0.639	0.260	0.899		0.262		0.0125
0.0250	-0.294	0.081	0.374	-0.808	0.151	0.959	-0.785	0.212	0.998	-0.637	0.256	0.893		0.224		0.0250
0.0500	-0.272	0.052	0.323	-0.393	0.108	0.500	-0.782	0.143	0.925	-0.637	0.178	0.815	-0.549	0.173	0.723	0.0500
0.0750	-0.266	0.031	0.297	-0.354	0.073	0.427	-0.703	0.114	0.817	-0.640	0.155	0.795	-0.544	0.151	0.694	0.0750
0.1000	-0.262	0.024	0.287	-0.334	0.052	0.386	-0.612	0.097	0.709	-0.643	0.120	0.762	-0.540	0.134	0.674	0.1000
0.1500	-0.251	0.008	0.260	-0.287	0.029	0.315	-0.428	0.064	0.491	-0.618	0.088	0.706	-0.531	0.100	0.631	0.1500
0.2000	-0.244	0.001	0.245	-0.257	0.016	0.273	-0.264	0.046	0.310	-0.533	0.076	0.608	-0.501	0.079	0.580	0.2000
0.3000	-0.223	-0.021	0.201	-0.224	0.012	0.236	-0.194	0.029	0.223	-0.278	0.050	0.328	-0.360	0.051	0.411	0.3000
0.4000	-0.212	-0.021	0.192	-0.183	0.002	0.186	-0.169	0.023	0.192	-0.151	0.041	0.192	-0.237	0.030	0.267	0.4000
0.5000	-0.189	-0.009	0.180	-0.163	0.006	0.169	-0.137	0.016	0.153	-0.120	0.039	0.160	-0.167	0.017	0.184	0.5000
0.6000	-0.152	-0.005	0.147	-0.134	0.011	0.146	-0.116			-0.116	0.037	0.153	-0.120	0.001	0.121	0.6000
0.6170								0.024								0.6170
0.7000	-0.142	0.002	0.143	-0.110	0.020	0.130	-0.099	0.026	0.124	-0.108	0.034	0.142	-0.090			0.7000
0.7100														-0.002		0.7100
0.8000		0.011		-0.081	0.030	0.110	-0.079	0.042	0.121	-0.070	0.031	0.101	-0.057			0.8000
0.8100														-0.003		0.8100
0.9000	-0.076	0.028	0.104	-0.035			-0.054	0.042	0.095	-0.021	0.014	0.035	-0.039			0.9000
1.0000	-0.021	0.051	0.072	0.028	0.053	0.026	-0.022	0.023	0.046	0.039	-0.016	-0.055	-0.033	0.002	0.041	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 0.694 α = 07.56															
0.0000	-0.489	0.076	0.565	-0.913	0.232	1.145	-0.791	0.229	1.020	-0.653	0.322	0.975	-0.538	0.286		0.0000
0.0125	-0.435	0.089	0.524	-0.930	0.170	1.100	-0.802	0.191	0.994	-0.647	0.250	0.897		0.236		0.0125
0.0250	-0.391	0.065	0.476	-0.857	0.124	0.980	-0.809	0.159	0.968	-0.644	0.198	0.842		0.196		0.0250
0.0500	-0.331	0.026	0.357	-0.436	0.078	0.513	-0.805	0.112	0.917	-0.646	0.155	0.801	-0.538	0.152	0.690	0.0500
0.0750	-0.329	0.001	0.329	-0.391	0.040	0.431	-0.731	0.093	0.824	-0.651	0.130	0.781	-0.536	0.134	0.669	0.0750
0.1000	-0.324	-0.020	0.304	-0.379	0.021	0.400	-0.634	0.073	0.708	-0.653	0.098	0.751	-0.532	0.107	0.640	0.1000
0.1500	-0.292	-0.028	0.263	-0.310	0.002	0.312	-0.399	0.049	0.449	-0.643	0.077	0.720	-0.530	0.083	0.613	0.1500
0.2000	-0.288	-0.038	0.249	-0.290	-0.009	0.281	-0.268	0.024	0.292	-0.537	0.060	0.597	-0.506	0.060	0.567	0.2000
0.3000	-0.258	-0.058	0.200	-0.249	-0.018	0.232	-0.225	0.010	0.235	-0.292	0.045	0.337	-0.394	0.038	0.432	0.3000
0.4000	-0.238	-0.053	0.185	-0.214	-0.014	0.200	-0.191	0.005	0.196	-0.164	0.033	0.197	-0.273	0.019	0.292	0.4000
0.5000	-0.213	-0.032	0.181	-0.185	-0.006	0.179	-0.147	0.007	0.154	-0.143	0.028	0.171	-0.197		0.196	0.5000
0.6000	-0.163	-0.016	0.147	-0.152	0.000	0.152	-0.122			-0.122	0.026	0.148	-0.141	-0.007	0.134	0.6000
0.6170								0.013								0.6170
0.7000	-0.164	-0.012	0.153	-0.128	0.015	0.143	-0.105	0.017	0.122	-0.114	0.027	0.141	-0.097			0.7000
0.7100														-0.012		0.7100
0.8000		0.003		-0.098	0.027	0.125	-0.093	0.036	0.129	-0.074	0.024	0.098	-0.063			0.8000
0.8100														-0.016		0.8100
0.9000	-0.088	0.021	0.108	-0.040			-0.066	0.030	0.095	-0.032	0.010	0.042	-0.047			0.9000
1.0000	-0.011	0.042	0.053	0.045	0.040	-0.004	-0.024	-0.003	0.021	0.012	-0.014	-0.026	-0.049	-0.023	0.024	1.0000
	M = 0.693 α = 11.74															
0.0000	-0.546	0.026	0.572	-1.079	0.179	1.258	-0.857	0.184	1.041	-0.702	0.307	1.009	-0.589	0.271		0.0000
0.0125	-0.494	0.027	0.520	-1.013	0.127	1.140	-0.891	0.173	1.064	-0.700	0.236	0.936		0.221		0.0125
0.0250	-0.453	0.020	0.473	-0.890	0.087	0.977	-0.901	0.156	1.057	-0.699	0.184	0.883		0.182		0.0250
0.0500	-0.403	-0.015	0.389	-0.474	0.040	0.515	-0.851	0.104	0.955	-0.699	0.139	0.837	-0.556	0.137	0.693	0.0500
0.0750	-0.383	-0.046	0.336	-0.446	0.003	0.449	-0.693	0.073	0.767	-0.695	0.115	0.810	-0.549	0.128	0.677	0.0750
0.1000	-0.378	-0.070	0.308	-0.424	-0.019	0.404	-0.582	0.043	0.625	-0.690	0.092	0.782	-0.547	0.115	0.662	0.1000
0.1500	-0.344	-0.077	0.267	-0.359	-0.028	0.331	-0.389	0.026	0.415	-0.651	0.064	0.715	-0.544	0.076	0.620	0.1500
0.2000	-0.332	-0.087	0.246	-0.326	-0.043	0.283	-0.297	0.011	0.307	-0.561	0.046	0.607	-0.531	0.053	0.584	0.2000
0.3000	-0.295	-0.110	0.186	-0.290	-0.048	0.242	-0.242	-0.002	0.241	-0.273	0.032	0.306	-0.453	0.025	0.478	0.3000
0.4000	-0.270	-0.096	0.174	-0.235	-0.034	0.200	-0.208	-0.007	0.201	-0.171	0.018	0.188	-0.307	0.004	0.310	0.4000
0.5000	-0.234	-0.058	0.176	-0.203	-0.023	0.179	-0.174	-0.004	0.170	-0.143	0.015	0.159	-0.210	-0.003	0.207	0.5000
0.6000	-0.186	-0.045	0.141	-0.167	-0.021	0.146	-0.151			-0.141	0.015	0.157	-0.149	-0.016	0.132	0.6000
0.6170								0.002								0.6170
0.7000	-0.181	-0.034	0.148	-0.141	0.005	0.146	-0.127	0.009	0.136	-0.130	0.012	0.141	-0.122			0.7000
0.7100														-0.024		0.7100
0.8000		-0.013		-0.108	0.011	0.119	-0.110	0.027	0.137	-0.095	0.008	0.104	-0.081			0.8000
0.8100														-0.025		0.8100
0.9000	-0.104	0.008	0.113	-0.067			-0.082	0.016	0.098	-0.053	-0.012	0.041	-0.055			0.9000
1.0000	-0.032	0.031	0.063	-0.018	-0.036	-0.018	-0.042	-0.026	0.016	-0.003	-0.048	-0.045	-0.047	-0.012	0.043	1.0000
	M = 0.693 α = 15.76															
0.0000	-0.608	-0.067	0.541	-1.308	0.174	1.482	-0.941	0.185	1.126	-0.805	0.299	1.105	-0.649	0.264		0.0000
0.0125	-0.578	-0.040	0.538	-1.120	0.090	1.209	-1.021	0.144	1.165	-0.814	0.230	1.043		0.212		0.0125
0.0250	-0.543	-0.032	0.511	-0.928	0.029	0.957	-1.033	0.110	1.143	-0.817	0.178	0.995		0.173		0.0250
0.0500	-0.460	-0.075	0.385	-0.535	-0.021	0.515	-0.855	0.061	0.916	-0.809	0.127	0.937	-0.639	0.132	0.770	0.0500
0.0750	-0.454	-0.109	0.345	-0.521	-0.054	0.466	-0.666	0.031	0.697	-0.784	0.099	0.883	-0.634	0.111	0.745	0.0750
0.1000	-0.452	-0.129	0.323	-0.503	-0.069	0.434	-0.553	0.014	0.567	-0.735	0.068	0.803	-0.630	0.097	0.727	0.1000
0.1500	-0.413	-0.144	0.270	-0.421	-0.090	0.331	-0.426	-0.017	0.409	-0.643	0.049	0.692	-0.619	0.056	0.675	0.1500
0.2000	-0.394	-0.157	0.237	-0.390	-0.103	0.288	-0.364	-0.024	0.340	-0.475	0.033	0.507	-0.579	0.038	0.618	0.2000
0.3000	-0.357	-0.171	0.187	-0.323	-0.101	0.223	-0.302	-0.043	0.260	-0.272	0.016	0.288	-0.447	0.009	0.457	0.3000
0.4000	-0.316	-0.156	0.160	-0.274	-0.080	0.194	-0.249	-0.039	0.210	-0.235	0.003	0.237	-0.303	-0.012	0.291	0.4000
0.5000	-0.284	-0.121	0.162	-0.238	-0.067	0.170	-0.215	-0.037	0.178	-0.208	-0.007	0.201	-0.212	-0.027	0.184	0.5000
0.6000	-0.227	-0.097	0.130	-0.199	-0.063	0.136	-0.178			-0.185	-0.006	0.178	-0.146	-0.039	0.107	0.6000
0.6170								-0.024								0.6170
0.7000	-0.211	-0.076	0.136	-0.163	-0.043	0.119	-0.157	-0.020	0.137	-0.165	-0.008	0.157	-0.115			0.7000
0.7100														-0.045		0.7100
0.8000		-0.061		-0.128	-0.027	0.101	-0.133	0.001	0.134	-0.119	-0.011	0.108	-0.085			0.8000
0.8100														-0.045		0.8100
0.9000	-0.137	-0.035	0.102	-0.081			-0.102	-0.007	0.095	-0.077	-0.034	0.043	-0.068			0.9000
1.0000	-0.079	0.001	0.080	-0.021	-0.006	0.015	-0.065	-0.045	0.020	-0.036	-0.075	-0.039	-0.066	-0.029	0.039	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 0.905 α = 03.69															
0.0000	-0.341	0.040	0.381	-0.813	0.139	0.952	-0.826	0.200	1.026	-0.618	0.344	0.962	-0.484	0.257		0.0000
0.0125	-0.306	0.033	0.339	-0.910	0.105	1.015	-0.818	0.168	0.986	-0.616	0.260	0.876		0.238		0.0125
0.0250	-0.283	0.024	0.307	-0.872	0.077	0.949	-0.813	0.140	0.953	-0.615	0.199	0.814		0.215		0.0250
0.0500	-0.276	0.002	0.278	-0.396	0.036	0.432	-0.813	0.098	0.910	-0.613	0.149	0.762	-0.491	0.159	0.650	0.0500
0.0750	-0.292	-0.019	0.273	-0.429	0.009	0.438	-0.796	0.076	0.872	-0.615	0.125	0.741	-0.491	0.135	0.626	0.0750
0.1000	-0.303	-0.035	0.268	-0.432	-0.016	0.416	-0.716	0.061	0.777	-0.613	0.095	0.709	-0.489	0.108	0.597	0.1000
0.1500	-0.291	-0.045	0.245	-0.396	-0.032	0.363	-0.520	0.036	0.555	-0.589	0.071	0.660	-0.478	0.079	0.557	0.1500
0.2000	-0.313	-0.058	0.255	-0.347	-0.037	0.310	-0.327	0.022	0.349	-0.546	0.053	0.599	-0.469	0.061	0.531	0.2000
0.3000	-0.321	-0.082	0.239	-0.305	-0.035	0.270	-0.208	0.007	0.215	-0.421	0.035	0.456	-0.444	0.035	0.479	0.3000
0.4000	-0.304	-0.068	0.235	-0.203	-0.025	0.178	-0.178	0.004	0.182	-0.261	0.026	0.287	-0.387	0.016	0.403	0.4000
0.5000	-0.250	-0.041	0.208	-0.192	-0.017	0.175	-0.150	0.005	0.155	-0.146	0.023	0.169	-0.312	-0.002	0.310	0.5000
0.6000	-0.183	-0.029	0.154	-0.151	-0.008	0.143	-0.122			-0.115	0.023	0.138	-0.227	-0.016	0.210	0.6000
0.6170								0.012								0.6170
0.7000	-0.166	-0.020	0.146	-0.122	0.009	0.131	-0.097	0.017	0.114	-0.099	0.021	0.120	-0.140			0.7000
0.7100														-0.023		0.7100
0.8000		-0.008		-0.092	0.024	0.116	-0.080	0.034	0.113	-0.059	0.018	0.077	-0.071			0.8000
0.8100														-0.020		0.8100
0.9000	-0.084	0.011	0.096	-0.052			-0.046	0.038	0.085	-0.004	0.002	0.007	-0.037			0.9000
1.0000	-0.020	0.037	0.057	-0.003	0.045	0.048	0.003	0.031	0.028	0.065	-0.025	-0.089	-0.037	0.008	0.044	1.0000
	M = 0.952 α = 03.73															
0.0000	-0.374	-0.003	0.370	-0.726	0.073	0.799	-0.847	0.126	0.973	-0.814	0.347	1.161	-0.475	0.334		0.0000
0.0125	-0.342	-0.028	0.314	-0.825	0.033	0.857	-0.843	0.093	0.936	-0.808	0.268	1.076		0.291		0.0125
0.0250	-0.319	-0.046	0.273	-0.806	0.000	0.806	-0.844	0.067	0.911	-0.803	0.211	1.014		0.254		0.0250
0.0500	-0.302	-0.062	0.240	-0.418	-0.039	0.379	-0.860	0.039	0.899	-0.794	0.166	0.960	-0.488	0.199	0.687	0.0500
0.0750	-0.322	-0.094	0.228	-0.444	-0.076	0.368	-0.821	0.027	0.848	-0.784	0.145	0.930	-0.489	0.172	0.661	0.0750
0.1000	-0.346	-0.109	0.237	-0.458	-0.095	0.362	-0.673	0.023	0.696	-0.764	0.120	0.884	-0.486	0.145	0.631	0.1000
0.1500	-0.323	-0.115	0.208	-0.430	-0.118	0.313	-0.498	0.015	0.513	-0.678	0.101	0.779	-0.480	0.115	0.595	0.1500
0.2000	-0.346	-0.129	0.217	-0.417	-0.119	0.298	-0.447	0.013	0.459	-0.561	0.087	0.649	-0.471	0.097	0.568	0.2000
0.3000	-0.361	-0.171	0.190	-0.404	-0.083	0.321	-0.398	0.016	0.414	-0.288	0.070	0.359	-0.433	0.069	0.501	0.3000
0.4000	-0.354	-0.145	0.208	-0.424	-0.033	0.391	-0.113	0.026	0.139	-0.107	0.059	0.166	-0.350	0.043	0.393	0.4000
0.5000	-0.408	-0.077	0.330	-0.290	0.004	0.294	-0.063	0.031	0.094	-0.074	0.055	0.129	-0.265	0.020	0.285	0.5000
0.6000	-0.291	-0.028	0.263	-0.073	0.013	0.086	-0.073			-0.099	0.053	0.152	-0.180	0.001	0.181	0.6000
0.6170								0.041								0.6170
0.7000	-0.204	-0.003	0.201	-0.055	0.024	0.079	-0.062	0.049	0.111	-0.089	0.049	0.138	-0.106			0.7000
0.7100														-0.010		0.7100
0.8000		0.016		-0.044	0.047	0.091	-0.060	0.066	0.126	-0.041	0.041	0.082	-0.051			0.8000
0.8100														-0.007		0.8100
0.9000	-0.040	0.045	0.084	-0.013			-0.027	0.064	0.091	0.019	0.016	-0.004	-0.025			0.9000
1.0000	0.038	0.082	0.044	0.037	0.129	0.093	0.039	0.044	0.005	0.091	-0.028	-0.119	-0.026	0.032	0.057	1.0000
	M = 0.998 α = 03.83															
0.0000	-0.348	-0.029	0.319	-0.704	0.073	0.777	-0.791	0.051	0.842	-0.843	0.205	1.048	-0.948	0.161		0.0000
0.0125	-0.325	-0.020	0.305	-0.788	0.019	0.807	-0.784	0.011	0.795	-0.838	0.087	0.925		0.123		0.0125
0.0250	-0.306	-0.021	0.285	-0.769	-0.020	0.749	-0.782	-0.020	0.762	-0.837	0.006	0.843		0.095		0.0250
0.0500	-0.278	-0.050	0.228	-0.424	-0.053	0.371	-0.794	-0.058	0.737	-0.847	-0.044	0.802	-0.948	0.066	1.014	0.0500
0.0750	-0.302	-0.070	0.232	-0.437	-0.090	0.347	-0.780	-0.082	0.697	-0.843	-0.073	0.771	-0.948	0.063	1.011	0.0750
0.1000	-0.323	-0.101	0.222	-0.441	-0.114	0.327	-0.625	-0.101	0.524	-0.753	-0.104	0.649	-0.948	0.051	0.999	0.1000
0.1500	-0.311	-0.112	0.199	-0.420	-0.153	0.267	-0.476	-0.131	0.345	-0.633	-0.127	0.506	-0.928	0.045	0.973	0.1500
0.2000	-0.334	-0.137	0.197	-0.407	-0.159	0.248	-0.440	-0.158	0.282	-0.576	-0.137	0.440	-0.822	0.042	0.864	0.2000
0.3000	-0.352	-0.186	0.166	-0.388	-0.176	0.213	-0.452	-0.181	0.271	-0.518	-0.108	0.410	-0.484	0.041	0.525	0.3000
0.4000	-0.327	-0.201	0.126	-0.415	-0.188	0.228	-0.459	-0.188	0.272	-0.480	-0.032	0.448	-0.234	0.039	0.273	0.4000
0.5000	-0.406	-0.184	0.222	-0.422	-0.192	0.230	-0.433	-0.146	0.287	-0.426	0.027	0.453	-0.032	0.032	0.063	0.5000
0.6000	-0.371	-0.194	0.177	-0.415	-0.187	0.228	-0.421			-0.253	0.048	0.301	0.043	0.024	-0.019	0.6000
0.6170								-0.058								0.6170
0.7000	-0.418	-0.181	0.237	-0.410	-0.125	0.285	-0.292	0.050	0.342	-0.077	0.051	0.128	0.063			0.7000
0.7100														0.022		0.7100
0.8000		-0.141		-0.227	0.011	0.238	-0.068	0.055	0.123	0.034	0.060	0.026	0.086			0.8000
0.8100														0.041		0.8100
0.9000	-0.208	-0.032	0.176	-0.053			0.027	0.063	0.036	0.089	0.054	-0.035	0.092			0.9000
1.0000	0.048	0.147	0.099	0.114	0.505	0.392	-0.007	0.075	0.082	0.088	0.031	-0.057	0.081	0.131	0.038	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.049 α = 03.83															
0.0000	-0.322	0.022	0.344	-0.650	0.036	0.685	-0.718	0.060	0.778	-0.767	0.210	0.978	-0.839	0.096		0.0000
0.0125	-0.285	0.008	0.293	-0.699	0.047	0.746	-0.710	0.024	0.733	-0.757	0.097	0.854		0.058		0.0125
0.0250	-0.260	-0.005	0.255	-0.692	0.041	0.733	-0.706	-0.005	0.701	-0.751	0.020	0.772		0.026		0.0250
0.0500	-0.243	-0.026	0.217	-0.513	-0.024	0.488	-0.712	-0.039	0.673	-0.754	-0.027	0.727	-0.823	-0.022	0.801	0.0500
0.0750	-0.257	-0.052	0.205	-0.385	-0.059	0.326	-0.715	-0.063	0.652	-0.762	-0.050	0.712	-0.821	-0.047	0.774	0.0750
0.1000	-0.279	-0.072	0.207	-0.398	-0.075	0.323	-0.592	-0.083	0.509	-0.717	-0.082	0.634	-0.824	-0.069	0.755	0.1000
0.1500	-0.267	-0.081	0.185	-0.373	-0.117	0.256	-0.426	-0.111	0.315	-0.555	-0.105	0.449	-0.817	-0.070	0.747	0.1500
0.2000	-0.291	-0.101	0.190	-0.364	-0.136	0.227	-0.389	-0.133	0.255	-0.481	-0.120	0.361	-0.721	-0.060	0.661	0.2000
0.3000	-0.303	-0.154	0.150	-0.333	-0.156	0.176	-0.394	-0.156	0.239	-0.443	-0.139	0.304	-0.441	-0.016	0.425	0.3000
0.4000	-0.286	-0.170	0.115	-0.377	-0.169	0.208	-0.406	-0.165	0.241	-0.421	-0.121	0.300	-0.438	0.003	0.441	0.4000
0.5000	-0.362	-0.162	0.200	-0.376	-0.172	0.204	-0.387	-0.160	0.227	-0.403	-0.071	0.332	-0.441	-0.004	0.437	0.5000
0.6000	-0.321	-0.174	0.146	-0.373	-0.172	0.201	-0.378			-0.402	-0.012	0.390	-0.359	-0.022	0.337	0.6000
0.6170								-0.104								0.6170
0.7000	-0.407	-0.169	0.238	-0.381	-0.136	0.245	-0.361	-0.062	0.299	-0.372	0.029	0.401	-0.067			0.7000
0.7100														-0.056		0.7100
0.8000		-0.146		-0.293	-0.042	0.251	-0.218	0.046	0.263	-0.137	0.023	0.160	0.020			0.8000
0.8100														-0.094		0.8100
0.9000	-0.239	-0.052	0.188	-0.154			-0.070	0.019	0.089	-0.021	-0.026	-0.006	0.008			0.9000
1.0000	0.016	0.113	0.097	0.036	0.321	0.285	0.083	-0.140	-0.223	-0.023	-0.118	-0.096	-0.103	-0.186	-0.194	1.0000
	M = 1.102 α = 03.88															
0.0000	-0.254	0.088	0.342	-0.556	0.181	0.737	-0.618	0.155	0.773	-0.673	0.291	0.965	-0.734	0.209		0.0000
0.0125	-0.226	0.065	0.291	-0.603	0.123	0.726	-0.609	0.118	0.728	-0.659	0.177	0.836		0.139		0.0125
0.0250	-0.200	0.048	0.249	-0.590	0.083	0.673	-0.604	0.090	0.694	-0.652	0.099	0.750		0.088		0.0250
0.0500	-0.159	0.033	0.193	-0.387	0.054	0.440	-0.606	0.056	0.662	-0.655	0.052	0.707	-0.721	0.041	0.762	0.0500
0.0750	-0.191	0.012	0.203	-0.290	0.021	0.311	-0.621	0.033	0.654	-0.661	0.026	0.687	-0.718	0.015	0.733	0.0750
0.1000	-0.202	-0.003	0.199	-0.305	0.000	0.305	-0.530	0.013	0.543	-0.630	-0.007	0.623	-0.718	-0.011	0.706	0.1000
0.1500	-0.189	-0.013	0.176	-0.281	-0.038	0.244	-0.337	-0.017	0.320	-0.484	-0.032	0.452	-0.721	-0.027	0.694	0.1500
0.2000	-0.214	-0.029	0.184	-0.270	-0.049	0.221	-0.293	-0.039	0.253	-0.404	-0.051	0.353	-0.645	-0.025	0.620	0.2000
0.3000	-0.228	-0.081	0.147	-0.243	-0.066	0.177	-0.297	-0.066	0.231	-0.363	-0.074	0.288	-0.351	0.029	0.380	0.3000
0.4000	-0.211	-0.084	0.127	-0.277	-0.075	0.201	-0.306	-0.084	0.222	-0.344	-0.076	0.268	-0.352	0.065	0.417	0.4000
0.5000	-0.265	-0.068	0.197	-0.280	-0.080	0.200	-0.302	-0.091	0.211	-0.328	-0.031	0.298	-0.354	0.078	0.432	0.5000
0.6000	-0.247	-0.085	0.162	-0.276	-0.087	0.189	-0.295			-0.322	0.025	0.347	-0.308	0.061	0.369	0.6000
0.6170								-0.060								0.6170
0.7000	-0.299	-0.077	0.222	-0.285	-0.071	0.215	-0.288	-0.024	0.264	-0.314	0.114	0.428	-0.038			0.7000
0.7100														0.026		0.7100
0.8000		-0.074		-0.224	0.017	0.241	-0.192	0.116	0.309	-0.078	0.097	0.175	0.074			0.8000
0.8100														-0.023		0.8100
0.9000	-0.175	0.032	0.207	-0.073			0.002	0.099	0.097	0.046	0.052	0.007	0.071			0.9000
1.0000	0.001	0.241	0.241	0.166	0.409	0.243	0.295	-0.076	-0.371	0.056	-0.021	-0.077	-0.046	-0.164	-0.235	1.0000
	M = 1.299 α =-04.03															
0.0000	-0.158	0.235	0.393	-0.388	0.296	0.684	-0.510	0.245	0.755	-0.506	0.382	0.887	-0.448	0.285		0.0000
0.0125	-0.128	0.200	0.327	-0.376	0.239	0.614	-0.453	0.213	0.666	-0.473	0.278	0.751		0.228		0.0125
0.0250	-0.097	0.179	0.276	-0.355	0.198	0.553	-0.412	0.187	0.600	-0.447	0.207	0.654		0.185		0.0250
0.0500	-0.036	0.179	0.215	-0.286	0.170	0.457	-0.384	0.154	0.538	-0.417	0.163	0.579	-0.456	0.140	0.596	0.0500
0.0750	-0.032	0.146	0.177	-0.214	0.143	0.357	-0.383	0.132	0.515	-0.395	0.137	0.532	-0.449	0.113	0.562	0.0750
0.1000	-0.052	0.124	0.176	-0.189	0.125	0.314	-0.385	0.114	0.499	-0.386	0.100	0.486	-0.434	0.087	0.521	0.1000
0.1500	-0.055	0.126	0.181	-0.171	0.097	0.268	-0.291	0.091	0.382	-0.381	0.073	0.454	-0.396	0.061	0.457	0.1500
0.2000	-0.066	0.108	0.174	-0.144	0.059	0.203	-0.171	0.071	0.242	-0.375	0.054	0.429	-0.369	0.048	0.417	0.2000
0.3000	-0.078	0.056	0.134	-0.128	0.051	0.179	-0.139	0.035	0.174	-0.260	0.031	0.290	-0.349	0.025	0.374	0.3000
0.4000	-0.076	0.023	0.099	-0.116	0.027	0.143	-0.147	0.024	0.171	-0.156	0.020	0.176	-0.338	0.010	0.648	0.4000
0.5000	-0.087	0.019	0.106	-0.137	0.028	0.164	-0.157	0.014	0.171	-0.167	0.005	0.172	-0.208	0.002	0.210	0.5000
0.6000	-0.114	0.021	0.135	-0.140	0.017	0.156	-0.162			-0.176	-0.005	0.171	-0.178	-0.005	0.173	0.6000
0.6170								-0.002								0.6170
0.7000	-0.132	0.017	0.149	-0.144	0.002	0.145	-0.161	-0.012	0.148	-0.187	-0.012	0.175	-0.198			0.7000
0.7100														-0.013		0.7100
0.8000		-0.017		-0.152	-0.005	0.147	-0.173	-0.010	0.163	-0.199	-0.008	0.191	-0.206			0.8000
0.8100														-0.038		0.8100
0.9000	-0.161	-0.018	0.143	-0.168			-0.211	-0.008	0.203	-0.203	-0.022	0.181	-0.163			0.9000
1.0000	-0.173	0.015	0.188	-0.193	0.009	0.202	-0.273	-0.005	0.269	-0.200	-0.053	0.146	-0.069	-0.132	0.031	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
M = 1.304 α = -00.15																
0.0000	-0.185	0.119	0.304	-0.400	0.209	0.609	-0.547	0.180	0.726	-0.529	0.300	0.829	-0.475	0.206		0.0000
0.0125	-0.167	0.107	0.274	-0.403	0.170	0.572	-0.486	0.150	0.635	-0.494	0.207	0.700		0.164		0.0125
0.0250	-0.145	0.100	0.245	-0.391	0.140	0.531	-0.442	0.125	0.567	-0.466	0.143	0.609		0.130		0.0250
0.0500	-0.089	0.096	0.185	-0.325	0.109	0.434	-0.408	0.091	0.500	-0.435	0.107	0.541	-0.478	0.087	0.565	0.0500
0.0750	-0.100	0.069	0.169	-0.260	0.082	0.342	-0.406	0.068	0.474	-0.415	0.083	0.498	-0.469	0.062	0.532	0.0750
0.1000	-0.110	0.055	0.165	-0.238	0.064	0.302	-0.411	0.050	0.460	-0.409	0.050	0.459	-0.454	0.036	0.490	0.1000
0.1500	-0.114	0.053	0.167	-0.208	0.029	0.237	-0.364	0.027	0.392	-0.408	0.021	0.429	-0.419	0.012	0.431	0.1500
0.2000	-0.128	0.030	0.157	-0.188	-0.001	0.187	-0.225	0.011	0.237	-0.406	0.002	0.408	-0.395		0.395	0.2000
0.3000	-0.142	-0.032	0.111	-0.181	-0.016	0.164	-0.195	-0.023	0.172	-0.284	-0.019	0.265	-0.375	-0.019	0.356	0.3000
0.4000	-0.129	-0.039	0.090	-0.177	-0.037	0.140	-0.188	-0.031	0.157	-0.199	-0.028	0.171	-0.351	-0.033	0.318	0.4000
0.5000	-0.170	-0.043	0.127	-0.185	-0.034	0.152	-0.197	-0.035	0.162	-0.205	-0.042	0.163	-0.229	-0.044	0.184	0.5000
0.6000	-0.174	-0.041	0.133	-0.191	-0.045	0.146	-0.202			-0.211	-0.051	0.160	-0.215	-0.056	0.160	0.6000
0.6170								-0.049								0.6170
0.7000	-0.188	-0.036	0.152	-0.198	-0.054	0.144	-0.203	-0.058	0.145	-0.225	-0.058	0.168	-0.239			0.7000
0.7100														-0.062		0.7100
0.8000		-0.069		-0.210	-0.058	0.152	-0.215	-0.055	0.160	-0.239	-0.052	0.187	-0.245			0.8000
0.8100														-0.081		0.8100
0.9000	-0.200	-0.057	0.143	-0.223			-0.249	-0.044	0.205	-0.239	-0.064	0.176	-0.206			0.9000
1.0000	-0.199	0.001	0.200	-0.238	-0.051	0.187	-0.305	-0.027	0.278	-0.227	-0.093	0.134	-0.121	-0.151	0.055	1.0000
M = 1.304 α = 03.69																
0.0000	-0.225	0.041	0.266	-0.442	0.147	0.588	-0.566	0.111	0.677	-0.575	0.215	0.790	-0.514	0.145		0.0000
0.0125	-0.206	0.038	0.244	-0.429	0.111	0.541	-0.510	0.088	0.598	-0.523	0.137	0.660		0.109		0.0125
0.0250	-0.184	0.034	0.218	-0.409	0.083	0.492	-0.470	0.068	0.538	-0.487	0.083	0.570		0.079		0.0250
0.0500	-0.133	0.026	0.160	-0.344	0.048	0.392	-0.438	0.037	0.475	-0.460	0.048	0.508	-0.507	0.064	0.541	0.0500
0.0750	-0.156	0.003	0.159	-0.305	0.022	0.328	-0.436	0.016	0.452	-0.445	0.027	0.471	-0.495	0.009	0.504	0.0750
0.1000	-0.169	-0.008	0.161	-0.282	0.006	0.288	-0.443	-0.002	0.441	-0.440	-0.003	0.437	-0.477	-0.014	0.464	0.1000
0.1500	-0.163	-0.012	0.151	-0.246	-0.026	0.220	-0.408	-0.028	0.380	-0.442	-0.029	0.413	-0.446	-0.036	0.410	0.1500
0.2000	-0.180	-0.024	0.155	-0.233	-0.051	0.183	-0.260	-0.043	0.217	-0.435	-0.049	0.387	-0.428	-0.049	0.379	0.2000
0.3000	-0.188	-0.082	0.106	-0.231	-0.067	0.164	-0.242	-0.072	0.170	-0.309	-0.069	0.240	-0.412	-0.065	0.347	0.3000
0.4000	-0.182	-0.094	0.088	-0.222	-0.084	0.138	-0.234	-0.087	0.147	-0.246	-0.080	0.166	-0.350	-0.078	0.273	0.4000
0.5000	-0.220	-0.094	0.126	-0.232	-0.086	0.146	-0.246	-0.088	0.158	-0.248	-0.088	0.160	-0.248	-0.091	0.157	0.5000
0.6000	-0.220	-0.092	0.127	-0.237	-0.093	0.144	-0.246			-0.252	-0.094	0.158	-0.262	-0.103	0.159	0.6000
0.6170								-0.100								0.6170
0.7000	-0.238	-0.088	0.151	-0.245	-0.102	0.142	-0.250	-0.105	0.145	-0.266	-0.100	0.166	-0.285			0.7000
0.7100														-0.110		0.7100
0.8000		-0.111		-0.251	-0.104	0.147	-0.259	-0.099	0.160	-0.277	-0.095	0.182	-0.289			0.8000
0.8100														-0.126		0.8100
0.9000	-0.241	-0.089	0.152	-0.262			-0.291	-0.085	0.206	-0.276	-0.105	0.171	-0.254			0.9000
1.0000	-0.224	-0.020	0.205	-0.276	-0.083	0.193	-0.346	-0.064	0.282	-0.264	-0.131	0.133	-0.180	-0.177	0.077	1.0000
M = 1.299 α = 07.86																
0.0000	-0.231	0.061	0.292	-0.463	0.056	0.520	-0.570	0.051	0.621	-0.597	0.109	0.706	-0.539	0.031		0.0000
0.0125	-0.273	0.029	0.302	-0.448	0.049	0.498	-0.547	0.040	0.587	-0.556	0.075	0.631		0.056		0.0125
0.0250	-0.287	0.011	0.298	-0.435	0.040	0.475	-0.522	0.027	0.549	-0.526	0.045	0.571		0.056		0.0250
0.0500	-0.237	0.015	0.252	-0.415	0.014	0.430	-0.469	-0.007	0.462	-0.498	-0.001	0.497	-0.534	-0.015	0.519	0.0500
0.0750	-0.205	-0.026	0.179	-0.369	-0.017	0.351	-0.465	-0.029	0.437	-0.484	-0.024	0.460	-0.522	-0.020	0.502	0.0750
0.1000	-0.221	-0.046	0.176	-0.347	-0.044	0.303	-0.472	-0.040	0.433	-0.477	-0.055	0.422	-0.503	-0.053	0.450	0.1000
0.1500	-0.241	-0.052	0.190	-0.310	-0.072	0.237	-0.459	-0.069	0.389	-0.477	-0.076	0.401	-0.485	-0.082	0.402	0.1500
0.2000	-0.234	-0.089	0.145	-0.285	-0.092	0.193	-0.339	-0.095	0.244	-0.479	-0.093	0.386	-0.468	-0.100	0.368	0.2000
0.3000	-0.245	-0.123	0.121	-0.279	-0.125	0.154	-0.307	-0.117	0.190	-0.362	-0.122	0.240	-0.451	-0.107	0.344	0.3000
0.4000	-0.224	-0.132	0.092	-0.269	-0.139	0.130	-0.291	-0.134	0.156	-0.288	-0.126	0.162	-0.384	-0.134	0.250	0.4000
0.5000	-0.268	-0.153	0.114	-0.290	-0.142	0.148	-0.286	-0.141	0.145	-0.284	-0.137	0.146	-0.306	-0.144	0.162	0.5000
0.6000	-0.275	-0.152	0.123	-0.289	-0.150	0.139	-0.294			-0.297	-0.144	0.153	-0.307	-0.152	0.155	0.6000
0.6170								-0.154								0.6170
0.7000	-0.288	-0.149	0.139	-0.292	-0.155	0.136	-0.296	-0.155	0.141	-0.310	-0.149	0.161	-0.325			0.7000
0.7100														-0.154		0.7100
0.8000		-0.159		-0.300	-0.154	0.146	-0.300	-0.154	0.146	-0.325	-0.149	0.176	-0.335			0.8000
0.8100														-0.162		0.8100
0.9000	-0.286	-0.132	0.154	-0.312			-0.327	-0.132	0.195	-0.324	-0.151	0.172	-0.304			0.9000
1.0000	-0.272	-0.070	0.202	-0.328	-0.133	0.195	-0.378	-0.089	0.289	-0.305	-0.156	0.149	-0.233	-0.192	0.111	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.299		α = 11.69							
0.0000	-0.208	0.068	0.276	-0.527	0.052	0.579	-0.587	0.035	0.622	-0.588	0.112	0.699	-0.569	0.062		0.0000
0.0125	-0.283	0.014	0.298	-0.489	0.021	0.510	-0.563	0.008	0.571	-0.565	0.043	0.608		0.021		0.0125
0.0250	-0.319	-0.017	0.303	-0.457	-0.003	0.454	-0.537	-0.013	0.524	-0.546	-0.005	0.541		-0.011		0.0250
0.0500	-0.273	-0.011	0.261	-0.412	-0.030	0.382	-0.485	-0.040	0.445	-0.520	-0.040	0.480	-0.548	-0.052	0.496	0.0500
0.0750	-0.240	-0.037	0.203	-0.393	-0.051	0.342	-0.471	-0.059	0.412	-0.499	-0.062	0.437	-0.534	-0.073	0.462	0.0750
0.1000	-0.250	-0.063	0.188	-0.384	-0.083	0.302	-0.461	-0.073	0.388	-0.491	-0.091	0.399	-0.519	-0.096	0.424	0.1000
0.1500	-0.293	-0.091	0.202	-0.363	-0.114	0.249	-0.453	-0.097	0.356	-0.486	-0.113	0.373	-0.497	-0.117	0.381	0.1500
0.2000	-0.271	-0.127	0.144	-0.334	-0.129	0.206	-0.416	-0.125	0.292	-0.489	-0.127	0.361	-0.484	-0.130	0.355	0.2000
0.3000	-0.282	-0.150	0.131	-0.318	-0.164	0.154	-0.320	-0.161	0.159	-0.433	-0.145	0.288	-0.467	-0.152	0.315	0.3000
0.4000	-0.253	-0.175	0.078	-0.310	-0.174	0.136	-0.325	-0.171	0.154	-0.314	-0.158	0.156	-0.421	-0.164	0.257	0.4000
0.5000	-0.306	-0.188	0.118	-0.324	-0.185	0.139	-0.325	-0.181	0.144	-0.315	-0.170	0.144	-0.337	-0.171	0.166	0.5000
0.6000	-0.305	-0.202	0.103	-0.327	-0.187	0.140	-0.327			-0.317	-0.175	0.142	-0.323	-0.176	0.147	0.6000
0.6170								-0.187								0.6170
0.7000	-0.315	-0.191	0.124	-0.322	-0.191	0.131	-0.322	-0.195	0.126	-0.334	-0.183	0.151	-0.336			0.7000
0.7100														-0.178		0.7100
0.8000		-0.205		-0.325	-0.194	0.131	-0.327	-0.185	0.142	-0.349	-0.181	0.168	-0.348			0.8000
0.8100														-0.190		0.8100
0.9000	-0.316	-0.186	0.130	-0.344			-0.356	-0.170	0.186	-0.348	-0.186	0.162	-0.326			0.9000
1.0000	-0.307	-0.134	0.173	-0.379	-0.194	0.185	-0.410	-0.151	0.259	-0.330	-0.197	0.133	-0.271	-0.237	0.089	1.0000
							M = 1.300		α = 15.77							
0.0000	-0.274	-0.030	0.244	-0.548	0.038	0.586	-0.576	-0.002	0.573	-0.579	0.062	0.640	-0.575	-0.012		0.0000
0.0125	-0.311	-0.027	0.284	-0.500	-0.009	0.491	-0.565	-0.033	0.533	-0.568		0.568		-0.032		0.0125
0.0250	-0.334	-0.031	0.303	-0.463	-0.042	0.421	-0.552	-0.056	0.496	-0.561	-0.044	0.517		-0.053		0.0250
0.0500	-0.339	-0.061	0.278	-0.419	-0.067	0.352	-0.518	-0.083	0.434	-0.555	-0.078	0.476	-0.560	-0.094	0.466	0.0500
0.0750	-0.315	-0.070	0.246	-0.427	-0.098	0.328	-0.493	-0.102	0.391	-0.536	-0.098	0.438	-0.549	-0.117	0.432	0.0750
0.1000	-0.311	-0.108	0.203	-0.431	-0.111	0.320	-0.479	-0.117	0.362	-0.518	-0.126	0.392	-0.535	-0.140	0.395	0.1000
0.1500	-0.327	-0.138	0.188	-0.409	-0.153	0.255	-0.464	-0.139	0.325	-0.501	-0.153	0.348	-0.512	-0.162	0.350	0.1500
0.2000	-0.295	-0.158	0.137	-0.396	-0.175	0.221	-0.453	-0.161	0.291	-0.494	-0.172	0.322	-0.498	-0.174	0.324	0.2000
0.3000	-0.299	-0.182	0.117	-0.379	-0.205	0.175	-0.404	-0.210	0.194	-0.475	-0.200	0.276	-0.478	-0.192	0.286	0.3000
0.4000	-0.280	-0.222	0.058	-0.353	-0.242	0.111	-0.370	-0.229	0.141	-0.412	-0.211	0.201	-0.464	-0.202	0.262	0.4000
0.5000	-0.336	-0.261	0.075	-0.357	-0.247	0.110	-0.364	-0.238	0.126	-0.359	-0.221	0.138	-0.444	-0.214	0.230	0.5000
0.6000	-0.342	-0.267	0.075	-0.368	-0.264	0.104	-0.369			-0.364	-0.232	0.132	-0.397	-0.226	0.171	0.6000
0.6170								-0.255								0.6170
0.7000	-0.350	-0.269	0.082	-0.370	-0.267	0.103	-0.370	-0.256	0.114	-0.375	-0.239	0.136	-0.375			0.7000
0.7100														-0.228		0.7100
0.8000		-0.275		-0.374	-0.268	0.106	-0.377	-0.245	0.132	-0.392	-0.233	0.159	-0.380			0.8000
0.8100														-0.238		0.8100
0.9000	-0.371	-0.282	0.089	-0.394			-0.406	-0.230	0.176	-0.394	-0.235	0.159	-0.356			0.9000
1.0000	-0.384	-0.290	0.094	-0.429	-0.262	0.167	-0.457	-0.211	0.246	-0.382	-0.244	0.138	-0.303	-0.280	0.077	1.0000
							M = 1.502		α = 03.78							
0.0000	-0.182	0.075	0.257	-0.371	0.161	0.533	-0.373	0.131	0.504	-0.334	0.197	0.531	-0.333	0.176		0.0000
0.0125	-0.171	0.048	0.219	-0.325	0.120	0.445	-0.357	0.106	0.463	-0.337	0.140	0.477		0.130		0.0125
0.0250	-0.156	0.034	0.190	-0.287	0.091	0.378	-0.345	0.086	0.431	-0.340	0.099	0.439		0.096		0.0250
0.0500	-0.118	0.041	0.159	-0.235	0.068	0.302	-0.330	0.065	0.394	-0.344	0.069	0.413	-0.339	0.061	0.400	0.0500
0.0750	-0.113	0.022	0.135	-0.248	0.046	0.294	-0.314	0.047	0.361	-0.348	0.050	0.398	-0.337	0.040	0.377	0.0750
0.1000	-0.127	0.008	0.135	-0.244	0.026	0.271	-0.301	0.033	0.334	-0.349	0.024	0.373	-0.333	0.013	0.346	0.1000
0.1500	-0.130	0.015	0.145	-0.231	-0.001	0.230	-0.287	0.006	0.293	-0.328	-0.002	0.326	-0.329	-0.010	0.319	0.1500
0.2000	-0.140	-0.011	0.128	-0.213	-0.022	0.191	-0.278	-0.008	0.270	-0.312	-0.020	0.292	-0.325	-0.024	0.301	0.2000
0.3000	-0.157	-0.052	0.105	-0.185	-0.048	0.138	-0.261	-0.044	0.217	-0.299	-0.042	0.258	-0.314	-0.042	0.272	0.3000
0.4000	-0.145	-0.048	0.096	-0.178	-0.058	0.121	-0.200	-0.058	0.142	-0.293	-0.053	0.240	-0.301	-0.053	0.248	0.4000
0.5000	-0.187	-0.078	0.109	-0.199	-0.069	0.130	-0.199	-0.072	0.127	-0.266	-0.068	0.198	-0.291	-0.062	0.229	0.5000
0.6000	-0.182	-0.081	0.101	-0.201	-0.079	0.122	-0.207			-0.208	-0.073	0.135	-0.284	-0.070	0.215	0.6000
0.6170								-0.084								0.6170
0.7000	-0.193	-0.073	0.120	-0.194	-0.083	0.111	-0.204	-0.090	0.114	-0.193	-0.074	0.119	-0.279			0.7000
0.7100														-0.074		0.7100
0.8000		-0.088		-0.201	-0.080	0.121	-0.205	-0.079	0.126	-0.209	-0.068	0.141	-0.273			0.8000
0.8100														-0.085		0.8100
0.9000	-0.198	-0.088	0.111	-0.222			-0.228	-0.061	0.167	-0.208	-0.073	0.135	-0.247			0.9000
1.0000	-0.193	-0.073	0.120	-0.258	-0.054	0.204	-0.271	-0.034	0.237	-0.192	-0.090	0.102	-0.200	-0.126	0.120	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.699		α = 03.73							
0.0000	-0.130	0.071	0.201	-0.246	0.158	0.404	-0.251	0.127	0.379	-0.204	0.195	0.399	-0.222	0.174		0.0000
0.0125	-0.140	0.039	0.179	-0.230	0.121	0.351	-0.244	0.108	0.352	-0.215	0.146	0.361		0.139		0.0125
0.0250	-0.141	0.021	0.162	-0.214	0.094	0.308	-0.239	0.092	0.331	-0.223	0.112	0.335		0.112		0.0250
0.0500	-0.116	0.030	0.147	-0.179	0.072	0.251	-0.237	0.069	0.306	-0.232	0.085	0.317	-0.226	0.079	0.305	0.0500
0.0750	-0.106	0.012	0.118	-0.216	0.048	0.263	-0.242	0.057	0.299	-0.243	0.066	0.309	-0.227	0.060	0.287	0.0750
0.1000	-0.118	0.001	0.118	-0.214	0.032	0.246	-0.244	0.044	0.287	-0.248	0.043	0.291	-0.227	0.038	0.265	0.1000
0.1500	-0.134	0.001	0.135	-0.202	0.008	0.210	-0.235	0.021	0.256	-0.251	0.020	0.271	-0.228	0.014	0.242	0.1500
0.2000	-0.134	-0.020	0.114	-0.194	-0.014	0.180	-0.223	0.004	0.227	-0.247	0.004	0.251	-0.230	0.001	0.230	0.2000
0.3000	-0.144	-0.028	0.117	-0.184	-0.034	0.150	-0.209	-0.024	0.185	-0.236	-0.017	0.219	-0.235	-0.017	0.219	0.3000
0.4000	-0.133	-0.046	0.088	-0.177	-0.059	0.119	-0.204	-0.043	0.161	-0.225	-0.028	0.197	-0.240	-0.030	0.210	0.4000
0.5000	-0.168	-0.075	0.093	-0.172	-0.064	0.109	-0.198	-0.055	0.143	-0.216	-0.042	0.175	-0.242	-0.041	0.201	0.5000
0.6000	-0.162	-0.078	0.084	-0.176	-0.068	0.108	-0.189			-0.214	-0.047	0.167	-0.241	-0.052	0.189	0.6000
0.6170								-0.062								0.6170
0.7000	-0.171	-0.075	0.096	-0.172	-0.068	0.104	-0.178	-0.068	0.109	-0.216	-0.055	0.160	-0.236			0.7000
0.7100														-0.056		0.7100
0.8000		-0.087		-0.173	-0.067	0.105	-0.178	-0.064	0.114	-0.217	-0.058	0.159	-0.223			0.8000
0.8100														-0.066		0.8100
0.9000	-0.175	-0.091	0.084	-0.188			-0.193	-0.053	0.140	-0.210	-0.065	0.145	-0.213			0.9000
1.0000	-0.169	-0.089	0.080	-0.217	-0.068	0.149	-0.222	-0.035	0.187	-0.196	-0.079	0.118	-0.207	-0.102	0.111	1.0000
							M = 1.905		α = 03.98							
0.0000	-0.098	0.061	0.159	-0.162	0.159	0.321	-0.161	0.128	0.290	-0.116	0.187	0.302	-0.137	0.176		0.0000
0.0125	-0.114	0.038	0.152	-0.155	0.120	0.275	-0.159	0.113	0.272	-0.133	0.150	0.283		0.146		0.0125
0.0250	-0.121	0.024	0.145	-0.145	0.093	0.238	-0.157	0.100	0.258	-0.146	0.123	0.269		0.122		0.0250
0.0500	-0.106	0.024	0.130	-0.113	0.074	0.187	-0.161	0.080	0.241	-0.157	0.097	0.253	-0.150	0.095	0.245	0.0500
0.0750	-0.099	0.014	0.113	-0.162	0.049	0.211	-0.172	0.066	0.238	-0.167	0.081	0.248	-0.153	0.077	0.231	0.0750
0.1000	-0.098	0.003	0.101	-0.170	0.035	0.205	-0.174	0.054	0.229	-0.175	0.059	0.233	-0.154	0.056	0.210	0.1000
0.1500	-0.118	-0.009	0.109	-0.172	0.013	0.185	-0.177	0.033	0.210	-0.182	0.037	0.219	-0.158	0.036	0.194	0.1500
0.2000	-0.116	-0.020	0.095	-0.163	-0.002	0.160	-0.178	0.018	0.196	-0.183	0.019	0.202	-0.163	0.022	0.185	0.2000
0.3000	-0.122	-0.015	0.107	-0.156	-0.021	0.135	-0.176	-0.011	0.166	-0.183	-0.005	0.178	-0.171	0.003	0.174	0.3000
0.4000	-0.115	-0.042	0.073	-0.154	-0.041	0.113	-0.172	-0.026	0.146	-0.185	-0.016	0.170	-0.177	-0.010	0.167	0.4000
0.5000	-0.142	-0.064	0.078	-0.156	-0.053	0.103	-0.168	-0.040	0.128	-0.183	-0.029	0.154	-0.185	-0.019	0.166	0.5000
0.6000	-0.138	-0.061	0.077	-0.154	-0.060	0.094	-0.165			-0.184	-0.035	0.149	-0.188	-0.029	0.159	0.6000
0.6170								-0.050								0.6170
0.7000	-0.143	-0.063	0.080	-0.155	-0.062	0.092	-0.163	-0.053	0.110	-0.185	-0.043	0.143	-0.191			0.7000
0.7100														-0.033		0.7100
0.8000		-0.076		-0.151	-0.063	0.088	-0.165	-0.052	0.113	-0.185	-0.043	0.143	-0.194			0.8000
0.8100														-0.042		0.8100
0.9000	-0.153	-0.084	0.069	-0.159			-0.175	-0.045	0.130	-0.177	-0.049	0.128	-0.179			0.9000
1.0000	-0.158	-0.087	0.071	-0.178	-0.063	0.115	-0.194	-0.032	0.161	-0.160	-0.061	0.099	-0.146	-0.070	0.109	1.0000
							M = 2.231		α = -03.78							
0.0000	-0.002	0.103	0.105	0.006	0.200	0.194	-0.029	0.240	0.269	0.038	0.309	0.271	-0.006	0.283		0.0000
0.0125	-0.011	0.116	0.127	-0.022	0.216	0.238	-0.030	0.220	0.250	0.006	0.262	0.256		0.265		0.0125
0.0250	-0.018	0.121	0.139	-0.032	0.219	0.251	-0.033	0.203	0.236	-0.016	0.230	0.246		0.247		0.0250
0.0500	-0.029	0.104	0.133	0.005	0.182	0.177	-0.046	0.181	0.227	-0.032	0.206	0.238	-0.020	0.214	0.234	0.0500
0.0750	-0.029	0.119	0.148	-0.057	0.155	0.213	-0.060	0.164	0.224	-0.048	0.188	0.236	-0.026	0.192	0.218	0.0750
0.1000	-0.019	0.104	0.123	-0.069	0.132	0.201	-0.067	0.149	0.216	-0.060	0.164	0.223	-0.030	0.169	0.199	0.1000
0.1500	-0.037	0.082	0.119	-0.079	0.107	0.186	-0.074	0.125	0.199	-0.071	0.138	0.209	-0.040	0.141	0.181	0.1500
0.2000	-0.034	0.080	0.114	-0.084	0.089	0.173	-0.080	0.106	0.186	-0.076	0.119	0.195	-0.048	0.125	0.173	0.2000
0.3000	-0.034	0.082	0.116	-0.079	0.067	0.146	-0.086	0.074	0.160	-0.081	0.090	0.171	-0.062	0.100	0.162	0.3000
0.4000	-0.033	0.045	0.078	-0.075	0.045	0.120	-0.094	0.056	0.150	-0.088	0.078	0.166	-0.073	0.084	0.157	0.4000
0.5000	-0.046	0.026	0.071	-0.076	0.026	0.101	-0.093	0.044	0.138	-0.090	0.064	0.154	-0.080	0.074	0.154	0.5000
0.6000	-0.043	0.022	0.064	-0.074	0.026	0.101	-0.091			-0.097	0.056	0.153	-0.087	0.063	0.151	0.6000
0.6170								0.033								0.6170
0.7000	-0.051	0.019	0.069	-0.072	0.022	0.093	-0.090	0.027	0.116	-0.103	0.048	0.151	-0.093			0.7000
0.7100														0.058		0.7100
0.8000		0.010		-0.067	0.018	0.085	-0.090	0.029	0.119	-0.110	0.047	0.156	-0.099			0.8000
0.8100														0.052		0.8100
0.9000	-0.071	-0.001	0.071	-0.073			-0.095	0.038	0.133	-0.107	0.040	0.147	-0.092			0.9000
1.0000	-0.084	-0.013	0.071	-0.090	0.014	0.104	-0.105	0.053	0.157	-0.095	0.027	0.122	-0.072	0.039	0.131	1.0000

NACA

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 2.231 α = 00.20															
0.0000	-0.048	0.049	0.096	-0.029	0.149	0.177	-0.056	0.180	0.236	-0.009	0.240	0.250	-0.041	0.211		0.0000
0.0125	-0.050	0.058	0.108	-0.052	0.159	0.211	-0.058	0.161	0.219	-0.033	0.200	0.233		0.204		0.0125
0.0250	-0.051	0.063	0.114	-0.059	0.160	0.219	-0.062	0.146	0.207	-0.050	0.172	0.221		0.193		0.0250
0.0500	-0.053	0.055	0.108	-0.026	0.133	0.159	-0.073	0.126	0.199	-0.064	0.149	0.214	-0.054	0.158	0.213	0.0500
0.0750	-0.048	0.052	0.100	-0.074	0.107	0.181	-0.085	0.110	0.195	-0.076	0.134	0.210	-0.059	0.140	0.199	0.0750
0.1000	-0.047	0.049	0.095	-0.093	0.083	0.176	-0.092	0.097	0.189	-0.087	0.112	0.199	-0.062	0.120	0.182	0.1000
0.1500	-0.062	0.029	0.091	-0.105	0.060	0.165	-0.099	0.076	0.175	-0.097	0.090	0.187	-0.070	0.094	0.164	0.1500
0.2000	-0.063	0.027	0.090	-0.108	0.040	0.148	-0.103	0.060	0.163	-0.100	0.073	0.173	-0.077	0.080	0.157	0.2000
0.3000	-0.066	0.033	0.099	-0.103	0.023	0.125	-0.110	0.031	0.141	-0.105	0.047	0.153	-0.088	0.058	0.146	0.3000
0.4000	-0.063	0.009	0.072	-0.100	0.009	0.108	-0.116	0.015	0.131	-0.111	0.039	0.149	-0.098	0.044	0.143	0.4000
0.5000	-0.078	-0.012	0.066	-0.102	-0.002	0.100	-0.116	0.005	0.121	-0.112	0.024	0.136	-0.105	0.034	0.139	0.5000
0.6000	-0.075	-0.013	0.062	-0.102	-0.010	0.092	-0.116			-0.117	0.018	0.135	-0.111	0.026	0.137	0.6000
0.6170								-0.002								0.6170
0.7000	-0.080	-0.016	0.064	-0.099	-0.012	0.087	-0.114	-0.009	0.105	-0.123	0.011	0.133	-0.115			0.7000
0.7100														0.022		0.7100
0.8000		-0.025		-0.096	-0.017	0.079	-0.115	-0.007	0.108	-0.127	0.011	0.139	-0.122			0.8000
0.8100														0.016		0.8100
0.9000	-0.099	-0.035	0.064	-0.102			-0.119	0.000	0.119	-0.126	0.005	0.131	-0.114			0.9000
1.0000	-0.113	-0.046	0.066	-0.117	-0.035	0.083	-0.127	0.012	0.138	-0.118	-0.009	0.109	-0.094	-0.004	0.111	1.0000
	M = 2.227 α = 04.28															
0.0000	-0.082	0.026	0.108	-0.070	0.107	0.176	-0.087	0.129	0.216	-0.048	0.186	0.233	-0.074	0.160		0.0000
0.0125	-0.081	0.020	0.101	-0.081	0.110	0.191	-0.088	0.112	0.200	-0.069	0.146	0.215		0.152		0.0125
0.0250	-0.082	0.016	0.097	-0.080	0.107	0.187	-0.091	0.098	0.189	-0.084	0.119	0.203		0.141		0.0250
0.0500	-0.085	0.010	0.095	-0.042	0.084	0.126	-0.100	0.079	0.179	-0.095	0.100	0.194	-0.088	0.110	0.199	0.0500
0.0750	-0.080	0.014	0.094	-0.103	0.058	0.161	-0.110	0.067	0.177	-0.106	0.087	0.193	-0.092	0.093	0.185	0.0750
0.1000	-0.079	0.004	0.082	-0.116	0.041	0.157	-0.116	0.056	0.172	-0.114	0.067	0.181	-0.094	0.073	0.167	0.1000
0.1500	-0.095	-0.013	0.082	-0.124	0.023	0.147	-0.122	0.036	0.158	-0.124	0.048	0.172	-0.101	0.051	0.152	0.1500
0.2000	-0.091	-0.012	0.079	-0.129	0.007	0.136	-0.125	0.020	0.145	-0.126	0.032	0.158	-0.106	0.040	0.146	0.2000
0.3000	-0.094	-0.012	0.082	-0.127	-0.010	0.116	-0.130	-0.002	0.128	-0.129	0.010	0.139	-0.117	0.019	0.136	0.3000
0.4000	-0.091	-0.031	0.060	-0.125	-0.024	0.101	-0.137	-0.017	0.120	-0.134	0.003	0.137	-0.124	0.006	0.130	0.4000
0.5000	-0.110	-0.047	0.063	-0.125	-0.035	0.090	-0.136	-0.028	0.108	-0.135	-0.008	0.126	-0.129	-0.002	0.127	0.5000
0.6000	-0.101	-0.046	0.055	-0.127	-0.042	0.085	-0.136			-0.139	-0.016	0.123	-0.134	-0.010	0.124	0.6000
0.6170								-0.033								0.6170
0.7000	-0.111	-0.047	0.064	-0.124	-0.045	0.079	-0.136	-0.040	0.096	-0.143	-0.022	0.122	-0.136			0.7000
0.7100														-0.013		0.7100
0.8000		-0.051		-0.121	-0.049	0.073	-0.136	-0.039	0.097	-0.148	-0.021	0.127	-0.141			0.8000
0.8100														-0.018		0.8100
0.9000	-0.124	-0.064	0.060	-0.126			-0.140	-0.033	0.108	-0.146	-0.027	0.119	-0.136			0.9000
1.0000	-0.126	-0.085	0.042	-0.137	-0.059	0.078	-0.148	-0.022	0.127	-0.137	-0.038	0.099	-0.120	-0.037	0.099	1.0000
	M = 2.231 α = 08.21															
0.0000	-0.103	0.049	0.152	-0.090	0.120	0.210	-0.106	0.090	0.195	-0.079	0.143	0.222	-0.111	0.118		0.0000
0.0125	-0.111	0.016	0.127	-0.098	0.088	0.185	-0.108	0.076	0.184	-0.095	0.109	0.204		0.113		0.0125
0.0250	-0.115	-0.003	0.113	-0.094	0.065	0.159	-0.110	0.065	0.175	-0.106	0.084	0.191		0.104		0.0250
0.0500	-0.115	-0.002	0.113	-0.054	0.046	0.101	-0.119	0.047	0.166	-0.116	0.066	0.182	-0.114	0.077	0.191	0.0500
0.0750	-0.110	-0.010	0.100	-0.113	0.025	0.139	-0.127	0.034	0.162	-0.126	0.053	0.179	-0.116	0.060	0.175	0.0750
0.1000	-0.105	-0.001	0.104	-0.127	0.020	0.147	-0.133	0.026	0.159	-0.134	0.037	0.171	-0.118	0.043	0.161	0.1000
0.1500	-0.114	-0.028	0.086	-0.139	0.001	0.140	-0.138	0.010	0.148	-0.141	0.021	0.161	-0.123	0.022	0.146	0.1500
0.2000	-0.120	-0.029	0.090	-0.142	-0.017	0.125	-0.141	-0.005	0.136	-0.143	0.006	0.149	-0.128	0.010	0.138	0.2000
0.3000	-0.118	-0.039	0.078	-0.146	-0.032	0.113	-0.146	-0.028	0.118	-0.146	-0.015	0.131	-0.136	-0.009	0.127	0.3000
0.4000	-0.114	-0.061	0.053	-0.145	-0.046	0.100	-0.151	-0.043	0.108	-0.150	-0.021	0.129	-0.142	-0.020	0.122	0.4000
0.5000	-0.121	-0.074	0.047	-0.144	-0.056	0.087	-0.154	-0.050	0.104	-0.150	-0.032	0.117	-0.147	-0.027	0.119	0.5000
0.6000	-0.124	-0.073	0.051	-0.146	-0.065	0.081	-0.153			-0.153	-0.037	0.116	-0.151	-0.034	0.116	0.6000
0.6170								-0.057								0.6170
0.7000	-0.125	-0.074	0.051	-0.145	-0.073	0.073	-0.154	-0.061	0.093	-0.156	-0.044	0.112	-0.153			0.7000
0.7100														-0.038		0.7100
0.8000		-0.077		-0.143	-0.073	0.070	-0.155	-0.063	0.093	-0.160	-0.045	0.115	-0.157			0.8000
0.8100														-0.042		0.8100
0.9000	-0.140	-0.084	0.056	-0.146			-0.159	-0.060	0.099	-0.158	-0.049	0.109	-0.149			0.9000
1.0000	-0.155	-0.097	0.058	-0.155	-0.054	0.101	-0.166	-0.055	0.111	-0.150	-0.055	0.095	-0.130	-0.056	0.093	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W - Concluded

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M= 2.234 α = 12.19															
0.0000	-0.113	0.084	0.197	-0.093	0.097	0.190	-0.118	0.068	0.186	-0.096	0.109	0.205	-0.124	0.055		0.0000
0.0125	-0.120	0.031	0.150	-0.104	0.071	0.175	-0.119	0.054	0.173	-0.111	0.080	0.191		0.070		0.0125
0.0250	-0.125	-0.003	0.122	-0.103	0.052	0.155	-0.121	0.042	0.163	-0.122	0.059	0.181		0.073		0.0250
0.0500	-0.132	-0.009	0.123	-0.064	0.034	0.098	-0.130	0.023	0.153	-0.131	0.040	0.171	-0.129	0.045	0.174	0.0500
0.0750	-0.131	-0.025	0.106	-0.112	0.008	0.120	-0.139	0.011	0.150	-0.139	0.029	0.168	-0.131	0.034	0.165	0.0750
0.1000	-0.126	-0.024	0.102	-0.134	-0.007	0.127	-0.143	0.003	0.146	-0.146	0.014	0.160	-0.133	0.016	0.148	0.1000
0.1500	-0.134	-0.045	0.089	-0.146	-0.014	0.132	-0.148	-0.012	0.135	-0.153	-0.003	0.150	-0.138	-0.002	0.136	0.1500
0.2000	-0.139	-0.053	0.086	-0.150	-0.027	0.123	-0.150	-0.025	0.126	-0.154	-0.015	0.139	-0.142	-0.011	0.130	0.2000
0.3000	-0.139	-0.070	0.069	-0.154	-0.058	0.097	-0.154	-0.043	0.111	-0.157	-0.033	0.124	-0.147	-0.029	0.118	0.3000
0.4000	-0.136	-0.082	0.055	-0.157	-0.066	0.092	-0.159	-0.058	0.101	-0.159	-0.037	0.122	-0.154	-0.039	0.115	0.4000
0.5000	-0.136	-0.105	0.032	-0.159	-0.077	0.082	-0.161	-0.068	0.093	-0.158	-0.049	0.109	-0.156	-0.045	0.111	0.5000
0.6000	-0.136	-0.103	0.033	-0.161	-0.089	0.072	-0.164			-0.161	-0.055	0.106	-0.160	-0.052	0.108	0.6000
0.6170								-0.076								0.6170
0.7000	-0.132	-0.100	0.032	-0.161	-0.094	0.067	-0.166	-0.081	0.085	-0.163	-0.061	0.102	-0.162			0.7000
0.7100														-0.055		0.7100
0.8000		-0.101		-0.159	-0.101	0.058	-0.168	-0.083	0.085	-0.167	-0.063	0.105	-0.165			0.8000
0.8100														-0.059		0.8100
0.9000	-0.150	-0.107	0.044	-0.164			-0.173	-0.080	0.092	-0.166	-0.068	0.097	-0.159			0.9000
1.0000	-0.171	-0.117	0.054	-0.177	-0.116	0.061	-0.179	-0.073	0.106	-0.158	-0.078	0.080	-0.143	-0.067	0.092	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 0.704 α = -04.33															
0.0000	-0.357	0.218	0.575	-0.991	0.323	1.314	-0.771	0.307	1.078	-0.689	0.459	1.148	-0.679	0.405		0.0000
0.0125	-0.287	0.185	0.472	-0.855	0.250	1.105	-0.796	0.261	1.056	-0.693	0.339	1.033		0.322		0.0125
0.0250	-0.240	0.158	0.398	-0.701	0.197	0.898	-0.802	0.222	1.024	-0.698	0.256	0.954		0.262		0.0250
0.0500	-0.213	0.125	0.338	-0.339	0.152	0.491	-0.754	0.169	0.923	-0.705	0.198	0.903	-0.654	0.205	0.859	0.0500
0.0750	-0.210	0.102	0.312	-0.319	0.114	0.432	-0.618	0.138	0.756	-0.681	0.169	0.850	-0.633	0.175	0.808	0.0750
0.1000	-0.212	0.084	0.296	-0.299	0.089	0.388	-0.516	0.117	0.633	-0.639	0.133	0.772	-0.606	0.142	0.748	0.1000
0.1500	-0.187	0.065	0.252	-0.251	0.059	0.310	-0.346	0.086	0.432	-0.548	0.099	0.647	-0.548	0.105	0.652	0.1500
0.2000	-0.194	0.046	0.240	-0.225	0.042	0.267	-0.262	0.069	0.330	-0.436	0.077	0.512	-0.473	0.086	0.559	0.2000
0.3000	-0.175	0.009	0.184	-0.197	0.023	0.220	-0.201	0.041	0.242	-0.252	0.054	0.306	-0.317	0.052	0.369	0.3000
0.4000	-0.172	0.004	0.176	-0.164	0.015	0.179	-0.163	0.027	0.190	-0.164	0.041	0.204	-0.195	0.032	0.226	0.4000
0.5000	-0.159	0.007	0.166	-0.146	0.011	0.156	-0.134	0.022	0.155	-0.131	0.031	0.163	-0.141	0.013	0.154	0.5000
0.6000	-0.125	0.002	0.128	-0.115	0.009	0.124	-0.107			-0.118	0.028	0.147	-0.103	0.005	0.107	0.6000
0.6170								0.028								0.6170
0.7000	-0.134	-0.001	0.133	-0.094	0.023	0.117	-0.085	0.030	0.115	-0.102	0.027	0.129	-0.078			0.7000
0.7100														0.001		0.7100
0.8000		0.007		-0.068	0.034	0.102	-0.074	0.050	0.124	-0.073	0.028	0.101	-0.046			0.8000
0.8100														-0.008		0.8100
0.9000	-0.064	0.025	0.090	-0.028			-0.039	0.038	0.077	-0.013	0.011	0.024	-0.029			0.9000
1.0000	0.014	0.054	0.040	0.024	0.050	0.026	0.019	-0.007	-0.026	0.079	-0.024	-0.102	-0.026	-0.037	-0.008	1.0000
	M = 0.699 α = -00.10															
0.0000	-0.353	0.168	0.521	-0.984	0.283	1.267	-0.766	0.275	1.041	-0.656	0.390	1.046	-0.621	0.355		0.0000
0.0125	-0.296	0.135	0.431	-0.871	0.218	1.089	-0.785	0.228	1.013	-0.659	0.298	0.957		0.285		0.0125
0.0250	-0.259	0.110	0.369	-0.731	0.170	0.901	-0.792	0.191	0.983	-0.661	0.232	0.894		0.232		0.0250
0.0500	-0.242	0.083	0.326	-0.368	0.122	0.490	-0.769	0.148	0.917	-0.666	0.177	0.844	-0.595	0.181	0.777	0.0500
0.0750	-0.242	0.062	0.305	-0.346	0.085	0.431	-0.654	0.119	0.773	-0.654	0.146	0.800	-0.583	0.156	0.739	0.0750
0.1000	-0.245	0.047	0.292	-0.323	0.061	0.384	-0.553	0.100	0.653	-0.632	0.117	0.749	-0.571	0.124	0.695	0.1000
0.1500	-0.224	0.032	0.256	-0.271	0.038	0.310	-0.362	0.067	0.429	-0.579	0.087	0.667	-0.540	0.091	0.631	0.1500
0.2000	-0.228	0.017	0.245	-0.245	0.022	0.268	-0.265	0.049	0.314	-0.480	0.063	0.543	-0.486	0.074	0.560	0.2000
0.3000	-0.204	-0.010	0.195	-0.215	0.007	0.222	-0.200	0.028	0.228	-0.272	0.046	0.318	-0.333	0.045	0.378	0.3000
0.4000	-0.194	-0.015	0.179	-0.177	0.002	0.178	-0.172	0.017	0.189	-0.162	0.033	0.195	-0.208	0.023	0.230	0.4000
0.5000	-0.175	-0.007	0.169	-0.156	0.007	0.163	-0.144	0.013	0.157	-0.127	0.027	0.154	-0.148	0.006	0.154	0.5000
0.6000	-0.137	-0.007	0.131	-0.122	0.005	0.127	-0.112			-0.117	0.023	0.141	-0.114	-0.001	0.113	0.6000
0.6170								0.020								0.6170
0.7000	-0.143	-0.007	0.137	-0.103	0.018	0.120	-0.091	0.024	0.115	-0.099	0.020	0.119	-0.086			0.7000
0.7100														-0.007		0.7100
0.8000		0.006		-0.073	0.030	0.103	-0.082	0.045	0.127	-0.062	0.017	0.079	-0.054			0.8000
0.8100														-0.013		0.8100
0.9000	-0.073	0.023	0.097	-0.029			-0.047	0.033	0.080	-0.021		0.021	-0.039			0.9000
1.0000	0.003	0.047	0.044	0.030	0.053	0.023	0.014	-0.011	-0.026	0.022	-0.032	-0.054	-0.041	-0.025	0.014	1.0000
	M = 0.698 α = 03.83															
0.0000	-0.381	0.134	0.514	-1.031	0.267	1.297	-0.782	0.266	1.048	-0.656	0.376	1.032	-0.575	0.319		0.0000
0.0125	-0.329	0.103	0.431	-0.903	0.199	1.103	-0.797	0.220	1.017	-0.651	0.285	0.936		0.263		0.0125
0.0250	-0.294	0.078	0.372	-0.754	0.149	0.903	-0.802	0.184	0.986	-0.649	0.221	0.871		0.220		0.0250
0.0500	-0.274	0.051	0.325	-0.389	0.101	0.490	-0.784	0.141	0.925	-0.654	0.173	0.827	-0.556	0.173	0.729	0.0500
0.0750	-0.273	0.030	0.303	-0.366	0.067	0.433	-0.670	0.112	0.782	-0.648	0.145	0.792	-0.548	0.151	0.699	0.0750
0.1000	-0.276	0.018	0.294	-0.345	0.047	0.392	-0.569	0.092	0.661	-0.633	0.113	0.746	-0.541	0.124	0.665	0.1000
0.1500	-0.251	0.003	0.253	-0.294	0.022	0.316	-0.366	0.065	0.431	-0.586	0.084	0.670	-0.526	0.088	0.615	0.1500
0.2000	-0.253	-0.009	0.244	-0.263	0.009	0.272	-0.259	0.047	0.307	-0.490	0.065	0.555	-0.489	0.075	0.564	0.2000
0.3000	-0.225	-0.033	0.193	-0.228	-0.002	0.226	-0.200	0.028	0.228	-0.263	0.047	0.310	-0.348	0.046	0.394	0.3000
0.4000	-0.210	-0.031	0.179	-0.189	-0.001	0.188	-0.172	0.022	0.193	-0.149	0.038	0.187	-0.226	0.027	0.253	0.4000
0.5000	-0.189	-0.018	0.171	-0.165	0.005	0.170	-0.137	0.018	0.155	-0.119	0.032	0.150	-0.160	0.009	0.168	0.5000
0.6000	-0.147	-0.013	0.134	-0.130	0.006	0.135	-0.108			-0.110	0.032	0.142	-0.114	0.001	0.115	0.6000
0.6170								0.025								0.6170
0.7000	-0.148	-0.010	0.138	-0.106	0.020	0.126	-0.089	0.031	0.119	-0.096	0.029	0.125	-0.082			0.7000
0.7100														-0.002		0.7100
0.8000		0.004		-0.077	0.032	0.109	-0.074	0.049	0.123	-0.056	0.021	0.077	-0.048			0.8000
0.8100														-0.009		0.8100
0.9000	-0.071	0.025	0.096	-0.031			-0.044	0.040	0.083	-0.009	0.004	0.013	-0.033			0.9000
1.0000	0.007	0.053	0.045	0.032	0.050	0.018	0.004	0.003	-0.001	0.045	-0.021	-0.066	-0.034	-0.028	0.004	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.699	α = 07.90								
0.0000	-0.515	0.108	0.623	-1.287	0.258	1.545	-0.865	0.260	1.125	-0.729	0.356	1.086	-0.584	0.301		0.0000
0.0125	-0.444	0.070	0.515	-1.033	0.181	1.214	-0.907	0.214	1.120	-0.728	0.276	1.004		0.249		0.0125
0.0250	-0.394	0.040	0.435	-0.804	0.124	0.928	-0.916	0.176	1.093	-0.727	0.217	0.944		0.209		0.0250
0.0500	-0.356	0.006	0.362	-0.420	0.070	0.490	-0.839	0.129	0.969	-0.730	0.163	0.893	-0.578	0.164	0.743	0.0500
0.0750	-0.350	-0.021	0.329	-0.422	0.034	0.456	-0.666	0.100	0.766	-0.718	0.136	0.854	-0.573	0.138	0.711	0.0750
0.1000	-0.350	-0.039	0.312	-0.400	0.012	0.412	-0.543	0.080	0.624	-0.694	0.103	0.797	-0.568	0.111	0.679	0.1000
0.1500	-0.308	-0.053	0.255	-0.340	-0.016	0.324	-0.366	0.051	0.417	-0.612	0.077	0.689	-0.558	0.082	0.640	0.1500
0.2000	-0.304	-0.070	0.234	-0.304	-0.028	0.276	-0.294	0.032	0.327	-0.475	0.057	0.533	-0.527	0.064	0.591	0.2000
0.3000	-0.264	-0.098	0.166	-0.260	-0.035	0.224	-0.239	0.012	0.251	-0.246	0.040	0.286	-0.399	0.036	0.436	0.3000
0.4000	-0.242	-0.088	0.154	-0.216	-0.030	0.186	-0.197	0.008	0.205	-0.161	0.029	0.190	-0.252	0.018	0.270	0.4000
0.5000	-0.214	-0.064	0.150	-0.189	-0.021	0.168	-0.166	0.007	0.173	-0.140	0.022	0.162	-0.168	0.000	0.168	0.5000
0.6000	-0.166	-0.052	0.114	-0.151	-0.016	0.135	-0.132			-0.130	0.019	0.150	-0.120	-0.005	0.115	0.6000
0.6170								0.021								0.6170
0.7000	-0.172	-0.044	0.128	-0.125	0.001	0.126	-0.110	0.024	0.134	-0.113	0.018	0.131	-0.081			0.7000
0.7100														-0.012		0.7100
0.8000		-0.024		-0.094	0.017	0.111	-0.095	0.042	0.137	-0.072	0.014	0.086	-0.050			0.8000
0.8100														-0.017		0.8100
0.9000	-0.093	-0.001	0.092	-0.049			-0.057	0.031	0.089	-0.027	-0.002	0.025	-0.040			0.9000
1.0000	-0.008	0.024	0.032	0.009	0.049	0.040	0.002	-0.007	-0.009	0.022	-0.028	-0.051	-0.051	-0.024	0.015	1.0000
							M = 0.702	α = 11.74								
0.0000	-0.639	0.076	0.715	-1.588	0.244	1.832	-1.008	0.288	1.295	-0.881	0.414	1.296	-0.663	0.318		0.0000
0.0125	-0.569	0.031	0.600	-1.192	0.148	1.340	-1.091	0.224	1.315	-0.891	0.312	1.203		0.268		0.0125
0.0250	-0.513	-0.005	0.508	-0.879	0.077	0.956	-1.095	0.175	1.269	-0.896	0.238	1.135		0.228		0.0250
0.0500	-0.441	-0.050	0.391	-0.498	0.015	0.513	-0.861	0.121	0.982	-0.894	0.180	1.074	-0.655	0.178	0.833	0.0500
0.0750	-0.434	-0.082	0.352	-0.505	-0.028	0.477	-0.605	0.090	0.695	-0.827	0.150	0.978	-0.648	0.151	0.799	0.0750
0.1000	-0.425	-0.106	0.318	-0.475	-0.054	0.422	-0.500	0.065	0.565	-0.740	0.114	0.854	-0.640	0.123	0.762	0.1000
0.1500	-0.365	-0.128	0.237	-0.400	-0.085	0.315	-0.393	0.030	0.423	-0.567	0.085	0.651	-0.619	0.091	0.710	0.1500
0.2000	-0. 53	-0.149	0.204	-0.353	-0.100	0.254	-0.344	0.011	0.355	-0.403	0.064	0.467	-0.577	0.073	0.650	0.2000
0.3000	-0.296	-0.182	0.114	-0.297	-0.104	0.193	-0.282	-0.006	0.276	-0.246	0.045	0.291	-0.416	0.043	0.459	0.3000
0.4000	-0.259	-0.162	0.097	-0.244	-0.093	0.151	-0.233	-0.009	0.223	-0.194	0.033	0.227	-0.236	0.022	0.258	0.4000
0.5000	-0.226	-0.124	0.102	-0.212	-0.078	0.134	-0.194	-0.008	0.186	-0.170	0.027	0.197	-0.146	0.003	0.149	0.5000
0.6000	-0.168	-0.097	0.072	-0.170	-0.068	0.101	-0.158			-0.156	0.025	0.181	-0.105	-0.005	0.100	0.6000
0.6170								0.001								0.6170
0.7000	-0.173	-0.075	0.098	-0.142	-0.048	0.094	-0.135	0.008	0.144	-0.136	0.023	0.159	-0.081			0.7000
0.7100														-0.011		0.7100
0.8000		-0.044		-0.109	-0.018	0.091	-0.120	0.031	0.151	-0.090	0.020	0.110	-0.050			0.8000
0.8100														-0.019		0.8100
0.9000	-0.096	-0.020	0.076	-0.062			-0.079	0.025	0.104	-0.038	-0.003	0.035	-0.041			0.9000
1.0000	-0.013	-0.001	0.011	-0.001	0.071	0.072	-0.011	-0.009	0.002	0.020	-0.047	-0.067	-0.055	-0.039	0.003	1.0000
							M = 0.702	α = 15.76								
0.0000	-0.743	0.007	0.750	-1.509	0.159	1.668	-1.134	0.231	1.365	-1.214	0.534	1.748	-0.857	0.387		0.0000
0.0125	-0.677	-0.049	0.628	-1.313	0.048	1.361	-1.302	0.156	1.457	-1.234	0.392	1.626		0.317		0.0125
0.0250	-0.621	-0.092	0.529	-1.098	-0.032	1.066	-1.309	0.098	1.407	-1.229	0.292	1.521		0.264		0.0250
0.0500	-0.538	-0.140	0.398	-0.607	-0.100	0.507	-0.843	0.032	0.876	-1.145	0.218	1.363	-0.838	0.207	1.045	0.0500
0.0750	-0.534	-0.177	0.358	-0.613	-0.155	0.458	-0.622	-0.008	0.614	-0.888	0.175	1.062	-0.817	0.179	0.996	0.0750
0.1000	-0.524	-0.203	0.321	-0.581	-0.183	0.398	-0.575	-0.038	0.537	-0.694	0.128	0.822	-0.788	0.145	0.933	0.1000
0.1500	-0.448	-0.229	0.219	-0.486	-0.225	0.261	-0.493	-0.081	0.412	-0.491	0.092	0.583	-0.706	0.109	0.815	0.1500
0.2000	-0.423	-0.254	0.169	-0.427	-0.237	0.189	-0.440	-0.104	0.336	-0.386	0.068	0.454	-0.590	0.088	0.677	0.2000
0.3000	-0.343	-0.287	0.056	-0.354	-0.233	0.121	-0.361	-0.115	0.246	-0.302	0.046	0.349	-0.351	0.053	0.404	0.3000
0.4000	-0.292	-0.254	0.038	-0.283	-0.210	0.073	-0.301	-0.110	0.192	-0.253	0.033	0.286	-0.211	0.030	0.241	0.4000
0.5000	-0.244	-0.199	0.045	-0.242	-0.180	0.061	-0.253	-0.104	0.149	-0.221	0.024	0.245	-0.162	0.011	0.173	0.5000
0.6000	-0.180	-0.154	0.026	-0.196	-0.153	0.043	-0.211			-0.200	0.024	0.224	-0.134		0.134	0.6000
0.6170								-0.085								0.6170
0.7000	-0.175	-0.114	0.062	-0.165	-0.122	0.043	-0.187	-0.070	0.117	-0.178	0.021	0.199	-0.107			0.7000
0.7100														-0.008		0.7100
0.8000		-0.066		-0.131	-0.087	0.044	-0.170	-0.037	0.133	-0.129	0.018	0.147	-0.067			0.8000
0.8100														-0.020		0.8100
0.9000	-0.098	-0.034	0.064	-0.084			-0.132	-0.038	0.094	-0.066	-0.011	0.054	-0.052			0.9000
1.0000	-0.025	-0.018	0.007	-0.022	-0.005	0.017	-0.072	-0.073		0.012	-0.067	-0.080	-0.061	-0.057	-0.005	1.0000

NACA

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	Cp_L	Cp_R	ΔCp	Cp_L	Cp_R	ΔCp	Cp_L	Cp_R	ΔCp	Cp_L	Cp_R	ΔCp	Cp_L	Cp_R	ΔCp	
							M = 0.906		α = 03.69							
0.0000	-0.327	0.082	0.409	-0.835	0.195	1.060	-0.782	0.235	1.017	-0.609	0.348	0.957	-0.464	0.318		0.0000
0.0125	-0.286	0.058	0.344	-0.914	0.136	1.049	-0.774	0.188	0.963	-0.606	0.267	0.873		0.258		0.0125
0.0250	-0.261	0.039	0.300	-0.863	0.092	0.955	-0.770	0.153	0.923	-0.604	0.208	0.812		0.213		0.0250
0.0500	-0.256	0.018	0.274	-0.375	0.053	0.428	-0.774	0.117	0.891	-0.604	0.156	0.760	-0.479	0.168	0.647	0.0500
0.0750	-0.282	-0.005	0.277	-0.413	0.022	0.435	-0.748	0.093	0.841	-0.607	0.134	0.741	-0.479	0.146	0.625	0.0750
0.1000	-0.289	-0.020	0.269	-0.415	0.005	0.420	-0.672	0.075	0.746	-0.603	0.104	0.707	-0.474	0.118	0.592	0.1000
0.1500	-0.276	-0.031	0.245	-0.365	-0.015	0.350	-0.495	0.049	0.544	-0.571	0.080	0.651	-0.461	0.091	0.552	0.1500
0.2000	-0.305	-0.044	0.261	-0.316	-0.021	0.294	-0.333	0.033	0.367	-0.522	0.060	0.582	-0.450	0.074	0.524	0.2000
0.3000	-0.300	-0.069	0.231	-0.266	-0.022	0.244	-0.209	0.017	0.226	-0.391	0.044	0.435	-0.422	0.049	0.471	0.3000
0.4000	-0.267	-0.057	0.210	-0.197	-0.010	0.187	-0.171	0.015	0.186	-0.236	0.037	0.274	-0.365	0.030	0.395	0.4000
0.5000	-0.222	-0.032	0.190	-0.174		0.173	-0.136	0.017	0.153	-0.133	0.035	0.169	-0.291	0.010	0.300	0.5000
0.6000	-0.151	-0.016	0.134	-0.131	0.003	0.133	-0.110			-0.107	0.034	0.141	-0.204		0.204	0.6000
0.6170								0.025								0.6170
0.7000	-0.155	-0.009	0.145	-0.105	0.022	0.127	-0.086	0.032	0.117	-0.089	0.028	0.117	-0.115			0.7000
0.7100														-0.005		0.7100
0.8000		0.003		-0.071	0.039	0.110	-0.070	0.051	0.121	-0.045	0.023	0.068	-0.050			0.8000
0.8100														-0.008		0.8100
0.9000	-0.071	0.030	0.101	-0.018			-0.034	0.050	0.083	0.010	0.011	0.001	-0.018			0.9000
1.0000	0.017	0.072	0.055	0.055	0.065	0.010	0.024	0.028	0.004	0.077	-0.007	-0.084	-0.018	-0.010	0.008	1.0000
							M = 0.954		α = 03.73							
0.0000	-0.356	0.022	0.377	-0.742	0.134	0.875	-0.834	0.180	1.014	-0.700	0.368	1.068	-0.466	0.342		0.0000
0.0125	-0.319	-0.007	0.312	-0.828	0.067	0.896	-0.830	0.144	0.975	-0.688	0.285	0.973		0.279		0.0125
0.0250	-0.295	-0.028	0.267	-0.800	0.020	0.820	-0.832	0.117	0.948	-0.680	0.226	0.906		0.234		0.0250
0.0500	-0.284	-0.049	0.236	-0.396	-0.018	0.378	-0.848	0.084	0.932	-0.673	0.180	0.852	-0.486	0.194	0.680	0.0500
0.0750	-0.311	-0.074	0.237	-0.423	-0.050	0.373	-0.829	0.068	0.898	-0.665	0.158	0.822	-0.487	0.170	0.657	0.0750
0.1000	-0.334	-0.087	0.247	-0.437	-0.069	0.368	-0.687	0.058	0.745	-0.657	0.130	0.786	-0.484	0.144	0.628	0.1000
0.1500	-0. 09	-0.098	0.211	-0.414	-0.081	0.333	-0.498	0.039	0.538	-0.609	0.106	0.715	-0.472	0.114	0.586	0.1500
0.2000	-0.333	-0.110	0.223	-0.389	-0.076	0.313	-0.423	0.034	0.458	-0.545	0.088	0.633	-0.460	0.096	0.556	0.2000
0.3000	-0.347	-0.141	0.206	-0.382	-0.043	0.339	-0.271	0.030	0.301	-0.367	0.071	0.438	-0.414	0.070	0.484	0.3000
0.4000	-0.328	-0.110	0.218	-0.374	-0.010	0.363	-0.078	0.036	0.114	-0.155	0.059	0.214	-0.320	0.047	0.367	0.4000
0.5000	-0.374	-0.048	0.326	-0.161	0.014	0.175	-0.093	0.039	0.132	-0.087	0.055	0.142	-0.238	0.025	0.263	0.5000
0.6000	-0.214	-0.010	0.204	-0.062	0.018	0.080	-0.081			-0.091	0.050	0.141	-0.157	0.007	0.164	0.6000
0.6170								0.046								0.6170
0.7000	-0.140	0.003	0.143	-0.066	0.038	0.104	-0.067	0.053	0.120	-0.077	0.048	0.125	-0.090			0.7000
0.7100														-0.004		0.7100
0.8000		0.019		-0.045	0.054	0.099	-0.055	0.074	0.129	-0.029	0.039	0.068	-0.039			0.8000
0.8100														-0.003		0.8100
0.9000	-0.038	0.046	0.084	0.002			-0.016	0.069	0.085	0.029	0.021	-0.008	-0.009			0.9000
1.0000	-0.009	0.085	0.093	0.074	0.073	-0.001	0.050	0.038	-0.012	0.097	-0.006	-0.103	0.002	0.027	0.036	1.0000
							M = 0.995		α = 03.88							
0.0000	-0.360	-0.009	0.351	-0.738	0.078	0.815	-0.797	0.045	0.842	-0.847	0.192	1.038	-0.954	0.196		0.0000
0.0125	-0.331	-0.027	0.303	-0.794	0.017	0.811	-0.789	0.008	0.797	-0.838	0.074	0.912		0.138		0.0125
0.0250	-0.308	-0.043	0.264	-0.763	-0.027	0.737	-0.786	-0.023	0.763	-0.835	-0.007	0.828		0.096		0.0250
0.0500	-0.281	-0.069	0.212	-0.443	-0.066	0.377	-0.795	-0.064	0.731	-0.843	-0.058	0.785	-0.941	0.065	1.006	0.0500
0.0750	-0.313	-0.093	0.220	-0.456	-0.098	0.358	-0.802	-0.091	0.711	-0.861	-0.086	0.775	-0.938	0.063	1.001	0.0750
0.1000	-0.336	-0.111	0.225	-0.459	-0.118	0.341	-0.659	-0.108	0.552	-0.805	-0.117	0.688	-0.937	0.053	0.990	0.1000
0.1500	-0.317	-0.123	0.194	-0.412	-0.154	0.257	-0.488	-0.137	0.351	-0.637	-0.139	0.498	-0.920	0.048	0.968	0.1500
0.2000	-0.348	-0.141	0.207	-0.409	-0.164	0.245	-0.446	-0.165	0.281	-0.578	-0.148	0.430	-0.828	0.045	0.873	0.2000
0.3000	-0.362	-0.203	0.158	-0.387	-0.193	0.194	-0.463	-0.189	0.274	-0.523	-0.106	0.417	-0.492	0.046	0.539	0.3000
0.4000	-0.332	-0.214	0.118	-0.434	-0.206	0.228	-0.470	-0.194	0.276	-0.479	-0.036	0.444	-0.160	0.045	0.205	0.4000
0.5000	-0.415	-0.199	0.216	-0.430	-0.206	0.224	-0.444	-0.149	0.296	-0.393	0.016	0.409	-0.012	0.036	0.047	0.5000
0.6000	-0.368	-0.215	0.152	-0.420	-0.199	0.221	-0.411			-0.202	0.046	0.247	0.040	0.028	-0.012	0.6000
0.6170								-0.042								0.6170
0.7000	-0.452	-0.200	0.252	-0.407	-0.101	0.305	-0.256	0.041	0.298	-0.053	0.047	0.100	0.060			0.7000
0.7100														0.027		0.7100
0.8000		-0.136		-0.213	0.014	0.227	-0.049	0.054	0.103	0.040	0.054	0.014	0.081			0.8000
0.8100														0.038		0.8100
0.9000	-0.204	-0.016	0.188	-0.044			0.033	0.064	0.031	0.085	0.045	-0.040	0.082			0.9000
1.0000	0.128	0.160	0.033	0.100	0.298	0.197	-0.011	0.069	0.080	0.084	0.019	-0.065	0.065	0.088	0.006	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.047		α = 03.88							
0.0000	-0.304	0.029	0.334	-0.655	0.105	0.760	-0.722	0.067	0.789	-0.763	0.212	0.976	-0.854	0.148		0.0000
0.0125	-0.272	0.014	0.286	-0.700	0.047	0.747	-0.712	0.031	0.743	-0.750	0.093	0.843		0.074		0.0125
0.0250	-0.248		0.247	-0.682	0.006	0.688	-0.707	0.003	0.710	-0.741	0.013	0.754		0.020		0.0250
0.0500	-0.225	-0.026	0.199	-0.458	-0.025	0.433	-0.713	-0.030	0.683	-0.742	-0.033	0.708	-0.826	-0.028	0.799	0.0500
0.0750	-0.259	-0.051	0.207	-0.388	-0.064	0.324	-0.730	-0.056	0.674	-0.750	-0.058	0.692	-0.821	-0.048	0.773	0.0750
0.1000	-0.276	-0.068	0.209	-0.405	-0.089	0.316	-0.611	-0.078	0.534	-0.747	-0.090	0.658	-0.823	-0.067	0.756	0.1000
0.1500	-0.263	-0.082	0.181	-0.381	-0.126	0.255	-0.431	-0.110	0.321	-0.587	-0.109	0.478	-0.827	-0.063	0.764	0.1500
0.2000	-0.299	-0.106	0.193	-0.358	-0.135	0.224	-0.396	-0.132	0.264	-0.494	-0.132	0.362	-0.699	-0.053	0.646	0.2000
0.3000	-0.320	-0.173	0.146	-0.336	-0.159	0.178	-0.395	-0.161	0.234	-0.448	-0.148	0.300	-0.443	-0.020	0.423	0.3000
0.4000	-0.285	-0.180	0.105	-0.378	-0.170	0.208	-0.412	-0.170	0.242	-0.421	-0.123	0.298	-0.441	-0.006	0.435	0.4000
0.5000	-0.365	-0.162	0.203	-0.380	-0.176	0.204	-0.393	-0.168	0.225	-0.402	-0.067	0.335	-0.444	-0.016	0.428	0.5000
0.6000	-0.317	-0.183	0.134	-0.368	-0.183	0.185	-0.382			-0.402	-0.027	0.375	-0.357	-0.034	0.323	0.6000
0.6170								-0.109								0.6170
0.7000	-0.407	-0.176	0.230	-0.381	-0.143	0.238	-0.368	-0.056	0.311	-0.375	0.023	0.399	-0.067			0.7000
0.7100														-0.063		0.7100
0.8000		-0.159		-0.298	-0.025	0.272	-0.207	0.042	0.249	-0.130	0.009	0.138	0.019			0.8000
0.8100														-0.098		0.8100
0.9000	-0.246	-0.041	0.205	-0.118			-0.067	0.006	0.074	-0.019	-0.036	-0.017	0.002			0.9000
1.0000	0.006	0.178	0.172	0.159	0.443	0.284	0.051	-0.163	-0.213	-0.042	-0.109	-0.067	-0.118	-0.188	-0.190	1.0000
							M = 1.097		α = 03.88							
0.0000	-0.270	0.055	0.325	-0.605	0.144	0.750	-0.628	0.153	0.782	-0.679	0.285	0.964	-0.735	0.187		0.0000
0.0125	-0.247	0.037	0.284	-0.630	0.088	0.717	-0.621	0.120	0.741	-0.664	0.168	0.832		0.115		0.0125
0.0250	-0.225	0.024	0.249	-0.614	0.048	0.662	-0.616	0.094	0.710	-0.654	0.089	0.743		0.063		0.0250
0.0500	-0.186	0.010	0.197	-0.463	0.017	0.480	-0.616	0.062	0.677	-0.654	0.043	0.697	-0.730	0.019	0.749	0.0500
0.0750	-0.216	-0.016	0.200	-0.322	-0.010	0.312	-0.628	0.038	0.665	-0.660	0.014	0.674	-0.727	-0.005	0.722	0.0750
0.1000	-0.234	-0.029	0.205	-0.346	-0.027	0.318	-0.557	0.022	0.579	-0.657	-0.017	0.640	-0.722	-0.028	0.694	0.1000
0.1500	-0.216	-0.040	0.177	-0.313	-0.071	0.243	-0.341	-0.009	0.332	-0.521	-0.046	0.475	-0.733	-0.049	0.685	0.1500
0.2000	-0.244	-0.056	0.188	-0.295	-0.076	0.219	-0.298	-0.029	0.270	-0.421	-0.069	0.352	-0.630	-0.049	0.581	0.2000
0.3000	-0.258	-0.117	0.141	-0.251	-0.062	0.190	-0.293	-0.065	0.228	-0.374	-0.095	0.279	-0.369	0.002	0.371	0.3000
0.4000	-0.231	-0.111	0.119	-0.274	-0.067	0.207	-0.313	-0.091	0.221	-0.350	-0.099	0.251	-0.363	0.036	0.399	0.4000
0.5000	-0.275	-0.070	0.205	-0.277	-0.083	0.194	-0.309	-0.111	0.198	-0.339	-0.049	0.291	-0.368	0.048	0.416	0.5000
0.6000	-0.245	-0.087	0.157	-0.274	-0.101	0.173	-0.310			-0.339	-0.007	0.332	-0.336	0.040	0.377	0.6000
0.6170								-0.078								0.6170
0.7000	-0.294	-0.090	0.203	-0.290	-0.102	0.187	-0.307	-0.041	0.266	-0.334	0.075	0.409	-0.062			0.7000
0.7100														0.010		0.7100
0.8000		-0.098		-0.248	0.011	0.259	-0.225	0.099	0.324	-0.087	0.079	0.167	0.056			0.8000
0.8100														-0.042		0.8100
0.9000	-0.186	0.007	0.193	-0.077			-0.002	0.076	0.078	0.039	0.032	-0.008	0.057			0.9000
1.0000	-0.030	0.222	0.252	0.224	0.584	0.360	0.362	-0.112	-0.474	0.046	-0.068	-0.114	-0.059	-0.203	-0.260	1.0000
							M = 1.300		α = -04.13							
0.0000	-0.084	0.233	0.316	-0.367	0.279	0.645	-0.522	0.238	0.761	-0.501	0.380	0.882	-0.423	0.296		0.0000
0.0125	-0.081	0.211	0.292	-0.366	0.230	0.596	-0.457	0.213	0.670	-0.468	0.281	0.749		0.232		0.0125
0.0250	-0.077	0.189	0.265	-0.351	0.194	0.545	-0.414	0.193	0.606	-0.442	0.213	0.655		0.185		0.0250
0.0500	-0.063	0.143	0.206	-0.273	0.162	0.435	-0.392	0.165	0.557	-0.409	0.170	0.579	-0.452	0.142	0.593	0.0500
0.0750	-0.055	0.111	0.166	-0.193	0.134	0.328	-0.379	0.139	0.518	-0.386	0.149	0.535	-0.449	0.128	0.577	0.0750
0.1000	-0.060	0.129	0.189	-0.177	0.125	0.301	-0.380	0.123	0.503	-0.376	0.111	0.487	-0.434	0.098	0.532	0.1000
0.1500	-0.073	0.097	0.170	-0.145	0.090	0.234	-0.343	0.096	0.439	-0.373	0.082	0.454	-0.418	0.077	0.495	0.1500
0.2000	-0.074	0.072	0.146	-0.134	0.046	0.180	-0.181	0.079	0.260	-0.373	0.066	0.439	-0.378	0.059	0.437	0.2000
0.3000	-0.086	0.032	0.118	-0.123	0.042	0.165	-0.136	0.048	0.184	-0.261	0.043	0.304	-0.350	0.049	0.399	0.3000
0.4000	-0.066	0.019	0.085	-0.122	0.027	0.149	-0.138	0.039	0.177	-0.147	0.028	0.175	-0.342	0.024	0.365	0.4000
0.5000	-0.112	0.023	0.135	-0.127	0.030	0.158	-0.147	0.032	0.179	-0.156	0.009	0.165	-0.235	0.015	0.250	0.5000
0.6000	-0.114	0.019	0.133	-0.132	0.015	0.147	-0.154			-0.168	0.002	0.170	-0.179	0.004	0.183	0.6000
0.6170								0.014								0.6170
0.7000	-0.136	0.018	0.155	-0.138	0.001	0.139	-0.151	-0.001	0.150	-0.180	-0.001	0.179	-0.186			0.7000
0.7100														-0.002		0.7100
0.8000		-0.015		-0.152	-0.005	0.147	-0.166	-0.003	0.163	-0.194	-0.005	0.189	-0.190			0.8000
0.8100														-0.024		0.8100
0.9000	-0.151	-0.019	0.133	-0.170			-0.209	-0.001	0.208	-0.201	-0.023	0.178	-0.159			0.9000
1.0000	-0.144	0.006	0.150	-0.192	0.006	0.198	-0.281	0.005	0.286	-0.203	-0.056	0.147	-0.093	-0.108	0.051	1.0000

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TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	Cp_L	Cp_R	ΔCp	Cp_L	Cp_R	ΔCp	Cp_L	Cp_R	ΔCp	Cp_L	Cp_R	ΔCp	Cp_L	Cp_R	ΔCp	
							M = 1.300		α =-00.20							
0.0000	-0.132	0.143	0.275	-0.404	0.209	0.613	-0.528	0.159	0.688	-0.530	0.283	0.813	-0.463	0.219		0.0000
0.0125	-0.124	0.122	0.247	-0.392	0.159	0.551	-0.480	0.148	0.627	-0.496	0.198	0.694		0.169		0.0125
0.0250	-0.118	0.103	0.221	-0.374	0.124	0.498	-0.444	0.133	0.576	-0.471	0.140	0.611		0.129		0.0250
0.0500	-0.111	0.065	0.177	-0.317	0.100	0.417	-0.408	0.094	0.501	-0.447	0.106	0.553	-0.480	0.083	0.563	0.0500
0.0750	-0.109	0.048	0.157	-0.257	0.068	0.325	-0.408	0.070	0.478	-0.421	0.080	0.501	-0.476	0.066	0.542	0.0750
0.1000	-0.114	0.053	0.167	-0.228	0.053	0.281	-0.410	0.054	0.464	-0.410	0.051	0.461	-0.462	0.038	0.500	0.1000
0.1500	-0.122	0.030	0.152	-0.198	0.035	0.232	-0.375	0.035	0.410	-0.405	0.020	0.424	-0.429	0.014	0.443	0.1500
0.2000	-0.130	0.016	0.146	-0.186	-0.013	0.172	-0.235	0.016	0.251	-0.403	0.008	0.410	-0.416	0.001	0.417	0.2000
0.3000	-0.150	-0.031	0.119	-0.180	-0.016	0.163	-0.198	-0.016	0.182	-0.302	-0.012	0.289	-0.380	-0.013	0.367	0.3000
0.4000	-0.133	-0.037	0.096	-0.177	-0.036	0.140	-0.194	-0.025	0.170	-0.207	-0.022	0.185	-0.370	-0.027	0.343	0.4000
0.5000	-0.164	-0.039	0.125	-0.187	-0.033	0.154	-0.194	-0.035	0.159	-0.207	-0.039	0.167	-0.278	-0.035	0.243	0.5000
0.6000	-0.169	-0.039	0.130	-0.188	-0.042	0.146	-0.199			-0.208	-0.049	0.160	-0.212	-0.044	0.168	0.6000
0.6170								-0.045								0.6170
0.7000	-0.190	-0.036	0.154	-0.195	-0.051	0.143	-0.201	-0.051	0.150	-0.227	-0.055	0.172	-0.229			0.7000
0.7100														-0.053		0.7100
0.8000		-0.008		-0.207	-0.057	0.150	-0.215	-0.050	0.165	-0.242	-0.057	0.185	-0.240			0.8000
0.8100														-0.079		0.8100
0.9000	-0.200	-0.056	0.144	-0.222			-0.249	-0.046	0.203	-0.244	-0.065	0.179	-0.202			0.9000
1.0000	-0.189	-0.001	0.188	-0.241	-0.062	0.179	-0.303	-0.038	0.265	-0.234	-0.080	0.154	-0.116	-0.176	0.026	1.0000
							M = 1.299		α = 03.73							
0.0000	-0.164	0.050	0.214	-0.450	0.158	0.609	-0.551	0.116	0.667	-0.546	0.209	0.754	-0.530	0.183		0.0000
0.0125	-0.163	0.053	0.216	-0.420	0.109	0.529	-0.513	0.097	0.610	-0.519	0.145	0.664		0.122		0.0125
0.0250	-0.161	0.048	0.208	-0.392	0.074	0.466	-0.483	0.080	0.563	-0.499	0.099	0.598		0.079		0.0250
0.0500	-0.157	0.008	0.165	-0.341	0.049	0.390	-0.444	0.054	0.498	-0.479	0.055	0.535	-0.508	0.044	0.552	0.0500
0.0750	-0.157	-0.009	0.149	-0.306	0.021	0.327	-0.422	0.027	0.449	-0.446	0.037	0.483	-0.496	0.017	0.514	0.0750
0.1000	-0.163	-0.005	0.158	-0.289	0.003	0.292	-0.426	0.017	0.443	-0.435	0.010	0.445	-0.485	-0.002	0.483	0.1000
0.1500	-0.173	-0.026	0.147	-0.244	-0.013	0.231	-0.417	-0.009	0.408	-0.432	-0.016	0.416	-0.454	-0.021	0.434	0.1500
0.2000	-0.175	-0.041	0.134	-0.236	-0.055	0.181	-0.307	-0.027	0.280	-0.434	-0.038	0.396	-0.431	-0.037	0.393	0.2000
0.3000	-0.190	-0.078	0.112	-0.233	-0.066	0.167	-0.242	-0.063	0.179	-0.373	-0.057	0.317	-0.418	-0.058	0.360	0.3000
0.4000	-0.179	-0.090	0.089	-0.224	-0.086	0.138	-0.237	-0.078	0.159	-0.266	-0.068	0.198	-0.392	-0.064	0.329	0.4000
0.5000	-0.217	-0.092	0.125	-0.229	-0.087	0.142	-0.246	-0.081	0.165	-0.244	-0.081	0.163	-0.315	-0.071	0.244	0.5000
0.6000	-0.214	-0.095	0.120	-0.232	-0.090	0.142	-0.243			-0.249	-0.086	0.163	-0.261	-0.083	0.178	0.6000
0.6170								-0.087								0.6170
0.7000	-0.241	-0.089	0.152	-0.239	-0.097	0.141	-0.246	-0.093	0.154	-0.261	-0.092	0.169	-0.265			0.7000
0.7100														-0.091		0.7100
0.8000		-0.106		-0.254	-0.100	0.154	-0.254	-0.093	0.161	-0.273	-0.091	0.182	-0.284			0.8000
0.8100														-0.112		0.8100
0.9000	-0.241	-0.091	0.150	-0.267			-0.287	-0.083	0.204	-0.274	-0.100	0.173	-0.255			0.9000
1.0000	-0.214	-0.044	0.170	-0.278	-0.088	0.190	-0.345	-0.064	0.281	-0.264	-0.121	0.143	-0.178	-0.188	0.067	1.0000
							M = 1.299		α = 07.76							
0.0000	-0.247	0.036	0.283	-0.526	0.126	0.651	-0.535	0.087	0.622	-0.538	0.189	0.728	-0.524	0.134		0.0000
0.0125	-0.238	0.022	0.260	-0.465	0.070	0.534	-0.525	0.063	0.587	-0.531	0.102	0.633		0.082		0.0125
0.0250	-0.230	0.006	0.236	-0.417	0.032	0.448	-0.511	0.044	0.554	-0.527	0.042	0.569		0.043		0.0250
0.0500	-0.220	-0.032	0.188	-0.358	0.010	0.368	-0.472	0.023	0.495	-0.525	0.010	0.534	-0.525	0.005	0.530	0.0500
0.0750	-0.220	-0.073	0.147	-0.366	-0.017	0.350	-0.443	0.002	0.445	-0.517	-0.016	0.501	-0.519	-0.014	0.505	0.0750
0.1000	-0.223	-0.052	0.170	-0.356	-0.032	0.324	-0.426	-0.010	0.416	-0.492	-0.038	0.454	-0.510	-0.038	0.472	0.1000
0.1500	-0.224	-0.077	0.147	-0.342	-0.068	0.274	-0.419	-0.035	0.383	-0.469	-0.053	0.416	-0.478	-0.067	0.411	0.1500
0.2000	-0.229	-0.111	0.119	-0.309	-0.074	0.235	-0.414	-0.082	0.331	-0.458	-0.072	0.386	-0.461	-0.078	0.382	0.2000
0.3000	-0.237	-0.146	0.092	-0.274	-0.117	0.157	-0.314	-0.106	0.208	-0.447	-0.097	0.350	-0.444	-0.099	0.345	0.3000
0.4000	-0.222	-0.134	0.088	-0.269	-0.137	0.132	-0.282	-0.115	0.167	-0.371	-0.116	0.256	-0.425	-0.113	0.312	0.4000
0.5000	-0.272	-0.166	0.106	-0.299	-0.143	0.156	-0.289	-0.136	0.152	-0.325	-0.130	0.194	-0.407	-0.129	0.279	0.5000
0.6000	-0.258	-0.178	0.079	-0.289	-0.157	0.132	-0.303			-0.277	-0.137	0.140	-0.345	-0.136	0.209	0.6000
0.6170								-0.145								0.6170
0.7000	-0.279	-0.165	0.114	-0.274	-0.164	0.111	-0.294	-0.150	0.144	-0.291	-0.138	0.154	-0.308			0.7000
0.7100														-0.144		0.7100
0.8000		-0.179		-0.294	-0.159	0.136	-0.295	-0.144	0.152	-0.316	-0.140	0.175	-0.323			0.8000
0.8100														-0.161		0.8100
0.9000	-0.282	-0.146	0.136	-0.317			-0.328	-0.132	0.196	-0.315	-0.147	0.168	-0.301			0.9000
1.0000	-0.263	-0.065	0.198	-0.342	-0.114	0.228	-0.390	-0.114	0.277	-0.291	-0.158	0.133	-0.244	-0.224	0.077	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.299		α = 11.89							
0.0000	-0.330	0.009	0.339	-0.461	0.040	0.501	-0.460	0.059	0.519	-0.495	0.162	0.657	-0.518	0.100		0.0000
0.0125	-0.321	-0.012	0.309	-0.453	0.017	0.469	-0.461	0.035	0.497	-0.491	0.096	0.587		0.053		0.0125
0.0250	-0.314	-0.030	0.285	-0.441	-0.005	0.437	-0.460	0.016	0.477	-0.489	0.050	0.538		0.018		0.0250
0.0500	-0.307	-0.056	0.250	-0.409	-0.041	0.368	-0.449	-0.006	0.443	-0.489	0.019	0.508	-0.516	-0.021	0.495	0.0500
0.0750	-0.291	-0.145	0.145	-0.430	-0.092	0.338	-0.455	-0.030	0.425	-0.491	-0.003	0.487	-0.512	-0.048	0.463	0.0750
0.1000	-0.288	-0.130	0.158	-0.426	-0.112	0.313	-0.459	-0.048	0.411	-0.490	-0.031	0.459	-0.505	-0.063	0.441	0.1000
0.1500	-0.299	-0.146	0.153	-0.410	-0.136	0.274	-0.454	-0.078	0.375	-0.478	-0.057	0.421	-0.485	-0.098	0.386	0.1500
0.2000	-0.301	-0.167	0.134	-0.389	-0.165	0.224	-0.439	-0.111	0.328	-0.460	-0.091	0.369	-0.468	-0.116	0.351	0.2000
0.3000	-0.304	-0.228	0.077	-0.378	-0.198	0.181	-0.417	-0.137	0.280	-0.428	-0.137	0.291	-0.453	-0.143	0.310	0.3000
0.4000	-0.280	-0.212	0.069	-0.354	-0.221	0.134	-0.406	-0.168	0.238	-0.404	-0.159	0.244	-0.435	-0.160	0.275	0.4000
0.5000	-0.329	-0.247	0.081	-0.336	-0.238	0.098	-0.389	-0.207	0.182	-0.394	-0.180	0.214	-0.426	-0.169	0.257	0.5000
0.6000	-0.318	-0.251	0.067	-0.341	-0.248	0.094	-0.377			-0.392	-0.193	0.199	-0.417	-0.179	0.239	0.6000
0.6170								-0.226								0.6170
0.7000	-0.327	-0.255	0.072	-0.337	-0.276	0.060	-0.372	-0.238	0.134	-0.396	-0.201	0.196	-0.417			0.7000
0.7100														-0.185		0.7100
0.8000		-0.265		-0.353	-0.274	0.080	-0.368	-0.231	0.138	-0.400	-0.202	0.199	-0.408			0.8000
0.8100														-0.204		0.8100
0.9000	-0.334	-0.252	0.082	-0.375			-0.373	-0.209	0.164	-0.391	-0.204	0.187	-0.393			0.9000
1.0000	-0.333	-0.215	0.117	-0.401	-0.173	0.227	-0.386	-0.173	0.213	-0.368	-0.208	0.160	-0.371	-0.275	0.118	1.0000
							M = 1.300		α = 15.82							
0.0000	-0.369	-0.053	0.316	-0.472	-0.006	0.466	-0.423	-0.011	0.412	-0.390	0.197	0.587	-0.465	0.133		0.0000
0.0125	-0.364	-0.076	0.288	-0.473	-0.060	0.413	-0.413	-0.024	0.388	-0.404	0.135	0.539		0.080		0.0125
0.0250	-0.359	-0.095	0.264	-0.466	-0.095	0.371	-0.408	-0.037	0.371	-0.414	0.090	0.504		0.040		0.0250
0.0500	-0.353	-0.121	0.232	-0.430	-0.112	0.319	-0.416	-0.063	0.353	-0.426	0.051	0.477	-0.474	-0.004	0.471	0.0500
0.0750	-0.341	-0.204	0.138	-0.472	-0.146	0.326	-0.443	-0.092	0.351	-0.440	0.024	0.465	-0.472	-0.031	0.441	0.0750
0.1000	-0.346	-0.200	0.146	-0.477	-0.171	0.305	-0.456	-0.114	0.342	-0.448	-0.016	0.431	-0.465	-0.074	0.391	0.1000
0.1500	-0.358	-0.215	0.143	-0.457	-0.205	0.253	-0.470	-0.151	0.319	-0.451	-0.061	0.390	-0.445	-0.103	0.342	0.1500
0.2000	-0.359	-0.225	0.135	-0.437	-0.227	0.211	-0.476	-0.185	0.291	-0.450	-0.110	0.340	-0.443	-0.118	0.325	0.2000
0.3000	-0.359	-0.271	0.088	-0.433	-0.245	0.188	-0.480	-0.222	0.258	-0.442	-0.174	0.268	-0.430	-0.149	0.281	0.3000
0.4000	-0.325	-0.265	0.060	-0.432	-0.286	0.145	-0.472	-0.233	0.239	-0.440	-0.209	0.231	-0.431	-0.174	0.257	0.4000
0.5000	-0.375	-0.302	0.073	-0.402	-0.304	0.098	-0.454	-0.310	0.144	-0.446	-0.232	0.214	-0.436	-0.188	0.247	0.5000
0.6000	-0.355	-0.311	0.044	-0.389	-0.311	0.078	-0.449			-0.465	-0.255	0.210	-0.440	-0.205	0.236	0.6000
0.6170								-0.354								0.6170
0.7000	-0.370	-0.316	0.054	-0.380	-0.326	0.054	-0.455	-0.364	0.091	-0.480	-0.272	0.209	-0.448			0.7000
0.7100														-0.218		0.7100
0.8000		-0.329		-0.369	-0.349	0.020	-0.473	-0.369	0.104	-0.494	-0.275	0.219	-0.456			0.8000
0.8100														-0.235		0.8100
0.9000	-0.361	-0.292	0.069	-0.424			-0.483	-0.355	0.127	-0.491	-0.283	0.207	-0.444			0.9000
1.0000	-0.336	-0.204	0.132	-0.544	-0.420	0.124	-0.484	-0.323	0.161	-0.471	-0.298	0.173	-0.413	-0.281	0.163	1.0000
							M = 1.500		α = 03.73							
0.0000	-0.138	0.064	0.202	-0.338	0.159	0.497	-0.353	0.125	0.478	-0.334	0.208	0.543	-0.358	0.180		0.0000
0.0125	-0.130	0.056	0.186	-0.307	0.120	0.427	-0.342	0.107	0.449	-0.333	0.147	0.480		0.131		0.0125
0.0250	-0.124	0.047	0.171	-0.278	0.091	0.369	-0.333	0.091	0.424	-0.333	0.105	0.438		0.095		0.0250
0.0500	-0.116	0.025	0.141	-0.227	0.064	0.291	-0.322	0.065	0.387	-0.335	0.075	0.410	-0.336	0.062	0.398	0.0500
0.0750	-0.121	-0.004	0.117	-0.245	0.039	0.285	-0.313	0.047	0.360	-0.341	0.053	0.394	-0.330	0.042	0.372	0.0750
0.1000	-0.124	0.011	0.135	-0.240	0.025	0.265	-0.300	0.033	0.333	-0.341	0.026	0.366	-0.326	0.016	0.343	0.1000
0.1500	-0.131	-0.012	0.120	-0.225	-0.006	0.220	-0.283	0.017	0.300	-0.324	-0.002	0.322	-0.322	-0.006	0.316	0.1500
0.2000	-0.141	-0.038	0.103	-0.215	-0.011	0.204	-0.273	-0.004	0.269	-0.307	-0.020	0.287	-0.319	-0.019	0.301	0.2000
0.3000	-0.155	-0.065	0.090	-0.189	-0.050	0.139	-0.260	-0.037	0.223	-0.293	-0.039	0.255	-0.311	-0.036	0.275	0.3000
0.4000	-0.138	-0.045	0.093	-0.175	-0.060	0.116	-0.215	-0.051	0.165	-0.287	-0.049	0.238	-0.297	-0.048	0.249	0.4000
0.5000	-0.185	-0.077	0.108	-0.195	-0.072	0.123	-0.195	-0.065	0.129	-0.270	-0.068	0.202	-0.285	-0.055	0.230	0.5000
0.6000	-0.173	-0.084	0.089	-0.200	-0.078	0.122	-0.202			-0.227	-0.074	0.154	-0.278	-0.061	0.217	0.6000
0.6170								-0.078								0.6170
0.7000	-0.194	-0.079	0.115	-0.187	-0.086	0.101	-0.199	-0.084	0.115	-0.195	-0.074	0.122	-0.273			0.7000
0.7100														-0.065		0.7100
0.8000		-0.092		-0.196	-0.083	0.112	-0.194	-0.084	0.110	-0.206	-0.070	0.136	-0.267			0.8000
0.8100														-0.079		0.8100
0.9000	-0.203	-0.095	0.108	-0.221			-0.220	-0.067	0.153	-0.204	-0.078	0.126	-0.258			0.9000
1.0000	-0.192	-0.089	0.103	-0.263	-0.043	0.220	-0.276	-0.033	0.243	-0.189	-0.098	0.090	-0.246	-0.130	0.128	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued
(e) BV_5WC $\delta = 0.4°$- Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M= 1.700		α = 03.68							
0.0000	-0.123	0.056	0.179	-0.232	0.150	0.382	-0.231	0.118	0.349	-0.213	0.188	0.401	-0.220	0.180		0.0000
0.0125	-0.119	0.045	0.165	-0.225	0.114	0.339	-0.233	0.109	0.343	-0.218	0.141	0.359		0.140		0.0125
0.0250	-0.117	0.036	0.152	-0.214	0.089	0.303	-0.235	0.100	0.334	-0.223	0.108	0.331		0.110		0.0250
0.0500	-0.113	0.018	0.131	-0.177	0.071	0.248	-0.234	0.077	0.311	-0.230	0.082	0.312	-0.224	0.079	0.303	0.0500
0.0750	-0.115	-0.024	0.091	-0.217	0.046	0.263	-0.239	0.065	0.304	-0.245	0.068	0.314	-0.225	0.065	0.290	0.0750
0.1000	-0.122	-0.002	0.120	-0.215	0.026	0.241	-0.242	0.051	0.293	-0.246	0.045	0.291	-0.226	0.049	0.274	0.1000
0.1500	-0.131	-0.026	0.105	-0.205	0.004	0.209	-0.239	0.027	0.266	-0.249	0.019	0.268	-0.226	0.023	0.249	0.1500
0.2000	-0.138	-0.036	0.101	-0.195	-0.017	0.178	-0.231	0.006	0.238	-0.249	0.002	0.251	-0.227	0.013	0.240	0.2000
0.3000	-0.144	-0.071	0.073	-0.186	-0.030	0.155	-0.219	-0.022	0.197	-0.241	-0.011	0.229	-0.229	-0.006	0.223	0.3000
0.4000	-0.135	-0.036	0.099	-0.181	-0.056	0.125	-0.212	-0.041	0.171	-0.228	-0.032	0.196	-0.232	-0.022	0.210	0.4000
0.5000	-0.169	-0.076	0.092	-0.176	-0.065	0.111	-0.206	-0.054	0.151	-0.219	-0.038	0.181	-0.237	-0.034	0.203	0.5000
0.6000	-0.157	-0.081	0.076	-0.178	-0.071	0.107	-0.199			-0.214	-0.047	0.167	-0.238	-0.042	0.196	0.6000
0.6170								-0.066								0.6170
0.7000	-0.177	-0.083	0.094	-0.174	-0.075	0.100	-0.189	-0.071	0.118	-0.213	-0.053	0.160	-0.235			0.7000
0.7100														-0.047		0.7100
0.8000		-0.095		-0.175	-0.078	0.097	-0.182	-0.067	0.115	-0.216	-0.055	0.160	-0.224			0.8000
0.8100														-0.056		0.8100
0.9000	-0.184	-0.101	0.083	-0.187			-0.193	-0.059	0.134	-0.212	-0.062	0.150	-0.214			0.9000
1.0000	-0.171	-0.101	0.070	-0.212	-0.080	0.132	-0.221	-0.046	0.175	-0.203	-0.074	0.129	-0.206	-0.086	0.128	1.0000
							M = 1.906		α = 03.93							
0.0000	-0.095	0.061	0.157	-0.157	0.160	0.318	-0.153	0.141	0.294	-0.113	0.191	0.304	-0.136	0.186		0.0000
0.0125	-0.110	0.038	0.148	-0.151	0.126	0.277	-0.152	0.123	0.275	-0.131	0.154	0.285		0.155		0.0125
0.0250	-0.116	0.025	0.141	-0.141	0.100	0.242	-0.152	0.107	0.260	-0.143	0.127	0.270		0.130		0.0250
0.0500	-0.100	0.028	0.128	-0.112	0.077	0.189	-0.156	0.086	0.242	-0.154	0.101	0.254	-0.148	0.102	0.250	0.0500
0.0750	-0.093	0.015	0.108	-0.161	0.053	0.214	-0.167	0.072	0.239	-0.164	0.085	0.249	-0.150	0.084	0.235	0.0750
0.1000	-0.096	0.004	0.100	-0.170	0.037	0.207	-0.172	0.062	0.234	-0.172	0.062	0.234	-0.151	0.063	0.214	0.1000
0.1500	-0.115	-0.003	0.111	-0.170	0.019	0.189	-0.174	0.038	0.212	-0.179	0.038	0.217	-0.155	0.041	0.196	0.1500
0.2000	-0.114	-0.016	0.098	-0.162	0.002	0.164	-0.176	0.023	0.199	-0.181	0.020	0.201	-0.160	0.028	0.188	0.2000
0.3000	-0.121	-0.015	0.106	-0.153	-0.018	0.135	-0.175	-0.006	0.168	-0.181	-0.003	0.178	-0.167	0.008	0.175	0.3000
0.4000	-0.112	-0.040	0.072	-0.153	-0.038	0.115	-0.171	-0.023	0.148	-0.181	-0.016	0.166	-0.175	-0.006	0.169	0.4000
0.5000	-0.138	-0.063	0.075	-0.153	-0.048	0.105	-0.168	-0.037	0.131	-0.182	-0.027	0.155	-0.180	-0.018	0.162	0.5000
0.6000	-0.132	-0.063	0.069	-0.153	-0.054	0.099	-0.164			-0.184	-0.033	0.151	-0.187	-0.025	0.162	0.6000
0.6170								-0.047								0.6170
0.7000	-0.143	-0.067	0.076	-0.152	-0.057	0.095	-0.163	-0.050	0.113	-0.186	-0.041	0.145	-0.190			0.7000
0.7100														-0.030		0.7100
0.8000		-0.075		-0.146	-0.059	0.087	-0.164	-0.049	0.115	-0.184	-0.043	0.141	-0.190			0.8000
0.8100														-0.037		0.8100
0.9000	-0.151	-0.084	0.066	-0.156			-0.171	-0.040	0.131	-0.176	-0.048	0.128	-0.175			0.9000
1.0000	-0.148	-0.097	0.051	-0.182	-0.060	0.122	-0.184	-0.024	0.160	-0.161	-0.054	0.107	-0.146	-0.063	0.112	1.0000
							M = 2.227		α =-03.83							
0.0000	0.001	0.117	0.117	-0.021	0.268	0.289	-0.030	0.233	0.264	0.032	0.296	0.263	-0.009	0.291		0.0000
0.0125	-0.019	0.117	0.135	-0.031	0.224	0.254	-0.030	0.217	0.247	0.002	0.257	0.255		0.264		0.0125
0.0250	-0.030	0.114	0.144	-0.031	0.193	0.224	-0.033	0.202	0.235	-0.018	0.228	0.247		0.242		0.0250
0.0500	-0.031	0.102	0.133	-0.005	0.172	0.177	-0.044	0.180	0.225	-0.032	0.198	0.229	-0.022	0.210	0.231	0.0500
0.0750	-0.022	0.099	0.121	-0.060	0.146	0.207	-0.058	0.163	0.222	-0.047	0.184	0.231	-0.026	0.189	0.215	0.0750
0.1000	-0.020	0.096	0.116	-0.072	0.129	0.201	-0.069	0.149	0.218	-0.058	0.160	0.218	-0.030	0.166	0.196	0.1000
0.1500	-0.036	0.068	0.104	-0.082	0.104	0.186	-0.075	0.125	0.200	-0.068	0.135	0.203	-0.036	0.140	0.176	0.1500
0.2000	-0.040	0.076	0.116	-0.081	0.084	0.165	-0.082	0.105	0.187	-0.074	0.114	0.188	-0.049	0.128	0.177	0.2000
0.3000	-0.037	0.080	0.117	-0.075	0.059	0.134	-0.086	0.078	0.164	-0.080	0.087	0.167	-0.059	0.099	0.158	0.3000
0.4000	-0.029	0.037	0.067	-0.071	0.048	0.119	-0.092	0.058	0.150	-0.085	0.075	0.160	-0.070	0.083	0.152	0.4000
0.5000	-0.052	0.022	0.074	-0.073	0.033	0.106	-0.092	0.047	0.138	-0.089	0.059	0.148	-0.079	0.073	0.151	0.5000
0.6000	-0.040	0.023	0.064	-0.069	0.029	0.098	-0.091			-0.093	0.051	0.144	-0.086	0.064	0.151	0.6000
0.6170								0.037								0.6170
0.7000	-0.057	0.019	0.076	-0.067	0.024	0.091	-0.088	0.029	0.116	-0.100	0.043	0.143	-0.092			0.7000
0.7100														0.059		0.7100
0.8000		0.010		-0.062	0.020	0.082	-0.088	0.030	0.118	-0.106	0.042	0.148	-0.097			0.8000
0.8100														0.049		0.8100
0.9000	-0.070	0.000	0.071	-0.071			-0.091	0.036	0.127	-0.105	0.035	0.140	-0.090			0.9000
1.0000	-0.067	-0.009	0.058	-0.094	0.017	0.111	-0.095	0.046	0.141	-0.098	0.022	0.120	-0.072	0.015	0.106	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 2.227		α = 00.20							
0.0000	-0.033	0.074	0.108	-0.060	0.212	0.272	-0.059	0.182	0.240	-0.009	0.239	0.248	-0.053	0.233		0.0000
0.0125	-0.048	0.068	0.116	-0.062	0.171	0.233	-0.060	0.162	0.222	-0.032	0.198	0.230		0.206		0.0125
0.0250	-0.056	0.063	0.119	-0.057	0.143	0.199	-0.062	0.146	0.209	-0.049	0.169	0.218		0.184		0.0250
0.0500	-0.051	0.056	0.108	-0.024	0.124	0.148	-0.074	0.127	0.201	-0.065	0.146	0.210	-0.056	0.154	0.210	0.0500
0.0750	-0.046	0.053	0.099	-0.085	0.097	0.183	-0.085	0.112	0.197	-0.075	0.129	0.205	-0.059	0.138	0.197	0.0750
0.1000	-0.048	0.048	0.095	-0.094	0.084	0.178	-0.094	0.100	0.193	-0.086	0.111	0.197	-0.063	0.114	0.177	0.1000
0.1500	-0.061	0.028	0.089	-0.105	0.060	0.165	-0.100	0.079	0.179	-0.098	0.086	0.184	-0.071	0.091	0.162	0.1500
0.2000	-0.066	0.027	0.093	-0.107	0.042	0.149	-0.105	0.061	0.166	-0.103	0.067	0.170	-0.077	0.077	0.155	0.2000
0.3000	-0.066	0.034	0.100	-0.100	0.021	0.121	-0.111	0.035	0.146	-0.106	0.046	0.152	-0.087	0.056	0.144	0.3000
0.4000	-0.060	0.001	0.061	-0.098	0.009	0.106	-0.116	0.019	0.136	-0.110	0.033	0.143	-0.097	0.042	0.139	0.4000
0.5000	-0.085	-0.015	0.069	-0.101	-0.004	0.097	-0.116	0.008	0.124	-0.112	0.020	0.132	-0.104	0.030	0.135	0.5000
0.6000	-0.068	-0.012	0.057	-0.098	-0.009	0.088	-0.116			-0.117	0.012	0.129	-0.112	0.023	0.135	0.6000
0.6170																0.6170
0.7000	-0.087	-0.015	0.072	-0.095	-0.014	0.082	-0.112	-0.009	0.103	-0.122	0.004	0.127	-0.115			0.7000
0.7100														0.020		0.7100
0.8000		-0.023		-0.092	-0.014	0.078	-0.113	-0.008	0.104	-0.129	0.004	0.133	-0.119			0.8000
0.8100														0.011		0.8100
0.9000	-0.099	-0.033	0.066	-0.100			-0.115	-0.003	0.112	-0.128	-0.003	0.126	-0.115			0.9000
1.0000	-0.093	-0.046	0.047	-0.119	-0.001	0.117	-0.120	0.007	0.127	-0.119	-0.016	0.103	-0.104	-0.017	0.099	1.0000
							M = 2.230		α = 04.18							
0.0000	-0.066	0.037	0.104	-0.069	0.171	0.240	-0.078	0.143	0.221	-0.041	0.190	0.231	-0.060	0.186		0.0000
0.0125	-0.077	0.025	0.102	-0.078	0.131	0.209	-0.080	0.123	0.203	-0.062	0.154	0.216		0.161		0.0125
0.0250	-0.083	0.017	0.100	-0.076	0.103	0.179	-0.084	0.107	0.191	-0.077	0.129	0.206		0.141		0.0250
0.0500	-0.076	0.012	0.089	-0.038	0.084	0.122	-0.093	0.089	0.183	-0.089	0.108	0.197	-0.080	0.113	0.194	0.0500
0.0750	-0.071	0.010	0.082	-0.103	0.059	0.163	-0.105	0.074	0.179	-0.099	0.094	0.193	-0.086	0.097	0.183	0.0750
0.1000	-0.072	0.005	0.077	-0.113	0.045	0.159	-0.112	0.064	0.176	-0.107	0.074	0.182	-0.088	0.077	0.165	0.1000
0.1500	-0.083	-0.004	0.079	-0.124	0.025	0.149	-0.118	0.045	0.163	-0.117	0.051	0.167	-0.097	0.057	0.154	0.1500
0.2000	-0.091	-0.009	0.082	-0.128	0.008	0.136	-0.122	0.030	0.152	-0.119	0.036	0.155	-0.102	0.044	0.146	0.2000
0.3000	-0.092	-0.006	0.086	-0.123	-0.011	0.113	-0.128	0.001	0.129	-0.122	0.015	0.138	-0.110	0.023	0.133	0.3000
0.4000	-0.086	-0.030	0.056	-0.121	-0.023	0.099	-0.136	-0.011	0.125	-0.127	0.005	0.132	-0.118	0.011	0.129	0.4000
0.5000	-0.108	-0.045	0.063	-0.124	-0.034	0.090	-0.136	-0.022	0.115	-0.129	-0.008	0.121	-0.123	-0.001	0.122	0.5000
0.6000	-0.093	-0.044	0.049	-0.121	-0.039	0.083	-0.135			-0.134	-0.015	0.118	-0.131	-0.006	0.125	0.6000
0.6170								-0.031								0.6170
0.7000	-0.111	-0.049	0.062	-0.121	-0.045	0.076	-0.133	-0.035	0.097	-0.139	-0.022	0.117	-0.134			0.7000
0.7100														-0.009		0.7100
0.8000		-0.055		-0.117	-0.047	0.070	-0.133	-0.034	0.099	-0.143	-0.022	0.121	-0.137			0.8000
0.8100														-0.017		0.8100
0.9000	-0.123	-0.065	0.058	-0.124			-0.138	-0.031	0.107	-0.142	-0.028	0.115	-0.131			0.9000
1.0000	-0.119	-0.080	0.039	-0.141	-0.039	0.101	-0.148	-0.026	0.122	-0.137	-0.040	0.097	-0.116	-0.039	0.091	1.0000
							M = 2.224		α = 08.21							
0.0000	-0.103	-0.010	0.093	-0.074	0.140	0.214	-0.092	0.121	0.213	-0.061	0.161	0.221	-0.091	0.152		0.0000
0.0125	-0.108	-0.014	0.094	-0.086	0.100	0.186	-0.091	0.099	0.190	-0.081	0.125	0.206		0.129		0.0125
0.0250	-0.110	-0.018	0.093	-0.086	0.071	0.157	-0.093	0.082	0.175	-0.096	0.100	0.195		0.110		0.0250
0.0500	-0.108	-0.026	0.082	-0.048	0.052	0.100	-0.105	0.064	0.170	-0.106	0.079	0.186	-0.104	0.083	0.187	0.0500
0.0750	-0.105	-0.025	0.080	-0.117	0.028	0.145	-0.118	0.051	0.169	-0.116	0.066	0.182	-0.108	0.067	0.175	0.0750
0.1000	-0.099	-0.030	0.068	-0.124	0.013	0.137	-0.125	0.040	0.164	-0.122	0.048	0.170	-0.109	0.051	0.160	0.1000
0.1500	-0.114	-0.042	0.072	-0.140	-0.005	0.135	-0.131	0.021	0.152	-0.131	0.030	0.161	-0.116	0.030	0.146	0.1500
0.2000	-0.118	-0.045	0.073	-0.144	-0.023	0.122	-0.135	0.007	0.143	-0.134	0.015	0.149	-0.121	0.020	0.141	0.2000
0.3000	-0.116	-0.044	0.071	-0.146	-0.041	0.104	-0.140	-0.019	0.121	-0.137	-0.006	0.130	-0.127	-0.001	0.127	0.3000
0.4000	-0.114	-0.066	0.048	-0.144	-0.055	0.089	-0.149	-0.033	0.115	-0.140	-0.016	0.123	-0.134	-0.013	0.121	0.4000
0.5000	-0.129	-0.079	0.050	-0.146	-0.062	0.084	-0.151	-0.043	0.108	-0.143	-0.029	0.114	-0.140	-0.023	0.117	0.5000
0.6000	-0.119	-0.080	0.039	-0.146	-0.070	0.077	-0.153			-0.146	-0.038	0.109	-0.145	-0.028	0.117	0.6000
0.6170								-0.051								0.6170
0.7000	-0.128	-0.085	0.044	-0.146	-0.073	0.073	-0.153	-0.054	0.099	-0.151	-0.044	0.107	-0.147			0.7000
0.7100														-0.032		0.7100
0.8000		-0.089		-0.141	-0.075	0.066	-0.154	-0.056	0.098	-0.155	-0.045	0.110	-0.150			0.8000
0.8100														-0.039		0.8100
0.9000	-0.141	-0.096	0.045	-0.147			-0.158	-0.052	0.106	-0.155	-0.051	0.104	-0.144			0.9000
1.0000	-0.144	-0.104	0.040	-0.163	-0.076	0.087	-0.164	-0.042	0.123	-0.150	-0.062	0.088	-0.127	-0.066	0.078	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_y$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$ - Concluded

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 2.234		α = 12.24							
0.0000	-0.131	-0.035	0.097	-0.075	0.106	0.181	-0.079	0.085	0.163	-0.057	0.153	0.210	-0.106	0.139		0.0000
0.0125	-0.134	-0.042	0.092	-0.097	0.058	0.155	-0.087	0.063	0.151	-0.081	0.111	0.192		0.114		0.0125
0.0250	-0.136	-0.048	0.088	-0.101	0.026	0.128	-0.096	0.047	0.142	-0.098	0.082	0.180		0.094		0.0250
0.0500	-0.138	-0.055	0.083	-0.060	0.007	0.067	-0.112	0.028	0.140	-0.109	0.062	0.170	-0.115	0.068	0.183	0.0500
0.0750	-0.134	-0.053	0.080	-0.135	-0.017	0.119	-0.125	0.013	0.139	-0.122	0.050	0.172	-0.118	0.052	0.170	0.0750
0.1000	-0.128	-0.058	0.070	-0.141	-0.028	0.113	-0.135	0.005	0.140	-0.131	0.031	0.162	-0.121	0.036	0.156	0.1000
0.1500	-0.143	-0.075	0.068	-0.153	-0.044	0.110	-0.141	-0.014	0.127	-0.139	0.014	0.153	-0.126	0.016	0.142	0.1500
0.2000	-0.147	-0.078	0.069	-0.158	-0.059	0.099	-0.147	-0.024	0.124	-0.144	-0.002	0.141	-0.131	0.005	0.136	0.2000
0.3000	-0.142	-0.083	0.058	-0.163	-0.079	0.084	-0.152	-0.046	0.106	-0.147	-0.020	0.127	-0.138	-0.014	0.124	0.3000
0.4000	-0.141	-0.101	0.040	-0.162	-0.093	0.069	-0.160	-0.061	0.099	-0.150	-0.029	0.121	-0.143	-0.025	0.118	0.4000
0.5000	-0.149	-0.109	0.039	-0.164	-0.099	0.066	-0.162	-0.072	0.090	-0.152	-0.042	0.111	-0.147	-0.034	0.113	0.5000
0.6000	-0.142	-0.109	0.033	-0.164	-0.103	0.061	-0.164			-0.155	-0.049	0.106	-0.153	-0.038	0.115	0.6000
0.6170								-0.081								0.6170
0.7000	-0.143	-0.111	0.031	-0.166	-0.109	0.058	-0.165	-0.086	0.080	-0.160	-0.054	0.105	-0.154			0.7000
0.7100														-0.041		0.7100
0.8000		-0.116		-0.163	-0.111	0.052	-0.167	-0.087	0.080	-0.165	-0.058	0.107	-0.157			0.8000
0.8100														-0.049		0.8100
0.9000	-0.154	-0.121	0.033	-0.167			-0.173	-0.085	0.088	-0.163	-0.059	0.104	-0.150			0.9000
1.0000	-0.164	-0.127	0.037	-0.177	-0.109	0.068	-0.184	-0.080	0.105	-0.154	-0.058	0.096	-0.131	-0.076	0.074	1.0000
							M = 2.231		α = 16.31							
0.0000	-0.147	-0.029	0.118	-0.088	0.063	0.151	-0.085	0.036	0.121	-0.048	0.136	0.183	-0.104	0.132		0.0000
0.0125	-0.150	-0.059	0.091	-0.113	0.020	0.133	-0.095	0.013	0.109	-0.080	0.078	0.159		0.108		0.0125
0.0250	-0.153	-0.077	0.075	-0.119	-0.009	0.110	-0.105	-0.004	0.101	-0.103	0.040	0.143		0.088		0.0250
0.0500	-0.155	-0.077	0.077	-0.071	-0.026	0.044	-0.123	-0.022	0.101	-0.119	0.021	0.140	-0.123	0.058	0.181	0.0500
0.0750	-0.153	-0.081	0.071	-0.149	-0.049	0.101	-0.139	-0.034	0.106	-0.131	0.009	0.140	-0.128	0.041	0.169	0.0750
0.1000	-0.146	-0.081	0.064	-0.156	-0.059	0.097	-0.147	-0.042	0.104	-0.141	-0.007	0.134	-0.132	0.025	0.157	0.1000
0.1500	-0.160	-0.095	0.065	-0.168	-0.072	0.096	-0.155	-0.061	0.094	-0.151	-0.023	0.128	-0.138	0.009	0.146	0.1500
0.2000	-0.162	-0.099	0.063	-0.172	-0.090	0.082	-0.161	-0.070	0.091	-0.155	-0.039	0.116	-0.143	-0.009	0.135	0.2000
0.3000	-0.160	-0.106	0.054	-0.176	-0.105	0.071	-0.166	-0.091	0.076	-0.159	-0.055	0.103	-0.150	-0.027	0.123	0.3000
0.4000	-0.159	-0.123	0.036	-0.176	-0.118	0.058	-0.172	-0.104	0.068	-0.161	-0.064	0.098	-0.156	-0.039	0.117	0.4000
0.5000	-0.164	-0.134	0.029	-0.179	-0.123	0.056	-0.176	-0.113	0.064	-0.164	-0.077	0.087	-0.160	-0.049	0.111	0.5000
0.6000	-0.159	-0.135	0.024	-0.179	-0.128	0.051	-0.179			-0.170	-0.084	0.086	-0.166	-0.047	0.118	0.6000
0.6170								-0.124								0.6170
0.7000	-0.157	-0.136	0.021	-0.181	-0.135	0.047	-0.180	-0.127	0.053	-0.173	-0.088	0.085	-0.167			0.7000
0.7100														-0.038		0.7100
0.8000		-0.138		-0.178	-0.137	0.040	-0.181	-0.130	0.051	-0.176	-0.085	0.091	-0.168			0.8000
0.8100														-0.044		0.8100
0.9000	-0.168	-0.142	0.026	-0.181			-0.187	-0.129	0.058	-0.176	-0.101	0.075	-0.161			0.9000
1.0000	-0.180	-0.147	0.032	-0.192	-0.133	0.059	-0.198	-0.126	0.072	-0.173	-0.135	0.038	-0.145	-0.094	0.067	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BV

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.700	α = -04.28								
0.0000	-0.057	-0.042	0.015	-0.063	-0.132	-0.069	-0.081	-0.180	-0.099	-0.059	-0.175	-0.116	-0.150	-0.182		0.0000
0.0125	-0.049	-0.055	-0.006	-0.078	-0.132	-0.054	-0.094	-0.150	-0.056	-0.098	-0.141	-0.043		-0.126		0.0125
0.0250	-0.047	-0.063	-0.016	-0.090	-0.128	-0.038	-0.105	-0.128	-0.023	-0.124	-0.118	0.006	-0.134	-0.092	0.042	0.0250
0.0500	-0.059	-0.065	-0.006	-0.109	-0.111	-0.002	-0.123	-0.105	0.018	-0.137	-0.102	0.035	-0.124	-0.090	0.034	0.0500
0.0750	-0.071	-0.081	-0.010	-0.131	-0.113	0.018	-0.129	-0.100	0.029	-0.140	-0.098	0.042	-0.120	-0.080	0.040	0.0750
0.1000	-0.079	-0.086	-0.007	-0.133	-0.115	0.018	-0.125	-0.100	0.025	-0.134	-0.104	0.030	-0.114	-0.085	0.029	0.1000
0.1500	-0.089	-0.090	-0.001	-0.117	-0.114	0.003	-0.113	-0.105	0.008	-0.117	-0.102	0.015	-0.107	-0.080	0.027	0.1500
0.2000	-0.095	-0.088	0.007	-0.113	-0.115	-0.003	-0.110	-0.105	0.005	-0.108	-0.093	0.015	-0.107	-0.074	0.032	0.2000
0.3000	-0.098	-0.103	-0.004	-0.109	-0.107	0.003	-0.103	-0.095	0.008	-0.096	-0.075	0.020	-0.105	-0.062	0.043	0.3000
0.4000	-0.097	-0.095	0.002	-0.106	-0.094	0.012	-0.094	-0.079	0.016	-0.088	-0.063	0.025	-0.099	-0.052	0.047	0.4000
0.5000	-0.094	-0.080	0.014	-0.101	-0.083	0.018	-0.083	-0.067	0.016	-0.085	-0.049	0.036	-0.089	-0.044	0.045	0.5000
0.6000	-0.077	-0.071	0.006	-0.084	-0.071	0.014	-0.073			-0.088	-0.037	0.051	-0.075	-0.033	0.042	0.6000
0.6170								-0.042								0.6170
0.7000	-0.102	-0.058	0.044	-0.075	-0.047	0.028	-0.065	-0.021	0.045	-0.081	-0.024	0.057	-0.061			0.7000
0.7100														-0.024		0.7100
0.8000		-0.063		-0.061	-0.011	0.049	-0.061	0.014	0.076	-0.055	-0.003	0.051	-0.034			0.8000
0.8100														-0.019		0.8100
0.9000	-0.067	-0.015	0.052	-0.028			-0.043	0.032	0.075	-0.015	-0.007	0.008	-0.015			0.9000
1.0000	-0.005	0.088	0.093	0.023	0.096	0.073	-0.011	0.031	0.042	0.038	-0.036	-0.074	-0.005	-0.022	-0.007	1.0000
							M = 0.701	α = -00.25								
0.0000	-0.032	-0.025	0.008	-0.057	-0.119	-0.061	-0.077	-0.155	-0.078	-0.050	-0.158	-0.107	-0.120	-0.155		0.0000
0.0125	-0.032	-0.036	-0.004	-0.069	-0.116	-0.047	-0.084	-0.133	-0.049	-0.083	-0.124	-0.041		-0.108		0.0125
0.0250	-0.034	-0.044	-0.010	-0.079	-0.113	-0.034	-0.092	-0.116	-0.024	-0.105	-0.102	0.002	-0.112	-0.080	0.032	0.0250
0.0500	-0.046	-0.051	-0.004	-0.094	-0.103	-0.009	-0.108	-0.094	0.014	-0.116	-0.092	0.024	-0.107	-0.083	0.032	0.0500
0.0750	-0.057	-0.066	-0.008	-0.115	-0.101	0.013	-0.114	-0.091	0.023	-0.117	-0.088	0.029	-0.104	-0.072	0.032	0.0750
0.1000	-0.066	-0.070	-0.004	-0.117	-0.103	0.014	-0.109	-0.087	0.022	-0.113	-0.094	0.019	-0.099	-0.076	0.024	0.1000
0.1500	-0.072	-0.073	-0.002	-0.103	-0.103		-0.099	-0.094	0.006	-0.099	-0.091	0.008	-0.093	-0.072	0.021	0.1500
0.2000	-0.078	-0.074	0.004	-0.097	-0.103	-0.006	-0.095	-0.094	0.002	-0.092	-0.083	0.009	-0.094	-0.065	0.029	0.2000
0.3000	-0.086	-0.088	-0.002	-0.097	-0.094	0.003	-0.092	-0.085	0.007	-0.083	-0.069	0.014	-0.093	-0.057	0.037	0.3000
0.4000	-0.081	-0.084	-0.003	-0.092	-0.082	0.011	-0.083	-0.068	0.015	-0.077	-0.056	0.021	-0.087	-0.050	0.037	0.4000
0.5000	-0.079	-0.071	0.008	-0.086	-0.072	0.014	-0.073	-0.057	0.016	-0.075	-0.045	0.030	-0.081	-0.041	0.039	0.5000
0.6000	-0.065	-0.063	0.002	-0.067	-0.059	0.008	-0.064			-0.080	-0.031	0.050	-0.067	-0.031	0.036	0.6000
0.6170								-0.032								0.6170
0.7000	-0.086	-0.051	0.035	-0.059	-0.035	0.024	-0.056	-0.014	0.042	-0.075	-0.018	0.058	-0.056			0.7000
0.7100														-0.020		0.7100
0.8000		-0.047		-0.048	-0.007	0.041	-0.053	0.018	0.072	-0.049	-0.007	0.042	-0.031			0.8000
0.8100														-0.017		0.8100
0.9000	-0.052	-0.009	0.043	-0.019			-0.040	0.024	0.064	-0.008	-0.013	-0.006	-0.018			0.9000
1.0000	0.002	0.063	0.061	0.027	0.060	0.033	-0.016	0.003	0.018	0.049	-0.037	-0.085	-0.015	-0.028	-0.011	1.0000
							M = 0.700	α = 03.73								
0.0000	-0.028	-0.024	0.004	-0.047	-0.108	-0.062	-0.059	-0.147	-0.088	-0.038	-0.126	-0.088	-0.111	-0.132		0.0000
0.0125	-0.029	-0.033	-0.003	-0.060	-0.104	-0.045	-0.069	-0.120	-0.051	-0.067	-0.105	-0.038		-0.097		0.0125
0.0250	-0.032	-0.039	-0.007	-0.070	-0.101	-0.031	-0.078	-0.101	-0.024	-0.086	-0.090	-0.004	-0.098	-0.076	0.022	0.0250
0.0500	-0.042	-0.045	-0.003	-0.080	-0.095	-0.015	-0.090	-0.085	0.005	-0.096	-0.080	0.016	-0.090	-0.074	0.016	0.0500
0.0750	-0.049	-0.056	-0.007	-0.100	-0.090	0.010	-0.095	-0.079	0.017	-0.098	-0.076	0.022	-0.088	-0.065	0.023	0.0750
0.1000	-0.061	-0.061	0.000	-0.103	-0.092	0.011	-0.092	-0.076	0.016	-0.095	-0.081	0.014	-0.085	-0.067	0.018	0.1000
0.1500	-0.061	-0.066	-0.005	-0.088	-0.092	-0.003	-0.084	-0.081	0.003	-0.083	-0.078	0.006	-0.080	-0.063	0.017	0.1500
0.2000	-0.068	-0.066	0.002	-0.090	-0.092	-0.002	-0.081	-0.081	0.000	-0.078	-0.066	0.011	-0.081	-0.059	0.022	0.2000
0.3000	-0.075	-0.077	-0.003	-0.085	-0.084	0.001	-0.077	-0.073	0.004	-0.072	-0.058	0.014	-0.081	-0.049	0.032	0.3000
0.4000	-0.071	-0.075	-0.005	-0.080	-0.073	0.007	-0.071	-0.060	0.011	-0.065	-0.044	0.021	-0.078	-0.045	0.033	0.4000
0.5000	-0.069	-0.065	0.003	-0.072	-0.063	0.008	-0.061	-0.048	0.012	-0.066	-0.034	0.032	-0.069	-0.038	0.032	0.5000
0.6000	-0.056	-0.058	-0.002	-0.054	-0.050	0.004	-0.054			-0.070	-0.023	0.047	-0.058	-0.030	0.028	0.6000
0.6170								-0.024								0.6170
0.7000	-0.072	-0.047	0.025	-0.050	-0.030	0.020	-0.046	-0.009	0.037	-0.066	-0.012	0.054	-0.050			0.7000
0.7100														-0.018		0.7100
0.8000		-0.035		-0.043	-0.003	0.039	-0.046	0.020	0.066	-0.042	-0.004	0.038	-0.030			0.8000
0.8100														-0.017		0.8100
0.9000	-0.046	-0.006	0.041	-0.019			-0.037	0.022	0.059	-0.005	-0.010	-0.006	-0.014			0.9000
1.0000	-0.005	0.042	0.047	0.021	0.069	0.048	-0.020	-0.003	0.017	0.047	-0.031	-0.078	-0.003	-0.042	-0.028	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BV - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 0.700 α = 07.76															
0.0000	-0.065	-0.064	0.002	-0.025	-0.070	-0.046	-0.032	-0.094	-0.061	-0.017	-0.093	-0.076	-0.067	-0.093		0.0000
0.0125	-0.055	-0.068	-0.013	-0.030	-0.073	-0.043	-0.038	-0.082	-0.043	-0.037	-0.075	-0.038		-0.066		0.0125
0.0250	-0.049	-0.069	-0.020	-0.036	-0.071	-0.035	-0.044	-0.071	-0.027	-0.051	-0.062	-0.011	-0.061	-0.049	0.012	0.0250
0.0500	-0.052	-0.063	-0.011	-0.048	-0.052	-0.003	-0.055	-0.053	0.002	-0.061	-0.053	0.007	-0.056	-0.044	0.012	0.0500
0.0750	-0.059	-0.071	-0.012	-0.067	-0.060	0.007	-0.058	-0.051	0.006	-0.061	-0.049	0.012	-0.054	-0.039	0.015	0.0750
0.1000	-0.058	-0.070	-0.012	-0.069	-0.061	0.008	-0.055	-0.050	0.005	-0.060	-0.053	0.007	-0.050	-0.040	0.010	0.1000
0.1500	-0.063	-0.066	-0.004	-0.057	-0.059	-0.002	-0.049	-0.054	-0.005	-0.051	-0.053	-0.001	-0.049	-0.037	0.012	0.1500
0.2000	-0.064	-0.068	-0.003	-0.052	-0.062	-0.010	-0.048	-0.054	-0.006	-0.045	-0.046	-0.001	-0.051	-0.032	0.019	0.2000
0.3000	-0.061	-0.075	-0.014	-0.053	-0.057	-0.003	-0.043	-0.043	0.000	-0.040	-0.034	0.005	-0.052	-0.025	0.027	0.3000
0.4000	-0.064	-0.065	-0.001	-0.047	-0.045	0.001	-0.043	-0.031	0.012	-0.038	-0.026	0.012	-0.048	-0.021	0.027	0.4000
0.5000	-0.060	-0.053	0.006	-0.044	-0.035	0.009	-0.032	-0.021	0.011	-0.038	-0.015	0.022	-0.042	-0.010	0.032	0.5000
0.6000	-0.049	-0.048	0.001	-0.027	-0.023	0.004	-0.027			-0.044	-0.006	0.038	-0.034	-0.002	0.031	0.6000
0.6170								-0.002								0.6170
0.7000	-0.068	-0.038	0.030	-0.023	-0.003	0.020	-0.021	0.013	0.034	-0.043	0.001	0.044	-0.025			0.7000
0.7100														0.005		0.7100
0.8000		-0.029		-0.016	0.022	0.038	-0.021	0.043	0.064	-0.022	0.009	0.032	-0.013			0.8000
0.8100														0.003		0.8100
0.9000	-0.054		0.054	0.005			-0.011	0.043	0.055	0.012	0.004	-0.007	0.003			0.9000
1.0000	-0.021	0.048	0.069	0.040	0.087	0.047	0.008	0.014	0.006	0.059	-0.014	-0.073	0.025	-0.024	-0.027	1.0000
	M = 0.697 α = 11.74															
0.0000	-0.095	-0.104	-0.009	0.004	-0.070	-0.074	-0.013	-0.081	-0.068	-0.001	-0.081	-0.080	-0.033	-0.079		0.0000
0.0125	-0.085	-0.108	-0.023	-0.009	-0.069	-0.060	-0.018	-0.067	-0.049	-0.020	-0.063	-0.043		-0.054		0.0125
0.0250	-0.080	-0.109	-0.029	-0.020	-0.065	-0.045	-0.023	-0.055	-0.033	-0.032	-0.051	-0.019	-0.038	-0.039	-0.001	0.0250
0.0500	-0.089	-0.104	-0.015	-0.035	-0.046	-0.011	-0.034	-0.039	-0.005	-0.040	-0.043	-0.003	-0.040	-0.039	0.001	0.0500
0.0750	-0.099	-0.119	-0.019	-0.056	-0.051	0.005	-0.038	-0.035	0.003	-0.042	-0.039	0.003	-0.038	-0.031	0.008	0.0750
0.1000	-0.102	-0.113	-0.011	-0.058	-0.051	0.007	-0.036	-0.033	0.003	-0.041	-0.041	-0.001	-0.036	-0.033	0.003	0.1000
0.1500	-0.100	-0.105	-0.005	-0.043	-0.053	-0.009	-0.031	-0.037	-0.006	-0.034	-0.040	-0.006	-0.035	-0.028	0.008	0.1500
0.2000	-0.097	-0.104	-0.007	-0.039	-0.050	-0.012	-0.028	-0.035	-0.007	-0.031	-0.035	-0.004	-0.039	-0.023	0.016	0.2000
0.3000	-0.091	-0.113	-0.022	-0.039	-0.044	-0.006	-0.027	-0.029	-0.002	-0.026	-0.023	0.003	-0.040	-0.016	0.024	0.3000
0.4000	-0.093	-0.093		-0.035	-0.032	0.003	-0.022	-0.017	0.005	-0.026	-0.013	0.013	-0.036	-0.012	0.024	0.4000
0.5000	-0.088	-0.079	0.009	-0.033	-0.024	0.009	-0.015	-0.007	0.008	-0.026	-0.007	0.020	-0.032	0.001	0.033	0.5000
0.6000	-0.074	-0.074	0.000	-0.020	-0.015	0.005	-0.009			-0.033	0.003	0.036	-0.026	0.001	0.026	0.6000
0.6170								0.010								0.6170
0.7000	-0.100	-0.062	0.037	-0.012	0.005	0.017	-0.005	0.024	0.029	-0.033	0.008	0.040	-0.017			0.7000
0.7100														0.007		0.7100
0.8000		-0.064		-0.010	0.030	0.040	-0.008	0.054	0.062	-0.014	0.014	0.028	-0.006			0.8000
0.8100														0.007		0.8100
0.9000	-0.091	-0.038	0.053	0.005			0.002	0.055	0.053	0.019	0.006	-0.013	0.001			0.9000
1.0000	-0.057	0.016	0.073	0.034	0.096	0.062	0.024	0.026	0.002	0.067	-0.015	-0.083	0.004	-0.008	-0.009	1.0000
	M = 0.699 α = 15.72															
0.0000	-0.144	-0.153	-0.009	-0.038	-0.175	-0.137	0.019	-0.077	-0.096	0.014	-0.075	-0.089	-0.024	-0.078		0.0000
0.0125	-0.137	-0.163	-0.026	-0.062	-0.174	-0.112	0.009	-0.061	-0.069	-0.003	-0.059	-0.056		-0.055		0.0125
0.0250	-0.134	-0.167	-0.033	-0.081	-0.167	-0.086	0.000	-0.047	-0.047	-0.015	-0.047	-0.032	-0.029	-0.042	-0.013	0.0250
0.0500	-0.139	-0.158	-0.020	-0.106	-0.136	-0.030	-0.012	-0.028	-0.016	-0.023	-0.037	-0.015	-0.032	-0.042	-0.010	0.0500
0.0750	-0.154	-0.177	-0.023	-0.130	-0.129	0.001	-0.017	-0.022	-0.005	-0.026	-0.033	-0.007	-0.032	-0.034	-0.002	0.0750
0.1000	-0.163	-0.169	-0.006	-0.136	-0.127	0.008	-0.016	-0.019	-0.003	-0.027	-0.034	-0.008	-0.032	-0.034	-0.002	0.1000
0.1500	-0.153	-0.153	0.000	-0.113	-0.127	-0.015	-0.010	-0.021	-0.010	-0.022	-0.031	-0.009	-0.033	-0.030	0.003	0.1500
0.2000	-0.140	-0.133	0.008	-0.109	-0.128	-0.020	-0.009	-0.021	-0.012	-0.020	-0.023	-0.004	-0.035	-0.023	0.012	0.2000
0.3000	-0.129	-0.143	-0.014	-0.111	-0.121	-0.010	-0.008	-0.014	-0.006	-0.015	-0.013	0.002	-0.038	-0.014	0.024	0.3000
0.4000	-0.128	-0.129		-0.109	-0.109		-0.003		0.002	-0.015	-0.006	0.009	-0.035	-0.015	0.020	0.4000
0.5000	-0.120	-0.116	0.004	-0.108	-0.103	0.004	0.005	0.007	0.002	-0.017	-0.001	0.016	-0.031	-0.004	0.027	0.5000
0.6000	-0.105	-0.111	-0.006	-0.096	-0.101	-0.005	0.007			-0.025	0.009	0.034	-0.023	-0.003	0.019	0.6000
0.6170								0.024								0.6170
0.7000	-0.141	-0.104	0.036	-0.097	-0.085	0.012	0.007	0.037	0.030	-0.027	0.017	0.044	-0.019			0.7000
0.7100														0.004		0.7100
0.8000		-0.112		-0.104	-0.060	0.044	0.002	0.062	0.060	-0.012	0.019	0.030	-0.006			0.8000
0.8100														0.002		0.8100
0.9000	-0.128	-0.084	0.043	-0.092			0.004	0.064	0.060	0.023	0.010	-0.012	-0.005			0.9000
1.0000	-0.079	-0.021	0.058	-0.061	0.022	0.082	0.013	0.043	0.030	0.077	-0.008	-0.085	-0.017	-0.024	-0.019	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BV - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.904		α = 03.78							
0.0000	-0.033	-0.029	0.004	-0.069	-0.137	-0.068	-0.092	-0.120	-0.028	-0.037	-0.145	-0.109	-0.163	-0.179		0.0000
0.0125	-0.034	-0.038	-0.004	-0.083	-0.131	-0.048	-0.103	-0.143	-0.041	-0.081	-0.146	-0.065		-0.138		0.0125
0.0250	-0.037	-0.044	-0.008	-0.094	-0.127	-0.034	-0.113	-0.153	-0.040	-0.112	-0.146	-0.034	-0.119	-0.114	0.005	0.0250
0.0500	-0.048	-0.052	-0.004	-0.106	-0.123	-0.017	-0.134	-0.132	0.002	-0.133	-0.141	-0.008	-0.103	-0.118	-0.014	0.0500
0.0750	-0.060	-0.069	-0.009	-0.130	-0.121	0.009	-0.141	-0.130	0.011	-0.136	-0.126	0.009	-0.117	-0.110	0.006	0.0750
0.1000	-0.074	-0.077	-0.003	-0.136	-0.125	0.010	-0.136	-0.124	0.012	-0.136	-0.124	0.012	-0.112	-0.103	0.009	0.1000
0.1500	-0.081	-0.085	-0.004	-0.123	-0.129	-0.006	-0.126	-0.128	-0.002	-0.124	-0.121	0.002	-0.110	-0.102	0.007	0.1500
0.2000	-0.091	-0.091	-0.001	-0.120	-0.131	-0.011	-0.123	-0.131	-0.008	-0.117	-0.110	0.007	-0.114	-0.096	0.018	0.2000
0.3000	-0.105	-0.112	-0.007	-0.124	-0.128	-0.005	-0.118	-0.125	-0.007	-0.107	-0.098	0.009	-0.118	-0.089	0.029	0.3000
0.4000	-0.110	-0.117	-0.006	-0.122	-0.117	0.005	-0.109	-0.112	-0.003	-0.099	-0.082	0.017	-0.119	-0.081	0.037	0.4000
0.5000	-0.110	-0.114	-0.004	-0.112	-0.106	0.006	-0.099	-0.093	0.006	-0.096	-0.072	0.024	-0.111	-0.075	0.036	0.5000
0.6000	-0.105	-0.110	-0.005	-0.091	-0.089	0.003	-0.089			-0.105	-0.059	0.046	-0.099	-0.073	0.026	0.6000
0.6170								-0.064								0.6170
0.7000	-0.098	-0.097	0.001	-0.083	-0.062	0.021	-0.080	-0.051	0.029	-0.105	-0.047	0.058	-0.079			0.7000
0.7100														-0.063		0.7100
0.8000		-0.044		-0.072	-0.029	0.042	-0.079	-0.005	0.074	-0.088	-0.039	0.049	-0.062			0.8000
0.8100														-0.056		0.8100
0.9000	-0.080	-0.025	0.055	-0.039			-0.071	0.005	0.076	-0.060	-0.039	0.021	-0.049			0.9000
1.0000	-0.069	-0.039	0.031	0.016	0.052	0.036	-0.057	-0.022	0.035	-0.022	-0.048	-0.026	-0.041	-0.048	0.001	1.0000
							M = 0.954		α = 03.83							
0.0000	-0.022	-0.011	0.011	-0.062	-0.137	-0.074	-0.088	-0.121	-0.033	-0.069	-0.254	-0.186	-0.109	-0.156		0.0000
0.0125	-0.019	-0.022	-0.002	-0.076	-0.131	-0.055	-0.102	-0.146	-0.044	-0.120	-0.213	-0.094		-0.118		0.0125
0.0250	-0.021	-0.029	-0.009	-0.088	-0.125	-0.037	-0.114	-0.159	-0.045	-0.152	-0.188	-0.036	-0.081	-0.091	-0.010	0.0250
0.0500	-0.033	-0.037	-0.005	-0.103	-0.111	-0.008	-0.129	-0.148	-0.019	-0.163	-0.183	-0.020	-0.067	-0.067	-0.001	0.0500
0.0750	-0.045	-0.054	-0.009	-0.132	-0.122	0.010	-0.144	-0.140	0.005	-0.166	-0.166		-0.068	-0.069	-0.002	0.0750
0.1000	-0.054	-0.062	-0.008	-0.140	-0.128	0.012	-0.146	-0.137	0.009	-0.162	-0.167	-0.005	-0.064	-0.060	0.004	0.1000
0.1500	-0.070	-0.075	-0.005	-0.133	-0.136	-0.003	-0.146	-0.151	-0.004	-0.139	-0.159	-0.021	-0.062	-0.060	0.002	0.1500
0.2000	-0.084	-0.085	-0.001	-0.131	-0.142	-0.011	-0.145	-0.154	-0.009	-0.115	-0.129	-0.015	-0.066	-0.049	0.016	0.2000
0.3000	-0.106	-0.112	-0.006	-0.140	-0.156	-0.016	-0.148	-0.156	-0.008	-0.077	-0.089	-0.012	-0.072	-0.047	0.025	0.3000
0.4000	-0.123	-0.128	-0.005	-0.155	-0.156		-0.138	-0.141	-0.003	-0.058	-0.055	0.003	-0.085	-0.038	0.048	0.4000
0.5000	-0.132	-0.143	-0.011	-0.152	-0.153	-0.001	-0.103	-0.084	0.019	-0.048	-0.024	0.024	-0.086	-0.040	0.046	0.5000
0.6000	-0.140	-0.149	-0.009	-0.125	-0.128	-0.003	-0.069			-0.062	-0.004	0.058	-0.072	-0.035	0.037	0.6000
0.6170								-0.034								0.6170
0.7000	-0.123	-0.142	-0.019	-0.093	-0.076	0.017	-0.039	0.028	0.067	-0.070	0.004	0.074	-0.049			0.7000
0.7100														-0.022		0.7100
0.8000		-0.051		-0.056	0.006	0.062	-0.024	0.049	0.073	-0.056	0.004	0.060	-0.033			0.8000
0.8100														-0.020		0.8100
0.9000	-0.075	-0.014	0.062	-0.013			-0.024	0.054	0.078	-0.015	-0.010	0.004	-0.008			0.9000
1.0000	-0.045	-0.030	0.015	0.036	0.260	0.225	-0.038	0.045	0.083	0.054	-0.040	-0.094	0.025	-0.043	-0.035	1.0000
							M = 1.004		α = 03.93							
0.0000	-0.045	-0.039	0.006	-0.078	-0.151	-0.072	-0.099	-0.118	-0.019	-0.006	-0.074	-0.068	-0.170	-0.284		0.0000
0.0125	-0.043	-0.047	-0.003	-0.090	-0.143	-0.053	-0.111	-0.154	-0.043	-0.092	-0.163	-0.070		-0.235		0.0125
0.0250	-0.044	-0.053	-0.008	-0.098	-0.136	-0.038	-0.120	-0.171	-0.051	-0.147	-0.212	-0.065	-0.155	-0.204	-0.049	0.0250
0.0500	-0.054	-0.059	-0.005	-0.105	-0.126	-0.022	-0.134	-0.150	-0.017	-0.159	-0.190	-0.030	-0.150	-0.194	-0.044	0.0500
0.0750	-0.065	-0.074	-0.009	-0.133	-0.129	0.004	-0.143	-0.143	-0.001	-0.173	-0.176	-0.003	-0.154	-0.183	-0.029	0.0750
0.1000	-0.076	-0.081	-0.005	-0.144	-0.133	0.011	-0.146	-0.140	0.005	-0.173	-0.174	-0.001	-0.151	-0.182	-0.031	0.1000
0.1500	-0.086	-0.090	-0.004	-0.132	-0.137	-0.005	-0.143	-0.150	-0.006	-0.168	-0.179	-0.011	-0.148	-0.174	-0.026	0.1500
0.2000	-0.096	-0.095	0.001	-0.131	-0.135	-0.004	-0.143	-0.151	-0.008	-0.158	-0.185	-0.027	-0.142	-0.159	-0.016	0.2000
0.3000	-0.110	-0.121	-0.011	-0.134	-0.151	-0.017	-0.147	-0.157	-0.010	-0.148	-0.181	-0.033	-0.153	-0.132	0.021	0.3000
0.4000	-0.126	-0.125	0.000	-0.147	-0.153	-0.006	-0.150	-0.161	-0.011	-0.145	-0.173	-0.028	-0.148	-0.095	0.053	0.4000
0.5000	-0.127	-0.139	-0.012	-0.151	-0.149	0.001	-0.146	-0.158	-0.012	-0.145	-0.149	-0.005	-0.124	-0.060	0.064	0.5000
0.6000	-0.137	-0.148	-0.011	-0.135	-0.157	-0.022	-0.140			-0.139	-0.107	0.032	-0.105	-0.018	0.087	0.6000
0.6170								-0.140								0.6170
0.7000	-0.131	-0.157	-0.026	-0.141	-0.131	0.009	-0.138	-0.111	0.026	-0.124	-0.076	0.048	-0.084			0.7000
0.7100														-0.016		0.7100
0.8000		-0.099		-0.144	-0.096	0.048	-0.120	-0.077	0.043	-0.097	0.018	0.115	-0.060			0.8000
0.8100														-0.014		0.8100
0.9000	-0.150	-0.083	0.067	-0.086			-0.093	0.001	0.094	-0.047	0.003	0.050	0.008			0.9000
1.0000	-0.176	-0.110	0.066	0.033	0.001	-0.033	-0.057	0.122	0.179	0.025	-0.121	-0.146	0.119	-0.012	-0.021	1.0000

NACA

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BV - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.054 α = 03.93															
0.0000	-0.026	-0.008	0.018	-0.056	-0.132	-0.075	-0.098	-0.196	-0.098	-0.076	-0.224	-0.148	-0.191	-0.280		0.0000
0.0125	-0.022	-0.020	0.002	-0.074	-0.128	-0.054	-0.111	-0.176	-0.066	-0.123	-0.209	-0.086		-0.236		0.0125
0.0250	-0.021	-0.027	-0.006	-0.086	-0.123	-0.037	-0.123	-0.162	-0.040	-0.156	-0.197	-0.042	-0.184	-0.208	-0.024	0.0250
0.0500	-0.030	-0.033	-0.003	-0.095	-0.109	-0.014	-0.143	-0.150	-0.007	-0.174	-0.183	-0.009	-0.180	-0.198	-0.018	0.0500
0.0750	-0.042	-0.050	-0.008	-0.118	-0.119		-0.154	-0.141	0.013	-0.178	-0.179	-0.001	-0.180	-0.200	-0.021	0.0750
0.1000	-0.050	-0.057	-0.007	-0.134	-0.126	0.008	-0.153	-0.140	0.013	-0.179	-0.186	-0.006	-0.176	-0.197	-0.020	0.1000
0.1500	-0.066	-0.069	-0.003	-0.132	-0.136	-0.004	-0.147	-0.157	-0.010	-0.177	-0.182	-0.005	-0.169	-0.197	-0.029	0.1500
0.2000	-0.080	-0.079	0.001	-0.130	-0.138	-0.008	-0.148	-0.166	-0.018	-0.173	-0.178	-0.005	-0.166	-0.191	-0.025	0.2000
0.3000	-0.101	-0.113	-0.012	-0.137	-0.155	-0.018	-0.159	-0.172	-0.014	-0.170	-0.174	-0.004	-0.178	-0.183	-0.005	0.3000
0.4000	-0.128	-0.120	0.008	-0.153	-0.162	-0.009	-0.167	-0.167	0.000	-0.168	-0.172	-0.004	-0.192	-0.171	0.021	0.4000
0.5000	-0.131	-0.138	-0.007	-0.163	-0.159	0.004	-0.159	-0.174	-0.015	-0.168	-0.162	0.005	-0.197	-0.155	0.043	0.5000
0.6000	-0.146	-0.155	-0.009	-0.152	-0.173	-0.021	-0.160			-0.178	-0.150	0.028	-0.191	-0.141	0.050	0.6000
0.6170								-0.166								0.6170
0.7000	-0.143	-0.174	-0.032	-0.159	-0.160	-0.001	-0.169	-0.151	0.018	-0.190	-0.131	0.059	-0.175			0.7000
0.7100														-0.133		0.7100
0.8000		-0.121		-0.171	-0.136	0.035	-0.180	-0.129	0.051	-0.150	-0.119	0.031	-0.151			0.8000
0.8100														-0.129		0.8100
0.9000	-0.197	-0.127	0.070	-0.195			-0.145	-0.105	0.040	-0.146	-0.112	0.034	-0.142			0.9000
1.0000	-0.255	-0.194	0.061	-0.230	-0.057	0.173	-0.063	-0.078	-0.015	-0.179	-0.109	0.069	-0.148	-0.130	0.012	1.0000
	M = 1.097 α = 04.03															
0.0000	0.009	0.031	0.022	-0.010	-0.064	-0.054	-0.060	-0.110	-0.051	-0.049	-0.143	-0.094	-0.146	-0.200		0.0000
0.0125	0.015	0.021	0.006	-0.023	-0.063	-0.041	-0.061	-0.101	-0.039	-0.079	-0.130	-0.051		-0.162		0.0125
0.0250	0.017	0.015	-0.003	-0.032	-0.060	-0.028	-0.065	-0.090	-0.025	-0.100	-0.120	-0.020	-0.133	-0.139	-0.005	0.0250
0.0500	0.009	0.009	0.000	-0.041	-0.044	-0.004	-0.079	-0.068	0.011	-0.116	-0.108	0.008	-0.128	-0.135	-0.007	0.0500
0.0750	-0.002	-0.004	-0.002	-0.062	-0.053	0.008	-0.091	-0.067	0.023	-0.120	-0.107	0.013	-0.130	-0.136	-0.005	0.0750
0.1000	-0.007	-0.011	-0.004	-0.075	-0.061	0.014	-0.090	-0.067	0.024	-0.123	-0.118	0.006	-0.125	-0.139	-0.014	0.1000
0.1500	-0.020	-0.019	0.001	-0.073	-0.069	0.004	-0.084	-0.080	0.004	-0.118	-0.126	-0.007	-0.117	-0.139	-0.021	0.1500
0.2000	-0.031	-0.025	0.005	-0.070	-0.069	0.000	-0.086	-0.091	-0.005	-0.115	-0.125	-0.010	-0.116	-0.138	-0.023	0.2000
0.3000	-0.049	-0.053	-0.005	-0.077	-0.084	-0.007	-0.095	-0.101	-0.006	-0.111	-0.124	-0.012	-0.123	-0.136	-0.013	0.3000
0.4000	-0.069	-0.059	0.010	-0.091	-0.091	-0.001	-0.102	-0.104	-0.002	-0.111	-0.125	-0.014	-0.136	-0.129	0.007	0.4000
0.5000	-0.073	-0.072	0.001	-0.100	-0.092	0.008	-0.101	-0.112	-0.011	-0.112	-0.123	-0.011	-0.145	-0.120	0.026	0.5000
0.6000	-0.082	-0.088	-0.006	-0.091	-0.107	-0.015	-0.103			-0.121	-0.113	0.008	-0.146	-0.103	0.043	0.6000
0.6170								-0.113								0.6170
0.7000	-0.091	-0.100	-0.009	-0.096	-0.106	-0.010	-0.112	-0.098	0.014	-0.137	-0.099	0.038	-0.130			0.7000
0.7100														-0.095		0.7100
0.8000		-0.082		-0.109	-0.086	0.023	-0.125	-0.071	0.055	-0.106	-0.077	0.029	-0.103			0.8000
0.8100														-0.090		0.8100
0.9000	-0.133	-0.075	0.058	-0.137			-0.099	-0.052	0.047	-0.095	-0.077	0.018	-0.104			0.9000
1.0000	-0.166	-0.080	0.087	-0.179	0.009	0.188	-0.035	-0.043	-0.008	-0.105	-0.099	0.006	-0.134	-0.090	0.015	1.0000
	M = 1.301 α = -04.13															
0.0000	-0.045	0.037	0.082	0.049	-0.086	-0.136	-0.017	-0.182	-0.165	0.035	-0.163	-0.198	-0.089	-0.197		0.0000
0.0125	-0.029	0.009	0.038	0.014	-0.089	-0.103	-0.033	-0.146	-0.114	-0.028	-0.140	-0.112		-0.147		0.0125
0.0250	-0.014	-0.008	0.006	-0.013	-0.085	-0.072	-0.050	-0.121	-0.071	-0.071	-0.120	-0.050	-0.111	-0.117	-0.006	0.0250
0.0500	0.016	-0.007	-0.023	-0.043	-0.057	-0.014	-0.089	-0.099	-0.010	-0.097	-0.094	0.004	-0.124	-0.115	0.009	0.0500
0.0750	0.003	-0.028	-0.031	-0.076	-0.063	0.013	-0.102	-0.088	0.014	-0.105	-0.093	0.012	-0.128	-0.116	0.012	0.0750
0.1000	-0.009	-0.052	-0.043	-0.085	-0.066	0.019	-0.104	-0.084	0.020	-0.117	-0.105	0.013	-0.133	-0.129	0.004	0.1000
0.1500	-0.023	-0.037	-0.014	-0.081	-0.081		-0.090	-0.092	-0.002	-0.119	-0.099	0.019	-0.132	-0.145	-0.013	0.1500
0.2000	-0.055	-0.058	-0.003	-0.070	-0.093	-0.024	-0.096	-0.099	-0.003	-0.119	-0.103	0.016	-0.125	-0.147	-0.023	0.2000
0.3000	-0.128	-0.086	0.042	-0.096	-0.101	-0.005	-0.103	-0.110	-0.007	-0.109	-0.102	0.007	-0.120	-0.140	-0.020	0.3000
0.4000	-0.106	-0.033	0.073	-0.109	-0.098	0.010	-0.106	-0.108	-0.002	-0.120	-0.095	0.025	-0.133	-0.129	0.004	0.4000
0.5000	-0.081	-0.077	0.005	-0.104	-0.105		-0.105	-0.109	-0.004	-0.120	-0.098	0.022	-0.146	-0.127	0.019	0.5000
0.6000	-0.090	-0.084	0.006	-0.103	-0.106	-0.003	-0.110			-0.128	-0.096	0.032	-0.152	-0.127	0.025	0.6000
0.6170								-0.108								0.6170
0.7000	-0.103	-0.101	0.001	-0.108	-0.109	-0.001	-0.118	-0.111	0.007	-0.141	-0.092	0.048	-0.162			0.7000
0.7100														-0.122		0.7100
0.8000		-0.078		-0.119	-0.099	0.020	-0.129	-0.100	0.029	-0.157	-0.086	0.071	-0.165			0.8000
0.8100														-0.123		0.8100
0.9000	-0.129	-0.081	0.048	-0.143			-0.163	-0.086	0.077	-0.166	-0.090	0.076	-0.166			0.9000
1.0000	-0.144	-0.113	0.031	-0.180	-0.041	0.139	-0.219	-0.071	0.149	-0.168	-0.104	0.065	-0.166	-0.135	0.031	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BV - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.301		α = -00.20							
0.0000	0.002	0.029	0.026	0.030	-0.080	-0.110	-0.138	-0.120	0.018	0.010	-0.134	-0.144	-0.119	-0.189		0.0000
0.0125	0.008	0.008	0.000	0.001	-0.076	-0.078	-0.072	-0.105	-0.033	-0.029	-0.113	-0.084		-0.146		0.0125
0.0250	0.012	-0.002	-0.014	-0.019	-0.070	-0.052	-0.035	-0.093	-0.058	-0.055	-0.097	-0.041	-0.100	-0.117	-0.017	0.0250
0.0500	0.016	0.008	-0.008	-0.034	-0.053	-0.019	-0.044	-0.075	-0.031	-0.069	-0.077	-0.008	-0.089	-0.100	-0.011	0.0500
0.0750	0.004	-0.016	-0.020	-0.062	-0.054	0.008	-0.070	-0.066	0.003	-0.081	-0.072	0.009	-0.086	-0.103	-0.016	0.0750
0.1000	-0.007	-0.028	-0.022	-0.071	-0.058	0.012	-0.071	-0.063	0.008	-0.084	-0.077	0.006	-0.086	-0.105	-0.019	0.1000
0.1500	-0.016	-0.024	-0.008	-0.061	-0.068	-0.008	-0.068	-0.065	0.003	-0.080	-0.080	0.000	-0.082	-0.104	-0.023	0.1500
0.2000	-0.039	-0.041	-0.001	-0.065	-0.083	-0.018	-0.061	-0.065	-0.003	-0.076	-0.084	-0.008	-0.079	-0.100	-0.021	0.2000
0.3000	-0.068	-0.078	-0.010	-0.077	-0.080	-0.002	-0.064	-0.074	-0.011	-0.076	-0.083	-0.007	-0.083	-0.092	-0.008	0.3000
0.4000	-0.081	-0.030	0.051	-0.084	-0.089	-0.005	-0.077	-0.078	-0.001	-0.083	-0.076	0.007	-0.092	-0.087	0.005	0.4000
0.5000	-0.067	-0.062	0.005	-0.087	-0.084	0.003	-0.077	-0.077		-0.083	-0.074	0.009	-0.100	-0.084	0.016	0.5000
0.6000	-0.074	-0.072	0.002	-0.089	-0.090	-0.001	-0.080			-0.085	-0.073	0.012	-0.108	-0.086	0.022	0.6000
0.6170								-0.078								0.6170
0.7000	-0.082	-0.086	-0.004	-0.093	-0.096	-0.003	-0.079	-0.074	0.006	-0.096	-0.069	0.027	-0.118			0.7000
0.7100														-0.087		0.7100
0.8000		-0.064		-0.102	-0.081	0.021	-0.084	-0.057	0.027	-0.113	-0.057	0.056	-0.126			0.8000
0.8100														-0.094		0.8100
0.9000	-0.113	-0.065	0.049	-0.124			-0.110	-0.049	0.062	-0.122	-0.066	0.057	-0.134			0.9000
1.0000	-0.137	-0.088	0.048	-0.159	0.013	0.172	-0.159	-0.048	0.111	-0.125	-0.095	0.030	-0.141	-0.129	0.005	1.0000
							M = 1.302		α = 03.93							
0.0000	0.005	0.021	0.016	0.029	-0.061	-0.090	-0.023	-0.149	-0.125	-0.012	-0.108	-0.096	-0.098	-0.157		0.0000
0.0125	0.012	0.011	-0.001	0.007	-0.058	-0.065	-0.012	-0.101	-0.089	-0.032	-0.094	-0.063		-0.121		0.0125
0.0250	0.015	0.005	-0.010	-0.008	-0.053	-0.045	-0.009	-0.070	-0.061	-0.046	-0.083	-0.037	-0.082	-0.098	-0.017	0.0250
0.0500	0.013	0.008	-0.005	-0.019	-0.038	-0.019	-0.026	-0.059	-0.033	-0.058	-0.070	-0.011	-0.073	-0.092	-0.020	0.0500
0.0750	0.005	-0.012	-0.016	-0.043	-0.042	0.001	-0.061	-0.055	0.005	-0.069	-0.056	0.013	-0.071	-0.091	-0.020	0.0750
0.1000	-0.003	-0.017	-0.014	-0.051	-0.046	0.005	-0.067	-0.052	0.015	-0.077	-0.060	0.017	-0.067	-0.089	-0.022	0.1000
0.1500	-0.013	-0.020	-0.007	-0.047	-0.056	-0.009	-0.061	-0.056	0.004	-0.071	-0.070	0.002	-0.064	-0.087	-0.023	0.1500
0.2000	-0.024	-0.026	-0.002	-0.060	-0.068	-0.009	-0.054	-0.049	0.005	-0.066	-0.081	-0.016	-0.061	-0.079	-0.018	0.2000
0.3000	-0.038	-0.056	-0.018	-0.055	-0.054	0.000	-0.054	-0.059	-0.005	-0.064	-0.079	-0.016	-0.062	-0.077	-0.015	0.3000
0.4000	-0.056	-0.024	0.032	-0.056	-0.068	-0.011	-0.061	-0.063	-0.002	-0.062	-0.073	-0.011	-0.070	-0.073	-0.002	0.4000
0.5000	-0.047	-0.042	0.005	-0.069	-0.065	0.004	-0.064	-0.066	-0.002	-0.062	-0.070	-0.008	-0.083	-0.071	0.012	0.5000
0.6000	-0.056	-0.054	0.003	-0.074	-0.069	0.005	-0.061			-0.060	-0.064	-0.004	-0.087	-0.071	0.016	0.6000
0.6170								-0.065								0.6170
0.7000	-0.059	-0.070	-0.011	-0.070	-0.076	-0.005	-0.057	-0.061	-0.004	-0.072	-0.058	0.014	-0.100			0.7000
0.7100														-0.069		0.7100
0.8000		-0.041		-0.077	-0.058	0.019	-0.055	-0.050	0.005	-0.101	-0.048	0.052	-0.109			0.8000
0.8100														-0.077		0.8100
0.9000	-0.093	-0.046	0.047	-0.100			-0.085	-0.039	0.046	-0.111	-0.062	0.050	-0.127			0.9000
1.0000	-0.124	-0.085	0.040	-0.139	0.052	0.191	-0.148	-0.030	0.117	-0.104	-0.099	0.006	-0.153	-0.116	0.011	1.0000
							M = 1.303		α = 07.86							
0.0000	-0.039	0.071	0.110	0.025	-0.074	-0.099	-0.112	-0.118	-0.007	0.005	-0.127	-0.133	-0.070	-0.141		0.0000
0.0125	-0.021	0.050	0.072	-0.003	-0.072	-0.069	-0.046	-0.093	-0.048	-0.032	-0.099	-0.067		-0.112		0.0125
0.0250	-0.002	0.028	0.030	-0.020	-0.065	-0.045	-0.011	-0.075	-0.065	-0.056	-0.078	-0.022	-0.073	-0.094	-0.020	0.0250
0.0500	0.043	-0.022	-0.066	-0.027	-0.038	-0.012	-0.034	-0.060	-0.026	-0.064	-0.064	0.000	-0.075	-0.092	-0.018	0.0500
0.0750	0.004	-0.038	-0.042	-0.048	-0.034	0.013	-0.058	-0.056	0.002	-0.076	-0.057	0.019	-0.074	-0.092	-0.019	0.0750
0.1000	-0.028	-0.053	-0.026	-0.059	-0.043	0.015	-0.069	-0.056	0.014	-0.082	-0.064	0.018	-0.069	-0.092	-0.023	0.1000
0.1500	-0.053	-0.051	0.002	-0.028	-0.044	-0.016	-0.058	-0.054	0.005	-0.078	-0.076	0.002	-0.066	-0.091	-0.025	0.1500
0.2000	-0.055	-0.046	0.009	-0.041	-0.058	-0.016	-0.053	-0.058	-0.005	-0.073	-0.084	-0.011	-0.064	-0.084	-0.020	0.2000
0.3000	-0.102	-0.069	0.034	-0.035	-0.038	-0.003	-0.057	-0.051	0.005	-0.068	-0.080	-0.011	-0.064	-0.080	-0.016	0.3000
0.4000	-0.066	-0.005	0.061	-0.051	-0.066	-0.015	-0.065	-0.064	0.000	-0.065	-0.075	-0.010	-0.070	-0.076	-0.006	0.4000
0.5000	-0.043	-0.064	-0.021	-0.061	-0.051	0.010	-0.067	-0.069	-0.002	-0.065	-0.072	-0.007	-0.083	-0.074	0.009	0.5000
0.6000	-0.068	-0.045	0.023	-0.061	-0.055	0.007	-0.064			-0.062	-0.068	-0.006	-0.090	-0.073	0.017	0.6000
0.6170								-0.067								0.6170
0.7000	-0.078	-0.086	-0.008	-0.058	-0.069	-0.011	-0.059	-0.063	-0.004	-0.076	-0.062	0.014	-0.102			0.7000
0.7100														-0.072		0.7100
0.8000		-0.059		-0.058	-0.051	0.008	-0.067	-0.052	0.015	-0.102	-0.051	0.051	-0.113			0.8000
0.8100														-0.074		0.8100
0.9000	-0.108	-0.040	0.068	-0.084			-0.102	-0.037	0.065	-0.115	-0.064	0.051	-0.130			0.9000
1.0000	-0.128	-0.028	0.100	-0.136	0.082	0.218	-0.162	-0.017	0.145	-0.114	-0.101	0.014	-0.152	-0.086	0.044	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BV - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.303 α = 11.94															
0.0000	-0.041	-0.074	-0.033	0.059	-0.067	-0.126	-0.069	-0.094	-0.026	0.020	-0.098	-0.118	-0.033	-0.115		0.0000
0.0125	-0.056	-0.025	0.031	0.022	-0.078	-0.100	-0.042	-0.074	-0.032	-0.016	-0.076	-0.060		-0.091		0.0125
0.0250	-0.058	-0.002	0.056	-0.006	-0.081	-0.075	-0.026	-0.057	-0.031	-0.039	-0.060	-0.021	-0.045	-0.075	-0.031	0.0250
0.0500	-0.020	-0.033	-0.013	-0.032	-0.062	-0.030	-0.030	-0.040	-0.010	-0.047	-0.050	-0.003	-0.048	-0.067	-0.019	0.0500
0.0750	-0.003	-0.046	-0.043	-0.064	-0.058	0.007	-0.024	-0.035	-0.011	-0.052	-0.043	0.009	-0.045	-0.071	-0.026	0.0750
0.1000	-0.030	-0.081	-0.051	-0.072	-0.046	0.025	-0.033	-0.033	0.000	-0.054	-0.047	0.007	-0.042	-0.065	-0.023	0.1000
0.1500	-0.069	-0.089	-0.020	-0.058	-0.045	0.013	-0.051	-0.040	0.010	-0.052	-0.061	-0.009	-0.038	-0.064	-0.026	0.1500
0.2000	-0.117	-0.103	0.014	-0.030	-0.053	-0.023	-0.039	-0.041	-0.001	-0.045	-0.068	-0.023	-0.037	-0.061	-0.024	0.2000
0.3000	-0.139	-0.106	0.033	-0.082	-0.056	0.026	-0.042	-0.035	0.007	-0.038	-0.059	-0.021	-0.041	-0.060	-0.020	0.3000
0.4000	-0.098	-0.067	0.031	-0.061	-0.018	0.043	-0.036	-0.050	-0.014	-0.038	-0.059	-0.021	-0.056	-0.057	-0.001	0.4000
0.5000	-0.089	-0.080	0.009	-0.036	-0.077	-0.042	-0.029	-0.042	-0.014	-0.040	-0.058	-0.018	-0.071	-0.058	0.012	0.5000
0.6000	-0.094	-0.095	-0.001	-0.046	-0.057	-0.012	-0.032			-0.048	-0.055	-0.007	-0.077	-0.061	0.016	0.6000
0.6170								-0.041								0.6170
0.7000	-0.107	-0.109	-0.002	-0.045	-0.060	-0.015	-0.038	-0.045	-0.008	-0.056	-0.054	0.002	-0.094			0.7000
0.7100														-0.057		0.7100
0.8000		-0.091		-0.049	-0.054	-0.004	-0.048	-0.033	0.016	-0.076	-0.043	0.033	-0.105			0.8000
0.8100														-0.062		0.8100
0.9000	-0.130	-0.099	0.031	-0.094			-0.081	-0.012	0.069	-0.089	-0.054	0.035	-0.116			0.9000
1.0000	-0.139	-0.134	0.005	-0.179	-0.017	0.162	-0.137	0.016	0.153	-0.095	-0.087	0.008	-0.128	-0.097	0.019	1.0000
	M = 1.303 α = 15.82															
0.0000	-0.103	-0.125	-0.022	0.097	0.001	-0.096	-0.020	-0.104	-0.084	0.031	-0.083	-0.113	-0.006	-0.091		0.0000
0.0125	-0.105	-0.062	0.043	0.048	-0.066	-0.114	-0.025	-0.087	-0.062	0.006	-0.054	-0.061		-0.067		0.0125
0.0250	-0.104	-0.032	0.073	0.005	-0.109	-0.114	-0.031	-0.072	-0.041	-0.010	-0.035	-0.025	-0.021	-0.052	-0.031	0.0250
0.0500	-0.095	-0.067	0.028	-0.062	-0.121	-0.059	-0.050	-0.052	-0.002	-0.017	-0.024	-0.007	-0.026	-0.049	-0.023	0.0500
0.0750	-0.075	-0.080	-0.006	-0.131	-0.162	-0.031	-0.051	-0.041	0.010	-0.019	-0.020	-0.001	-0.022	-0.048	-0.026	0.0750
0.1000	-0.080	-0.119	-0.039	-0.171	-0.184	-0.013	-0.048	-0.034	0.014	-0.019	-0.024	-0.005	-0.020	-0.046	-0.026	0.1000
0.1500	-0.092	-0.132	-0.040	-0.206	-0.193	0.013	-0.047	-0.029	0.017	-0.014	-0.047	-0.033	-0.015	-0.046	-0.031	0.1500
0.2000	-0.118	-0.132	-0.013	-0.208	-0.180	0.028	-0.021	-0.017	0.004	-0.012	-0.046	-0.034	-0.014	-0.042	-0.027	0.2000
0.3000	-0.185	-0.138	0.047	-0.115	-0.118	-0.003	0.008	-0.003	-0.011	-0.011	-0.042	-0.032	-0.032	-0.043	-0.010	0.3000
0.4000	-0.119	-0.066	0.052	-0.109	-0.130	-0.021	-0.002	-0.007	-0.005	-0.011	-0.041	-0.030	-0.044	-0.046	-0.001	0.4000
0.5000	-0.098	-0.095	0.003	-0.127	-0.082	0.045	-0.002	-0.007	-0.005	-0.011	-0.046	-0.035	-0.052	-0.046	0.006	0.5000
0.6000	-0.116	-0.112	0.003	-0.128	-0.154	-0.026				-0.020	-0.050	-0.030	-0.064	-0.041	0.023	0.6000
0.6170								-0.021								0.6170
0.7000	-0.145	-0.160	-0.015	-0.142	-0.149	-0.007	-0.003	-0.040	-0.037	-0.039	-0.046	-0.007	-0.079			0.7000
0.7100														-0.030		0.7100
0.8000		-0.125		-0.154	-0.155	-0.001	-0.021	-0.015	0.006	-0.069	-0.024	0.045	-0.082			0.8000
0.8100														-0.040		0.8100
0.9000	-0.153	-0.126	0.027	-0.167			-0.068	0.019	0.087	-0.076	-0.026	0.050	-0.085			0.9000
1.0000	-0.131	-0.165	-0.034	-0.182	-0.203	-0.021	-0.145	0.062	0.207	-0.062	-0.053	0.010	-0.088	-0.110	-0.026	1.0000
	M = 1.499 α = 03.83															
0.0000		0.019	0.020	0.044	-0.055	-0.099	-0.073	-0.107	-0.034	0.021	-0.092	-0.112	-0.069	-0.113		0.0000
0.0125	0.006	0.005	-0.001	0.018	-0.055	-0.072	-0.044	-0.084	-0.039	-0.025	-0.082	-0.057		-0.089		0.0125
0.0250	0.010	-0.002	-0.012	-0.001	-0.051	-0.050	-0.031	-0.067	-0.036	-0.055	-0.074	-0.019	-0.076	-0.073	0.003	0.0250
0.0500	0.013	0.005	-0.008	-0.018	-0.036	-0.018	-0.050	-0.052	-0.003	-0.070	-0.062	0.008	-0.080	-0.062	0.018	0.0500
0.0750	0.004	-0.013	-0.016	-0.046	-0.032	0.014	-0.060	-0.046	0.014	-0.077	-0.063	0.014	-0.080	-0.075	0.006	0.0750
0.1000	-0.003	-0.021	-0.018	-0.053	-0.037	0.016	-0.061	-0.040	0.020	-0.080	-0.071	0.009	-0.081	-0.078	0.003	0.1000
0.1500	-0.009	-0.016	-0.007	-0.048	-0.042	0.006	-0.051	-0.048	0.003	-0.083	-0.059	0.024	-0.077	-0.085	-0.008	0.1500
0.2000	-0.022	-0.022	-0.001	-0.043	-0.051	-0.008	-0.055	-0.056	-0.001	-0.080	-0.058	0.022	-0.069	-0.088	-0.020	0.2000
0.3000	-0.049	-0.048	0.002	-0.055	-0.058	-0.003	-0.060	-0.062	-0.002	-0.071	-0.055	0.017	-0.070	-0.079	-0.009	0.3000
0.4000	-0.061	-0.012	0.049	-0.066	-0.060	0.006	-0.068	-0.068	0.001	-0.074	-0.049	0.025	-0.078	-0.076	0.002	0.4000
0.5000	-0.046	-0.039	0.007	-0.068	-0.060	0.008	-0.070	-0.069	0.001	-0.066	-0.053	0.012	-0.081	-0.076	0.005	0.5000
0.6000	-0.052	-0.047	0.005	-0.063	-0.060	0.003	-0.066			-0.069	-0.050	0.019	-0.089	-0.075	0.014	0.6000
0.6170								-0.071								0.6170
0.7000	-0.059	-0.065	-0.005	-0.065	-0.068	-0.003	-0.068	-0.074	-0.005	-0.080	-0.048	0.033	-0.100			0.7000
0.7100														-0.074		0.7100
0.8000		-0.044		-0.067	-0.067	0.001	-0.077	-0.060	0.016	-0.097	-0.040	0.057	-0.103			0.8000
0.8100														-0.078		0.8100
0.9000	-0.075	-0.048	0.027	-0.087			-0.101	-0.047	0.054	-0.095	-0.046	0.049	-0.106			0.9000
1.0000	-0.084	-0.079	0.005	-0.124	-0.034	0.090	-0.142	-0.035	0.106	-0.073	-0.064	0.010	-0.108	-0.105	0.001	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BV - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.704 α = 03.83															
0.0000	-0.010	0.023	0.033	0.048	-0.007	-0.055	0.022	-0.087	-0.109	0.004	-0.074	-0.078	-0.007	-0.068		0.0000
0.0125	-0.003	0.010	0.013	0.028	-0.023	-0.052	0.005	-0.069	-0.075	-0.007	-0.063	-0.055		-0.047		0.0125
0.0250	0.002	0.002	0.001	0.014	-0.031	-0.045	-0.010	-0.057	-0.047	-0.019	-0.055	-0.036	-0.041	-0.034	0.007	0.0250
0.0500	0.009	0.006	-0.003	-0.001	-0.021	-0.020	-0.034	-0.048	-0.014	-0.044	-0.049	-0.005	-0.055	-0.035	0.020	0.0500
0.0750	0.001	-0.006	-0.008	-0.040	-0.020	0.020	-0.056	-0.036	0.020	-0.062	-0.038	0.023	-0.051	-0.036	0.015	0.0750
0.1000	-0.004	-0.015	-0.010	-0.051	-0.024	0.027	-0.059	-0.033	0.026	-0.062	-0.041	0.022	-0.055	-0.048	0.007	0.1000
0.1500	-0.012	-0.013	-0.001	-0.049	-0.036	0.013	-0.055	-0.037	0.019	-0.064	-0.037	0.027	-0.056	-0.051	0.005	0.1500
0.2000	-0.028	-0.024	0.004	-0.046	-0.046	-0.001	-0.052	-0.046	0.006	-0.058	-0.035	0.023	-0.053	-0.059	-0.006	0.2000
0.3000	-0.062	-0.045	0.017	-0.050	-0.053	-0.003	-0.050	-0.055	-0.005	-0.052	-0.039	0.013	-0.052	-0.062	-0.010	0.3000
0.4000	-0.056	-0.008	0.048	-0.052	-0.048	0.003	-0.054	-0.058	-0.004	-0.053	-0.038	0.015	-0.062	-0.062	0.000	0.4000
0.5000	-0.041	-0.037	0.004	-0.057	-0.053	0.004	-0.057	-0.058	-0.001	-0.055	-0.033	0.021	-0.071	-0.059	0.012	0.5000
0.6000	-0.047	-0.044	0.003	-0.054	-0.055	-0.001	-0.054			-0.059	-0.030	0.029	-0.077	-0.059	0.018	0.6000
0.6170								-0.055								0.6170
0.7000	-0.054	-0.056	-0.002	-0.054	-0.059	-0.005	-0.053	-0.057	-0.004	-0.064	-0.029	0.035	-0.082			0.7000
0.7100														-0.058		0.7100
0.8000		-0.041		-0.060	-0.058	0.002	-0.065	-0.050	0.015	-0.078	-0.031	0.047	-0.086			0.8000
0.8100														-0.062		0.8100
0.9000	-0.064	-0.047	0.017	-0.074			-0.080	-0.045	0.035	-0.081	-0.033	0.048	-0.086			0.9000
1.0000	-0.068	-0.073	-0.005	-0.096	-0.036	0.061	-0.097	-0.041	0.056	-0.072	-0.035	0.037	-0.082	-0.086		1.0000
	M = 1.903 α = 03.98															
0.0000	-0.012	0.026	0.037	0.056	0.032	-0.024	-0.006	-0.078	-0.072	0.040	-0.023	-0.063	0.018	-0.041		0.0000
0.0125	-0.009	0.015	0.023	0.040	0.000	-0.040	0.016	-0.047	-0.063	0.026	-0.026	-0.052		-0.027		0.0125
0.0250	-0.005	0.007	0.012	0.029	-0.018	-0.046	0.024	-0.027	-0.051	0.013	-0.027	-0.040	-0.010	-0.019	-0.009	0.0250
0.0500	0.005	0.003	-0.002	0.022	-0.011	-0.032	-0.003	-0.021	-0.018	-0.014	-0.027	-0.012	-0.026	-0.024	0.002	0.0500
0.0750	0.003	-0.004	-0.007	-0.025	-0.019	0.006	-0.024	-0.019	0.004	-0.029	-0.023	0.006	-0.030	-0.025	0.005	0.0750
0.1000	-0.002	-0.014	-0.012	-0.038	-0.025	0.013	-0.036	-0.019	0.017	-0.043	-0.025	0.018	-0.035	-0.033	0.002	0.1000
0.1500	-0.012	-0.013	-0.001	-0.044	-0.031	0.014	-0.040	-0.023	0.017	-0.047	-0.028	0.020	-0.044	-0.045		0.1500
0.2000	-0.023	-0.022	0.001	-0.040	-0.039	0.001	-0.041	-0.034	0.007	-0.050	-0.029	0.022	-0.047	-0.049	-0.002	0.2000
0.3000	-0.058	-0.037	0.021	-0.038	-0.046	-0.008	-0.041	-0.047	-0.006	-0.049	-0.038	0.011	-0.051	-0.052	-0.001	0.3000
0.4000	-0.040	-0.012	0.028	-0.047	-0.051	-0.004	-0.044	-0.052	-0.008	-0.049	-0.039	0.010	-0.058	-0.057	0.001	0.4000
0.5000	-0.034	-0.043	-0.008	-0.054	-0.046	0.008	-0.048	-0.052	-0.004	-0.052	-0.041	0.011	-0.062	-0.057	0.004	0.5000
0.6000	-0.041	-0.044	-0.003	-0.050	-0.049	0.001	-0.051			-0.059	-0.039	0.020	-0.067	-0.056	0.011	0.6000
0.6170								-0.048								0.6170
0.7000	-0.050	-0.051	-0.002	-0.050	-0.051	-0.001	-0.053	-0.048	0.006	-0.067	-0.034	0.033	-0.073			0.7000
0.7100														-0.052		0.7100
0.8000		-0.043		-0.053	-0.047	0.006	-0.060	-0.046	0.014	-0.079	-0.028	0.051	-0.082			0.8000
0.8100														-0.057		0.8100
0.9000	-0.054	-0.040	0.014	-0.062			-0.074	-0.043	0.031	-0.079	-0.031	0.048	-0.080			0.9000
1.0000	-0.050	-0.041	0.008	-0.077	-0.027	0.051	-0.095	-0.039	0.057	-0.067	-0.043	0.024	-0.069	-0.085	-0.005	1.0000
	M = 2.225 α = -03.78															
0.0000	0.017	0.023	0.006	0.127	0.135	0.009	-0.277	-0.004	0.273	0.057	0.079	0.021	0.177	0.092		0.0000
0.0125	0.002	0.016	0.013	0.098	0.075	-0.023	-0.039	0.029	0.068	0.093	0.072	-0.021		0.084		0.0125
0.0250	-0.007	0.011	0.018	0.080	0.039	-0.041	0.102	0.048	-0.054	0.108	0.065	-0.043	0.087	0.077	-0.010	0.0250
0.0500	-0.012	0.005	0.017	0.075	0.040	-0.035	0.090	0.041	-0.049	0.078	0.052	-0.026	0.048	0.065	0.018	0.0500
0.0750	-0.002	0.002	0.004	0.013	0.008	-0.005	0.045	0.035	-0.010	0.052	0.045	-0.007	0.060	0.057	-0.003	0.0750
0.1000	0.004	-0.002	-0.006	-0.008	-0.004	0.004	0.018	0.026	0.008	0.030	0.032	0.002	0.047	0.045	-0.002	0.1000
0.1500	-0.013	-0.020	-0.007	-0.029	-0.016	0.014	0.004	0.005	0.002	0.014	0.045	0.031	0.034	0.030	-0.005	0.1500
0.2000	-0.016	-0.021	-0.005	-0.033	-0.031	0.002	-0.009	-0.001	0.008	0.002	0.035	0.033	0.024	0.018	-0.006	0.2000
0.3000	-0.034	-0.027	0.007	-0.039	-0.043	-0.004	-0.026	-0.022	0.004	-0.011	0.023	0.034	0.004	0.002	-0.002	0.3000
0.4000	-0.032	-0.019	0.013	-0.046	-0.048	-0.002	-0.039	-0.039	0.000	-0.022	0.019	0.041	-0.012	-0.009	0.003	0.4000
0.5000	-0.041	-0.044	-0.003	-0.053	-0.052	0.001	-0.044	-0.046	-0.002	-0.034	0.003	0.036	-0.022	-0.012	0.010	0.5000
0.6000	-0.040	-0.038	0.002	-0.062	-0.053	0.008	-0.050			-0.044	-0.003	0.041	-0.032	-0.019	0.013	0.6000
0.6170								-0.049								0.6170
0.7000	-0.045	-0.034	0.010	-0.061	-0.053	0.008	-0.055	-0.053	0.001	-0.055	-0.008	0.047	-0.041			0.7000
0.7100														-0.023		0.7100
0.8000		-0.052		-0.061	-0.050	0.010	-0.057	-0.052	0.005	-0.063	-0.009	0.053	-0.047			0.8000
0.8100														-0.031		0.8100
0.9000	-0.066	-0.056	0.010	-0.068			-0.071	-0.044	0.027	-0.071	-0.013	0.058	-0.056			0.9000
1.0000	-0.082	-0.045	0.037	-0.084	-0.042	0.042	-0.098	-0.031	0.067	-0.080	-0.019	0.060	-0.068	-0.061	-0.005	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BV - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 2.237		α = 00.25							
0.0000	0.000	0.015	0.015	0.103	0.104	0.001	0.100	0.024	-0.076	0.034	0.078	0.044	0.098	0.048		0.0000
0.0125	-0.004	0.015	0.019	0.076	0.054	-0.022	0.087	0.025	-0.062	0.058	0.046	-0.012		0.051		0.0125
0.0250	-0.005	0.013	0.019	0.060	0.023	-0.037	0.074	0.025	-0.049	0.069	0.027	-0.042	0.058	0.049	-0.010	0.0250
0.0500	-0.001	0.004	0.004	0.060	0.018	-0.042	0.044	0.021	-0.023	0.050	0.027	-0.022	0.036	0.033	-0.003	0.0500
0.0750	0.005	0.003	-0.002	0.000	-0.002	-0.002	0.012	0.015	0.004	0.025	0.023	-0.003	0.031	0.038	0.007	0.0750
0.1000	0.001	-0.007	-0.007	-0.017	-0.011	0.006	-0.003	0.008	0.011	0.011	0.016	0.005	0.025	0.025	0.000	0.1000
0.1500	-0.012	-0.015	-0.003	-0.029	-0.022	0.007	-0.013	-0.004	0.010	-0.003	0.017	0.020	0.016	0.006	-0.010	0.1500
0.2000	-0.016	-0.016		-0.033	-0.031	0.002	-0.025	-0.016	0.009	-0.015	0.033	0.049	0.002		-0.002	0.2000
0.3000	-0.036	-0.022	0.014	-0.039	-0.040	-0.001	-0.036	-0.033	0.003	-0.023	0.018	0.042	-0.016	-0.012	0.004	0.3000
0.4000	-0.026	-0.008	0.018	-0.043	-0.046	-0.003	-0.042	-0.041	0.001	-0.036	0.012	0.048	-0.027	-0.020	0.007	0.4000
0.5000	-0.033	-0.037	-0.004	-0.054	-0.049	0.005	-0.045	-0.045	0.000	-0.040	0.000	0.040	-0.038	-0.025	0.013	0.5000
0.6000	-0.026	-0.029	-0.003	-0.055	-0.046	0.009	-0.048			-0.046	-0.005	0.042	-0.047	-0.030	0.017	0.6000
0.6170								-0.049								0.6170
0.7000	-0.040	-0.023	0.017	-0.051	-0.049	0.002	-0.052	-0.051	0.001	-0.056	-0.006	0.049	-0.053			0.7000
0.7100														-0.035		0.7100
0.8000		-0.053		-0.050	-0.042	0.008	-0.054	-0.046	0.008	-0.064	-0.008	0.055	-0.064			0.8000
0.8100														-0.041		0.8100
0.9000	-0.058	-0.050	0.008	-0.059			-0.058	-0.036	0.022	-0.068	-0.008	0.059	-0.062			0.9000
1.0000	-0.063	-0.014	0.049	-0.079	0.003	0.081	-0.064	-0.020	0.045	-0.068	-0.006	0.062	-0.047	-0.054	0.007	1.0000
							M = 2.235		α = 04.23							
0.0000	-0.002	0.012	0.014	0.089	0.086	-0.003	-0.006	-0.052	-0.046	-0.004	-0.053	-0.049	0.190	0.019		0.0000
0.0125	-0.005	0.010	0.015	0.065	0.045	-0.020	0.029	-0.013	-0.042	0.029	-0.015	-0.044		0.022		0.0125
0.0250	-0.005	0.008	0.013	0.052	0.019	-0.032	0.044	0.009	-0.035	0.044	0.006	-0.038	0.030	0.022	-0.008	0.0250
0.0500	0.002		-0.002	0.058	0.012	-0.045	0.017	0.003	-0.014	0.023	0.002	-0.021	-0.031	0.010	0.041	0.0500
0.0750	0.006	-0.002	-0.007	0.002	-0.004	-0.006	0.001	0.001	0.001	0.001	0.002	0.001	0.008	0.008	0.000	0.0750
0.1000	0.002	-0.008	-0.010	-0.010	-0.008	0.002	-0.010	-0.005	0.004	-0.009	-0.007	0.002	-0.003	0.001	0.004	0.1000
0.1500	-0.009	-0.012	-0.003	-0.025	-0.019	0.006	-0.023	-0.012	0.011	-0.020	0.018	0.038	-0.011	-0.009	0.002	0.1500
0.2000	-0.013	-0.012	0.002	-0.029	-0.026	0.003	-0.030	-0.018	0.011	-0.029	0.013	0.041	-0.017	-0.019	-0.001	0.2000
0.3000	-0.032	-0.020	0.012	-0.032	-0.032	0.000	-0.035	-0.029	0.006	-0.032	0.006	0.037	-0.032	-0.031	0.001	0.3000
0.4000	-0.021	-0.002	0.019	-0.034	-0.036	-0.002	-0.041	-0.039	0.002	-0.039	0.003	0.042	-0.037	-0.034	0.003	0.4000
0.5000	-0.026	-0.031	-0.005	-0.043	-0.037	0.006	-0.044	-0.044	0.000	-0.044	-0.002	0.041	-0.043	-0.037	0.006	0.5000
0.6000	-0.016	-0.021	-0.005	-0.043	-0.036	0.006	-0.045			-0.049	-0.007	0.042	-0.050	-0.041	0.009	0.6000
0.6170								-0.046								0.6170
0.7000	-0.032	-0.013	0.020	-0.037	-0.036	0.001	-0.049	-0.047	0.002	-0.052	-0.007	0.045	-0.057			0.7000
0.7100														-0.042		0.7100
0.8000		-0.046		-0.038	-0.030	0.008	-0.050	-0.042	0.008	-0.058	-0.009	0.049	-0.065			0.8000
0.8100														-0.045		0.8100
0.9000	-0.048	-0.042	0.006	-0.050			-0.052	-0.038	0.014	-0.064	-0.004	0.060	-0.065			0.9000
1.0000	-0.047	-0.002	0.045	-0.075	0.003	0.078	-0.055	-0.036	0.019	-0.070	0.006	0.076	-0.057	-0.056	0.009	1.0000
							M = 2.230		α = 08.21							
0.0000	0.056	0.064	0.008	0.072	0.043	-0.029	0.053	-0.028	-0.081	-0.021	-0.024	-0.003	0.049	-0.061		0.0000
0.0125	0.016	0.019	0.003	0.075	0.024	-0.051	0.054	-0.004	-0.058	0.023	-0.007	-0.030		-0.013		0.0125
0.0250	-0.008	-0.007	0.001	0.063	0.013	-0.050	0.050	0.010	-0.040	0.043	0.003	-0.040	0.014	0.013		0.0250
0.0500	-0.010	-0.005	0.004	-0.010	0.013	0.023	0.026	0.011	-0.015	0.013	0.001	-0.013	-0.005	0.001	0.006	0.0500
0.0750	-0.017	-0.016	0.002	-0.010	-0.007	0.003	0.009	0.009	0.000	-0.001	0.002	0.004	-0.008		0.008	0.0750
0.1000	-0.017	-0.017	0.000	-0.017	-0.025	-0.007	-0.002	0.007	0.009	-0.012	-0.001	0.012	-0.010	-0.004	0.005	0.1000
0.1500	-0.022	-0.042	-0.020	-0.020	-0.020	0.000	-0.009	-0.002	0.007	-0.019	0.008	0.027	-0.015	-0.015	-0.001	0.1500
0.2000	-0.024	-0.035	-0.011	-0.026	-0.036	-0.011	-0.016	-0.013	0.002	-0.020	0.018	0.038	-0.018	-0.020	-0.003	0.2000
0.3000	-0.040	-0.038	0.002	-0.029	-0.032	-0.003	-0.023	-0.027	-0.004	-0.023	0.008	0.031	-0.025	-0.025	0.000	0.3000
0.4000	-0.042	-0.042		-0.033	-0.029	0.004	-0.028	-0.030	-0.002	-0.028	0.010	0.038	-0.031	-0.031	-0.001	0.4000
0.5000	-0.038	-0.059	-0.021	-0.041	-0.036	0.006	-0.030	-0.033	-0.002	-0.033	0.004	0.037	-0.039	-0.033	0.006	0.5000
0.6000	-0.030	-0.032	-0.002	-0.030	-0.036	-0.006	-0.031			-0.036	0.000	0.036	-0.043	-0.034	0.009	0.6000
0.6170								-0.035								0.6170
0.7000	-0.045	-0.059	-0.014	-0.039	-0.028	0.010	-0.032	-0.033	-0.001	-0.039	0.001	0.040	-0.048			0.7000
0.7100														-0.036		0.7100
0.8000	-0.063	-0.041	0.022	-0.050	-0.006	0.044	-0.035	-0.027	0.008	-0.048	0.002	0.050	-0.051			0.8000
0.8100														-0.038		0.8100
0.9000	-0.063	-0.029	0.035	0.019	-0.001	-0.020	-0.041	-0.019	0.022	-0.050	0.005	0.055	-0.052			0.9000
1.0000	-0.045	-0.023	0.023	0.171	-0.011	-0.182	-0.052	-0.008	0.044	-0.047	0.010	0.056	-0.049	-0.043	0.009	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BV - Concluded

x/c	y/b = 0.250			y/b = 0.400			y/b = 0.550			y/b = 0.700			y/b = 0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 2.234 α = 12.24															
0.0000	0.050	0.061	-0.011	0.131	0.131	0.000	-0.054	-0.043	-0.011	0.006	-0.081	-0.087	0.052	-0.009		0.0000
0.0125	0.017	0.010	-0.007	0.109	0.088	-0.021	0.022	0.001	-0.021	0.028	-0.025	-0.046		-0.002		0.0125
0.0250	-0.008	-0.022	-0.015	0.097	0.061	-0.036	0.062	0.028	-0.034	0.027	0.009	-0.018	-0.003	0.002	0.005	0.0250
0.0500	-0.030	-0.030	0.000	0.098	0.051	-0.046	0.036	0.030	-0.006	0.014	0.011	-0.003	-0.023	-0.001	0.023	0.0500
0.0750	-0.039	-0.038	0.001	0.045	0.042	-0.003	0.025	0.034	0.009	0.005	0.013	0.008	-0.010	-0.005	0.005	0.0750
0.1000	-0.036	-0.041	-0.004	0.030	0.034	0.003	0.017	0.032	0.015		0.011	0.012	-0.012	-0.010	0.002	0.1000
0.1500	-0.053	-0.043	-0.010	0.010	0.011	0.000	0.014	0.023	0.009	-0.005	0.017	0.022	-0.013	-0.011	0.002	0.1500
0.2000	-0.062	-0.071	-0.010	-0.005	-0.010	-0.005	0.008	0.016	0.008	-0.006	0.027	0.034	-0.015	-0.017	-0.002	0.2000
0.3000	-0.075	-0.080	-0.005	-0.030	-0.039	-0.009	-0.003	-0.001	0.002	-0.009	0.008	0.017	-0.019	-0.020		0.3000
0.4000	-0.070	-0.070	0.000	-0.047	-0.055	-0.008	-0.015	-0.017	-0.002	-0.018	0.009	0.027	-0.028	-0.027	0.002	0.4000
0.5000	-0.080	-0.089	-0.009	-0.058	-0.058	0.000	-0.025	-0.030	-0.005	-0.025	0.004	0.029	-0.037	-0.031	0.006	0.5000
0.6000	-0.073	-0.081	-0.008	-0.060	-0.060	0.001	-0.034			-0.035	-0.003	0.032	-0.040	-0.033	0.007	0.6000
0.6170								-0.034								0.6170
0.7000	-0.074	-0.075		-0.055	-0.058	-0.003	-0.038	-0.035	0.002	-0.041	-0.005	0.036	-0.047			0.7000
0.7100														-0.036		0.7100
0.8000		-0.076		-0.058	-0.052	0.007	-0.038	-0.033	0.005	-0.047	-0.005	0.042	-0.052			0.8000
0.8100														-0.037		0.8100
0.9000	-0.082	-0.071	0.011	-0.069			-0.050	-0.022	0.027	-0.051	-0.003	0.048	-0.054			0.9000
1.0000	-0.089	-0.062	0.027	-0.086	-0.023	0.063	-0.071	-0.004	0.068	-0.052	0.001	0.053	-0.051	-0.036	0.017	1.0000
	M = 2.220 α = 16.22															
0.0000	-0.006	0.009	0.016	0.054	0.074	0.020	0.089	0.044	-0.044	0.089	-0.146	-0.235	0.121	0.015		0.0000
0.0125	-0.032	-0.031	0.001	0.016	0.004	-0.011	0.095	0.058	-0.037	0.071	-0.032	-0.103		0.023		0.0125
0.0250	-0.049	-0.056	-0.007	-0.007	-0.036	-0.029	0.090	0.063	-0.028	0.056	0.036	-0.020	0.019	0.027	0.008	0.0250
0.0500	-0.061	-0.066	-0.005	-0.005	-0.029	-0.024	0.051	0.049	-0.002	0.038	0.038	0.001	-0.014	0.029	0.043	0.0500
0.0750	-0.076	-0.072	0.004	-0.067	-0.071	-0.003	0.038	0.040	0.002	0.031	0.042	0.011	0.020	0.029	0.009	0.0750
0.1000	-0.072	-0.074	-0.002	-0.080	-0.078	0.002	0.023	0.032	0.009	0.023	0.041	0.018	0.018	0.026	0.008	0.1000
0.1500	-0.089	-0.095	-0.006	-0.099	-0.086	0.013	0.003	0.020	0.017	0.024	0.051	0.028	0.020	0.019	-0.001	0.1500
0.2000	-0.097	-0.103	-0.007	-0.102	-0.106	-0.004	-0.001	0.010	0.011	0.033	0.061	0.028	0.022	0.018	-0.004	0.2000
0.3000	-0.110	-0.111		-0.113	-0.118	-0.005	-0.005	0.003	0.007	0.035	0.038	0.003	0.017	0.006	-0.011	0.3000
0.4000	-0.112	-0.102	0.010	-0.116	-0.126	-0.010	-0.018	-0.034	-0.016	0.020	0.027	0.007	0.006	-0.004	-0.009	0.4000
0.5000	-0.120	-0.124	-0.005	-0.126	-0.132	-0.006	-0.056	-0.055	0.001	-0.008	0.009	0.017	-0.013	-0.009	0.004	0.5000
0.6000	-0.116	-0.122	-0.006	-0.139	-0.140	-0.001	-0.081			-0.020	-0.005	0.015	-0.026	-0.015	0.012	0.6000
0.6170								-0.083								0.6170
0.7000	-0.114	-0.119	-0.005	-0.148	-0.144	0.004	-0.088	-0.086	0.002	-0.033	-0.010	0.023	-0.035			0.7000
0.7100														-0.021		0.7100
0.8000		-0.117		-0.145	-0.142	0.003	-0.094	-0.086	0.008	-0.043	-0.010	0.034	-0.042			0.8000
0.8100														-0.026		0.8100
0.9000	-0.120	-0.111	0.009	-0.148			-0.105	-0.084	0.020	-0.049	-0.010	0.038	-0.043			0.9000
1.0000	-0.127	-0.101	0.026	-0.157	-0.120	0.037	-0.118	-0.080	0.038	-0.049	-0.011	0.038	-0.039	-0.031	0.012	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(g) BVC $\delta = -0.1^\circ$

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M= 0.701	α =-04.08								
0.0000	-0.047	-0.067	-0.019	-0.073	-0.119	-0.046	-0.094	-0.171	-0.077	-0.073	-0.168	-0.095	-0.127	-0.164		0.0000
0.0125	-0.049	-0.060	-0.011	-0.080	-0.123	-0.043	-0.103	-0.147	-0.044	-0.107	-0.136	-0.029		-0.114		0.0125
0.0250	-0.050	-0.057	-0.006	-0.088	-0.124	-0.036	-0.111	-0.129	-0.017	-0.130	-0.115	0.015	-0.130	-0.084	0.046	0.0250
0.0500	-0.051	-0.058	-0.007	-0.106	-0.114	-0.007	-0.128	-0.106	0.022	-0.141	-0.102	0.039	-0.129	-0.088	0.041	0.0500
0.0750	-0.063	-0.075	-0.012	-0.126	-0.108	0.019	-0.134	-0.100	0.034	-0.143	-0.098	0.045	-0.124	-0.081	0.043	0.0750
0.1000	-0.073	-0.079	-0.005	-0.130	-0.109	0.021	-0.129	-0.098	0.031	-0.139	-0.104	0.034	-0.118	-0.085	0.033	0.1000
0.1500	-0.082	-0.082	0.001	-0.121	-0.110	0.011	-0.118	-0.106	0.011	-0.122	-0.102	0.019	-0.110	-0.081	0.029	0.1500
0.2000	-0.088	-0.085	0.004	-0.110	-0.111	-0.001	-0.117	-0.107	0.010	-0.110	-0.094	0.016	-0.110	-0.076	0.034	0.2000
0.3000	-0.094	-0.094	-0.001	-0.108	-0.105	0.004	-0.108	-0.098	0.011	-0.099	-0.077	0.022	-0.109	-0.064	0.045	0.3000
0.4000	-0.098	-0.092	0.006	-0.104	-0.094	0.009	-0.098	-0.081	0.017	-0.092	-0.064	0.028	-0.103	-0.054	0.048	0.4000
0.5000	-0.095	-0.078	0.017	-0.097	-0.080	0.017	-0.087	-0.067	0.020	-0.089	-0.051	0.039	-0.092	-0.046	0.046	0.5000
0.6000	-0.077	-0.070	0.007	-0.088	-0.075	0.013	-0.077			-0.092	-0.038	0.054	-0.079	-0.035	0.045	0.6000
0.6170								-0.047								0.6170
0.7000	-0.092	-0.054	0.038	-0.073	-0.054	0.019	-0.069	-0.023	0.047	-0.086	-0.025	0.061	-0.066			0.7000
0.7100														-0.027		0.7100
0.8000		-0.059		-0.061	-0.019	0.042	-0.066	0.014	0.080	-0.060	-0.006	0.054	-0.040			0.8000
0.8100														-0.023		0.8100
0.9000	-0.063	-0.014	0.049	-0.030			-0.046	0.026	0.072	-0.018	-0.011	0.007	-0.021			0.9000
1.0000	-0.019	0.081	0.099	0.019	0.095	0.076	-0.008	0.014	0.022	0.040	-0.041	-0.081	-0.011	-0.024	-0.002	1.0000
							M = 0.695	α =-00.25								
0.0000	-0.039	-0.034	0.005	-0.035	-0.073	-0.038	-0.083	-0.160	-0.077	-0.054	-0.154	-0.100	-0.100	-0.119		0.0000
0.0125	-0.037	-0.043	-0.006	-0.060	-0.101	-0.041	-0.090	-0.136	-0.046	-0.090	-0.124	-0.034		-0.102		0.0125
0.0250	-0.038	-0.049	-0.012	-0.079	-0.114	-0.035	-0.098	-0.118	-0.020	-0.114	-0.105	0.010	-0.110	-0.089	0.021	0.0250
0.0500	-0.046	-0.052	-0.005	-0.096	-0.095	0.001	-0.113	-0.098	0.015	-0.122	-0.094	0.028	-0.113	-0.079	0.034	0.0500
0.0750	-0.056	-0.065	-0.009	-0.116	-0.097	0.019	-0.118	-0.093	0.025	-0.124	-0.090	0.034	-0.108	-0.073	0.035	0.0750
0.1000	-0.061	-0.072	-0.011	-0.117	-0.101	0.016	-0.115	-0.092	0.023	-0.120	-0.096	0.024	-0.103	-0.077	0.025	0.1000
0.1500	-0.070	-0.074	-0.004	-0.107	-0.102	0.005	-0.105	-0.097	0.008	-0.105	-0.095	0.010	-0.096	-0.072	0.024	0.1500
0.2000	-0.078	-0.078		-0.099	-0.102	-0.003	-0.101	-0.099	0.002	-0.096	-0.087	0.009	-0.099	-0.067	0.032	0.2000
0.3000	-0.085	-0.090	-0.005	-0.099	-0.098	0.001	-0.096	-0.091	0.006	-0.087	-0.071	0.016	-0.096	-0.057	0.039	0.3000
0.4000	-0.090	-0.089	0.002	-0.093	-0.086	0.007	-0.087	-0.073	0.013	-0.082	-0.060	0.022	-0.091	-0.052	0.038	0.4000
0.5000	-0.086	-0.078	0.008	-0.086	-0.074	0.012	-0.078	-0.062	0.016	-0.080	-0.048	0.032	-0.081	-0.044	0.037	0.5000
0.6000	-0.078	-0.066	0.012	-0.074	-0.060	0.015	-0.070			-0.084	-0.037	0.046	-0.071	-0.034	0.037	0.6000
0.6170								-0.035								0.6170
0.7000	-0.081	-0.055	0.026	-0.060	-0.036	0.024	-0.061	-0.016	0.045	-0.079	-0.025	0.055	-0.060			0.7000
0.7100														-0.025		0.7100
0.8000		-0.051		-0.051	-0.014	0.038	-0.058	0.017	0.075	-0.052	-0.011	0.041	-0.037			0.8000
0.8100														-0.019		0.8100
0.9000	-0.052	-0.020	0.032	-0.027			-0.041	0.020	0.061	-0.011	-0.017	-0.005	-0.020			0.9000
1.0000	-0.019	0.040	0.059	0.014	0.029	0.014	-0.011	-0.007	0.004	0.044	-0.042	-0.086	-0.010	-0.012	0.009	1.0000
							M = 0.697	α = 03.78								
0.0000	-0.023	-0.043	-0.021	-0.029	-0.023	0.006	-0.055	-0.134	-0.079	-0.039	-0.134	-0.095	-0.098	-0.092		0.0000
0.0125	-0.023	-0.037	-0.014	-0.048	-0.076	-0.028	-0.070	-0.118	-0.048	-0.068	-0.108	-0.040		-0.081		0.0125
0.0250	-0.024	-0.034	-0.010	-0.062	-0.104	-0.042	-0.081	-0.104	-0.024	-0.087	-0.091	-0.003	-0.093	-0.074	0.019	0.0250
0.0500	-0.030	-0.040	-0.010	-0.073	-0.081	-0.008	-0.093	-0.085	0.008	-0.097	-0.082	0.015	-0.089	-0.066	0.022	0.0500
0.0750	-0.046	-0.049	-0.003	-0.088	-0.084	0.004	-0.097	-0.081	0.016	-0.100	-0.077	0.023	-0.086	-0.061	0.025	0.0750
0.1000	-0.049	-0.057	-0.009	-0.102	-0.088	0.014	-0.094	-0.077	0.017	-0.095	-0.082	0.013	-0.082	-0.066	0.016	0.1000
0.1500	-0.054	-0.065	-0.011	-0.099	-0.090	0.009	-0.085	-0.084	0.001	-0.084	-0.082	0.002	-0.078	-0.059	0.019	0.1500
0.2000	-0.067	-0.067		-0.087	-0.094	-0.006	-0.083	-0.085	-0.002	-0.078	-0.074	0.005	-0.080	-0.053	0.027	0.2000
0.3000	-0.074	-0.075	-0.001	-0.086	-0.086		-0.078	-0.074	0.004	-0.070	-0.058	0.012	-0.080	-0.046	0.034	0.3000
0.4000	-0.078	-0.077	0.001	-0.083	-0.075	0.008	-0.073	-0.058	0.015	-0.066	-0.048	0.018	-0.075	-0.040	0.035	0.4000
0.5000	-0.075	-0.071	0.003	-0.078	-0.067	0.011	-0.062	-0.048	0.014	-0.065	-0.040	0.025	-0.067	-0.033	0.033	0.5000
0.6000	-0.069	-0.060	0.009	-0.069	-0.059	0.010	-0.056			-0.070	-0.025	0.045	-0.056	-0.025	0.031	0.6000
0.6170								-0.025								0.6170
0.7000	-0.062	-0.047	0.015	-0.053	-0.040	0.013	-0.047	-0.011	0.036	-0.065	-0.015	0.050	-0.046			0.7000
0.7100														-0.015		0.7100
0.8000		-0.044		-0.048	-0.013	0.035	-0.046	0.022	0.068	-0.041	-0.003	0.038	-0.028			0.8000
0.8100														-0.013		0.8100
0.9000	-0.039	-0.012	0.027	-0.027			-0.037	0.025	0.062	-0.004	-0.011	-0.007	-0.011			0.9000
1.0000	-0.023	0.050	0.073	0.010	0.066	0.056	-0.021	-0.001	0.020	0.048	-0.037	-0.085	0.005	-0.026	-0.015	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(g) BVC $\delta = -0.1°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 0.695 α = 07.81															
0.0000	-0.015	-0.040	-0.025	0.015	-0.082	-0.097	-0.057	-0.144	-0.087	-0.026	-0.134	-0.107	-0.069	-0.104		0.0000
0.0125	-0.025	-0.044	-0.019	-0.027	-0.102	-0.074	-0.066	-0.125	-0.059	-0.057	-0.107	-0.049		-0.080		0.0125
0.0250	-0.031	-0.047	-0.015	-0.055	-0.110	-0.054	-0.074	-0.108	-0.034	-0.078	-0.089	-0.010	-0.074	-0.064	0.010	0.0250
0.0500	-0.037	-0.049	-0.012	-0.068	-0.090	-0.022	-0.089	-0.087	0.002	-0.088	-0.078	0.010	-0.075	-0.060	0.015	0.0500
0.0750	-0.047	-0.062	-0.015	-0.094	-0.091	0.002	-0.095	-0.083	0.012	-0.091	-0.075	0.015	-0.073	-0.055	0.018	0.0750
0.1000	-0.053	-0.068	-0.015	-0.101	-0.094	0.008	-0.093	-0.080	0.013	-0.087	-0.077	0.010	-0.069	-0.058	0.011	0.1000
0.1500	-0.057	-0.070	-0.013	-0.099	-0.094	0.005	-0.084	-0.085	-0.001	-0.077	-0.077	0.000	-0.066	-0.054	0.012	0.1500
0.2000	-0.067	-0.070	-0.002	-0.089	-0.093	-0.004	-0.082	-0.084	-0.002	-0.071	-0.069	0.002	-0.069	-0.049	0.020	0.2000
0.3000	-0.075	-0.075		-0.085	-0.090	-0.005	-0.078	-0.077	0.001	-0.065	-0.056	0.009	-0.070	-0.041	0.029	0.3000
0.4000	-0.079	-0.081	-0.002	-0.080	-0.083	-0.003	-0.072	-0.063	0.009	-0.062	-0.045	0.017	-0.066	-0.036	0.030	0.4000
0.5000	-0.071	-0.070	0.001	-0.076	-0.070	0.006	-0.064	-0.052	0.012	-0.062	-0.035	0.027	-0.060	-0.031	0.029	0.5000
0.6000	-0.061	-0.062	-0.001	-0.064	-0.061	0.003	-0.058			-0.068	-0.025	0.043	-0.053	-0.023	0.030	0.6000
0.6170								-0.031								0.6170
0.7000	-0.067	-0.050	0.017	-0.055	-0.034	0.021	-0.051	-0.014	0.037	-0.066	-0.016	0.050	-0.041			0.7000
0.7100														-0.012		0.7100
0.8000		-0.042		-0.048	-0.011	0.037	-0.051	0.015	0.066	-0.043	-0.006	0.038	-0.024			0.8000
0.8100														-0.012		0.8100
0.9000	-0.042	-0.026	0.017	-0.027			-0.041	0.019	0.060	-0.006	-0.016	-0.009	-0.011			0.9000
1.0000	-0.012	-0.001	0.012	0.009	0.023	0.014	-0.020	-0.002	0.018	0.045	-0.045	-0.090	-0.002	-0.038	-0.027	1.0000
	M = 0.697 α = 11.79															
0.0000	-0.067	-0.066	0.000	-0.026	-0.118	-0.092	-0.061	-0.195	-0.134	-0.034	-0.196	-0.162	-0.099	-0.140		0.0000
0.0125	-0.057	-0.074	-0.017	-0.054	-0.136	-0.082	-0.079	-0.172	-0.093	-0.074	-0.157	-0.084		-0.116		0.0125
0.0250	-0.053	-0.079	-0.026	-0.075	-0.142	-0.068	-0.093	-0.152	-0.059	-0.100	-0.131	-0.031	-0.094	-0.099	-0.005	0.0250
0.0500	-0.061	-0.081	-0.020	-0.094	-0.123	-0.028	-0.110	-0.123	-0.012	-0.112	-0.114	-0.002	-0.091	-0.088	0.002	0.0500
0.0750	-0.065	-0.081	-0.016	-0.113	-0.120	-0.007	-0.118	-0.119	-0.001	-0.116	-0.108	0.008	-0.089	-0.081	0.009	0.0750
0.1000	-0.070	-0.088	-0.018	-0.119	-0.122	-0.003	-0.115	-0.113	0.002	-0.114	-0.114	0.001	-0.086	-0.083	0.003	0.1000
0.1500	-0.074	-0.089	-0.016	-0.110	-0.118	-0.008	-0.107	-0.120	-0.013	-0.104	-0.104	-0.001	-0.084	-0.079	0.006	0.1500
0.2000	-0.080	-0.086	-0.006	-0.101	-0.116	-0.015	-0.104	-0.112	-0.007	-0.097	-0.095	0.002	-0.088	-0.071	0.017	0.2000
0.3000	-0.086	-0.093	-0.008	-0.097	-0.115	-0.018	-0.100	-0.104	-0.004	-0.091	-0.080	0.011	-0.090	-0.065	0.025	0.3000
0.4000	-0.086	-0.093	-0.007	-0.088	-0.097	-0.009	-0.091	-0.084	0.007	-0.089	-0.071	0.018	-0.088	-0.061	0.027	0.4000
0.5000	-0.084	-0.084	0.001	-0.081	-0.081	0.001	-0.082	-0.073	0.009	-0.089	-0.059	0.030	-0.083	-0.053	0.031	0.5000
0.6000	-0.076	-0.074	0.002	-0.068	-0.066	0.002	-0.072			-0.096	-0.048	0.048	-0.075	-0.046	0.029	0.6000
0.6170								-0.047								0.6170
0.7000	-0.079	-0.047	0.012	-0.063	-0.046	0.017	-0.065	-0.030	0.035	-0.093	-0.038	0.055	-0.067			0.7000
0.7100														-0.035		0.7100
0.8000		-0.052		-0.060	-0.021	0.038	-0.067	-0.001	0.065	-0.070	-0.026	0.044	-0.047			0.8000
0.8100														-0.036		0.8100
0.9000	-0.066	-0.030	0.036	-0.036			-0.055	0.003	0.057	-0.031	-0.037	-0.005	-0.035			0.9000
1.0000	-0.050	-0.001	0.048	0.008	0.042	0.033	-0.029	-0.018	0.012	0.024	-0.069	-0.093	-0.032	-0.065	-0.030	1.0000
	M = 0.699 α = 15.67															
0.0000	-0.026	-0.090	-0.064	-0.029	-0.118	-0.089	-0.051	-0.216	-0.165	-0.031	-0.269	-0.237	-0.185	-0.068		0.0000
0.0125	-0.033	-0.080	-0.047	-0.048	-0.134	-0.086	-0.059	-0.183	-0.124	-0.076	-0.210	-0.134		-0.134		0.0125
0.0250	-0.037	-0.074	-0.037	-0.062	-0.142	-0.080	-0.069	-0.157	-0.088	-0.106	-0.171	-0.065	-0.150	-0.167	-0.017	0.0250
0.0500	-0.040	-0.075	-0.035	-0.077	-0.134	-0.058	-0.092	-0.127	-0.035	-0.120	-0.149	-0.028	-0.131	-0.139	-0.008	0.0500
0.0750	-0.056	-0.084	-0.028	-0.097	-0.124	-0.027	-0.103	-0.119	-0.016	-0.126	-0.135	-0.009	-0.129	-0.130	-0.001	0.0750
0.1000	-0.073	-0.090	-0.017	-0.102	-0.117	-0.015	-0.100	-0.110	-0.010	-0.124	-0.138	-0.014	-0.128	-0.132	-0.004	0.1000
0.1500	-0.076	-0.093	-0.017	-0.093	-0.117	-0.023	-0.093	-0.112	-0.020	-0.112	-0.124	-0.012	-0.124	-0.125	-0.001	0.1500
0.2000	-0.083	-0.093	-0.011	-0.086	-0.114	-0.028	-0.090	-0.107	-0.017	-0.105	-0.111	-0.007	-0.126	-0.118	0.009	0.2000
0.3000	-0.089	-0.104	-0.014	-0.085	-0.098	-0.014	-0.086	-0.092	-0.006	-0.096	-0.090	0.006	-0.127	-0.107	0.021	0.3000
0.4000	-0.093	-0.105	-0.012	-0.081	-0.084	-0.003	-0.073	-0.071	0.003	-0.089	-0.078	0.011	-0.123	-0.097	0.026	0.4000
0.5000	-0.092	-0.102	-0.010	-0.072	-0.075	-0.003	-0.064	-0.059	0.005	-0.086	-0.058	0.029	-0.115	-0.084	0.031	0.5000
0.6000	-0.086	-0.090	-0.004	-0.059	-0.065	-0.006	-0.055			-0.088	-0.043	0.045	-0.103	-0.074	0.029	0.6000
0.6170								-0.033								0.6170
0.7000	-0.106	-0.082	0.024	-0.051	-0.048	0.003	-0.049	-0.018	0.031	-0.083	-0.034	0.049	-0.095			0.7000
0.7100														-0.062		0.7100
0.8000		-0.077		-0.048	-0.021	0.027	-0.051	0.009	0.060	-0.060	-0.024	0.036	-0.063			0.8000
0.8100														-0.063		0.8100
0.9000	-0.095	-0.052	0.044	-0.032			-0.040	0.012	0.053	-0.021	-0.031	-0.010	-0.056			0.9000
1.0000	-0.065	-0.008	0.057	-0.003	0.062	0.066	-0.016	-0.008	0.008	0.033	-0.055	-0.088	-0.075	-0.093	-0.037	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(g) BVC $\delta = -0.1°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 0.902						α = 03.73									
0.0000	-0.023	-0.024	-0.001	-0.052	-0.086	-0.034	-0.079	-0.172	-0.094	-0.057	-0.176	-0.119	-0.102	-0.140		0.0000
0.0125	-0.025	-0.034	-0.009	-0.072	-0.115	-0.044	-0.091	-0.151	-0.060	-0.087	-0.147	-0.060		-0.120		0.0125
0.0250	-0.028	-0.041	-0.012	-0.087	-0.130	-0.044	-0.101	-0.134	-0.033	-0.107	-0.126	-0.019	-0.100	-0.105	-0.005	0.0250
0.0500	-0.039	-0.046	-0.007	-0.102	-0.116	-0.014	-0.116	-0.114	0.003	-0.118	-0.111	0.007	-0.098	-0.093	0.004	0.0500
0.0750	-0.052	-0.064	-0.012	-0.121	-0.116	0.005	-0.124	-0.110	0.014	-0.121	-0.105	0.015	-0.094	-0.082	0.012	0.0750
0.1000	-0.061	-0.072	-0.011	-0.131	-0.119	0.012	-0.121	-0.107	0.014	-0.118	-0.109	0.009	-0.090	-0.083	0.007	0.1000
0.1500	-0.078	-0.081	-0.003	-0.125	-0.122	0.004	-0.112	-0.111	0.001	-0.104	-0.102	0.001	-0.086	-0.076	0.010	0.1500
0.2000	-0.087	-0.087		-0.116	-0.124	-0.008	-0.108	-0.111	-0.003	-0.095	-0.096		-0.092	-0.069	0.023	0.2000
0.3000	-0.102	-0.107	-0.005	-0.113	-0.118	-0.004	-0.110	-0.106	0.003	-0.086	-0.076	0.010	-0.095	-0.061	0.034	0.3000
0.4000	-0.105	-0.106	-0.001	-0.112	-0.108	0.003	-0.097	-0.091	0.006	-0.079	-0.059	0.020	-0.092	-0.054	0.038	0.4000
0.5000	-0.103	-0.094	0.009	-0.107	-0.097	0.010	-0.084	-0.072	0.012	-0.076	-0.047	0.030	-0.083	-0.050	0.033	0.5000
0.6000	-0.085	-0.083	0.002	-0.093	-0.089	0.004	-0.072			-0.085	-0.034	0.051	-0.067	-0.041	0.026	0.6000
0.6170								-0.047								0.6170
0.7000	-0.106	-0.073	0.033	-0.080	-0.065	0.014	-0.063	-0.031	0.032	-0.078	-0.024	0.054	-0.052			0.7000
0.7100														-0.030		0.7100
0.8000		-0.086		-0.069	-0.026	0.043	-0.060	0.019	0.079	-0.050	-0.010	0.040	-0.036			0.8000
0.8100														-0.025		0.8100
0.9000	-0.056	-0.032	0.023	-0.041			-0.049	0.032	0.081	-0.026	-0.020	0.006	-0.019			0.9000
1.0000	0.015	0.089	0.074	0.003	0.103	0.100	-0.029	0.009	0.038	-0.004	-0.053	-0.049	-0.002	-0.032	-0.013	1.0000
	M = 0.956						α = 03.83									
0.0000	-0.029	-0.065	-0.037	-0.045	-0.135	-0.090	-0.091	-0.190	-0.099	-0.060	-0.215	-0.154	-0.105	-0.110		0.0000
0.0125	-0.020	-0.039	-0.019	-0.063	-0.133	-0.070	-0.103	-0.171	-0.068	-0.099	-0.175	-0.076		-0.109		0.0125
0.0250	-0.016	-0.025	-0.009	-0.077	-0.128	-0.051	-0.113	-0.154	-0.041	-0.124	-0.148	-0.024	-0.089	-0.104	-0.015	0.0250
0.0500	-0.025	-0.037	-0.012	-0.094	-0.110	-0.016	-0.130	-0.132	-0.003	-0.133	-0.132	0.002	-0.079	-0.082	-0.003	0.0500
0.0750	-0.034	-0.050	-0.016	-0.135	-0.122	0.013	-0.139	-0.128	0.011	-0.135	-0.126	0.009	-0.075	-0.071	0.004	0.0750
0.1000	-0.045	-0.063	-0.018	-0.140	-0.126	0.014	-0.138	-0.124	0.014	-0.129	-0.126	0.003	-0.070	-0.071		0.1000
0.1500	-0.060	-0.073	-0.013	-0.130	-0.129	0.001	-0.129	-0.130	-0.001	-0.110	-0.119	-0.009	-0.067	-0.060	0.007	0.1500
0.2000	-0.079	-0.085	-0.007	-0.126	-0.133	-0.007	-0.124	-0.132	-0.007	-0.094	-0.104	-0.010	-0.074	-0.054	0.020	0.2000
0.3000	-0.101	-0.110	-0.008	-0.128	-0.136	-0.009	-0.123	-0.124	-0.001	-0.076	-0.077		-0.083	-0.043	0.040	0.3000
0.4000	-0.113	-0.116	-0.003	-0.129	-0.134	-0.005	-0.107	-0.106	0.001	-0.067	-0.052	0.015	-0.083	-0.036	0.046	0.4000
0.5000	-0.115	-0.114	0.002	-0.128	-0.118	0.011	-0.082	-0.076	0.006	-0.059	-0.035	0.024	-0.076	-0.035	0.041	0.5000
0.6000	-0.102	-0.104	-0.002	-0.117	-0.108	0.009	-0.061			-0.071	-0.018	0.053	-0.058	-0.028	0.030	0.6000
0.6170								-0.042								0.6170
0.7000	-0.126	-0.086	0.040	-0.091	-0.078	0.013	-0.050	-0.007	0.043	-0.070	-0.005	0.065	-0.037			0.7000
0.7100														-0.015		0.7100
0.8000		-0.095		-0.066	-0.031	0.035	-0.042	0.052	0.094	-0.041	0.006	0.047	-0.021			0.8000
0.8100														-0.009		0.8100
0.9000	-0.059	-0.049	0.010	-0.024			-0.028	0.052	0.080	-0.009	-0.013	-0.003				0.9000
1.0000	0.030	0.053	0.022	0.036	0.117	0.081	-0.007	-0.007	0.001	0.025	-0.061	-0.086	0.026	-0.008	-0.008	1.0000
	M = 0.999						α = 03.93									
0.0000	-0.026	-0.073	-0.047	-0.070	-0.108	-0.038	-0.090	-0.186	-0.096	-0.068	-0.232	-0.164	-0.144	-0.156		0.0000
0.0125	-0.026	-0.045	-0.020	-0.075	-0.121	-0.045	-0.103	-0.167	-0.064	-0.110	-0.194	-0.085		-0.168		0.0125
0.0250	-0.026	-0.030	-0.004	-0.080	-0.124	-0.044	-0.113	-0.151	-0.038	-0.137	-0.169	-0.032	-0.143	-0.173	-0.030	0.0250
0.0500	-0.027	-0.037	-0.010	-0.088	-0.106	-0.018	-0.128	-0.132	-0.004	-0.149	-0.152	-0.003	-0.141	-0.162	-0.022	0.0500
0.0750	-0.033	-0.055	-0.022	-0.117	-0.111	0.006	-0.137	-0.130	0.007	-0.153	-0.149	0.004	-0.136	-0.153	-0.017	0.0750
0.1000	-0.047	-0.058	-0.011	-0.131	-0.116	0.015	-0.137	-0.129	0.009	-0.156	-0.156		-0.130	-0.152	-0.022	0.1000
0.1500	-0.065	-0.075	-0.009	-0.126	-0.121	0.005	-0.134	-0.137	-0.003	-0.146	-0.165	-0.019	-0.119	-0.135	-0.017	0.1500
0.2000	-0.078	-0.081	-0.003	-0.119	-0.125	-0.006	-0.132	-0.142	-0.011	-0.142	-0.162	-0.020	-0.118	-0.119	-0.001	0.2000
0.3000	-0.094	-0.109	-0.015	-0.120	-0.136	-0.016	-0.134	-0.138	-0.004	-0.136	-0.155	-0.019	-0.117	-0.074	0.044	0.3000
0.4000	-0.105	-0.109	-0.003	-0.127	-0.129	-0.002	-0.141	-0.138	0.004	-0.132	-0.138	-0.006	-0.095	-0.030	0.065	0.4000
0.5000	-0.111	-0.105	0.005	-0.130	-0.124	0.006	-0.137	-0.141	-0.004	-0.115	-0.103	0.012	-0.067	0.005	0.072	0.5000
0.6000	-0.105	-0.103	0.002	-0.135	-0.129	0.006	-0.125			-0.101	-0.058	0.043	-0.043	0.022	0.065	0.6000
0.6170								-0.117								0.6170
0.7000	-0.139	-0.096	0.043	-0.134	-0.135	-0.001	-0.107	-0.078	0.030	-0.079	-0.011	0.069	-0.007			0.7000
0.7100														0.032		0.7100
0.8000		-0.144		-0.122	-0.096	0.026	-0.074	-0.007	0.066	-0.042	0.063	0.105	0.045			0.8000
0.8100														0.043		0.8100
0.9000	-0.107	-0.085	0.023	-0.065			-0.038	0.099	0.137	0.038	0.034	-0.003	0.056			0.9000
1.0000	-0.041	0.082	0.123	0.036	0.116	0.080	0.001	0.242	0.242	0.158	-0.097	-0.255	0.025	0.072	0.016	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(g) BVC $\delta = -0.1°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.049 α = 03.93															
0.0000	-0.032	-0.208	-0.176	-0.096	-0.155	-0.058	-0.106	-0.205	-0.099	-0.095	-0.228	-0.133	-0.153	-0.204		0.0000
0.0125	-0.029	-0.096	-0.067	-0.094	-0.147	-0.054	-0.119	-0.182	-0.062	-0.132	-0.203	-0.071		-0.188		0.0125
0.0250	-0.029	-0.031	-0.002	-0.095	-0.141	-0.046	-0.131	-0.164	-0.033	-0.157	-0.184	-0.028	-0.166	-0.179	-0.013	0.0250
0.0500	-0.034	-0.038	-0.003	-0.107	-0.129	-0.022	-0.150	-0.143	0.006	-0.168	-0.168		-0.172	-0.177	-0.005	0.0500
0.0750	-0.051	-0.054	-0.003	-0.134	-0.128	0.006	-0.158	-0.140	0.018	-0.172	-0.167	0.006	-0.171	-0.173	-0.002	0.0750
0.1000	-0.057	-0.065	-0.008	-0.143	-0.133	0.010	-0.155	-0.140	0.016	-0.172	-0.171	0.000	-0.167	-0.179	-0.012	0.1000
0.1500	-0.074	-0.082	-0.008	-0.148	-0.147	0.001	-0.147	-0.153	-0.006	-0.162	-0.160	0.002	-0.162	-0.179	-0.018	0.1500
0.2000	-0.091	-0.090	0.001	-0.140	-0.145	-0.005	-0.148	-0.160	-0.012	-0.157	-0.155	0.002	-0.164	-0.178	-0.015	0.2000
0.3000	-0.112	-0.128	-0.016	-0.140	-0.153	-0.013	-0.150	-0.158	-0.008	-0.156	-0.150	0.006	-0.175	-0.176	-0.002	0.3000
0.4000	-0.127	-0.127	0.000	-0.145	-0.148	-0.003	-0.154	-0.150	0.004	-0.166	-0.151	0.015	-0.190	-0.171	0.019	0.4000
0.5000	-0.132	-0.124	0.007	-0.144	-0.139	0.005	-0.156	-0.151	0.005	-0.166	-0.158	0.008	-0.197	-0.158	0.039	0.5000
0.6000	-0.118	-0.122	-0.003	-0.149	-0.140	0.009	-0.161			-0.179	-0.151	0.029	-0.189	-0.143	0.046	0.6000
0.6170								-0.158								0.6170
0.7000	-0.161	-0.114	0.048	-0.157	-0.157	0.000	-0.168	-0.152	0.016	-0.189	-0.133	0.056	-0.164			0.7000
0.7100														-0.132		0.7100
0.8000		-0.174		-0.165	-0.148	0.017	-0.171	-0.120	0.051	-0.147	-0.112	0.035	-0.142			0.8000
0.8100														-0.121		0.8100
0.9000	-0.141	-0.142	-0.001	-0.171			-0.135	-0.100	0.034	-0.141	-0.106	0.035	-0.134			0.9000
1.0000	-0.078	-0.018	0.060	-0.173	-0.048	0.125	-0.060	-0.092	-0.033	-0.173	-0.117	0.056	-0.140	-0.099	0.034	1.0000
	M = 1.101 α = 03.93															
0.0000	0.004	-0.076	-0.080	-0.039	-0.106	-0.067	-0.046	-0.129	-0.083	-0.039	-0.169	-0.130	-0.131	-0.073		0.0000
0.0125	0.007	-0.023	-0.029	-0.043	-0.097	-0.054	-0.048	-0.109	-0.061	-0.078	-0.145	-0.068		-0.127		0.0125
0.0250	0.009	0.008		-0.048	-0.089	-0.041	-0.054	-0.092	-0.038	-0.103	-0.129	-0.026	-0.128	-0.157	-0.028	0.0250
0.0500	0.012	0.004	-0.008	-0.059	-0.071	-0.012	-0.076	-0.069	0.007	-0.117	-0.119	-0.002	-0.126	-0.142	-0.016	0.0500
0.0750	0.002	-0.016	-0.018	-0.078	-0.078		-0.088	-0.065	0.023	-0.124	-0.119	0.005	-0.124	-0.138	-0.014	0.0750
0.1000	-0.010	-0.024	-0.014	-0.083	-0.083		-0.088	-0.066	0.021	-0.125	-0.126	-0.001	-0.120	-0.139	-0.020	0.1000
0.1500	-0.030	-0.031	-0.001	-0.089	-0.088	0.001	-0.081	-0.081	0.000	-0.118	-0.126	-0.008	-0.112	-0.134	-0.022	0.1500
0.2000	-0.044	-0.041	0.003	-0.081	-0.085	-0.004	-0.082	-0.094	-0.012	-0.115	-0.124	-0.010	-0.111	-0.129	-0.018	0.2000
0.3000	-0.064	-0.076	-0.011	-0.075	-0.079	-0.004	-0.093	-0.106	-0.012	-0.110	-0.119	-0.008	-0.120	-0.123	-0.003	0.3000
0.4000	-0.073	-0.076	-0.002	-0.081	-0.082	-0.001	-0.102	-0.106	-0.004	-0.113	-0.114	-0.001	-0.134	-0.112	0.022	0.4000
0.5000	-0.077	-0.067	0.010	-0.086	-0.083	0.002	-0.102	-0.110	-0.008	-0.110	-0.110	0.001	-0.145	-0.103	0.042	0.5000
0.6000	-0.069	-0.068	0.001	-0.085	-0.093	-0.007	-0.104			-0.123	-0.099	0.024	-0.145	-0.093	0.051	0.6000
0.6170								-0.108								0.6170
0.7000	-0.081	-0.073	0.008	-0.091	-0.100	-0.009	-0.111	-0.097	0.014	-0.140	-0.084	0.056	-0.125			0.7000
0.7100														-0.089		0.7100
0.8000		-0.089		-0.108	-0.089	0.019	-0.126	-0.097	0.029	-0.106	-0.071	0.035	-0.103			0.8000
0.8100														-0.100		0.8100
0.9000	-0.114	-0.076	0.038	-0.133			-0.092	-0.055	0.037	-0.094	-0.076	0.018	-0.110			0.9000
1.0000	-0.134	-0.031	0.103	-0.167	-0.012	0.155	-0.008	0.031	0.039	-0.105	-0.100	0.004	-0.145	-0.157	-0.047	1.0000
	M = 1.303 α = -04.18															
0.0000	-0.041	0.026	0.067	0.013	-0.130	-0.143	0.001	-0.164	-0.165	0.047	-0.150	-0.197	-0.093	-0.185		0.0000
0.0125	-0.022	0.004	0.026	0.004	-0.100	-0.104	-0.027	-0.136	-0.109	-0.023	-0.130	-0.107		-0.142		0.0125
0.0250	-0.008	-0.008	-0.001	-0.008	-0.080	-0.072	-0.051	-0.114	-0.063	-0.070	-0.114	-0.044	-0.110	-0.116	-0.006	0.0250
0.0500	0.007	-0.005	-0.012	-0.042	-0.071	-0.029	-0.088	-0.089	-0.001	-0.093	-0.092	0.002	-0.121	-0.115	0.006	0.0500
0.0750	0.006	-0.029	-0.035	-0.073	-0.062	0.012	-0.104	-0.086	0.018	-0.105	-0.091	0.014	-0.126	-0.122	0.004	0.0750
0.1000	-0.009	-0.048	-0.039	-0.084	-0.062	0.022	-0.103	-0.084	0.020	-0.116	-0.103	0.014	-0.129	-0.134	-0.005	0.1000
0.1500	-0.020	-0.034	-0.015	-0.080	-0.078	0.002	-0.089	-0.090	-0.002	-0.118	-0.105	0.013	-0.126	-0.143	-0.017	0.1500
0.2000	-0.055	-0.050	0.005	-0.070	-0.088	-0.018	-0.099	-0.100	-0.001	-0.116	-0.113	0.003	-0.118	-0.142	-0.024	0.2000
0.3000	-0.118	-0.077	0.040	-0.088	-0.094	-0.006	-0.100	-0.108	-0.009	-0.107	-0.108	-0.001	-0.117	-0.130	-0.013	0.3000
0.4000	-0.106	-0.028	0.077	-0.103	-0.094	0.009	-0.107	-0.103	0.005	-0.119	-0.099	0.021	-0.134	-0.123	0.011	0.4000
0.5000	-0.083	-0.069	0.013	-0.104	-0.098	0.006	-0.107	-0.109	-0.002	-0.120	-0.108	0.013	-0.144	-0.125	0.019	0.5000
0.6000	-0.083	-0.080	0.002	-0.101	-0.100	0.000	-0.110			-0.127	-0.105	0.022	-0.148	-0.119	0.029	0.6000
0.6170								-0.106								0.6170
0.7000	-0.097	-0.096	0.001	-0.101	-0.103	-0.001	-0.112	-0.105	0.007	-0.137	-0.101	0.037	-0.155			0.7000
0.7100														-0.109		0.7100
0.8000		-0.080		-0.111	-0.096	0.015	-0.127	-0.091	0.036	-0.153	-0.089	0.064	-0.155			0.8000
0.8100														-0.114		0.8100
0.9000	-0.128	-0.076	0.052	-0.138			-0.165	-0.079	0.086	-0.160	-0.098	0.062	-0.155			0.9000
1.0000	-0.144	-0.084	0.060	-0.181	-0.056	0.125	-0.227	-0.069	0.158	-0.157	-0.126	0.032	-0.154	-0.157	-0.002	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued
(g) BVC $\delta = -0.1°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.303 α = -00.15															
0.0000	-0.005	0.014	0.019	0.033	-0.110	-0.143	-0.007	-0.145	-0.138	0.031	-0.145	-0.176	-0.111	-0.162		0.0000
0.0125	0.004	0.002	-0.002	0.006	-0.087	-0.093	-0.029	-0.120	-0.091	-0.029	-0.125	-0.096		-0.142		0.0125
0.0250	0.010	-0.004	-0.014	-0.013	-0.071	-0.058	-0.047	-0.100	-0.053	-0.070	-0.110	-0.040	-0.105	-0.126	-0.021	0.0250
0.0500	0.013	0.003	-0.009	-0.026	-0.058	-0.033	-0.071	-0.077	-0.006	-0.093	-0.092	0.001	-0.103	-0.111	-0.008	0.0500
0.0750	0.015	-0.012	-0.026	-0.055	-0.050	0.005	-0.081	-0.073	0.008	-0.107	-0.092	0.016	-0.104	-0.112	-0.008	0.0750
0.1000	-0.001	-0.028	-0.027	-0.065	-0.053	0.012	-0.079	-0.074	0.005	-0.109	-0.101	0.008	-0.104	-0.117	-0.013	0.1000
0.1500	-0.012	-0.022	-0.010	-0.060	-0.061	-0.001	-0.086	-0.084	0.002	-0.096	-0.100	-0.004	-0.103	-0.116	-0.013	0.1500
0.2000	-0.033	-0.034	-0.001	-0.059	-0.073	-0.014	-0.087	-0.091	-0.005	-0.092	-0.097	-0.005	-0.101	-0.115	-0.014	0.2000
0.3000	-0.059	-0.071	-0.012	-0.072	-0.075	-0.004	-0.086	-0.088	-0.002	-0.094	-0.096	-0.002	-0.100	-0.113	-0.013	0.3000
0.4000	-0.079	-0.028	0.051	-0.079	-0.081	-0.002	-0.089	-0.094	-0.005	-0.096	-0.094	0.002	-0.106	-0.106	0.000	0.4000
0.5000	-0.073	-0.055	0.018	-0.083	-0.080	0.003	-0.088	-0.092	-0.004	-0.096	-0.094	0.002	-0.115	-0.103	0.013	0.5000
0.6000	-0.070	-0.072	-0.002	-0.082	-0.082	0.000	-0.094			-0.105	-0.094	0.011	-0.125	-0.102	0.023	0.6000
0.6170								-0.093								0.6170
0.7000	-0.077	-0.082	-0.005	-0.086	-0.090	-0.004	-0.099	-0.091	0.009	-0.119	-0.090	0.028	-0.141			0.7000
0.7100														-0.097		0.7100
0.8000		-0.062		-0.096	-0.078	0.018	-0.113	-0.075	0.038	-0.138	-0.078	0.060	-0.145			0.8000
0.8100														-0.104		0.8100
0.9000	-0.101	-0.061	0.040	-0.110			-0.148	-0.064	0.084	-0.144	-0.087	0.057	-0.150			0.9000
1.0000	-0.118	-0.079	0.039	-0.128	0.008	0.136	-0.203	-0.057	0.146	-0.137	-0.116	0.021	-0.156	-0.145	0.004	1.0000
	M = 1.304 α = 03.73															
0.0000	0.008	-0.032	-0.040	0.008	-0.074	-0.082	-0.011	-0.130	-0.119	0.018	-0.142	-0.160	-0.111	-0.103		0.0000
0.0125	0.007	-0.012	-0.019	-0.007	-0.072	-0.065	-0.030	-0.110	-0.080	-0.030	-0.121	-0.090		-0.107		0.0125
0.0250	0.007		-0.007	-0.017	-0.067	-0.049	-0.045	-0.094	-0.049	-0.063	-0.104	-0.042	-0.099	-0.109	-0.010	0.0250
0.0500	0.010	-0.004	-0.015	-0.024	-0.049	-0.025	-0.063	-0.075	-0.013	-0.079	-0.086	-0.007	-0.093	-0.107	-0.013	0.0500
0.0750	0.003	-0.016	-0.019	-0.051	-0.049	0.001	-0.075	-0.072	0.002	-0.089	-0.080	0.009	-0.094	-0.107	-0.013	0.0750
0.1000	-0.004	-0.027	-0.023	-0.061	-0.055	0.006	-0.079	-0.072	0.008	-0.092	-0.086	0.006	-0.092	-0.114	-0.022	0.1000
0.1500	-0.016	-0.027	-0.010	-0.059	-0.064	-0.004	-0.075	-0.077	-0.002	-0.090	-0.090	0.000	-0.086	-0.113	-0.026	0.1500
0.2000	-0.028	-0.031	-0.003	-0.068	-0.078	-0.010	-0.069	-0.076	-0.006	-0.088	-0.094	-0.006	-0.084	-0.107	-0.023	0.2000
0.3000	-0.045	-0.065	-0.020	-0.071	-0.074	-0.003	-0.076	-0.083	-0.007	-0.084	-0.100	-0.016	-0.086	-0.096	-0.010	0.3000
0.4000	-0.070	-0.052	0.019	-0.073	-0.080	-0.007	-0.083	-0.087	-0.004	-0.090	-0.094	-0.004	-0.093	-0.090	0.003	0.4000
0.5000	-0.068	-0.057	0.010	-0.075	-0.078	-0.003	-0.085	-0.088	-0.003	-0.088	-0.091	-0.003	-0.103	-0.087	0.016	0.5000
0.6000	-0.065	-0.070	-0.005	-0.082	-0.083	-0.001	-0.088			-0.094	-0.088	0.006	-0.116	-0.091	0.025	0.6000
0.6170								-0.085								0.6170
0.7000	-0.073	-0.084	-0.011	-0.086	-0.089	-0.004	-0.091	-0.083	0.008	-0.108	-0.086	0.023	-0.135			0.7000
0.7100														-0.093		0.7100
0.8000		-0.061		-0.094	-0.078	0.016	-0.107	-0.069	0.038	-0.126	-0.076	0.050	-0.140			0.8000
0.8100														-0.104		0.8100
0.9000	-0.099	-0.061	0.038	-0.117			-0.134	-0.058	0.076	-0.131	-0.086	0.044	-0.148			0.9000
1.0000	-0.117	-0.083	0.034	-0.153	-0.004	0.149	-0.173	-0.050	0.122	-0.122	-0.117	0.005	-0.160	-0.150	-0.002	1.0000
	M = 1.304 α = 07.86															
0.0000	-0.008	-0.029	-0.022	-0.005	-0.100	-0.095	-0.013	-0.137	-0.125	0.003	-0.137	-0.140	-0.096	-0.128		0.0000
0.0125	-0.007	-0.023	-0.016	-0.010	-0.084	-0.073	-0.028	-0.112	-0.085	-0.042	-0.119	-0.076		-0.110		0.0125
0.0250	-0.006	-0.018	-0.013	-0.017	-0.071	-0.053	-0.041	-0.094	-0.053	-0.073	-0.105	-0.032	-0.084	-0.099	-0.015	0.0250
0.0500	-0.004	-0.016	-0.012	-0.036	-0.054	-0.018	-0.062	-0.076	-0.013	-0.086	-0.091	-0.004	-0.077	-0.095	-0.018	0.0500
0.0750	-0.007	-0.032	-0.025	-0.061	-0.060	0.000	-0.081	-0.072	0.010	-0.094	-0.087	0.008	-0.076	-0.094	-0.018	0.0750
0.1000	-0.013	-0.036	-0.024	-0.070	-0.063	0.006	-0.083	-0.072	0.012	-0.096	-0.093	0.003	-0.074	-0.098	-0.025	0.1000
0.1500	-0.023	-0.031	-0.007	-0.072	-0.076	-0.004	-0.069	-0.076	-0.007	-0.092	-0.097	-0.005	-0.071	-0.095	-0.024	0.1500
0.2000	-0.035	-0.036	-0.001	-0.079	-0.090	-0.011	-0.073	-0.076	-0.003	-0.086	-0.097	-0.010	-0.072	-0.091	-0.019	0.2000
0.3000	-0.050	-0.072	-0.022	-0.077	-0.078	-0.002	-0.083	-0.091	-0.008	-0.078	-0.091	-0.014	-0.082	-0.091	-0.009	0.3000
0.4000	-0.070	-0.044	0.025	-0.070	-0.082	-0.012	-0.087	-0.091	-0.004	-0.085	-0.086	-0.002	-0.097	-0.094	0.003	0.4000
0.5000	-0.071	-0.054	0.017	-0.084	-0.083	0.002	-0.088	-0.086	0.002	-0.085	-0.090	-0.004	-0.105	-0.096	0.008	0.5000
0.6000	-0.066	-0.074	-0.009	-0.090	-0.085	0.005	-0.090			-0.089	-0.090	-0.001	-0.106	-0.091	0.015	0.6000
0.6170								-0.091								0.6170
0.7000	-0.074	-0.083	-0.009	-0.085	-0.092	-0.006	-0.087	-0.088	-0.001	-0.095	-0.083	0.012	-0.118			0.7000
0.7100														-0.085		0.7100
0.8000		-0.068		-0.090	-0.079	0.011	-0.094	-0.069	0.024	-0.111	-0.066	0.045	-0.121			0.8000
0.8100														-0.091		0.8100
0.9000	-0.106	-0.058	0.048	-0.109			-0.122	-0.053	0.069	-0.120	-0.074	0.046	-0.131			0.9000
1.0000	-0.129	-0.053	0.076	-0.143	0.006	0.149	-0.171	-0.038	0.133	-0.122	-0.108	0.014	-0.149	-0.136	-0.005	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(g) BVC $\delta = -0.1°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.305 α = 11.94															
0.0000	-0.006	-0.059	-0.054	-0.004	-0.089	-0.085	-0.016	-0.159	-0.143	-0.006	-0.170	-0.164	-0.080	-0.122		0.0000
0.0125	-0.008	-0.042	-0.034	-0.019	-0.092	-0.073	-0.034	-0.132	-0.098	-0.055	-0.148	-0.092		-0.115		0.0125
0.0250	-0.009	-0.030	-0.021	-0.031	-0.090	-0.059	-0.049	-0.112	-0.063	-0.088	-0.130	-0.042	-0.092	-0.111	-0.019	0.0250
0.0500	-0.007	-0.021	-0.014	-0.048	-0.068	-0.021	-0.069	-0.092	-0.023	-0.105	-0.111	-0.006	-0.097	-0.113	-0.016	0.0500
0.0750	-0.015	-0.045	-0.030	-0.074	-0.074	0.000	-0.090	-0.090	0.000	-0.117	-0.105	0.011	-0.096	-0.114	-0.019	0.0750
0.1000	-0.021	-0.052	-0.032	-0.080	-0.077	0.003	-0.099	-0.087	0.012	-0.121	-0.111	0.011	-0.091	-0.121	-0.030	0.1000
0.1500	-0.025	-0.033	-0.008	-0.064	-0.082	-0.018	-0.092	-0.092	0.000	-0.118	-0.109	0.009	-0.084	-0.122	-0.038	0.1500
0.2000	-0.038	-0.040	-0.002	-0.076	-0.091	-0.015	-0.088	-0.086	0.002	-0.111	-0.114	-0.003	-0.081	-0.119	-0.038	0.2000
0.3000	-0.074	-0.085	-0.011	-0.066	-0.070	-0.003	-0.091	-0.097	-0.006	-0.099	-0.118	-0.019	-0.086	-0.106	-0.021	0.3000
0.4000	-0.077	-0.040	0.037	-0.074	-0.079	-0.005	-0.103	-0.105	-0.002	-0.095	-0.105	-0.010	-0.096	-0.099	-0.003	0.4000
0.5000	-0.071	-0.043	0.028	-0.082	-0.078	0.004	-0.093	-0.102	-0.009	-0.088	-0.091	-0.003	-0.108	-0.094	0.014	0.5000
0.6000	-0.064	-0.055	0.009	-0.077	-0.076	0.000	-0.084			-0.089	-0.083	0.006	-0.115	-0.096	0.019	0.6000
0.6170								-0.096								0.6170
0.7000	-0.072	-0.076	-0.004	-0.076	-0.086	-0.010	-0.082	-0.087	-0.005	-0.106	-0.082	0.024	-0.134			0.7000
0.7100														-0.093		0.7100
0.8000		-0.060		-0.082	-0.068	0.014	-0.092	-0.064	0.027	-0.131	-0.076	0.055	-0.142			0.8000
0.8100														-0.100		0.8100
0.9000	-0.089	-0.065	0.024	-0.103			-0.128	-0.054	0.073	-0.142	-0.091	0.052	-0.145			0.9000
1.0000	-0.097	-0.093	0.004	-0.139	0.049	0.188	-0.190	-0.056	0.134	-0.142	-0.126	0.016	-0.143	-0.140	0.005	1.0000
	M = 1.302 α = 15.87															
0.0000	-0.034	-0.069	-0.035	-0.120	-0.125	-0.005	-0.020	-0.141	-0.121	0.024	-0.171	-0.195	-0.118	-0.232		0.0000
0.0125	-0.026	-0.039	-0.012	-0.047	-0.094	-0.047	-0.038	-0.119	-0.081	-0.036	-0.146	-0.110		-0.180		0.0125
0.0250	-0.019	-0.020		-0.007	-0.073	-0.066	-0.052	-0.101	-0.049	-0.076	-0.127	-0.051	-0.128	-0.148	-0.020	0.0250
0.0500	-0.006	-0.015	-0.008	-0.022	-0.060	-0.038	-0.064	-0.078	-0.014	-0.095	-0.109	-0.015	-0.134	-0.141	-0.007	0.0500
0.0750	-0.014	-0.041	-0.027	-0.054	-0.047	0.007	-0.062	-0.074	-0.012	-0.106	-0.107	-0.001	-0.138	-0.142	-0.004	0.0750
0.1000	-0.033	-0.054	-0.021	-0.072	-0.050	0.022	-0.066	-0.071	-0.005	-0.111	-0.114	-0.003	-0.140	-0.148	-0.009	0.1000
0.1500	-0.035	-0.052	-0.017	-0.065	-0.059	0.005	-0.071	-0.076	-0.005	-0.101	-0.112	-0.011	-0.136	-0.156	-0.020	0.1500
0.2000	-0.059	-0.057	0.002	-0.055	-0.066	-0.011	-0.072	-0.078	-0.006	-0.105	-0.110	-0.006	-0.131	-0.157	-0.026	0.2000
0.3000	-0.118	-0.098	0.020	-0.058	-0.068	-0.010	-0.069	-0.069	-0.001	-0.095	-0.110	-0.015	-0.125	-0.144	-0.019	0.3000
0.4000	-0.113	-0.048	0.064	-0.067	-0.065	0.002	-0.062	-0.077	-0.015	-0.092	-0.098	-0.006	-0.129	-0.129	0.000	0.4000
0.5000	-0.104	-0.071	0.033	-0.074	-0.069	0.005	-0.067	-0.080	-0.013	-0.091	-0.097	-0.006	-0.129	-0.125	0.004	0.5000
0.6000	-0.101	-0.098	0.003	-0.077	-0.077	0.000	-0.074			-0.091	-0.091	-0.001	-0.130	-0.122	0.009	0.6000
0.6170								-0.084								0.6170
0.7000	-0.125	-0.126		-0.076	-0.085	-0.009	-0.066	-0.072	-0.006	-0.099	-0.083	0.016	-0.144			0.7000
0.7100														-0.118		0.7100
0.8000		-0.106		-0.076	-0.078	-0.002	-0.068	-0.055	0.013	-0.115	-0.065	0.050	-0.144			0.8000
0.8100														-0.117		0.8100
0.9000	-0.131	-0.105	0.026	-0.096			-0.108	-0.031	0.077	-0.126	-0.058	0.068	-0.149			0.9000
1.0000	-0.112	-0.123	-0.011	-0.136	-0.018	0.118	-0.186	-0.001	0.185	-0.131	-0.062	0.069	-0.157	-0.126	0.023	1.0000
	M = 1.498 α = 03.78															
0.0000		-0.041	-0.041	-0.047	-0.079	-0.032	0.016	-0.109	-0.124	0.030	-0.101	-0.130	-0.060	-0.093		0.0000
0.0125	0.007	-0.015	-0.022	-0.013	-0.068	-0.055	-0.006	-0.090	-0.084	-0.020	-0.087	-0.068		-0.082		0.0125
0.0250	0.011	0.001	-0.010	0.004	-0.058	-0.062	-0.024	-0.074	-0.050	-0.053	-0.076	-0.023	-0.069	-0.075	-0.006	0.0250
0.0500	0.011	-0.001	-0.012	-0.012	-0.042	-0.029	-0.052	-0.054	-0.002	-0.072	-0.063	0.009	-0.075	-0.071	0.004	0.0500
0.0750	0.011	-0.018	-0.029	-0.048	-0.040	0.007	-0.064	-0.049	0.015	-0.081	-0.062	0.019	-0.077	-0.077	0.000	0.0750
0.1000	0.003	-0.023	-0.026	-0.052	-0.042	0.010	-0.064	-0.046	0.018	-0.083	-0.069	0.013	-0.078	-0.084	-0.006	0.1000
0.1500	-0.007	-0.021	-0.015	-0.053	-0.048	0.004	-0.057	-0.050	0.007	-0.078	-0.086	-0.008	-0.075	-0.089	-0.014	0.1500
0.2000	-0.026	-0.028	-0.003	-0.047	-0.052	-0.005	-0.058	-0.056	0.002	-0.079	-0.091	-0.012	-0.070	-0.087	-0.017	0.2000
0.3000	-0.043	-0.047	-0.003	-0.055	-0.057	-0.002	-0.063	-0.068	-0.005	-0.075	-0.086	-0.012	-0.069	-0.080	-0.011	0.3000
0.4000	-0.059	-0.027	0.032	-0.070	-0.060	0.010	-0.073	-0.069	0.004	-0.080	-0.081	-0.001	-0.080	-0.075	0.005	0.4000
0.5000	-0.064	-0.041	0.024	-0.073	-0.063	0.010	-0.074	-0.074		-0.076	-0.084	-0.008	-0.087	-0.076	0.010	0.5000
0.6000	-0.054	-0.048	0.006	-0.074	-0.067	0.007	-0.075			-0.078	-0.083	-0.005	-0.091	-0.077	0.015	0.6000
0.6170								-0.076								0.6170
0.7000	-0.066	-0.066	0.001	-0.073	-0.067	0.006	-0.074	-0.077	-0.003	-0.083	-0.079	0.004	-0.099			0.7000
0.7100														-0.075		0.7100
0.8000		-0.065		-0.072	-0.072	0.000	-0.084	-0.067	0.017	-0.097	-0.071	0.026	-0.100			0.8000
0.8100														-0.081		0.8100
0.9000	-0.079	-0.053	0.026	-0.091			-0.110	-0.053	0.057	-0.100	-0.078	0.023	-0.106			0.9000
1.0000	-0.079	-0.031	0.049	-0.129	-0.094	0.036	-0.152	-0.034	0.119	-0.093	-0.099	-0.006	-0.116	-0.114	-0.008	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(g) BVC $\delta = -0.1°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.702					α = 03.73										
0.0000	-0.007	-0.009	-0.002	0.002	-0.034	-0.036	0.029	-0.068	-0.097	0.060	-0.062	-0.121	-0.022	-0.061		0.0000
0.0125	-0.010	-0.005	0.005	0.009	-0.034	-0.043	0.011	-0.058	-0.069	0.009	-0.058	-0.066		-0.046		0.0125
0.0250	-0.010	-0.002	0.008	0.009	-0.033	-0.042	-0.006	-0.050	-0.043	-0.026	-0.053	-0.027	-0.042	-0.038	0.005	0.0250
0.0500	-0.003	-0.001	0.002	-0.007	-0.028	-0.021	-0.036	-0.036	0.000	-0.048	-0.041	0.006	-0.055	-0.039	0.016	0.0500
0.0750	-0.001	-0.008	-0.008	-0.047	-0.028	0.019	-0.056	-0.033	0.023	-0.064	-0.040	0.024	-0.058	-0.042	0.017	0.0750
0.1000	-0.008	-0.020	-0.012	-0.057	-0.031	0.026	-0.061	-0.031	0.030	-0.072	-0.047	0.025	-0.061	-0.050	0.011	0.1000
0.1500	-0.015	-0.018	-0.003	-0.055	-0.039	0.016	-0.058	-0.039	0.019	-0.068	-0.063	0.006	-0.060	-0.059	0.002	0.1500
0.2000	-0.028	-0.022	0.006	-0.053	-0.047	0.006	-0.058	-0.048	0.010	-0.063	-0.069	-0.005	-0.059	-0.062	-0.003	0.2000
0.3000	-0.060	-0.044	0.016	-0.054	-0.059	-0.005	-0.056	-0.060	-0.005	-0.056	-0.072	-0.016	-0.061	-0.066	-0.005	0.3000
0.4000	-0.065	-0.021	0.044	-0.060	-0.059	0.001	-0.063	-0.062	0.001	-0.063	-0.069	-0.006	-0.068	-0.068		0.4000
0.5000	-0.053	-0.036	0.017	-0.065	-0.061	0.004	-0.065	-0.061	0.003	-0.066	-0.071	-0.005	-0.079	-0.068	0.011	0.5000
0.6000	-0.054	-0.051	0.003	-0.065	-0.060	0.005	-0.064			-0.070	-0.068	0.002	-0.086	-0.067	0.019	0.6000
0.6170								-0.064								0.6170
0.7000	-0.060	-0.062	-0.002	-0.063	-0.061	0.002	-0.063	-0.062	0.002	-0.076	-0.066	0.010	-0.092			0.7000
0.7100														-0.063		0.7100
0.8000		-0.055		-0.064	-0.063	0.001	-0.069	-0.056	0.013	-0.084	-0.063	0.021	-0.094			0.8000
0.8100														-0.066		0.8100
0.9000	-0.069	-0.054	0.014	-0.079			-0.092	-0.047	0.045	-0.086	-0.069	0.017	-0.091			0.9000
1.0000	-0.071	-0.061	0.010	-0.108	-0.069	0.039	-0.133	-0.036	0.098	-0.084	-0.085		-0.084	-0.091	0.000	1.0000
	M = 1.912					α = 04.03										
0.0000	-0.011	0.017	0.027	0.055	-0.027	-0.082	0.063	-0.021	-0.084	0.093	0.002	-0.091	0.022	-0.022		0.0000
0.0125	-0.006	0.011	0.017	0.042	-0.019	-0.062	0.044	-0.021	-0.065	0.047	-0.013	-0.060		-0.014		0.0125
0.0250	-0.003	0.008	0.010	0.034	-0.013	-0.047	0.026	-0.020	-0.046	0.015	-0.021	-0.036	-0.003	-0.010	-0.007	0.0250
0.0500	0.003	0.008	0.005	0.028	-0.001	-0.030	-0.005	-0.014	-0.009	-0.007	-0.016	-0.009	-0.019	-0.012	0.007	0.0500
0.0750	0.006	0.002	-0.005	-0.022	-0.015	0.007	-0.027	-0.016	0.011	-0.025	-0.015	0.010	-0.025	-0.017	0.009	0.0750
0.1000	0.003	-0.008	-0.011	-0.035	-0.019	0.016	-0.036	-0.015	0.021	-0.039	-0.024	0.015	-0.031	-0.027	0.004	0.1000
0.1500	-0.009	-0.008	0.001	-0.042	-0.026	0.016	-0.041	-0.024	0.017	-0.046	-0.045	0.000	-0.038	-0.037	0.002	0.1500
0.2000	-0.020	-0.017	0.003	-0.043	-0.035	0.008	-0.043	-0.031	0.012	-0.046	-0.053	-0.006	-0.043	-0.041	0.002	0.2000
0.3000	-0.047	-0.028	0.018	-0.044	-0.042	0.002	-0.044	-0.045	-0.001	-0.048	-0.063	-0.015	-0.049	-0.048	0.001	0.3000
0.4000	-0.048	-0.021	0.028	-0.049	-0.047	0.002	-0.046	-0.053	-0.007	-0.052	-0.064	-0.012	-0.055	-0.052	0.003	0.4000
0.5000	-0.040	-0.034	0.006	-0.055	-0.051	0.004	-0.049	-0.057	-0.008	-0.052	-0.073	-0.020	-0.060	-0.052	0.008	0.5000
0.6000	-0.043	-0.044	-0.001	-0.052	-0.054	-0.003	-0.050			-0.058	-0.073	-0.016	-0.064	-0.055	0.009	0.6000
0.6170								-0.056								0.6170
0.7000	-0.050	-0.050	-0.001	-0.052	-0.054	-0.002	-0.052	-0.052	0.000	-0.066	-0.070	-0.005	-0.071			0.7000
0.7100														-0.053		0.7100
0.8000		-0.046		-0.056	-0.051	0.005	-0.057	-0.042	0.016	-0.076	-0.059	0.017	-0.077			0.8000
0.8100														-0.057		0.8100
0.9000	-0.057	-0.043	0.014	-0.068			-0.080	-0.033	0.047	-0.078	-0.062	0.016	-0.075			0.9000
1.0000	-0.058	-0.044	0.015	-0.089	-0.034	0.054	-0.120	-0.025	0.095	-0.070	-0.078	-0.008	-0.065	-0.078	-0.003	1.0000
	M = 2.229					α =-03.68										
0.0000	0.015	0.023	0.007	0.123	0.134	0.011	0.136	0.081	-0.055	0.194	0.136	-0.058	0.125	0.089		0.0000
0.0125	0.004	0.019	0.016	0.099	0.074	-0.025	0.114	0.058	-0.056	0.133	0.085	-0.048		0.084		0.0125
0.0250	-0.004	0.015	0.019	0.082	0.041	-0.042	0.093	0.043	-0.050	0.091	0.053	-0.039	0.087	0.079	-0.009	0.0250
0.0500	-0.007	0.004	0.011	0.074	0.054	-0.020	0.054	0.034	-0.020	0.065	0.045	-0.020	0.064	0.065	0.001	0.0500
0.0750	0.001	0.006	0.005	0.013	0.009	-0.005	0.027	0.027	0.000	0.041	0.038	-0.003	0.054	0.056	0.001	0.0750
0.1000	0.010		-0.010	-0.006		0.006	0.013	0.019	0.006	0.024	0.025	0.001	0.045	0.042	-0.003	0.1000
0.1500	-0.010	-0.016	-0.006	-0.027	-0.012	0.015	-0.004	0.004	0.007	0.006	0.078	0.072	0.027	0.022	-0.006	0.1500
0.2000	-0.014	-0.013	0.001	-0.029	-0.028	0.001	-0.015	-0.008	0.007	-0.003	0.067	0.069	0.017	0.014	-0.003	0.2000
0.3000	-0.031	-0.019	0.012	-0.034	-0.040	-0.006	-0.031	-0.030	0.002	-0.014	0.051	0.065	0.000	-0.002	-0.002	0.3000
0.4000	-0.028	-0.014	0.014	-0.039	-0.045	-0.006	-0.044	-0.041	0.004	-0.028	0.048	0.076	-0.014	-0.010	0.004	0.4000
0.5000	-0.036	-0.032	0.004	-0.047	-0.047	0.000	-0.049	-0.049	0.001	-0.037	0.033	0.070	-0.024	-0.014	0.010	0.5000
0.6000	-0.032	-0.029	0.003	-0.055	-0.048	0.007	-0.052			-0.048	0.028	0.076	-0.033	-0.021	0.012	0.6000
0.6170								-0.052								0.6170
0.7000	-0.039	-0.024	0.015	-0.056	-0.045	0.011	-0.055	-0.054	0.001	-0.056	0.022	0.078	-0.042			0.7000
0.7100														-0.023		0.7100
0.8000		-0.047		-0.054	-0.044	0.010	-0.057	-0.049	0.008	-0.066	0.023	0.089	-0.053			0.8000
0.8100														-0.029		0.8100
0.9000	-0.063	-0.051	0.011	-0.062			-0.072	-0.040	0.032	-0.068	0.018	0.087	-0.050			0.9000
1.0000	-0.080	-0.036	0.044	-0.081	-0.046	0.034	-0.099	-0.025	0.074	-0.064	0.009	0.073	-0.034	-0.051	-0.001	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(g) BVC $\delta = -0.1°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 2.229		α = 00.35							
0.0000	-0.003	-0.008	-0.005	0.114	0.102	-0.012	-0.074	0.044	0.118	0.070	0.076	0.007	0.109	0.042		0.0000
0.0125	-0.003	0.007	0.010	0.082	0.054	-0.027	0.028	0.031	0.004	0.075	0.046	-0.028		0.049		0.0125
0.0250	-0.003	0.014	0.017	0.062	0.026	-0.036	0.082	0.023	-0.059	0.072	0.028	-0.044	0.056	0.051	-0.005	0.0250
0.0500	-0.002	0.006	0.008	0.061	0.028	-0.033	0.047	0.020	-0.026	0.043	0.027	-0.017	0.031	0.042	0.011	0.0500
0.0750	0.003	0.003	0.001	0.005	0.003	-0.003	0.017	0.015	-0.003	0.031	0.021	-0.009	0.034	0.036	0.002	0.0750
0.1000	0.006	-0.004	-0.010	-0.012	-0.008	0.004	-0.001	0.007	0.008	0.012	0.018	0.006	0.031	0.024	-0.007	0.1000
0.1500	-0.005	-0.010	-0.005	-0.025	-0.016	0.009	-0.009	-0.005	0.004	-0.002	0.049	0.051	0.016	0.012	-0.004	0.1500
0.2000	-0.010	-0.012	-0.002	-0.030	-0.026	0.005	-0.021	-0.014	0.007	-0.013	0.059	0.072	0.006	0.005	-0.001	0.2000
0.3000	-0.036	-0.019	0.017	-0.034	-0.037	-0.003	-0.034	-0.033	0.001	-0.024	0.048	0.071	-0.012	-0.012	0.001	0.3000
0.4000	-0.027	-0.008	0.019	-0.039	-0.041	-0.003	-0.037	-0.043	-0.006	-0.035	0.043	0.078	-0.024	-0.018	0.006	0.4000
0.5000	-0.030	-0.031	-0.001	-0.050	-0.047	0.003	-0.045	-0.045	0.001	-0.039	0.030	0.069	-0.034	-0.025	0.009	0.5000
0.6000	-0.030	-0.028	0.002	-0.052	-0.046	0.006	-0.048			-0.049	0.026	0.075	-0.041	-0.031	0.009	0.6000
0.6170								-0.050								0.6170
0.7000	-0.027	-0.023	0.005	-0.052	-0.047	0.005	-0.050	-0.051	-0.001	-0.057	0.022	0.078	-0.049			0.7000
0.7100														-0.033		0.7100
0.8000		-0.043		-0.050	-0.045	0.006	-0.053	-0.049	0.004	-0.064	0.022	0.086	-0.057			0.8000
0.8100														-0.036		0.8100
0.9000	-0.062	-0.050	0.011	-0.059			-0.066	-0.034	0.032	-0.068	0.022	0.089	-0.061			0.9000
1.0000	-0.099	-0.044	0.055	-0.079	-0.030	0.049	-0.089	-0.008	0.081	-0.066	0.021	0.087	-0.060	-0.049	0.012	1.0000
							M = 2.230		α = 04.42							
0.0000	-0.004	-0.037	-0.033	0.087	0.033	-0.054	0.084	0.030	-0.054	0.113	0.053	-0.060	0.061	0.016		0.0000
0.0125	-0.005	-0.010	-0.005	0.066	0.025	-0.041	0.068	0.019	-0.048	0.071	0.027	-0.044		0.026		0.0125
0.0250	-0.004	0.006	0.010	0.054	0.020	-0.033	0.052	0.012	-0.040	0.042	0.011	-0.031	0.034	0.030	-0.004	0.0250
0.0500		0.002	0.002	0.055	0.018	-0.037	0.024	0.009	-0.015	0.022	0.010	-0.012	0.017	0.018	0.001	0.0500
0.0750	0.002	0.000	-0.002	0.000		-0.001	0.002	0.004	0.002	0.007	0.007	0.001	0.012	0.016	0.003	0.0750
0.1000	0.005	-0.006	-0.010	-0.017	-0.009	0.007	-0.007	0.000	0.007	-0.006	-0.001	0.005	0.006	0.003	-0.003	0.1000
0.1500	-0.004	-0.007	-0.003	-0.029	-0.018	0.011	-0.020	-0.011	0.009	-0.017	0.056	0.073	-0.004	-0.007	-0.003	0.1500
0.2000	-0.010	-0.010		-0.029	-0.026	0.003	-0.027	-0.020	0.007	-0.022	0.047	0.069	-0.011	-0.013	-0.002	0.2000
0.3000	-0.032	-0.021	0.011	-0.033	-0.033	-0.001	-0.035	-0.033	0.002	-0.029	0.036	0.064	-0.023	-0.025	-0.003	0.3000
0.4000	-0.031	-0.001	0.030	-0.039	-0.039	0.001	-0.040	-0.040	0.000	-0.037	0.039	0.076	-0.032	-0.029	0.003	0.4000
0.5000	-0.027	-0.030	-0.004	-0.046	-0.040	0.006	-0.042	-0.043	-0.001	-0.041	0.027	0.068	-0.039	-0.032	0.007	0.5000
0.6000	-0.021	-0.023	-0.002	-0.047	-0.041	0.006	-0.046			-0.047	0.024	0.071	-0.046	-0.035	0.011	0.6000
0.6170								-0.046								0.6170
0.7000	-0.039	-0.015	0.024	-0.042	-0.041	0.001	-0.046	-0.044	0.002	-0.053	0.024	0.077	-0.052			0.7000
0.7100														-0.036		0.7100
0.8000		-0.049		-0.042	-0.035	0.007	-0.049	-0.038	0.011	-0.061	0.026	0.087	-0.060			0.8000
0.8100														-0.041		0.8100
0.9000	-0.046	-0.044	0.003	-0.051			-0.060	-0.025	0.036	-0.062	0.024	0.086	-0.056			0.9000
1.0000	-0.036	0.002	0.038	-0.069	-0.008	0.062	-0.081	-0.004	0.076	-0.056	0.018	0.074	-0.040	-0.061	-0.005	1.0000
							M = 2.233		α = 08.21							
0.0000	-0.012	-0.004	0.008	0.046	0.049	0.002	-0.061	0.007	0.067	0.034	0.018	-0.016	0.083	0.010		0.0000
0.0125	-0.014	-0.002	0.012	0.044	0.020	-0.024	0.016	0.007	-0.008	0.040	0.009	-0.031		0.016		0.0125
0.0250	-0.013	-0.002	0.012	0.043	0.003	-0.040	0.055	0.007	-0.048	0.040	0.003	-0.036	0.021	0.018	-0.003	0.0250
0.0500	-0.005	-0.003	0.002	0.048	0.004	-0.044	0.021	0.004	-0.017	0.023	0.007	-0.016	-0.005	0.014	0.019	0.0500
0.0750	-0.005	-0.007	-0.002	-0.005	-0.011	-0.006	-0.005	0.001	0.006	0.008	0.006	-0.002	0.006	0.011	0.005	0.0750
0.1000	-0.002	-0.010	-0.008	-0.018	-0.016	0.003	-0.008	-0.002	0.006	-0.007	0.001	0.008	0.001	0.008	0.007	0.1000
0.1500	-0.009	-0.014	-0.005	-0.029	-0.022	0.007	-0.020	-0.010	0.010	-0.016	0.052	0.068	-0.005	-0.006	-0.001	0.1500
0.2000	-0.017	-0.017		-0.033	-0.030	0.003	-0.025	-0.019	0.006	-0.021	0.054	0.075	-0.013	-0.012	0.001	0.2000
0.3000	-0.035	-0.024	0.011	-0.034	-0.037	-0.003	-0.035	-0.032	0.002	-0.025	0.042	0.067	-0.024	-0.025		0.3000
0.4000	-0.031	-0.007	0.024	-0.036	-0.040	-0.003	-0.038	-0.040	-0.002	-0.031	0.039	0.070	-0.031	-0.026	0.005	0.4000
0.5000	-0.031	-0.033	-0.002	-0.042	-0.044	-0.001	-0.041	-0.045	-0.005	-0.037	0.034	0.072	-0.034	-0.029	0.005	0.5000
0.6000	-0.027	-0.028	-0.001	-0.046	-0.042	0.003	-0.043			-0.043	0.030	0.073	-0.041	-0.030	0.011	0.6000
0.6170								-0.047								0.6170
0.7000	-0.037	-0.023	0.013	-0.044	-0.041	0.002	-0.044	-0.045	-0.001	-0.044	0.030	0.074	-0.050			0.7000
0.7100														-0.033		0.7100
0.8000		-0.047		-0.042	-0.038	0.003	-0.049	-0.040	0.009	-0.056	0.029	0.085	-0.054			0.8000
0.8100														-0.036		0.8100
0.9000	-0.047	-0.046	0.001	-0.052			-0.057	-0.027	0.030	-0.057	0.030	0.087	-0.056			0.9000
1.0000	-0.049	-0.020	0.029	-0.073	-0.026	0.047	-0.069	-0.006	0.063	-0.048	0.031	0.080	-0.056	-0.046	0.010	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(g) BVC $\delta = -0.1°$ - Concluded

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 2.227 α = 12.19															
0.0000	-0.017	-0.033	-0.016	0.068	0.022	-0.046	0.077	0.021	-0.055	0.107	0.051	-0.056	0.031	0.014		0.0000
0.0125	-0.018	-0.016	0.002	0.050	0.007	-0.043	0.060	0.009	-0.051	0.068	0.023	-0.046		0.017		0.0125
0.0250	-0.020	-0.008	0.012	0.040	-0.003	-0.043	0.044	0.001	-0.044	0.041	0.005	-0.036	0.024	0.018	-0.006	0.0250
0.0500	-0.022	-0.018	0.004	0.043	-0.008	-0.051	0.016	-0.003	-0.019	0.021	0.004	-0.017	0.018	0.016	-0.002	0.0500
0.0750	-0.017	-0.017	0.000	-0.008	-0.019	-0.011	-0.005	-0.006	-0.002	0.003	0.001	-0.002	0.010	0.011	0.001	0.0750
0.1000	-0.011	-0.019	-0.007	-0.023	-0.023	0.000	-0.015	-0.011	0.004	-0.009	-0.008	0.001	0.004	0.002	-0.003	0.1000
0.1500	-0.019	-0.024	-0.005	-0.035	-0.027	0.008	-0.025	-0.022	0.004	-0.019	0.049	0.068	-0.005	-0.009	-0.004	0.1500
0.2000	-0.023	-0.026	-0.004	-0.037	-0.033	0.003	-0.031	-0.029	0.002	-0.026	0.040	0.066	-0.010	-0.015	-0.004	0.2000
0.3000	-0.033	-0.026	0.006	-0.034	-0.033	0.001	-0.035	-0.037	-0.003	-0.032	0.029	0.062	-0.022	-0.026	-0.004	0.3000
0.4000	-0.041	-0.029	0.012	-0.032	-0.037	-0.005	-0.036	-0.038	-0.002	-0.041	0.035	0.075	-0.031	-0.030	0.001	0.4000
0.5000	-0.033	-0.041	-0.008	-0.040	-0.041	-0.001	-0.039	-0.043	-0.005	-0.042	0.025	0.067	-0.039	-0.033	0.005	0.5000
0.6000	-0.041	-0.047	-0.006	-0.042	-0.040	0.002	-0.042			-0.048	0.023	0.070	-0.046	-0.037	0.009	0.6000
0.6170								-0.043								0.6170
0.7000	-0.047	-0.045	0.002	-0.038	-0.037	0.001	-0.041	-0.042	-0.001	-0.054	0.020	0.074	-0.053			0.7000
0.7100														-0.037		0.7100
0.8000		-0.058		-0.041	-0.038	0.003	-0.045	-0.034	0.011	-0.062	0.021	0.083	-0.058			0.8000
0.8100														-0.038		0.8100
0.9000	-0.048	-0.054	-0.006	-0.052			-0.056	-0.023	0.033	-0.062	0.021	0.083	-0.051			0.9000
1.0000	-0.043	-0.033	0.010	-0.071	-0.053	0.017	-0.073	-0.008	0.066	-0.054	0.021	0.075	-0.032	-0.043	0.008	1.0000
	M = 2.230 α = 16.22															
0.0000	0.003	-0.050	-0.053	0.086	0.068	-0.018	0.078	0.019	-0.060	0.113	0.033	-0.080	0.050	0.015		0.0000
0.0125	-0.028	-0.048	-0.020	0.055	0.031	-0.024	0.066	0.005	-0.061	0.070	0.005	-0.066		0.018		0.0125
0.0250	-0.047	-0.047	0.000	0.038	0.009	-0.029	0.052	-0.003	-0.055	0.040	-0.013	-0.053	0.027	0.017	-0.010	0.0250
0.0500	-0.052	-0.048	0.003	0.040	0.006	-0.034	0.021	-0.003	-0.024	0.019	-0.013	-0.031	0.012	0.004	-0.009	0.0500
0.0750	-0.061	-0.054	0.007	-0.020	-0.008	0.012	0.000	-0.007	-0.007	0.003	-0.014	-0.017	0.004	-0.004	-0.008	0.0750
0.1000	-0.054	-0.056	-0.001	-0.033	-0.027	0.006	-0.010	-0.009	0.001	-0.009	-0.019	-0.010	-0.004	-0.013	-0.009	0.1000
0.1500	-0.069	-0.071	-0.002	-0.051	-0.039	0.012	-0.019	-0.019	0.000	-0.020	0.040	0.060	-0.015	-0.027	-0.013	0.1500
0.2000	-0.073	-0.074	-0.001	-0.059	-0.050	0.010	-0.025	-0.027	-0.002	-0.024	0.034	0.058	-0.023	-0.031	-0.009	0.2000
0.3000	-0.086	-0.076	0.010	-0.068	-0.063	0.005	-0.037	-0.042	-0.005	-0.031	0.023	0.054	-0.037	-0.044	-0.008	0.3000
0.4000	-0.088	-0.066	0.022	-0.072	-0.073	-0.001	-0.045	-0.047	-0.001	-0.039	0.028	0.066	-0.046	-0.050	-0.004	0.4000
0.5000	-0.096	-0.091	0.005	-0.083	-0.076	0.007	-0.040	-0.044	-0.004	-0.037	0.022	0.059	-0.053	-0.051	0.002	0.5000
0.6000	-0.096	-0.092	0.003	-0.091	-0.081	0.009	-0.052			-0.041	0.022	0.063	-0.057	-0.053	0.004	0.6000
0.6170								-0.053								0.6170
0.7000	-0.095	-0.093	0.002	-0.096	-0.089	0.007	-0.063	-0.063	0.000	-0.053	0.017	0.070	-0.063			0.7000
0.7100														-0.050		0.7100
0.8000		-0.098		-0.104	-0.099	0.006	-0.073	-0.064	0.009	-0.068	0.014	0.082	-0.069			0.8000
0.8100														-0.053		0.8100
0.9000	-0.112	-0.104	0.008	-0.116			-0.089	-0.060	0.030	-0.073	0.009	0.083	-0.068			0.9000
1.0000	-0.131	-0.111	0.020	-0.130	-0.126	0.004	-0.111	-0.049	0.062	-0.070	0.003	0.074	-0.062	-0.073	-0.005	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(h) BVC $\delta = 9.7°$

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.699		α =-04.28							
0.0000	-0.059	-0.049	0.010	-0.064	-0.133	-0.069	-0.089	-0.177	-0.087	-0.061	-0.172	-0.111	-0.129	-0.180		0.0000
0.0125	-0.048	-0.056	-0.008	-0.076	-0.132	-0.056	-0.101	-0.155	-0.054	-0.101	-0.141	-0.041		-0.123		0.0125
0.0250	-0.044	-0.061	-0.017	-0.086	-0.128	-0.042	-0.111	-0.136	-0.025	-0.127	-0.120	0.007	-0.130	-0.090	0.039	0.0250
0.0500	-0.056	-0.063	-0.007	-0.106	-0.113	-0.007	-0.128	-0.109	0.019	-0.139	-0.104	0.035	-0.128	-0.093	0.035	0.0500
0.0750	-0.068	-0.079	-0.011	-0.128	-0.111	0.017	-0.133	-0.104	0.029	-0.142	-0.101	0.041	-0.123	-0.084	0.038	0.0750
0.1000	-0.077	-0.034	-0.007	-0.132	-0.111	0.021	-0.130	-0.103	0.027	-0.135	-0.106	0.029	-0.117	-0.087	0.029	0.1000
0.1500	-0.085	-0.088	-0.002	-0.118	-0.112	0.006	-0.120	-0.109	0.011	-0.118	-0.105	0.013	-0.109	-0.084	0.025	0.1500
0.2000	-0.091	-0.088	0.003	-0.109	-0.114	-0.005	-0.115	-0.109	0.006	-0.108	-0.097	0.011	-0.109	-0.077	0.032	0.2000
0.3000	-0.097	-0.101	-0.004	-0.108	-0.105	0.002	-0.109	-0.100	0.008	-0.097	-0.078	0.019	-0.108	-0.065	0.043	0.3000
0.4000	-0.095	-0.093	0.003	-0.103	-0.092	0.011	-0.100	-0.085	0.015	-0.089	-0.066	0.023	-0.101	-0.055	0.046	0.4000
0.5000	-0.092	-0.076	0.016	-0.098	-0.081	0.017	-0.088	-0.069	0.019	-0.087	-0.054	0.034	-0.092	-0.045	0.047	0.5000
0.6000	-0.073	-0.068	0.005	-0.082	-0.069	0.013	-0.077			-0.089	-0.039	0.050	-0.077	-0.036	0.041	0.6000
0.6170								-0.047								0.6170
0.7000	-0.092	-0.056	0.037	-0.072	-0.042	0.029	-0.069	-0.025	0.044	-0.083	-0.028	0.055	-0.064			0.7000
0.7100														-0.027		0.7100
0.8000		-0.061		-0.060	-0.010	0.050	-0.066	0.010	0.076	-0.056	-0.008	0.048	-0.040			0.8000
0.8100														-0.021		0.8100
0.9000	-0.065	-0.015	0.051	-0.030			-0.045	0.028	0.073	-0.017	-0.009	0.008	-0.018			0.9000
1.0000	-0.018	0.085	0.103	0.016	0.073	0.057	-0.007	0.028	0.036	0.034	-0.032	-0.066	0.000	-0.013	0.006	1.0000
							M = 0.697		α =-00.06							
0.0000	-0.046	-0.052	-0.006	-0.071	-0.142	-0.071	-0.086	-0.188	-0.103	-0.062	-0.181	-0.119	-0.145	-0.189		0.0000
0.0125	-0.051	-0.064	-0.013	-0.086	-0.143	-0.057	-0.101	-0.161	-0.060	-0.097	-0.150	-0.052		-0.139		0.0125
0.0250	-0.056	-0.071	-0.015	-0.098	-0.142	-0.044	-0.114	-0.141	-0.027	-0.121	-0.128	-0.007	-0.130	-0.109	0.022	0.0250
0.0500	-0.069	-0.074	-0.005	-0.115	-0.133	-0.018	-0.127	-0.118	0.009	-0.131	-0.113	0.018	-0.123	-0.102	0.021	0.0500
0.0750	-0.078	-0.093	-0.015	-0.135	-0.127	0.009	-0.134	-0.112	0.022	-0.134	-0.109	0.025	-0.122	-0.095	0.028	0.0750
0.1000	-0.092	-0.097	-0.005	-0.139	-0.127	0.013	-0.131	-0.111	0.020	-0.131	-0.113	0.018	-0.118	-0.097	0.020	0.1000
0.1500	-0.095	-0.100	-0.005	-0.128	-0.128	0.000	-0.121	-0.114	0.007	-0.118	-0.111	0.007	-0.111	-0.092	0.019	0.1500
0.2000	-0.101	-0.100	0.001	-0.121	-0.126	-0.005	-0.118	-0.113	0.004	-0.109	-0.101	0.008	-0.113	-0.086	0.028	0.2000
0.3000	-0.110	-0.113	-0.003	-0.120	-0.117	0.003	-0.113	-0.108	0.005	-0.100	-0.084	0.015	-0.112	-0.075	0.036	0.3000
0.4000	-0.107	-0.112	-0.005	-0.116	-0.107	0.009	-0.105	-0.091	0.013	-0.093	-0.073	0.020	-0.106	-0.067	0.039	0.4000
0.5000	-0.106	-0.094	0.012	-0.109	-0.098	0.012	-0.095	-0.079	0.016	-0.092	-0.061	0.032	-0.098	-0.059	0.039	0.5000
0.6000	-0.090	-0.086	0.004	-0.093	-0.086	0.007	-0.083			-0.096	-0.048	0.048	-0.084	-0.051	0.033	0.6000
0.6170								-0.052								0.6170
0.7000	-0.110	-0.073	0.037	-0.081	-0.059	0.022	-0.077	-0.031	0.045	-0.091	-0.035	0.056	-0.074			0.7000
0.7100														-0.038		0.7100
0.8000		-0.078		-0.071	-0.029	0.041	-0.073	0.005	0.079	-0.065	-0.020	0.045	-0.047			0.8000
0.8100														-0.033		0.8100
0.9000	-0.079	-0.035	0.043	-0.042			-0.055	0.010	0.066	-0.025	-0.028	-0.004	-0.032			0.9000
1.0000	-0.027	0.054	0.081	0.005	0.041	0.036	-0.023	-0.016	0.006	0.030	-0.059	-0.088	-0.029	-0.041	-0.009	1.0000
							M = 0.698		α = 03.83							
0.0000	-0.028	-0.036	-0.008	-0.058	-0.126	-0.068	-0.074	-0.164	-0.090	-0.043	-0.152	-0.109	-0.096	-0.143		0.0000
0.0125	-0.032	-0.044	-0.012	-0.069	-0.122	-0.053	-0.083	-0.139	-0.056	-0.078	-0.127	-0.050		-0.106		0.0125
0.0250	-0.036	-0.050	-0.014	-0.078	-0.118	-0.040	-0.092	-0.121	-0.029	-0.100	-0.110	-0.010	-0.098	-0.083	0.015	0.0250
0.0500	-0.050	-0.058	-0.009	-0.092	-0.110	-0.018	-0.106	-0.101	0.005	-0.108	-0.095	0.013	-0.098	-0.082	0.016	0.0500
0.0750	-0.063	-0.074	-0.012	-0.112	-0.106	0.007	-0.111	-0.095	0.017	-0.112	-0.090	0.022	-0.096	-0.074	0.022	0.0750
0.1000	-0.074	-0.080	-0.006	-0.115	-0.107	0.008	-0.107	-0.092	0.016	-0.108	-0.096	0.012	-0.093	-0.078	0.015	0.1000
0.1500	-0.078	-0.084	-0.007	-0.104	-0.108	-0.004	-0.100	-0.096	0.005	-0.096	-0.092	0.004	-0.088	-0.072	0.017	0.1500
0.2000	-0.085	-0.085	0.001	-0.099	-0.105	-0.006	-0.096	-0.095	0.001	-0.090	-0.083	0.006	-0.090	-0.067	0.023	0.2000
0.3000	-0.093	-0.096	-0.003	-0.099	-0.098	0.001	-0.092	-0.089	0.003	-0.080	-0.069	0.011	-0.090	-0.056	0.034	0.3000
0.4000	-0.090	-0.094	-0.004	-0.095	-0.087	0.009	-0.086	-0.075	0.011	-0.075	-0.058	0.017	-0.084	-0.052	0.032	0.4000
0.5000	-0.089	-0.083	0.006	-0.087	-0.078	0.010	-0.076	-0.062	0.014	-0.076	-0.046	0.030	-0.077	-0.044	0.034	0.5000
0.6000	-0.074	-0.072	0.002	-0.073	-0.067	0.006	-0.067			-0.078	-0.034	0.044	-0.065	-0.035	0.031	0.6000
0.6170								-0.037								0.6170
0.7000	-0.093	-0.061	0.032	-0.067	-0.045	0.022	-0.060	-0.019	0.041	-0.074	-0.024	0.050	-0.058			0.7000
0.7100														-0.022		0.7100
0.8000		-0.065		-0.056	-0.016	0.041	-0.060	0.011	0.071	-0.051	-0.013	0.038	-0.035			0.8000
0.8100														-0.021		0.8100
0.9000	-0.065	-0.022	0.043	-0.029			-0.046	0.017	0.063	-0.011	-0.019	-0.008	-0.021			0.9000
1.0000	-0.017	0.068	0.084	0.015	0.061	0.046	-0.019	-0.002	0.017	0.047	-0.043	-0.090	-0.015	-0.046	-0.025	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(h) BVC $\delta = 9.7°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.696		α = 07.85							
0.0000	-0.050	-0.040	0.010	-0.063	-0.124	-0.061	-0.076	-0.152	-0.076	-0.031	-0.138	-0.107	-0.071	-0.127		0.0000
0.0125	-0.049	-0.052	-0.003	-0.078	-0.124	-0.047	-0.084	-0.131	-0.047	-0.063	-0.112	-0.049		-0.090		0.0125
0.0250	-0.051	-0.061	-0.010	-0.089	-0.122	-0.033	-0.091	-0.114	-0.023	-0.084	-0.094	-0.010	-0.078	-0.068	0.010	0.0250
0.0500	-0.061	-0.066	-0.004	-0.101	-0.108	-0.007	-0.103	-0.093	0.011	-0.095	-0.082	0.013	-0.080	-0.069	0.011	0.0500
0.0750	-0.071	-0.081	-0.009	-0.123	-0.108	0.015	-0.110	-0.088	0.022	-0.097	-0.078	0.019	-0.078	-0.061	0.017	0.0750
0.1000	-0.081	-0.085	-0.004	-0.126	-0.108	0.018	-0.107	-0.086	0.021	-0.094	-0.083	0.011	-0.075	-0.064	0.011	0.1000
0.1500	-0.088	-0.090	-0.002	-0.113	-0.109	0.004	-0.097	-0.094	0.003	-0.082	-0.081	0.001	-0.070	-0.058	0.011	0.1500
0.2000	-0.096	-0.094	0.002	-0.105	-0.110	-0.005	-0.095	-0.093	0.002	-0.076	-0.072	0.004	-0.073	-0.053	0.020	0.2000
0.3000	-0.102	-0.104	-0.002	-0.104	-0.102	0.001	-0.091	-0.085	0.006	-0.068	-0.059	0.009	-0.074	-0.045	0.029	0.3000
0.4000	-0.096	-0.098	-0.002	-0.097	-0.089	0.009	-0.083	-0.070	0.013	-0.064	-0.049	0.015	-0.071	-0.039	0.032	0.4000
0.5000	-0.090	-0.082	0.009	-0.091	-0.079	0.012	-0.074	-0.061	0.013	-0.065	-0.038	0.028	-0.063	-0.033	0.031	0.5000
0.6000	-0.074	-0.072	0.001	-0.076	-0.069	0.007	-0.068			-0.071	-0.027	0.044	-0.054	-0.023	0.031	0.6000
0.6170								-0.034								0.6170
0.7000	-0.092	-0.059	0.033	-0.067	-0.046	0.021	-0.062	-0.023	0.039	-0.068	-0.018	0.049	-0.046			0.7000
0.7100														-0.011		0.7100
0.8000		-0.064		-0.058	-0.015	0.043	-0.064	0.009	0.073	-0.045	-0.008	0.037	-0.022			0.8000
0.8100														-0.012		0.8100
0.9000	-0.063	-0.020	0.043	-0.033			-0.051	0.015	0.066	-0.006	-0.016	-0.010	-0.012			0.9000
1.0000	-0.015	0.074	0.089	0.006	0.071	0.065	-0.023	-0.004	0.018	0.049	-0.043	-0.092	-0.014	-0.044	-0.032	1.0000
							M = 0.699		α = 11.79							
0.0000	-0.053	-0.065	-0.012	-0.081	-0.165	-0.084	-0.089	-0.203	-0.115	-0.044	-0.180	-0.136	-0.071	-0.156		0.0000
0.0125	-0.050	-0.074	-0.024	-0.091	-0.162	-0.071	-0.102	-0.178	-0.076	-0.080	-0.151	-0.070		-0.111		0.0125
0.0250	-0.052	-0.080	-0.028	-0.101	-0.156	-0.055	-0.114	-0.158	-0.044	-0.105	-0.129	-0.025	-0.082	-0.084	-0.002	0.0250
0.0500	-0.065	-0.083	-0.018	-0.121	-0.137	-0.016	-0.132	-0.129	0.002	-0.118	-0.111	0.007	-0.086	-0.082	0.004	0.0500
0.0750	-0.074	-0.095	-0.021	-0.139	-0.133	0.006	-0.138	-0.125	0.014	-0.123	-0.104	0.019	-0.084	-0.074	0.010	0.0750
0.1000	-0.084	-0.098	-0.014	-0.143	-0.134	0.009	-0.136	-0.119	0.017	-0.120	-0.112	0.009	-0.081	-0.078	0.003	0.1000
0.1500	-0.089	-0.100	-0.011	-0.127	-0.131	-0.004	-0.124	-0.127	-0.003	-0.107	-0.104	0.002	-0.078	-0.071	0.006	0.1500
0.2000	-0.094	-0.099	-0.005	-0.120	-0.130	-0.009	-0.121	-0.125	-0.004	-0.100	-0.096	0.004	-0.081	-0.065	0.016	0.2000
0.3000	-0.098	-0.106	-0.009	-0.115	-0.117	-0.002	-0.115	-0.115	0.000	-0.094	-0.081	0.013	-0.085	-0.057	0.028	0.3000
0.4000	-0.089	-0.096	-0.007	-0.104	-0.100	0.004	-0.108	-0.100	0.008	-0.092	-0.073	0.019	-0.082	-0.053	0.029	0.4000
0.5000	-0.082	-0.079	0.003	-0.094	-0.085	0.009	-0.097	-0.087	0.010	-0.094	-0.061	0.034	-0.077	-0.042	0.035	0.5000
0.6000	-0.065	-0.068	-0.003	-0.075	-0.072	0.003	-0.087			-0.100	-0.049	0.051	-0.069	-0.036	0.033	0.6000
0.6170								-0.062								0.6170
0.7000	-0.078	-0.054	0.023	-0.066	-0.047	0.019	-0.081	-0.044	0.037	-0.099	-0.040	0.059	-0.059			0.7000
0.7100														-0.029		0.7100
0.8000		-0.045		-0.055	-0.019	0.036	-0.081	-0.010	0.070	-0.076	-0.030	0.045	-0.034			0.8000
0.8100														-0.032		0.8100
0.9000	-0.050	-0.012	0.038	-0.028			-0.066	-0.005	0.061	-0.036	-0.038	-0.002	-0.028			0.9000
1.0000	-0.010	0.047	0.056	0.014	0.048	0.033	-0.037	-0.027	0.009	0.019	-0.062	-0.081	-0.042	-0.062	-0.033	1.0000
							M = 0.696		α = 15.72							
0.0000	-0.040	-0.073	-0.033	-0.055	-0.179	-0.124	-0.077	-0.235	-0.158	-0.080	-0.276	-0.197	-0.166	-0.222		0.0000
0.0125	-0.044	-0.030	-0.036	-0.071	-0.169	-0.097	-0.100	-0.216	-0.116	-0.120	-0.233	-0.113		-0.195		0.0125
0.0250	-0.049	-0.084	-0.036	-0.084	-0.159	-0.074	-0.117	-0.197	-0.080	-0.147	-0.200	-0.053	-0.160	-0.174	-0.014	0.0250
0.0500	-0.058	-0.082	-0.024	-0.098	-0.138	-0.040	-0.130	-0.155	-0.024	-0.161	-0.162	-0.002	-0.154	-0.147	0.007	0.0500
0.0750	-0.066	-0.091	-0.025	-0.120	-0.131	-0.011	-0.138	-0.141	-0.003	-0.163	-0.154	0.009	-0.149	-0.136	0.013	0.0750
0.1000	-0.076	-0.091	-0.015	-0.122	-0.129	-0.007	-0.134	-0.132	0.002	-0.158	-0.161	-0.003	-0.143	-0.140	0.003	0.1000
0.1500	-0.080	-0.091	-0.011	-0.108	-0.125	-0.017	-0.123	-0.138	-0.016	-0.142	-0.148	-0.006	-0.138	-0.132	0.006	0.1500
0.2000	-0.082	-0.089	-0.007	-0.098	-0.120	-0.022	-0.117	-0.130	-0.013	-0.132	-0.132		-0.140	-0.124	0.016	0.2000
0.3000	-0.085	-0.097	-0.012	-0.094	-0.104	-0.010	-0.109	-0.114	-0.005	-0.123	-0.111	0.012	-0.142	-0.115	0.028	0.3000
0.4000	-0.081	-0.090	-0.009	-0.080	-0.084	-0.004	-0.096	-0.094	0.002	-0.113	-0.100	0.013	-0.138	-0.109	0.029	0.4000
0.5000	-0.080	-0.078	0.002	-0.076	-0.072	0.004	-0.084	-0.080	0.004	-0.111	-0.082	0.029	-0.131	-0.094	0.037	0.5000
0.6000	-0.068	-0.069	-0.002	-0.060	-0.064	-0.004	-0.073			-0.113	-0.069	0.044	-0.121	-0.086	0.035	0.6000
0.6170								-0.054								0.6170
0.7000	-0.081	-0.060	0.021	-0.054	-0.041	0.013	-0.066	-0.037	0.030	-0.107	-0.057	0.050	-0.110			0.7000
0.7100														-0.077		0.7100
0.8000		-0.056		-0.048	-0.014	0.034	-0.067	-0.009	0.058	-0.080	-0.045	0.035	-0.078			0.8000
0.8100														-0.078		0.8100
0.9000	-0.069	-0.026	0.044	-0.027			-0.052	-0.003	0.049	-0.042	-0.049	-0.008	-0.075			0.9000
1.0000	-0.045	0.030	0.075	0.010	0.049	0.039	-0.024	-0.019	0.004	0.007	-0.072	-0.079	-0.101	-0.105	-0.030	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(h) BVC $\delta = 9.7°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 0.901 α = 03.73															
0.0000	-0.026	-0.019	0.007	-0.067	-0.137	-0.069	-0.079	-0.180	-0.101	-0.051	-0.196	-0.144	-0.104	-0.170		0.0000
0.0125	-0.025	-0.029	-0.004	-0.080	-0.136	-0.056	-0.091	-0.156	-0.065	-0.088	-0.157	-0.069		-0.127		0.0125
0.0250	-0.028	-0.038	-0.010	-0.090	-0.131	-0.041	-0.102	-0.138	-0.036	-0.112	-0.131	-0.019	-0.102	-0.101	0.000	0.0250
0.0500	-0.045	-0.049	-0.004	-0.106	-0.114	-0.008	-0.118	-0.117	0.001	-0.121	-0.116	0.005	-0.099	-0.097	0.002	0.0500
0.0750	-0.060	-0.069	-0.009	-0.132	-0.122	0.009	-0.127	-0.111	0.016	-0.124	-0.113	0.011	-0.095	-0.086	0.009	0.0750
0.1000	-0.072	-0.080	-0.008	-0.137	-0.124	0.014	-0.123	-0.109	0.014	-0.121	-0.115	0.006	-0.091	-0.087	0.004	0.1000
0.1500	-0.087	-0.088	-0.001	-0.122	-0.127	-0.005	-0.115	-0.116	-0.002	-0.106	-0.111	-0.005	-0.087	-0.079	0.008	0.1500
0.2000	-0.098	-0.096	0.003	-0.118	-0.128	-0.010	-0.113	-0.118	-0.005	-0.099	-0.102	-0.003	-0.092	-0.073	0.019	0.2000
0.3000	-0.111	-0.116	-0.005	-0.120	-0.122	-0.002	-0.111	-0.112	-0.001	-0.088	-0.082	0.007	-0.096	-0.063	0.033	0.3000
0.4000	-0.111	-0.114	-0.003	-0.117	-0.111	0.006	-0.100	-0.096	0.005	-0.082	-0.066	0.017	-0.093	-0.054	0.039	0.4000
0.5000	-0.111	-0.097	0.015	-0.113	-0.102	0.010	-0.089	-0.079	0.010	-0.078	-0.051	0.026	-0.083	-0.049	0.034	0.5000
0.6000	-0.092	-0.088	0.004	-0.099	-0.096	0.002	-0.077			-0.085	-0.036	0.049	-0.069	-0.039	0.030	0.6000
0.6170								-0.053								0.6170
0.7000	-0.122	-0.078	0.045	-0.089	-0.072	0.017	-0.066	-0.033	0.033	-0.079	-0.025	0.055	-0.050			0.7000
0.7100														-0.028		0.7100
0.8000		-0.107		-0.075	-0.034	0.041	-0.064	0.017	0.082	-0.053	-0.007	0.046	-0.033			0.8000
0.8100														-0.022		0.8100
0.9000	-0.083	-0.039	0.044	-0.041			-0.052	0.033	0.086	-0.022	-0.020	0.002	-0.015			0.9000
1.0000	-0.013	0.125	0.138	0.012	0.085	0.073	-0.030	0.014	0.044	0.013	-0.062	-0.075	0.004	-0.026	-0.011	1.0000
	M = 0.954 α = 03.73															
0.0000	-0.009	0.002	0.011	-0.064	-0.144	-0.080	-0.087	-0.200	-0.113	-0.047	-0.219	-0.172	-0.090	-0.173		0.0000
0.0125	-0.005	-0.008	-0.002	-0.075	-0.137	-0.061	-0.097	-0.173	-0.075	-0.087	-0.173	-0.086		-0.127		0.0125
0.0250	-0.006	-0.016	-0.010	-0.086	-0.131	-0.045	-0.107	-0.152	-0.045	-0.113	-0.143	-0.030	-0.083	-0.097	-0.014	0.0250
0.0500	-0.024	-0.029	-0.005	-0.105	-0.123	-0.018	-0.125	-0.129	-0.004	-0.127	-0.129	-0.002	-0.077	-0.085	-0.008	0.0500
0.0750	-0.042	-0.053	-0.011	-0.136	-0.126	0.010	-0.135	-0.124	0.011	-0.128	-0.122	0.006	-0.072	-0.072	0.000	0.0750
0.1000	-0.059	-0.066	-0.007	-0.144	-0.129	0.015	-0.133	-0.118	0.015	-0.123	-0.123	0.000	-0.068	-0.072	-0.003	0.1000
0.1500	-0.076	-0.078	-0.001	-0.130	-0.132	-0.002	-0.122	-0.123	-0.001	-0.103	-0.120	-0.017	-0.063	-0.059	0.004	0.1500
0.2000	-0.091	-0.091	0.000	-0.127	-0.133	-0.006	-0.116	-0.124	-0.008	-0.090	-0.107	-0.017	-0.070	-0.053	0.016	0.2000
0.3000	-0.111	-0.118	-0.007	-0.127	-0.138	-0.012	-0.116	-0.119	-0.003	-0.074	-0.077	-0.004	-0.077	-0.040	0.038	0.3000
0.4000	-0.118	-0.122	-0.004	-0.126	-0.118	0.008	-0.104	-0.105		-0.063	-0.054	0.009	-0.076	-0.031	0.045	0.4000
0.5000	-0.120	-0.108	0.012	-0.120	-0.109	0.011	-0.081	-0.078	0.003	-0.054	-0.034	0.021	-0.069	-0.028	0.041	0.5000
0.6000	-0.094	-0.094	-0.001	-0.105	-0.106	-0.001	-0.061			-0.065	-0.015	0.050	-0.050	-0.019	0.032	0.6000
0.6170								-0.040								0.6170
0.7000	-0.132	-0.081	0.051	-0.084	-0.072	0.012	-0.048	-0.008	0.040	-0.061	0.003	0.064	-0.030			0.7000
0.7100														-0.005		0.7100
0.8000		-0.114		-0.066	-0.021	0.045	-0.042	0.060	0.102	-0.033	0.018	0.051	-0.012			0.8000
0.8100														0.003		0.8100
0.9000	-0.070	-0.031	0.039	-0.018			-0.020	0.065	0.085	0.000	-0.001	-0.002	0.011			0.9000
1.0000	0.031	0.168	0.137	0.059	0.130	0.071	0.019	0.006	-0.013	0.039	-0.057	-0.095	0.039	0.003	-0.008	1.0000
	M = 1.003 α = 03.88															
0.0000	-0.017	0.002	0.019	-0.055	-0.126	-0.071	-0.080	-0.183	-0.103	-0.065	-0.237	-0.172	-0.141	-0.253		0.0000
0.0125	-0.010	-0.008	0.002	-0.065	-0.122	-0.057	-0.096	-0.161	-0.064	-0.102	-0.192	-0.090		-0.204		0.0125
0.0250	-0.008	-0.015	-0.007	-0.073	-0.116	-0.043	-0.109	-0.144	-0.034	-0.127	-0.162	-0.035	-0.148	-0.175	-0.027	0.0250
0.0500	-0.017	-0.022	-0.005	-0.085	-0.098	-0.013	-0.125	-0.126	-0.001	-0.142	-0.147	-0.005	-0.150	-0.172	-0.022	0.0500
0.0750	-0.035	-0.042	-0.007	-0.115	-0.112	0.004	-0.132	-0.125	0.008	-0.146	-0.144	0.002	-0.147	-0.166	-0.019	0.0750
0.1000	-0.041	-0.052	-0.011	-0.136	-0.122	0.014	-0.131	-0.125	0.005	-0.145	-0.151	-0.006	-0.143	-0.171	-0.028	0.1000
0.1500	-0.063	-0.063	0.000	-0.123	-0.122	0.001	-0.130	-0.136	-0.006	-0.136	-0.158	-0.022	-0.135	-0.170	-0.035	0.1500
0.2000	-0.080	-0.076	0.004	-0.119	-0.121	-0.003	-0.130	-0.140	-0.010	-0.133	-0.154	-0.022	-0.138	-0.166	-0.028	0.2000
0.3000	-0.102	-0.116	-0.014	-0.122	-0.137	-0.016	-0.129	-0.134	-0.005	-0.134	-0.151	-0.017	-0.156	-0.147	0.009	0.3000
0.4000	-0.117	-0.110	0.007	-0.130	-0.132	-0.002	-0.132	-0.131	0.001	-0.139	-0.153	-0.015	-0.162	-0.105	0.058	0.4000
0.5000	-0.122	-0.110	0.013	-0.126	-0.120	0.007	-0.136	-0.137	-0.001	-0.137	-0.145	-0.008	-0.131	-0.063	0.068	0.5000
0.6000	-0.101	-0.104	-0.003	-0.135	-0.128	0.007	-0.137			-0.145	-0.112	0.033	-0.097	-0.019	0.079	0.6000
0.6170								-0.139								0.6170
0.7000	-0.155	-0.130	0.055	-0.143	-0.149	-0.006	-0.135	-0.112	0.023	-0.127	-0.079	0.048	-0.068			0.7000
0.7100														0.003		0.7100
0.8000		-0.179		-0.148	-0.115	0.033	-0.111	-0.070	0.041	-0.085	0.022	0.107	-0.005			0.8000
0.8100														0.019		0.8100
0.9000	-0.159	-0.112	0.047	-0.107			-0.081	0.052	0.134	-0.034	0.020	0.053	0.060			0.9000
1.0000	-0.109	0.100	0.210	-0.022	0.120	0.142	-0.046	0.254	0.300	0.026	-0.085	-0.111	0.127	0.040	-0.020	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(h) BVC $\delta = 9.7°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.047 α = 03.93															
0.0000	-0.007	0.001	0.008	-0.048	-0.123	-0.075	-0.103	-0.207	-0.103	-0.100	-0.227	-0.127	-0.151	-0.254		0.0000
0.0125		-0.003	-0.003	-0.067	-0.124	-0.056	-0.116	-0.184	-0.068	-0.138	-0.202	-0.065		-0.207		0.0125
0.0250	0.002	-0.006	-0.008	-0.081	-0.120	-0.039	-0.128	-0.166	-0.038	-0.163	-0.185	-0.022	-0.159	-0.178	-0.018	0.0250
0.0500	-0.007	-0.009	-0.002	-0.093	-0.100	-0.007	-0.147	-0.142	0.005	-0.176	-0.171	0.005	-0.162	-0.173	-0.011	0.0500
0.0750	-0.024	-0.032	-0.008	-0.119	-0.113	0.006	-0.161	-0.135	0.026	-0.180	-0.169	0.011	-0.159	-0.167	-0.007	0.0750
0.1000	-0.036	-0.042	-0.007	-0.131	-0.121	0.010	-0.164	-0.135	0.029	-0.178	-0.176	0.003	-0.155	-0.171	-0.016	0.1000
0.1500	-0.059	-0.058	0.001	-0.140	-0.142	-0.002	-0.156	-0.150	0.007	-0.167	-0.172	-0.005	-0.150	-0.168	-0.018	0.1500
0.2000	-0.077	-0.073	0.004	-0.134	-0.141	-0.007	-0.156	-0.163	-0.007	-0.157	-0.166	-0.009	-0.153	-0.166	-0.013	0.2000
0.3000	-0.109	-0.123	-0.014	-0.148	-0.152	-0.004	-0.157	-0.164	-0.007	-0.147	-0.154	-0.007	-0.166	-0.166	0.001	0.3000
0.4000	-0.135	-0.115	0.021	-0.163	-0.155	0.007	-0.154	-0.155	-0.001	-0.157	-0.149	0.008	-0.182	-0.162	0.020	0.4000
0.5000	-0.147	-0.124	0.023	-0.152	-0.144	0.008	-0.151	-0.151	0.000	-0.159	-0.153	0.006	-0.186	-0.155	0.031	0.5000
0.6000	-0.118	-0.124	-0.006	-0.152	-0.145	0.007	-0.158			-0.170	-0.152	0.018	-0.180	-0.142	0.038	0.6000
0.6170								-0.155								0.6170
0.7000	-0.178	-0.114	0.064	-0.162	-0.162	0.000	-0.162	-0.154	0.007	-0.183	-0.138	0.045	-0.153			0.7000
0.7100														-0.129		0.7100
0.8000		-0.209		-0.171	-0.157	0.014	-0.166	-0.122	0.043	-0.141	-0.114	0.027	-0.132			0.8000
0.8100														-0.106		0.8100
0.9000	-0.193	-0.155	0.037	-0.174			-0.130	-0.102	0.028	-0.130	-0.101	0.029	-0.121			0.9000
1.0000	-0.147	0.048	0.195	-0.172	-0.079	0.094	-0.054	-0.093	-0.038	-0.151	-0.098	0.053	-0.119	-0.032	0.089	1.0000
	M = 1.101 α = 03.79															
0.0000	-0.035	-0.016	0.019	-0.037	-0.115	-0.078	-0.064	-0.170	-0.105	-0.029	-0.173	-0.144	-0.138	-0.243		0.0000
0.0125	-0.031	-0.027	0.004	-0.056	-0.112	-0.056	-0.073	-0.147	-0.074	-0.070	-0.148	-0.078		-0.193		0.0125
0.0250	-0.029	-0.034	-0.005	-0.069	-0.107	-0.038	-0.080	-0.128	-0.049	-0.098	-0.130	-0.032	-0.137	-0.161	-0.024	0.0250
0.0500	-0.031	-0.032	-0.001	-0.079	-0.087	-0.009	-0.086	-0.100	-0.014	-0.114	-0.118	-0.004	-0.137	-0.154	-0.017	0.0500
0.0750	-0.041	-0.053	-0.012	-0.104	-0.092	0.013	-0.090	-0.086	0.004	-0.121	-0.119	0.001	-0.137	-0.151	-0.015	0.0750
0.1000	-0.051	-0.060	-0.009	-0.112	-0.104	0.007	-0.089	-0.074	0.015	-0.122	-0.127	-0.005	-0.134	-0.153	-0.019	0.1000
0.1500	-0.060	-0.061	-0.001	-0.126	-0.124	0.002	-0.087	-0.075	0.012	-0.115	-0.128	-0.014	-0.130	-0.149	-0.019	0.1500
0.2000	-0.071	-0.067	0.004	-0.115	-0.128	-0.012	-0.085	-0.089	-0.004	-0.112	-0.129	-0.017	-0.131	-0.146	-0.016	0.2000
0.3000	-0.098	-0.113	-0.016	-0.106	-0.116	-0.010	-0.091	-0.104	-0.013	-0.112	-0.124	-0.013	-0.142	-0.145	-0.003	0.3000
0.4000	-0.124	-0.100	0.024	-0.102	-0.111	-0.009	-0.102	-0.108	-0.006	-0.121	-0.121	0.000	-0.159	-0.140	0.019	0.4000
0.5000	-0.108	-0.113	-0.005	-0.104	-0.093	0.011	-0.105	-0.116	-0.011	-0.125	-0.121	0.004	-0.171	-0.133	0.038	0.5000
0.6000	-0.100	-0.108	-0.008	-0.102	-0.106	-0.005	-0.111			-0.139	-0.116	0.023	-0.175	-0.123	0.052	0.6000
0.6170								-0.113								0.6170
0.7000	-0.106	-0.101	0.005	-0.105	-0.113	-0.008	-0.120	-0.102	0.018	-0.161	-0.105	0.055	-0.159			0.7000
0.7100														-0.118		0.7100
0.8000		-0.091		-0.120	-0.096	0.024	-0.145	-0.080	0.065	-0.149	-0.092	0.058	-0.132			0.8000
0.8100														-0.134		0.8100
0.9000	-0.150	-0.086	0.063	-0.154			-0.129	-0.068	0.061	-0.116	-0.111	0.005	-0.143			0.9000
1.0000	-0.187	-0.089	0.099	-0.206	0.010	0.216	-0.072	-0.066	0.006	-0.060	-0.162	-0.102	-0.191	-0.217	-0.074	1.0000
	M = 1.301 α = -04.13															
0.0000	-0.029	0.050	0.079	0.056	-0.076	-0.132	0.015	-0.156	-0.171	0.054	-0.146	-0.200	-0.081	-0.195		0.0000
0.0125	-0.013	0.016	0.029	0.021	-0.083	-0.104	-0.015	-0.130	-0.115	-0.016	-0.128	-0.112		-0.140		0.0125
0.0250		-0.004	-0.004	-0.006	-0.080	-0.074	-0.041	-0.109	-0.069	-0.063	-0.113	-0.050	-0.100	-0.107	-0.008	0.0250
0.0500	0.020	0.001	-0.019	-0.036	-0.042	-0.006	-0.078	-0.082	-0.004	-0.089	-0.088	0.001	-0.112	-0.108	0.004	0.0500
0.0750	0.010	-0.022	-0.032	-0.067	-0.056	0.010	-0.094	-0.079	0.015	-0.099	-0.087	0.011	-0.118	-0.114	0.004	0.0750
0.1000	-0.001	-0.043	-0.042	-0.076	-0.059	0.017	-0.095	-0.079	0.016	-0.108	-0.099	0.009	-0.121	-0.129	-0.008	0.1000
0.1500	-0.013	-0.025	-0.012	-0.071	-0.074	-0.003	-0.080	-0.086	-0.006	-0.112	-0.090	0.022	-0.120	-0.138	-0.018	0.1500
0.2000	-0.044	-0.046	-0.003	-0.062	-0.087	-0.025	-0.090	-0.096	-0.006	-0.112	-0.101	0.011	-0.115	-0.140	-0.026	0.2000
0.3000	-0.114	-0.077	0.037	-0.089	-0.095	-0.006	-0.095	-0.106	-0.011	-0.104	-0.099	0.005	-0.116	-0.133	-0.017	0.3000
0.4000	-0.098	-0.025	0.073	-0.101	-0.092	0.009	-0.103	-0.101	0.003	-0.116	-0.088	0.028	-0.131	-0.122	0.009	0.4000
0.5000	-0.078	-0.071	0.006	-0.097	-0.096	0.002	-0.101	-0.105	-0.004	-0.114	-0.094	0.020	-0.138	-0.119	0.020	0.5000
0.6000	-0.081	-0.080	0.001	-0.094	-0.095	-0.001	-0.105			-0.122	-0.090	0.032	-0.142	-0.115	0.027	0.6000
0.6170								-0.104								0.6170
0.7000	-0.093	-0.093	0.001	-0.101	-0.099	0.002	-0.109	-0.105	0.004	-0.133	-0.087	0.046	-0.154			0.7000
0.7100														-0.108		0.7100
0.8000		-0.072		-0.113	-0.091	0.022	-0.126	-0.089	0.036	-0.152	-0.077	0.075	-0.158			0.8000
0.8100														-0.116		0.8100
0.9000	-0.121	-0.073	0.048	-0.136			-0.163	-0.076	0.087	-0.160	-0.086	0.074	-0.158			0.9000
1.0000	-0.136	-0.095	0.041	-0.170	-0.035	0.135	-0.222	-0.065	0.156	-0.157	-0.114	0.043	-0.154	-0.173	-0.014	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(h) BVC $\delta = 9.7°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.305 α =-00.10															
0.0000	0.001	0.033	0.032	0.038	-0.090	-0.128	0.001	-0.145	-0.147	0.035	-0.157	-0.192	-0.105	-0.204		0.0000
0.0125	0.003	0.005	0.002	0.003	-0.084	-0.088	-0.022	-0.121	-0.099	-0.027	-0.133	-0.106		-0.156		0.0125
0.0250	0.005	-0.009	-0.015	-0.020	-0.076	-0.056	-0.042	-0.102	-0.060	-0.070	-0.114	-0.045	-0.106	-0.125	-0.020	0.0250
0.0500	0.013	0.003	-0.010	-0.035	-0.056	-0.022	-0.069	-0.078	-0.010	-0.095	-0.097	-0.002	-0.106	-0.120	-0.013	0.0500
0.0750	0.003	-0.025	-0.027	-0.058	-0.054	0.004	-0.082	-0.074	0.008	-0.111	-0.098	0.013	-0.107	-0.119	-0.012	0.0750
0.1000	-0.010	-0.040	-0.030	-0.068	-0.059	0.009	-0.079	-0.073	0.005	-0.118	-0.108	0.010	-0.104	-0.124	-0.020	0.1000
0.1500	-0.016	-0.027	-0.011	-0.062	-0.072	-0.009	-0.085	-0.087	-0.002	-0.106	-0.097	0.009	-0.096	-0.118	-0.021	0.1500
0.2000	-0.038	-0.044	-0.005	-0.066	-0.084	-0.018	-0.093	-0.097	-0.004	-0.098	-0.094	0.004	-0.095	-0.112	-0.017	0.2000
0.3000	-0.079	-0.082	-0.003	-0.085	-0.090	-0.005	-0.086	-0.094	-0.008	-0.092	-0.084	0.009	-0.096	-0.110	-0.014	0.3000
0.4000	-0.094	-0.032	0.062	-0.090	-0.093	-0.003	-0.086	-0.093	-0.007	-0.096	-0.084	0.012	-0.109	-0.110	-0.001	0.4000
0.5000	-0.074	-0.064	0.010	-0.088	-0.088	0.001	-0.090	-0.095	-0.005	-0.101	-0.087	0.014	-0.124	-0.107	0.017	0.5000
0.6000	-0.077	-0.078	-0.001	-0.091	-0.093	-0.003	-0.099			-0.111	-0.088	0.023	-0.132	-0.107	0.025	0.6000
0.6170								-0.099								0.6170
0.7000	-0.088	-0.093	-0.005	-0.098	-0.101	-0.003	-0.104	-0.097	0.006	-0.125	-0.083	0.042	-0.146			0.7000
0.7100														-0.102		0.7100
0.8000		-0.072		-0.108	-0.087	0.021	-0.114	-0.080	0.034	-0.140	-0.068	0.072	-0.149			0.8000
0.8100														-0.109		0.8100
0.9000	-0.118	-0.077	0.042	-0.131			-0.150	-0.068	0.082	-0.145	-0.080	0.065	-0.154			0.9000
1.0000	-0.138	-0.107	0.031	-0.168	0.009	0.177	-0.212	-0.062	0.150	-0.140	-0.120	0.020	-0.161	-0.151	0.003	1.0000
	M = 1.304 α = 04.03															
0.0000	0.006	0.017	0.011	0.027	-0.074	-0.101	-0.008	-0.131	-0.123	0.017	-0.142	-0.158	-0.078	-0.175		0.0000
0.0125	0.010	0.003	-0.007	0.004	-0.072	-0.077	-0.027	-0.106	-0.079	-0.036	-0.122	-0.086		-0.132		0.0125
0.0250	0.012	-0.005	-0.017	-0.011	-0.067	-0.056	-0.043	-0.088	-0.045	-0.071	-0.107	-0.035	-0.084	-0.105	-0.021	0.0250
0.0500	0.011	0.000	-0.011	-0.022	-0.045	-0.023	-0.062	-0.068	-0.007	-0.088	-0.091	-0.003	-0.087	-0.098	-0.011	0.0500
0.0750	0.003	-0.019	-0.021	-0.052	-0.046	0.006	-0.071	-0.066	0.004	-0.093	-0.088	0.005	-0.088	-0.097	-0.008	0.0750
0.1000	-0.007	-0.029	-0.023	-0.061	-0.051	0.010	-0.074	-0.067	0.006	-0.091	-0.094	-0.003	-0.085	-0.101	-0.016	0.1000
0.1500	-0.016	-0.022	-0.006	-0.066	-0.068	-0.002	-0.079	-0.079		-0.083	-0.085	-0.002	-0.078	-0.100	-0.021	0.1500
0.2000	-0.028	-0.031	-0.003	-0.068	-0.077	-0.009	-0.074	-0.084	-0.010	-0.080	-0.083	-0.003	-0.075	-0.099	-0.024	0.2000
0.3000	-0.057	-0.071	-0.014	-0.074	-0.082	-0.008	-0.072	-0.081	-0.009	-0.081	-0.085	-0.003	-0.083	-0.095	-0.012	0.3000
0.4000	-0.080	-0.039	0.040	-0.073	-0.080	-0.007	-0.081	-0.084	-0.003	-0.088	-0.080	0.009	-0.097	-0.093	0.004	0.4000
0.5000	-0.068	-0.058	0.010	-0.084	-0.079	0.004	-0.089	-0.090		-0.089	-0.081	0.008	-0.108	-0.094	0.014	0.5000
0.6000	-0.074	-0.078	-0.004	-0.091	-0.092	-0.001	-0.091			-0.093	-0.080	0.013	-0.116	-0.095	0.021	0.6000
0.6170								-0.090								0.6170
0.7000	-0.086	-0.094	-0.008	-0.093	-0.093		-0.089	-0.088	0.002	-0.103	-0.074	0.030	-0.132			0.7000
0.7100														-0.092		0.7100
0.8000		-0.068		-0.095	-0.078	0.018	-0.101	-0.069	0.032	-0.121	-0.063	0.058	-0.139			0.8000
0.8100														-0.102		0.8100
0.9000	-0.114	-0.070	0.044	-0.123			-0.139	-0.060	0.079	-0.135	-0.077	0.058	-0.146			0.9000
1.0000	-0.129	-0.101	0.028	-0.177	0.005	0.182	-0.203	-0.061	0.142	-0.143	-0.114	0.029	-0.153	-0.154	-0.009	1.0000
	M = 1.305 α = 07.91															
0.0000	-0.016	-0.013	0.003	0.020	-0.096	-0.115	-0.008	-0.130	-0.122	0.014	-0.131	-0.145	-0.087	-0.166		0.0000
0.0125	-0.013	-0.023	-0.010	-0.006	-0.091	-0.084	-0.028	-0.110	-0.082	-0.039	-0.114	-0.075		-0.128		0.0125
0.0250	-0.011	-0.027	-0.017	-0.025	-0.084	-0.058	-0.043	-0.093	-0.050	-0.074	-0.101	-0.027	-0.085	-0.105	-0.020	0.0250
0.0500	-0.008	-0.019	-0.011	-0.042	-0.062	-0.021	-0.062	-0.072	-0.010	-0.090	-0.089	0.001	-0.085	-0.098	-0.014	0.0500
0.0750	-0.013	-0.039	-0.026	-0.074	-0.065	0.009	-0.071	-0.068	0.003	-0.099	-0.089	0.010	-0.085	-0.097	-0.012	0.0750
0.1000	-0.022	-0.048	-0.026	-0.081	-0.069	0.012	-0.074	-0.068	0.006	-0.103	-0.098	0.004	-0.083	-0.102	-0.019	0.1000
0.1500	-0.029	-0.041	-0.012	-0.079	-0.080	-0.002	-0.079	-0.078	0.001	-0.097	-0.092	0.005	-0.079	-0.103	-0.024	0.1500
0.2000	-0.046	-0.050	-0.004	-0.085	-0.100	-0.015	-0.080	-0.085	-0.005	-0.095	-0.092	0.003	-0.079	-0.103	-0.024	0.2000
0.3000	-0.073	-0.088	-0.015	-0.086	-0.094	-0.008	-0.091	-0.091	0.001	-0.087	-0.091	-0.005	-0.091	-0.102	-0.011	0.3000
0.4000	-0.097	-0.053	0.044	-0.090	-0.096	-0.006	-0.105	-0.106	-0.001	-0.090	-0.086	0.004	-0.106	-0.100	0.006	0.4000
0.5000	-0.081	-0.072	0.008	-0.106	-0.099	0.007	-0.100	-0.101	-0.002	-0.090	-0.085	0.005	-0.112	-0.098	0.014	0.5000
0.6000	-0.081	-0.086	-0.005	-0.109	-0.110	-0.001	-0.100			-0.097	-0.081	0.016	-0.113	-0.093	0.020	0.6000
0.6170								-0.100								0.6170
0.7000	-0.096	-0.103	-0.007	-0.104	-0.103	0.001	-0.100	-0.099	0.001	-0.103	-0.075	0.028	-0.118			0.7000
0.7100														-0.088		0.7100
0.8000		-0.073		-0.106	-0.089	0.017	-0.101	-0.076	0.025	-0.115	-0.062	0.053	-0.116			0.8000
0.8100														-0.091		0.8100
0.9000	-0.118	-0.070	0.048	-0.123			-0.124	-0.060	0.064	-0.119	-0.067	0.052	-0.128			0.9000
1.0000	-0.126	-0.094	0.033	-0.153	-0.045	0.108	-0.168	-0.051	0.116	-0.117	-0.091	0.025	-0.155	-0.115	0.013	1.0000

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TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(h) BVC $\delta = 9.7°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.303 α = 11.89															
0.0000	0.008	-0.010	-0.018	0.009	-0.111	-0.120	-0.017	-0.164	-0.148	0.015	-0.160	-0.175	-0.102	-0.182		0.0000
0.0125	0.009	-0.018	-0.027	-0.020	-0.113	-0.093	-0.040	-0.140	-0.100	-0.045	-0.140	-0.095		-0.142		0.0125
0.0250	0.009	-0.022	-0.031	-0.041	-0.110	-0.068	-0.060	-0.121	-0.060	-0.085	-0.125	-0.040	-0.099	-0.117	-0.017	0.0250
0.0500	0.003	-0.022	-0.024	-0.062	-0.088	-0.026	-0.089	-0.096	-0.007	-0.109	-0.110	-0.001	-0.099	-0.111	-0.012	0.0500
0.0750	-0.009	-0.036	-0.027	-0.092	-0.091	0.001	-0.102	-0.091	0.011	-0.125	-0.111	0.014	-0.100	-0.110	-0.010	0.0750
0.1000	-0.022	-0.044	-0.022	-0.101	-0.093	0.008	-0.101	-0.090	0.011	-0.129	-0.120	0.009	-0.097	-0.114	-0.016	0.1000
0.1500	-0.036	-0.048	-0.012	-0.094	-0.101	-0.007	-0.097	-0.100	-0.003	-0.122	-0.107	0.015	-0.093	-0.113	-0.020	0.1500
0.2000	-0.055	-0.058	-0.003	-0.092	-0.108	-0.016	-0.101	-0.112	-0.011	-0.118	-0.107	0.011	-0.093	-0.110	-0.018	0.2000
0.3000	-0.076	-0.086	-0.010	-0.090	-0.095	-0.005	-0.123	-0.124	-0.001	-0.117	-0.101	0.016	-0.095	-0.106	-0.011	0.3000
0.4000	-0.081	-0.058	0.023	-0.091	-0.095	-0.004	-0.128	-0.129	-0.001	-0.113	-0.092	0.021	-0.097	-0.100	-0.003	0.4000
0.5000	-0.068	-0.067	0.001	-0.104	-0.099	0.005	-0.119	-0.124	-0.005	-0.102	-0.089	0.012	-0.112	-0.096	0.015	0.5000
0.6000	-0.070	-0.075	-0.005	-0.105	-0.105	0.000	-0.108			-0.106	-0.083	0.023	-0.122	-0.099	0.023	0.6000
0.6170								-0.112								0.6170
0.7000	-0.080	-0.090	-0.010	-0.102	-0.111	-0.009	-0.105	-0.100	0.004	-0.129	-0.085	0.044	-0.138			0.7000
0.7100														-0.096		0.7100
0.8000		-0.070		-0.097	-0.084	0.013	-0.115	-0.088	0.026	-0.154	-0.081	0.073	-0.140			0.8000
0.8100														-0.102		0.8100
0.9000	-0.115	-0.069	0.047	-0.116			-0.138	-0.080	0.057	-0.151	-0.089	0.062	-0.106			0.9000
1.0000	-0.140	-0.085	0.055	-0.158	0.066	0.224	-0.174	-0.076	0.098	-0.121	-0.111	0.010	-0.038	-0.137	-0.031	1.0000
	M = 1.302 α = 15.87															
0.0000	0.020	-0.029	-0.050	0.035	-0.120	-0.155	0.002	-0.188	-0.190	0.022	-0.226	-0.249	-0.138	-0.228		0.0000
0.0125	0.022	-0.029	-0.051	0.006	-0.111	-0.117	-0.024	-0.165	-0.142	-0.057	-0.210	-0.154		-0.198		0.0125
0.0250	0.020	-0.029	-0.049	-0.014	-0.101	-0.087	-0.044	-0.146	-0.102	-0.110	-0.197	-0.087	-0.157	-0.179	-0.022	0.0250
0.0500	0.008	-0.073	-0.032	-0.027	-0.076	-0.049	-0.068	-0.115	-0.047	-0.138	-0.178	-0.040	-0.169	-0.176	-0.006	0.0500
0.0750	-0.009	-0.035	-0.026	-0.057	-0.073	-0.016	-0.082	-0.105	-0.023	-0.156	-0.168	-0.013	-0.175	-0.173	0.002	0.0750
0.1000	-0.016	-0.040	-0.024	-0.066	-0.072	-0.006	-0.084	-0.100	-0.016	-0.163	-0.173	-0.010	-0.176	-0.187	-0.010	0.1000
0.1500	-0.025	-0.041	-0.016	-0.062	-0.077	-0.015	-0.079	-0.105	-0.026	-0.159	-0.158	0.001	-0.174	-0.194	-0.020	0.1500
0.2000	-0.034	-0.044	-0.009	-0.064	-0.080	-0.017	-0.084	-0.106	-0.021	-0.157	-0.161	-0.005	-0.170	-0.198	-0.028	0.2000
0.3000	-0.057	-0.064	-0.007	-0.068	-0.072	-0.004	-0.101	-0.119	-0.018	-0.148	-0.160	-0.012	-0.161	-0.198	-0.037	0.3000
0.4000	-0.080	-0.053	0.027	-0.072	-0.085	-0.013	-0.105	-0.124	-0.019	-0.145	-0.146	-0.001	-0.136	-0.187	-0.051	0.4000
0.5000	-0.073	-0.071	0.003	-0.076	-0.090	-0.014	-0.098	-0.122	-0.024	-0.132	-0.132	0.001	-0.124	-0.155	-0.030	0.5000
0.6000	-0.081	-0.089	-0.008	-0.081	-0.092	-0.011	-0.089			-0.128	-0.119	0.008	-0.121	-0.103	0.018	0.6000
0.6170								-0.106								0.6170
0.7000	-0.084	-0.098	-0.014	-0.074	-0.089	-0.015	-0.080	-0.093	-0.013	-0.120	-0.108	0.012	-0.119			0.7000
0.7100														-0.073		0.7100
0.8000		-0.081		-0.070	-0.071	-0.001	-0.081	-0.062	0.019	-0.099	-0.058	0.041	-0.109			0.8000
0.8100														-0.061		0.8100
0.9000	-0.115	-0.081	0.035	-0.098			-0.117	-0.030	0.087	-0.094	-0.009	0.085	-0.098			0.9000
1.0000	-0.143	-0.097	0.046	-0.157	0.010	0.167	-0.190	0.002	0.192	-0.106	0.039	0.145	-0.087	-0.077	0.021	1.0000
	M = 1.502 α = 03.83															
0.0000	0.003	0.032	0.029	0.058	-0.056	-0.114	0.026	-0.103	-0.129	0.043	-0.099	-0.142	-0.057	-0.118		0.0000
0.0125	0.008	0.012	0.004	0.030	-0.058	-0.088	0.006	-0.084	-0.090	-0.010	-0.085	-0.075		-0.084		0.0125
0.0250	0.011	0.001	-0.010	0.009	-0.058	-0.067	-0.012	-0.068	-0.056	-0.046	-0.074	-0.028	-0.063	-0.064	-0.001	0.0250
0.0500	0.013	0.008	-0.005	-0.011	-0.049	-0.038	-0.040	-0.046	-0.006	-0.067	-0.060	0.007	-0.067	-0.065	0.002	0.0500
0.0750	0.008	-0.010	-0.018	-0.045	-0.037	0.008	-0.059	-0.042	0.017	-0.077	-0.059	0.018	-0.067	-0.069	-0.002	0.0750
0.1000	0.000	-0.023	-0.023	-0.049	-0.037	0.012	-0.061	-0.040	0.021	-0.081	-0.068	0.013	-0.066	-0.079	-0.013	0.1000
0.1500	-0.004	-0.015	-0.011	-0.047	-0.044	0.003	-0.057	-0.046	0.011	-0.076	-0.058	0.018	-0.065	-0.081	-0.016	0.1500
0.2000	-0.020	-0.025	-0.004	-0.045	-0.052	-0.007	-0.057	-0.056	0.002	-0.074	-0.061	0.013	-0.063	-0.081	-0.018	0.2000
0.3000	-0.058	-0.050	0.008	-0.067	-0.061	0.006	-0.071	-0.072	-0.001	-0.073	-0.058	0.015	-0.064	-0.077	-0.013	0.3000
0.4000	-0.071	-0.014	0.057	-0.074	-0.061	0.012	-0.072	-0.065	0.007	-0.067	-0.048	0.018	-0.073	-0.072	0.001	0.4000
0.5000	-0.057	-0.044	0.013	-0.070	-0.059	0.011	-0.071	-0.070	0.002	-0.067	-0.054	0.013	-0.085	-0.072	0.013	0.5000
0.6000	-0.060	-0.054	0.006	-0.071	-0.066	0.005	-0.074			-0.071	-0.058	0.013	-0.090	-0.076	0.014	0.6000
0.6170								-0.076								0.6170
0.7000	-0.075	-0.075	0.000	-0.074	-0.078	-0.004	-0.076	-0.081	-0.005	-0.082	-0.055	0.027	-0.099			0.7000
0.7100														-0.075		0.7100
0.8000		-0.060		-0.078	-0.074	0.004	-0.085	-0.065	0.021	-0.097	-0.045	0.053	-0.101			0.8000
0.8100														-0.080		0.8100
0.9000	-0.085	-0.059	0.026	-0.096			-0.107	-0.048	0.059	-0.093	-0.052	0.041	-0.105			0.9000
1.0000	-0.080	-0.070	0.011	-0.128	-0.018	0.110	-0.140	-0.030	0.110	-0.070	-0.077	-0.007	-0.111	-0.111	-0.006	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(h) BVC $\delta = 9.7°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.697		α = 03.78							
0.0000	-0.023	0.020	0.043	0.033	-0.006	-0.039	0.036	-0.065	-0.101	0.069	-0.054	-0.124	-0.018	-0.071		0.0000
0.0125	-0.016	0.004	0.020	0.017	-0.025	-0.042	0.015	-0.056	-0.072	0.017	-0.055	-0.072		-0.049		0.0125
0.0250	-0.012	-0.005	0.007	0.005	-0.037	-0.042	-0.003	-0.048	-0.045	-0.019	-0.053	-0.034	-0.038	-0.036	0.002	0.0250
0.0500	-0.010	-0.003	0.006	-0.006	-0.042	-0.035	-0.033	-0.035	-0.002	-0.042	-0.041	0.000	-0.051	-0.036	0.015	0.0500
0.0750	-0.010	-0.015	-0.006	-0.046	-0.035	0.011	-0.055	-0.033	0.022	-0.059	-0.039	0.020	-0.056	-0.041	0.016	0.0750
0.1000	-0.017	-0.028	-0.011	-0.058	-0.038	0.020	-0.061	-0.031	0.030	-0.068	-0.045	0.023	-0.060	-0.051	0.009	0.1000
0.1500	-0.022	-0.020	0.002	-0.063	-0.046	0.017	-0.057	-0.039	0.018	-0.068	-0.039	0.029	-0.063	-0.061	0.001	0.1500
0.2000	-0.037	-0.030	0.007	-0.057	-0.055	0.002	-0.056	-0.046	0.010	-0.063	-0.044	0.019	-0.061	-0.066	-0.005	0.2000
0.3000	-0.079	-0.054	0.025	-0.058	-0.066	-0.008	-0.056	-0.061	-0.005	-0.060	-0.050	0.010	-0.066	-0.071	-0.005	0.3000
0.4000	-0.072	-0.026	0.046	-0.067	-0.067	0.000	-0.066	-0.064	0.001	-0.063	-0.047	0.016	-0.073	-0.073	0.000	0.4000
0.5000	-0.059	-0.055	0.004	-0.074	-0.064	0.010	-0.067	-0.065	0.001	-0.069	-0.052	0.017	-0.080	-0.072	0.008	0.5000
0.6000	-0.061	-0.043	-0.002	-0.071	-0.065	0.006	-0.069			-0.073	-0.053	0.020	-0.089	-0.073	0.016	0.6000
0.6170								-0.068								0.6170
0.7000	-0.072	-0.071	0.000	-0.070	-0.070	0.000	-0.069	-0.066	0.003	-0.081	-0.052	0.029	-0.099			0.7000
0.7100														-0.071		0.7100
0.8000		-0.067		-0.070	-0.064	0.006	-0.075	-0.057	0.018	-0.091	-0.046	0.046	-0.100			0.8000
0.8100														-0.072		0.8100
0.9000	-0.083	-0.067	0.016	-0.085			-0.096	-0.048	0.047	-0.091	-0.051	0.041	-0.099			0.9000
1.0000	-0.084	-0.070	0.014	-0.116	-0.022	0.094	-0.132	-0.040	0.092	-0.081	-0.067	0.014	-0.096	-0.087	0.012	1.0000
							M = 1.904		α = 03.98							
0.0000	-0.013	0.030	0.043	0.061	0.047	-0.014	0.061	-0.012	-0.073	0.102	0.006	-0.095	0.030	-0.028		0.0000
0.0125	-0.008	0.017	0.025	0.043	0.009	-0.035	0.043	-0.019	-0.062	0.051	-0.012	-0.063		-0.014		0.0125
0.0250	-0.004	0.009	0.013	0.032	-0.015	-0.047	0.026	-0.021	-0.048	0.016	-0.022	-0.038		-0.006	-0.006	0.0250
0.0500	-0.001	0.008	0.009	0.025	-0.018	-0.042	-0.005	-0.015	-0.010	-0.007	-0.015	-0.008	-0.018	-0.013	0.006	0.0500
0.0750	0.002	-0.001	-0.002	-0.023	-0.017	0.006	-0.027	-0.015	0.013	-0.027	-0.016	0.010	-0.024	-0.017	0.007	0.0750
0.1000	-0.004	-0.012	-0.009	-0.036	-0.023	0.014	-0.037	-0.016	0.021	-0.038	-0.025	0.013	-0.030	-0.027	0.003	0.1000
0.1500	-0.013	-0.014	-0.001	-0.045	-0.031	0.015	-0.043	-0.026	0.017	-0.048	-0.026	0.022	-0.039	-0.038	0.001	0.1500
0.2000	-0.029	-0.023	0.005	-0.046	-0.037	0.008	-0.046	-0.033	0.013	-0.049	-0.034	0.016	-0.044	-0.043	0.001	0.2000
0.3000	-0.061	-0.041	0.020	-0.047	-0.048	-0.001	-0.049	-0.049		-0.051	-0.043	0.008	-0.051	-0.051		0.3000
0.4000	-0.053	-0.021	0.032	-0.057	-0.058	-0.001	-0.053	-0.058	-0.004	-0.058	-0.044	0.014	-0.059	-0.054	0.005	0.4000
0.5000	-0.047	-0.052	-0.005	-0.062	-0.059	0.003	-0.058	-0.063	-0.005	-0.060	-0.054	0.006	-0.065	-0.055	0.010	0.5000
0.6000	-0.048	-0.055	-0.006	-0.059	-0.064	-0.005	-0.059			-0.066	-0.055	0.011	-0.071	-0.059	0.013	0.6000
0.6170								-0.064								0.6170
0.7000	-0.056	-0.057	-0.001	-0.057	-0.062	-0.005	-0.061	-0.061	0.000	-0.073	-0.053	0.020	-0.079			0.7000
0.7100														-0.059		0.7100
0.8000		-0.055		-0.062	-0.054	0.008	-0.066	-0.054	0.012	-0.083	-0.047	0.036	-0.083			0.8000
0.8100														-0.063		0.8100
0.9000	-0.073	-0.054	0.019	-0.077			-0.085	-0.043	0.043	-0.084	-0.049	0.035	-0.081			0.9000
1.0000	-0.083	-0.056	0.027	-0.104	-0.022	0.082	-0.120	-0.027	0.093	-0.077	-0.061	0.017	-0.075	-0.083	-0.002	1.0000
							M = 2.228		α = -03.88							
0.0000	0.016	0.023	0.007	0.129	0.137	0.008	0.141	0.085	-0.055	0.200	0.139	-0.061	0.130	0.094		0.0000
0.0125	0.007	0.020	0.013	0.102	0.078	-0.024	0.119	0.063	-0.056	0.139	0.089	-0.050		0.089		0.0125
0.0250	0.001	0.016	0.016	0.085	0.045	-0.040	0.098	0.047	-0.051	0.096	0.057	-0.040	0.091	0.082	-0.009	0.0250
0.0500	-0.003	0.007	0.011	0.079	0.055	-0.023	0.059	0.037	-0.022	0.069	0.048	-0.020	0.067	0.068	0.001	0.0500
0.0750	0.001	0.008	0.007	0.016	0.012	-0.004	0.029	0.028	-0.001	0.045	0.042	-0.003	0.057	0.059	0.002	0.0750
0.1000	0.011	0.001	-0.010	-0.002		0.002	0.015	0.022	0.007	0.026	0.029	0.003	0.046	0.044	-0.001	0.1000
0.1500	-0.008	-0.014	-0.007	-0.024	-0.010	0.014	-0.002	0.005	0.007	0.009	0.016	0.007	0.029	0.023	-0.006	0.1500
0.2000	-0.014	-0.012	0.001	-0.028	-0.027	0.001	-0.014	-0.008	0.006	-0.001	0.003	0.005	0.018	0.015	-0.003	0.2000
0.3000	-0.031	-0.021	0.010	-0.033	-0.039	-0.006	-0.030	-0.030	-0.001	-0.013	-0.013	0.000	-0.001	-0.002	-0.001	0.3000
0.4000	-0.027	-0.015	0.012	-0.040	-0.044	-0.004	-0.043	-0.041	0.001	-0.028	-0.016	0.012	-0.014	-0.010	0.004	0.4000
0.5000	-0.038	-0.042	-0.004	-0.048	-0.046	0.002	-0.049	-0.049	0.000	-0.036	-0.031	0.005	-0.025	-0.016	0.009	0.5000
0.6000	-0.033	-0.031	0.002	-0.054	-0.048	0.006	-0.054			-0.047	-0.037	0.010	-0.035	-0.022	0.013	0.6000
0.6170								-0.053								0.6170
0.7000	-0.040	-0.024	0.016	-0.057	-0.047	0.011	-0.058	-0.055	0.003	-0.057	-0.044	0.013	-0.043			0.7000
0.7100														-0.024		0.7100
0.8000		-0.052		-0.054	-0.045	0.009	-0.059	-0.053	0.007	-0.068	-0.044	0.024	-0.054			0.8000
0.8100														-0.031		0.8100
0.9000	-0.066	-0.056	0.010	-0.062			-0.073	-0.043	0.031	-0.071	-0.048	0.023	-0.051			0.9000
1.0000	-0.084	-0.034	0.050	-0.082	-0.041	0.041	-0.099	-0.025	0.075	-0.068	-0.057	0.011	-0.034	-0.059	-0.007	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(h) BVC $\delta = 9.7°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 2.224		α = 00.25							
0.0000	0.007	0.024	0.017	0.109	0.115	0.006	0.113	0.059	-0.055	0.157	0.098	-0.059	0.091	0.058		0.0000
0.0125	0.002	0.020	0.018	0.084	0.061	-0.022	0.094	0.042	-0.051	0.106	0.058	-0.048		0.056		0.0125
0.0250	-0.001	0.016	0.017	0.068	0.030	-0.038	0.075	0.031	-0.044	0.071	0.033	-0.038	0.064	0.053	-0.011	0.0250
0.0500	0.003	0.007	0.004	0.066	0.033	-0.033	0.042	0.023	-0.019	0.047	0.029	-0.018	0.046	0.046	0.001	0.0500
0.0750	0.008	0.005	-0.002	0.007	0.003	-0.004	0.016	0.019	0.002	0.026	0.024	-0.002	0.036	0.039	0.003	0.0750
0.1000	0.006	-0.002	-0.008	-0.009	-0.005	0.004	0.003	0.013	0.010	0.011	0.015	0.004	0.028	0.026	-0.001	0.1000
0.1500	-0.006	-0.011	-0.005	-0.026	-0.015	0.011	-0.011	-0.002	0.009	-0.003	0.007	0.010	0.013	0.009	-0.004	0.1500
0.2000	-0.012	-0.011	0.001	-0.029	-0.027	0.003	-0.020	-0.013	0.007	-0.012	-0.003	0.009	0.004	0.002	-0.002	0.2000
0.3000	-0.034	-0.020	0.013	-0.035	-0.037	-0.002	-0.033	-0.031	0.001	-0.022	-0.018	0.004	-0.011	-0.012	-0.001	0.3000
0.4000	-0.025	-0.007	0.017	-0.040	-0.042	-0.002	-0.042	-0.041	0.001	-0.034	-0.018	0.016	-0.024	-0.019	0.005	0.4000
0.5000	-0.034	-0.040	-0.005	-0.048	-0.046	0.003	-0.047	-0.046	0.001	-0.041	-0.033	0.008	-0.034	-0.023	0.011	0.5000
0.6000	-0.025	-0.027	-0.002	-0.051	-0.044	0.007	-0.049			-0.049	-0.037	0.011	-0.043	-0.030	0.013	0.6000
0.6170								-0.049								0.6170
0.7000	-0.040	-0.021	0.020	-0.049	-0.046	0.003	-0.051	-0.051	0.000	-0.057	-0.042	0.015	-0.051			0.7000
0.7100														-0.032		0.7100
0.8000		-0.055		-0.048	-0.040	0.009	-0.055	-0.045	0.010	-0.066	-0.041	0.025	-0.060			0.8000
0.8100														-0.039		0.8100
0.9000	-0.060	-0.053	0.008	-0.058			-0.067	-0.032	0.035	-0.067	-0.042	0.025	-0.058			0.9000
1.0000	-0.065	-0.015	0.050	-0.077	-0.002	0.076	-0.087	-0.013	0.074	-0.059	-0.043	0.016	-0.044	-0.062	-0.005	1.0000
							M = 2.231		α = 04.18							
0.0000	-0.005	0.017	0.022	0.095	0.087	-0.008	0.087	0.037	-0.049	0.116	0.057	-0.059	0.066	0.031		0.0000
0.0125	-0.004	0.011	0.015	0.068	0.044	-0.024	0.069	0.023	-0.047	0.075	0.030	-0.045		0.032		0.0125
0.0250	-0.002	0.007	0.010	0.053	0.018	-0.034	0.053	0.013	-0.040	0.046	0.014	-0.032	0.038	0.031	-0.007	0.0250
0.0500	0.001	0.006	0.004	0.056	0.018	-0.039	0.024	0.010	-0.014	0.024	0.012	-0.012	0.020	0.022	0.002	0.0500
0.0750	0.005	0.002	-0.003	-0.001	-0.006	-0.005	0.001	0.005	0.004	0.007	0.009	0.002	0.013	0.018	0.005	0.0750
0.1000	0.003	-0.004	-0.007	-0.016	-0.012	0.004	-0.009	0.000	0.010	-0.006		0.006	0.006	0.005	-0.002	0.1000
0.1500	-0.005	-0.009	-0.004	-0.030	-0.020	0.009	-0.020	-0.012	0.009	-0.017	-0.004	0.013	-0.005	-0.007	-0.002	0.1500
0.2000	-0.013	-0.012	0.001	-0.033	-0.028	0.005	-0.027	-0.021	0.007	-0.024	-0.014	0.010	-0.013	-0.012	0.001	0.2000
0.3000	-0.039	-0.024	0.015	-0.037	-0.039	-0.002	-0.037	-0.036	0.001	-0.030	-0.026	0.005	-0.023	-0.025	-0.001	0.3000
0.4000	-0.030	-0.005	0.025	-0.041	-0.044	-0.003	-0.043	-0.042	0.000	-0.040	-0.023	0.016	-0.032	-0.030	0.002	0.4000
0.5000	-0.035	-0.034	0.001	-0.049	-0.045	0.004	-0.046	-0.047	-0.001	-0.043	-0.035	0.009	-0.042	-0.032	0.009	0.5000
0.6000	-0.020	-0.026	-0.006	-0.051	-0.044	0.007	-0.048			-0.049	-0.038	0.011	-0.048	-0.037	0.011	0.6000
0.6170								-0.048								0.6170
0.7000	-0.043	-0.016	0.027	-0.047	-0.045	0.002	-0.050	-0.048	0.002	-0.056	-0.040	0.016	-0.056			0.7000
0.7100														-0.038		0.7100
0.8000		-0.059		-0.046	-0.037	0.009	-0.051	-0.040	0.011	-0.063	-0.037	0.026	-0.062			0.8000
0.8100														-0.043		0.8100
0.9000	-0.060	-0.054	0.006	-0.061			-0.064	-0.030	0.034	-0.064	-0.037	0.027	-0.059			0.9000
1.0000	-0.054	0.000	0.055	-0.092	0.005	0.097	-0.087	-0.018	0.069	-0.058	-0.041	0.017	-0.047	-0.058	0.001	1.0000
							M = 2.224		α = 08.21							
0.0000	-0.012	-0.004	0.008	0.076	0.080	0.003	0.083	0.027	-0.056	0.113	0.044	-0.068	0.051	0.015		0.0000
0.0125	-0.015	-0.005	0.010	0.050	0.031	-0.019	0.064	0.017	-0.047	0.068	0.022	-0.046		0.020		0.0125
0.0250	-0.016	-0.006	0.009	0.035	0.001	-0.034	0.046	0.009	-0.037	0.038	0.009	-0.029	0.026	0.022	-0.004	0.0250
0.0500	-0.011	-0.010	0.001	0.042	-0.001	-0.043	0.017	0.004	-0.013	0.020	0.008	-0.012	0.010	0.014	0.004	0.0500
0.0750	-0.008	-0.012	-0.004	-0.016	-0.019	-0.003	-0.005	-0.002	0.003	0.003	0.006	0.002	0.004	0.010	0.006	0.0750
0.1000	-0.008	-0.019	-0.011	-0.029	-0.023	0.007	-0.016	-0.006	0.010	-0.010	-0.003	0.007	-0.003		0.002	0.1000
0.1500	-0.020	-0.026	-0.006	-0.040	-0.032	0.008	-0.026	-0.017	0.009	-0.021	-0.007	0.014	-0.011	-0.012	-0.001	0.1500
0.2000	-0.027	-0.028	-0.001	-0.041	-0.042	-0.001	-0.034	-0.027	0.008	-0.025	-0.016	0.009	-0.017	-0.016	0.000	0.2000
0.3000	-0.046	-0.034	0.012	-0.043	-0.049	-0.006	-0.041	-0.042		-0.032	-0.027	0.005	-0.026	-0.025	0.001	0.3000
0.4000	-0.038	-0.019	0.018	-0.048	-0.054	-0.005	-0.048	-0.049	-0.002	-0.039	-0.024	0.015	-0.035	-0.029	0.005	0.4000
0.5000	-0.045	-0.045	-0.001	-0.055	-0.055	0.000	-0.052	-0.052		-0.043	-0.037	0.006	-0.042	-0.032	0.009	0.5000
0.6000	-0.032	-0.035	-0.002	-0.058	-0.053	0.005	-0.056			-0.048	-0.040	0.008	-0.047	-0.036	0.011	0.6000
0.6170								-0.056								0.6170
0.7000	-0.050	-0.024	0.026	-0.052	-0.051	0.001	-0.057	-0.057	0.001	-0.056	-0.041	0.015	-0.053			0.7000
0.7100														-0.037		0.7100
0.8000		-0.066		-0.053	-0.044	0.009	-0.061	-0.052	0.009	-0.064	-0.040	0.024	-0.058			0.8000
0.8100														-0.043		0.8100
0.9000	-0.064	-0.058	0.006	-0.065			-0.073	-0.040	0.033	-0.065	-0.043	0.022	-0.056			0.9000
1.0000	-0.060	-0.001	0.058	-0.090	-0.009	0.080	-0.092	-0.019	0.073	-0.057	-0.049	0.008	-0.048	-0.063	-0.006	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued
(h) BVC $\delta = 9.7°$ - Concluded

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 2.236 α = 12.24															
0.0000	-0.023	-0.022	0.001	0.060	0.065	0.005	0.078	0.036	-0.042	0.126	0.066	-0.060	0.058	0.020		0.0000
0.0125	-0.031	-0.019	0.012	0.033	0.018	-0.016	0.060	0.018	-0.042	0.081	0.035	-0.047		0.027		0.0125
0.0250	-0.035	-0.019	0.017	0.019	-0.011	-0.030	0.043	0.006	-0.037	0.050	0.015	-0.035	0.038	0.029	-0.009	0.0250
0.0500	-0.031	-0.027	0.004	0.027	-0.015	-0.042	0.012	-0.002	-0.014	0.029	0.012	-0.017	0.024	0.022	-0.002	0.0500
0.0750	-0.026	-0.027		-0.033	-0.029	0.004	-0.012	-0.008	0.005	0.010	0.007	-0.003	0.017	0.018	0.001	0.0750
0.1000	-0.026	-0.033	-0.008	-0.044	-0.033	0.011	-0.025	-0.016	0.009	-0.005	-0.002	0.002	0.011	0.008	-0.003	0.1000
0.1500	-0.037	-0.043	-0.005	-0.054	-0.042	0.012	-0.038	-0.028	0.010	-0.018	-0.002	0.016	0.002	-0.034	-0.036	0.1500
0.2000	-0.042	-0.042	0.000	-0.055	-0.050	0.005	-0.047	-0.038	0.010	-0.025	-0.011	0.014	-0.004	-0.008	-0.004	0.2000
0.3000	-0.058	-0.048	0.010	-0.057	-0.058	-0.001	-0.057	-0.055	0.002	-0.034	-0.026	0.008	-0.015	-0.020	-0.005	0.3000
0.4000	-0.050	-0.034	0.016	-0.057	-0.058	-0.001	-0.063	-0.061	0.002	-0.047	-0.026	0.020	-0.026	-0.025	0.000	0.4000
0.5000	-0.056	-0.063	-0.006	-0.062	-0.060	0.003	-0.065	-0.063	0.002	-0.055	-0.042	0.013	-0.033	-0.029	0.005	0.5000
0.6000	-0.058	-0.060	-0.002	-0.065	-0.059	0.006	-0.067			-0.063	-0.049	0.014	-0.036	-0.028	0.008	0.6000
0.6170								-0.066								0.6170
0.7000	-0.063	-0.058	0.005	-0.064	-0.063	0.001	-0.069	-0.068	0.001	-0.070	-0.052	0.018	-0.041			0.7000
0.7100														-0.024		0.7100
0.8000		-0.064		-0.064	-0.058	0.006	-0.072	-0.064	0.007	-0.074	-0.045	0.029	-0.049			0.8000
0.8100														-0.032		0.8100
0.9000	-0.078	-0.073	0.005	-0.070			-0.083	-0.052	0.031	-0.076	-0.050	0.026	-0.054			0.9000
1.0000	-0.089	-0.083	0.005	-0.083	-0.023	0.060	-0.103	-0.031	0.072	-0.076	-0.065	0.011	-0.057	-0.075	-0.021	1.0000
	M = 2.233 α = 16.22															
0.0000	-0.068	-0.046	0.022	0.021	0.070	0.050	0.091	0.031	-0.060	0.194	0.092	-0.102	0.086	0.031		0.0000
0.0125	-0.081	-0.054	0.027	-0.005	0.022	0.027	0.063	0.007	-0.057	0.130	0.040	-0.089		0.033		0.0125
0.0250	-0.087	-0.060	0.027	-0.017	-0.011	0.007	0.039	-0.011	-0.049	0.086	0.007	-0.078	0.062	0.032	-0.030	0.0250
0.0500	-0.077	-0.068	0.009	-0.005	-0.027	-0.022	-0.002	-0.025	-0.023	0.057	-0.006	-0.062	0.046	0.025	-0.021	0.0500
0.0750	-0.086	-0.069	0.017	-0.069	-0.048	0.021	-0.031	-0.034	-0.003	0.032	-0.013	-0.045	0.037	0.021	-0.016	0.0750
0.1000	-0.078	-0.073	0.006	-0.083	-0.060	0.023	-0.046	-0.043	0.004	0.013	-0.027	-0.041	0.031	0.010	-0.020	0.1000
0.1500	-0.093	-0.087	0.006	-0.103	-0.073	0.030	-0.064	-0.055	0.009	-0.005	-0.013	-0.008	0.022	0.003	-0.019	0.1500
0.2000	-0.096	-0.088	0.008	-0.110	-0.087	0.023	-0.076	-0.066	0.010	-0.015	-0.021	-0.005	0.017	0.002	-0.015	0.2000
0.3000	-0.107	-0.091	0.016	-0.118	-0.102	0.015	-0.094	-0.085	0.009	-0.026	-0.030	-0.004	0.013	0.003	-0.009	0.3000
0.4000	-0.100	-0.079	0.021	-0.121	-0.110	0.011	-0.111	-0.097	0.015	-0.035	-0.022	0.013	0.004	-0.002	-0.005	0.4000
0.5000	-0.103	-0.099	0.005	-0.126	-0.111	0.014	-0.120	-0.106	0.014	-0.046	-0.037	0.009	-0.012	-0.012	-0.001	0.5000
0.6000	-0.095	-0.093	0.002	-0.126	-0.113	0.013	-0.129			-0.067	-0.050	0.017	-0.029	-0.031	-0.001	0.6000
0.6170								-0.113								0.6170
0.7000	-0.097	-0.088	0.010	-0.125	-0.114	0.010	-0.136	-0.119	0.017	-0.087	-0.066	0.022	-0.049			0.7000
0.7100														-0.043		0.7100
0.8000		-0.099		-0.118	-0.111	0.006	-0.144	-0.120	0.024	-0.110	-0.081	0.030	-0.066			0.8000
0.8100														-0.056		0.8100
0.9000	-0.109	-0.104	0.005	-0.121			-0.156	-0.121	0.036	-0.120	-0.088	0.032	-0.069			0.9000
1.0000	-0.119	-0.102	0.016	-0.135	-0.091	0.044	-0.173	-0.121	0.052	-0.118	-0.089	0.029	-0.058	-0.086	-0.017	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(i) BV_5

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.698		α =-04.28							
0.0000	-0.289	0.039	0.328	-0.747	0.212	0.959	-0.806	0.267	1.073	-0.787	0.402	1.188	-0.919	0.387		0.0000
0.0125	-0.299	0.095	0.394	-0.811	0.204	1.015	-0.883	0.235	1.118	-0.832	0.322	1.154		0.325		0.0125
0.0250	-0.297	0.126	0.423	-0.766	0.190	0.956	-0.892	0.207	1.099	-0.855	0.261	1.115	-0.824	0.263	1.087	0.0250
0.0500	-0.259	0.106	0.365	-0.351	0.142	0.493	-0.705	0.161	0.866	-0.833	0.191	1.024	-0.771	0.138	0.909	0.0500
0.0750	-0.225	0.069	0.294	-0.344	0.077	0.421	-0.541	0.127	0.668	-0.694	0.169	0.863	-0.759	0.183	0.942	0.0750
0.1000	-0.205	0.044	0.250	-0.326	0.060	0.385	-0.470	0.094	0.563	-0.573	0.106	0.680	-0.699	0.160	0.859	0.1000
0.1500	-0.204	0.033	0.237	-0.276	0.026	0.302	-0.392	0.066	0.458	-0.397	0.089	0.485	-0.620	0.114	0.734	0.1500
0.2000	-0.204	0.008	0.212	-0.242	0.002	0.244	-0.312	0.042	0.354	-0.320	0.061	0.381	-0.483	0.081	0.564	0.2000
0.3000	-0.195	-0.029	0.166	-0.221	-0.017	0.204	-0.265	0.013	0.279	-0.239	0.040	0.279	-0.325	0.058	0.383	0.3000
0.4000	-0.160	-0.040	0.120	-0.210	-0.023	0.186	-0.220	0.005	0.224	-0.205	0.024	0.229	-0.176	0.032	0.208	0.4000
0.5000	-0.164	-0.039	0.125	-0.174	-0.028	0.145	-0.189	-0.001	0.188	-0.183	0.020	0.203	-0.178	0.016	0.194	0.5000
0.6000	-0.140	-0.048	0.092	-0.162	-0.031	0.131	-0.153			-0.163	0.015	0.178	-0.136	0.004	0.139	0.6000
0.6170								0.003								0.6170
0.7000	-0.177	-0.047	0.130	-0.131	-0.031	0.100	-0.131	0.011	0.141	-0.141	0.011	0.153	-0.103			0.7000
0.7100														-0.002		0.7100
0.8000		-0.046		-0.112	-0.012	0.100	-0.107	0.024	0.132	-0.110	0.012	0.122	-0.067			0.8000
0.8100														-0.008		0.8100
0.9000	-0.077	-0.020	0.058	-0.082			-0.074	0.026	0.101	-0.052	0.002	0.054	-0.044			0.9000
1.0000	0.059	0.033	-0.026	-0.041	0.084	0.125	-0.033	0.017	0.049	0.031	-0.018	-0.049	-0.035	-0.022	0.022	1.0000
							M = 0.697		α =-00.35							
0.0000	-0.288	0.122	0.410	-0.657	0.226	0.883	-0.745	0.173	0.918	-0.695	0.395	1.089	-0.619	0.300		0.0000
0.0125	-0.251	0.123	0.374	-0.773	0.193	0.965	-0.785	0.208	0.993	-0.699	0.284	0.983		0.265		0.0125
0.0250	-0.229	0.118	0.347	-0.758	0.163	0.921	-0.793	0.214	1.006	-0.702	0.211	0.913	-0.642	0.232	0.874	0.0250
0.0500	-0.228	0.089	0.317	-0.338	0.112	0.450	-0.711	0.133	0.844	-0.703	0.181	0.884	-0.645	0.171	0.816	0.0500
0.0750	-0.210	0.069	0.279	-0.327	0.075	0.403	-0.549	0.120	0.669	-0.674	0.122	0.796	-0.630	0.145	0.775	0.0750
0.1000	-0.198	0.049	0.247	-0.311	0.059	0.370	-0.444	0.097	0.541	-0.612	0.110	0.721	-0.612	0.124	0.736	0.1000
0.1500	-0.193	0.035	0.227	-0.263	0.038	0.301	-0.366	0.059	0.426	-0.499	0.100	0.599	-0.565	0.098	0.663	0.1500
0.2000	-0.194	0.020	0.213	-0.248	0.005	0.253	-0.250	0.036	0.286	-0.385	0.064	0.449	-0.494	0.076	0.570	0.2000
0.3000	-0.195	-0.012	0.183	-0.220	-0.002	0.218	-0.215	0.027	0.242	-0.251	0.048	0.299	-0.303	0.045	0.348	0.3000
0.4000	-0.158	-0.021	0.136	-0.192	-0.013	0.179	-0.184	0.013	0.197	-0.173	0.032	0.204	-0.181	0.022	0.203	0.4000
0.5000	-0.164	-0.022	0.142	-0.167	-0.017	0.150	-0.145	0.005	0.149	-0.149	0.019	0.168	-0.134	0.011	0.145	0.5000
0.6000	-0.150	-0.030	0.120	-0.134	-0.021	0.113	-0.127			-0.143	0.017	0.161	-0.111		0.111	0.6000
0.6170								0.007								0.6170
0.7000	-0.166	-0.032	0.135	-0.117	-0.021	0.097	-0.114	0.014	0.129	-0.121	0.013	0.134	-0.084			0.7000
0.7100														-0.007		0.7100
0.8000		-0.030		-0.097	-0.002	0.096	-0.095	0.022	0.117	-0.091	0.011	0.102	-0.052			0.8000
0.8100														-0.011		0.8100
0.9000	-0.068	-0.007	0.061	-0.064			-0.059	0.030	0.089	-0.061	0.000	0.061	-0.048			0.9000
1.0000	0.047	0.037	-0.010	-0.017	0.092	0.108	-0.006	0.039	0.045	-0.032	-0.020	0.011	-0.071	-0.013	0.035	1.0000
							M = 0.699		α = 03.92							
0.0000	-0.227	0.160	0.387	-0.580	0.356	0.936	-0.648	0.150	0.798	-0.564	0.335	0.900	-0.483	0.223		0.0000
0.0125	-0.221	0.135	0.355	-0.697	0.264	0.961	-0.664	0.169	0.833	-0.565	0.244	0.809		0.213		0.0125
0.0250	-0.211	0.115	0.326	-0.688	0.194	0.883	-0.673	0.173	0.846	-0.565	0.184	0.749	-0.488	0.194	0.682	0.0250
0.0500	-0.181	0.093	0.274	-0.292	0.125	0.416	-0.666	0.140	0.806	-0.563	0.159	0.722	-0.488	0.127	0.615	0.0500
0.0750	-0.173	0.063	0.236	-0.292	0.100	0.392	-0.557	0.116	0.674	-0.569	0.135	0.704	-0.484	0.140	0.624	0.0750
0.1000	-0.167	0.046	0.213	-0.272	0.073	0.345	-0.461	0.099	0.560	-0.553	0.103	0.656	-0.482	0.119	0.601	0.1000
0.1500	-0.172	0.045	0.217	-0.238	0.062	0.299	-0.302	0.071	0.373	-0.510	0.076	0.586	-0.480	0.097	0.577	0.1500
0.2000	-0.173	0.035	0.209	-0.219	0.040	0.259	-0.233	0.060	0.292	-0.429	0.064	0.493	-0.476	0.076	0.552	0.2000
0.3000	-0.170	0.009	0.180	-0.202	0.026	0.228	-0.190	0.038	0.228	-0.233	0.053	0.286	-0.371	0.061	0.432	0.3000
0.4000	-0.159	0.004	0.163	-0.182	0.012	0.194	-0.154	0.028	0.183	-0.129	0.040	0.169	-0.249	0.035	0.284	0.4000
0.5000	-0.148	-0.004	0.143	-0.153	0.008	0.161	-0.127	0.019	0.146	-0.111	0.032	0.143	-0.174	0.024	0.198	0.5000
0.6000	-0.129	-0.006	0.122	-0.128	0.005	0.132	-0.107			-0.106	0.026	0.132	-0.119	0.008	0.127	0.6000
0.6170								0.019								0.6170
0.7000	-0.135	-0.006	0.129	-0.111	0.002	0.113	-0.091	0.027	0.118	-0.089	0.021	0.110	-0.081			0.7000
0.7100														0.005		0.7100
0.8000		0.003		-0.094	0.013	0.108	-0.076	0.038	0.114	-0.057	0.011	0.068	-0.058			0.8000
0.8100														-0.003		0.8100
0.9000	-0.070	0.020	0.090	-0.069			-0.059	0.035	0.094	-0.014	-0.004	0.010	-0.031			0.9000
1.0000	0.001	0.044	0.043	-0.036	0.077	0.113	-0.040	0.019	0.058	0.039	-0.025	-0.064	0.000	-0.036	-0.005	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(i) BV_5 - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.700		α = 07.81							
0.0000	-0.352	0.181	0.533	-0.562	0.332	0.894	-0.612	0.194	0.806	-0.490	0.274	0.763	-0.418	0.023		0.0000
0.0125	-0.314	0.156	0.470	-0.675	0.255	0.930	-0.612	0.194	0.806	-0.500	0.219	0.718		0.119		0.0125
0.0250	-0.281	0.133	0.414	-0.663	0.198	0.860	-0.617	0.187	0.803	-0.505	0.180	0.685	-0.418	0.168	0.585	0.0250
0.0500	-0.229	0.097	0.326	-0.261	0.142	0.403	-0.634	0.153	0.787	-0.501	0.150	0.650	-0.416	0.127	0.544	0.0500
0.0750	-0.192	0.071	0.263	-0.251	0.119	0.370	-0.592	0.134	0.726	-0.504	0.128	0.631	-0.414	0.129	0.543	0.0750
0.1000	-0.166	0.052	0.219	-0.250	0.087	0.337	-0.507	0.116	0.623	-0.501	0.102	0.603	-0.418	0.107	0.525	0.1000
0.1500	-0.161	0.033	0.195	-0.215	0.068	0.283	-0.328	0.089	0.418	-0.501	0.079	0.580	-0.432	0.099	0.531	0.1500
0.2000	-0.169	0.024	0.193	-0.200	0.058	0.258	-0.178	0.074	0.252	-0.484	0.070	0.554	-0.429	0.079	0.508	0.2000
0.3000	-0.164	-0.004	0.161	-0.187	0.043	0.230	-0.161	0.056	0.216	-0.240	0.062	0.303	-0.388	0.055	0.443	0.3000
0.4000	-0.153	-0.014	0.139	-0.167	0.039	0.206	-0.149	0.042	0.192	-0.159	0.049	0.208	-0.283	0.026	0.309	0.4000
0.5000	-0.142	-0.011	0.131	-0.142	0.034	0.176	-0.129	0.035	0.164	-0.091	0.040	0.131	-0.183	0.021	0.204	0.5000
0.6000	-0.138	-0.007	0.130	-0.126	0.032	0.157	-0.107			-0.082	0.034	0.116	-0.118	0.012	0.129	0.6000
0.6170								0.036								0.6170
0.7000	-0.154	-0.011	0.143	-0.101	0.032	0.134	-0.080	0.039	0.119	-0.085	0.029	0.114	-0.058			0.7000
0.7100														0.006		0.7100
0.8000		-0.001		-0.091	0.048	0.139	-0.071	0.041	0.113	-0.074	0.027	0.101	-0.014			0.8000
0.8100														0.001		0.8100
0.9000	-0.079	0.006	0.086	-0.070			-0.059	0.051	0.110	-0.044	0.008	0.052	-0.012			0.9000
1.0000	0.011	0.012	0.001	-0.037	0.123	0.160	-0.044	0.067	0.110	0.003	-0.030	-0.033	-0.052	-0.008	0.005	1.0000
							M = 0.698		α = 11.83							
0.0000	-0.422	0.038	0.459	-0.740	0.283	1.023	-0.631	0.218	0.849	-0.453	0.203	0.656	-0.374	0.165		0.0000
0.0125	-0.405	0.109	0.514	-0.730	0.251	0.981	-0.627	0.199	0.826	-0.472	0.191	0.662		0.159		0.0125
0.0250	-0.378	0.138	0.516	-0.646	0.224	0.870	-0.628	0.182	0.810	-0.481	0.177	0.658	-0.371	0.150	0.521	0.0250
0.0500	-0.297	0.064	0.361	-0.256	0.189	0.445	-0.646	0.152	0.798	-0.474	0.144	0.618	-0.372	0.125	0.498	0.0500
0.0750	-0.225	0.034	0.260	-0.261	0.160	0.421	-0.576	0.143	0.719	-0.476	0.133	0.609	-0.378	0.125	0.502	0.0750
0.1000	-0.191	0.011	0.201	-0.261	0.134	0.395	-0.473	0.126	0.599	-0.478	0.108	0.586	-0.388	0.110	0.498	0.1000
0.1500	-0.184	-0.004	0.180	-0.216	0.120	0.335	-0.179	0.108	0.287	-0.491	0.091	0.582	-0.397	0.088	0.485	0.1500
0.2000	-0.180	-0.021	0.158	-0.199	0.091	0.290	-0.154	0.094	0.248	-0.455	0.078	0.532	-0.387	0.079	0.466	0.2000
0.3000	-0.169	-0.042	0.127	-0.163	0.076	0.239	-0.141	0.073	0.215	-0.162	0.065	0.227	-0.358	0.056	0.415	0.3000
0.4000	-0.166	-0.050	0.116	-0.148	0.070	0.217	-0.134	0.069	0.202	-0.072	0.058	0.130	-0.261	0.044	0.305	0.4000
0.5000	-0.155	-0.046	0.109	-0.134	0.067	0.201	-0.108	0.063	0.171	-0.063	0.051	0.114	-0.161	0.035	0.195	0.5000
0.6000	-0.160	-0.040	0.120	-0.102	0.063	0.165	-0.082			-0.067	0.047	0.114	-0.070	0.026	0.096	0.6000
0.6170								0.061								0.6170
0.7000	-0.177	-0.035	0.142	-0.090	0.066	0.156	-0.066	0.062	0.128	-0.066	0.044	0.110	-0.031			0.7000
0.7100														0.021		0.7100
0.8000		-0.039		-0.081	0.074	0.155	-0.056	0.067	0.123	-0.045	0.040	0.085	-0.011			0.8000
0.8100														0.015		0.8100
0.9000	-0.109	-0.039	0.070	-0.062			-0.038	0.066	0.104	-0.008	0.020	0.028	0.007			0.9000
1.0000	-0.025	-0.035	-0.010	-0.033	0.107	0.140	-0.011	0.058	0.070	0.046	-0.015	-0.061	0.022	0.003	-0.004	1.0000
							M = 0.701		α = 15.72							
0.0000	-0.532	0.207	0.739	-1.198	0.357	1.555	-0.675	0.274	0.950	-0.476	0.170	0.646	-0.341	0.116		0.0000
0.0125	-0.480	0.163	0.643	-0.895	0.259	1.154	-0.691	0.246	0.937	-0.469	0.172	0.641		0.127		0.0125
0.0250	-0.429	0.123	0.552	-0.651	0.193	0.843	-0.698	0.224	0.922	-0.465	0.169	0.634	-0.342	0.132	0.474	0.0250
0.0500	-0.327	0.057	0.383	-0.341	0.154	0.495	-0.682	0.199	0.881	-0.468	0.147	0.616	-0.344	0.124	0.467	0.0500
0.0750	-0.252	-0.006	0.245	-0.350	0.094	0.444	-0.504	0.182	0.686	-0.473	0.135	0.608	-0.347	0.111	0.459	0.0750
0.1000	-0.219	-0.037	0.182	-0.333	0.073	0.405	-0.330	0.169	0.499	-0.491	0.118	0.609	-0.352	0.101	0.453	0.1000
0.1500	-0.207	-0.062	0.145	-0.269	0.041	0.310	-0.148	0.142	0.290	-0.510	0.103	0.613	-0.368	0.087	0.455	0.1500
0.2000	-0.179	-0.077	0.102	-0.241	0.011	0.252	-0.131	0.131	0.261	-0.393	0.094	0.487	-0.385	0.080	0.466	0.2000
0.3000	-0.195	-0.099	0.096	-0.235	-0.004	0.230	-0.117	0.113	0.230	-0.055	0.082	0.137	-0.368	0.063	0.431	0.3000
0.4000	-0.171	-0.078	0.093	-0.211	-0.003	0.207	-0.094	0.108	0.202	-0.042	0.071	0.113	-0.218	0.049	0.267	0.4000
0.5000	-0.208	-0.058	0.150	-0.188	-0.004	0.184	-0.076	0.103	0.179	-0.052	0.067	0.119	-0.056	0.040	0.096	0.5000
0.6000	-0.189	-0.058	0.131	-0.181	-0.005	0.176	-0.055			-0.056	0.063	0.118	0.006	0.031	0.025	0.6000
0.6170								0.103								0.6170
0.7000	-0.226	-0.061	0.165	-0.149	-0.001	0.148	-0.043	0.103	0.146	-0.044	0.057	0.101	0.014			0.7000
0.7100														0.027		0.7100
0.8000		-0.066		-0.149	0.012	0.161	-0.037	0.112	0.149	-0.016	0.050	0.066	0.020			0.8000
0.8100														0.023		0.8100
0.9000	-0.125	-0.068	0.057	-0.115			-0.016	0.100	0.115	0.024	0.034	0.010	0.011			0.9000
1.0000	0.013	-0.066	-0.079	-0.045	0.067	0.112	0.019	0.065	0.046	0.076	0.008	-0.067	-0.014	0.011	0.000	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(i) BV_5 - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 0.902 α = 03.78															
0.0000	-0.197	0.119	0.316	-0.496	0.229	0.725	-0.637	0.162	0.799	-0.566	-0.083	0.483	-0.457	0.202		0.0000
0.0125	-0.185	0.111	0.296	-0.642	0.178	0.820	-0.641	0.164	0.805	-0.562	0.087	0.650		0.198		0.0125
0.0250	-0.174	0.102	0.277	-0.652	0.141	0.794	-0.646	0.157	0.803	-0.559	0.181	0.740	-0.465	0.188	0.653	0.0250
0.0500	-0.159	0.083	0.242	-0.263	0.112	0.375	-0.659	0.118	0.777	-0.558	0.136	0.694	-0.470	0.153	0.623	0.0500
0.0750	-0.151	0.063	0.214	-0.271	0.072	0.343	-0.590	0.091	0.681	-0.561	0.107	0.668	-0.472	0.129	0.600	0.0750
0.1000	-0.150	0.053	0.203	-0.274	0.062	0.336	-0.500	0.075	0.575	-0.556	0.083	0.639	-0.468	0.109	0.577	0.1000
0.1500	-0.165	0.042	0.207	-0.247	0.038	0.285	-0.354	0.052	0.406	-0.519	0.064	0.583	-0.461	0.077	0.538	0.1500
0.2000	-0.169	0.036	0.205	-0.224	0.025	0.249	-0.275	0.037	0.312	-0.465	0.051	0.516	-0.452	0.072	0.524	0.2000
0.3000	-0.187	0.005	0.192	-0.210	0.012	0.221	-0.213	0.011	0.224	-0.297	0.040	0.338	-0.396	0.049	0.446	0.3000
0.4000	-0.161	0.001	0.162	-0.187	0.001	0.188	-0.182	0.006	0.188	-0.158	0.035	0.193	-0.313	0.023	0.337	0.4000
0.5000	-0.174	-0.002	0.171	-0.169	-0.002	0.167	-0.139	0.004	0.142	-0.124	0.028	0.152	-0.235	0.015	0.250	0.5000
0.6000	-0.151	-0.010	0.141	-0.139	-0.006	0.133	-0.108			-0.109	0.025	0.135	-0.124	-0.003	0.122	0.6000
0.6170								0.006								0.6170
0.7000	-0.172	-0.013	0.158	-0.109	0.002	0.112	-0.093	0.018	0.111	-0.104	0.022	0.126	-0.075			0.7000
0.7100														-0.009		0.7100
0.8000		-0.010		-0.082	0.017	0.099	-0.078	0.044	0.122	-0.061	0.013	0.074	-0.034			0.8000
0.8100														-0.013		0.8100
0.9000	-0.068	0.014	0.081	-0.045			-0.048	0.043	0.091	-0.012	-0.002	0.010	-0.021			0.9000
1.0000	0.057	0.059	0.001	0.002	0.066	0.064	-0.003	0.014	0.017	0.042	-0.022	-0.064	-0.037	-0.016	0.004	1.0000
	M = 0.953 α = 03.78															
0.0000	-0.163	0.105	0.267	-0.471	0.149	0.621	-0.644	0.203	0.847	-0.608	0.169	0.777	-0.472	0.280		0.0000
0.0125	-0.163	0.107	0.269	-0.644	0.162	0.806	-0.639	0.164	0.803	-0.605	0.179	0.784		0.233		0.0125
0.0250	-0.160	0.103	0.263	-0.656	0.160	0.816	-0.639	0.135	0.774	-0.602	0.176	0.778	-0.466	0.193	0.659	0.0250
0.0500	-0.146	0.079	0.225	-0.198	0.113	0.312	-0.651	0.103	0.754	-0.600	0.130	0.730	-0.464	0.134	0.597	0.0500
0.0750	-0.136	0.061	0.196	-0.254	0.073	0.327	-0.614	0.087	0.701	-0.599	0.103	0.702	-0.465	0.151	0.617	0.0750
0.1000	-0.138	0.050	0.188	-0.275	0.048	0.324	-0.498	0.072	0.570	-0.598	0.072	0.670	-0.465	0.112	0.576	0.1000
0.1500	-0.160	0.039	0.199	-0.256	0.028	0.284	-0.453	0.037	0.490	-0.551	0.051	0.602	-0.460	0.100	0.559	0.1500
0.2000	-0.168	0.030	0.198	-0.235	0.006	0.242	-0.320	0.016	0.336	-0.500	0.039	0.539	-0.447	0.091	0.538	0.2000
0.3000	-0.194	-0.007	0.187	-0.233	-0.012	0.221	-0.244		0.244	-0.274	0.038	0.312	-0.407	0.073	0.481	0.3000
0.4000	-0.170	-0.009	0.161	-0.225	-0.016	0.210	-0.212	-0.001	0.211	-0.126	0.034	0.160	-0.356	0.047	0.402	0.4000
0.5000	-0.197	-0.020	0.177	-0.213	-0.019	0.195	-0.139	0.004	0.143	-0.091	0.035	0.125	-0.297	0.028	0.325	0.5000
0.6000	-0.187	-0.018	0.170	-0.175	-0.023	0.152	-0.085			-0.100	0.036	0.136	-0.182	0.010	0.193	0.6000
0.6170								0.022								0.6170
0.7000	-0.201	-0.029	0.172	-0.141	-0.011	0.129	-0.078	0.039	0.116	-0.096	0.033	0.130	-0.069			0.7000
0.7100														-0.002		0.7100
0.8000		-0.026		-0.083	0.004	0.087	-0.067	0.067	0.134	-0.060	0.024	0.084	-0.014			0.8000
0.8100														-0.009		0.8100
0.9000	-0.053	0.006	0.059	-0.020			-0.043	0.058	0.100	-0.001	0.004	0.006	0.003			0.9000
1.0000	0.109	0.067	-0.042	0.049	0.048	-0.001	-0.006	0.009	0.015	0.078	-0.028	-0.106	-0.018	-0.012	-0.016	1.0000
	M = 1.000 α = 03.88															
0.0000	-0.194	0.075	0.269	-0.460	0.119	0.579	-0.629	-0.033	0.596	-0.631	0.253	0.884	-0.699	0.245		0.0000
0.0125	-0.176	0.075	0.251	-0.626	0.142	0.768	-0.626	0.070	0.696	-0.629	0.188	0.817		0.198		0.0125
0.0250	-0.163	0.072	0.236	-0.639	0.143	0.782	-0.625	0.127	0.752	-0.627	0.140	0.767	-0.714	0.161	0.875	0.0250
0.0500	-0.156	0.057	0.214	-0.201	0.081	0.282	-0.631	0.098	0.729	-0.624	0.092	0.716	-0.723	0.118	0.841	0.0500
0.0750	-0.153	0.037	0.190	-0.270	0.046	0.316	-0.592	0.065	0.657	-0.620	0.070	0.691	-0.727	0.102	0.829	0.0750
0.1000	-0.151	0.020	0.170	-0.276	0.028	0.304	-0.488	0.051	0.539	-0.612	0.039	0.651	-0.739	0.084	0.823	0.1000
0.1500	-0.173	0.011	0.184	-0.261	0.008	0.268	-0.358	0.022	0.380	-0.548	0.008	0.556	-0.670	0.066	0.736	0.1500
0.2000	-0.178	0.011	0.189	-0.251	-0.012	0.240	-0.299	0.001	0.300	-0.482	-0.009	0.472	-0.543	0.064	0.607	0.2000
0.3000	-0.194	-0.022	0.172	-0.238	-0.027	0.211	-0.273	-0.020	0.253	-0.379	-0.013	0.366	-0.283	0.061	0.344	0.3000
0.4000	-0.173	-0.027	0.146	-0.231	-0.029	0.201	-0.251	-0.032	0.219	-0.288	-0.006	0.282	-0.174	0.057	0.231	0.4000
0.5000	-0.211	-0.029	0.182	-0.227	-0.038	0.188	-0.240	-0.045	0.195	-0.251	0.009	0.259	-0.132	0.039	0.171	0.5000
0.6000	-0.207	-0.034	0.173	-0.221	-0.059	0.162	-0.229			-0.174	0.032	0.206	-0.094	0.015	0.109	0.6000
0.6170								-0.025								0.6170
0.7000	-0.233	-0.054	0.179	-0.198	-0.054	0.145	-0.172	0.001	0.172	-0.109	0.036	0.144	-0.036			0.7000
0.7100														-0.010		0.7100
0.8000		-0.067		-0.166	-0.016	0.150	-0.097	0.044	0.141	-0.038	0.036	0.074	-0.004			0.8000
0.8100														-0.011		0.8100
0.9000	-0.119	-0.044	0.074	-0.055			-0.048	0.068	0.115	0.028	0.019	-0.009	0.024			0.9000
1.0000	0.021	0.013	-0.008	0.136	0.154	0.018	-0.024	0.072	0.095	0.089	-0.016	-0.105	0.050	0.040	0.015	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(i) BV_5 - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.053		α = 03.88							
0.0000	-0.169	0.074	0.243	-0.440	0.178	0.619	-0.578	0.156	0.734	-0.592	0.274	0.866	-0.687	0.205		0.0000
0.0125	-0.158	0.076	0.234	-0.579	0.139	0.718	-0.577	0.129	0.706	-0.591	0.183	0.774		0.149		0.0125
0.0250	-0.150	0.073	0.223	-0.586	0.109	0.695	-0.578	0.106	0.684	-0.590	0.119	0.709	-0.676	0.106	0.782	0.0250
0.0500	-0.140	0.055	0.195	-0.198	0.080	0.279	-0.587	0.073	0.660	-0.587	0.073	0.660	-0.673	0.061	0.734	0.0500
0.0750	-0.137	0.039	0.176	-0.243	0.044	0.287	-0.550	0.052	0.602	-0.581	0.049	0.630	-0.677	0.044	0.720	0.0750
0.1000	-0.135	0.028	0.163	-0.254	0.030	0.283	-0.443	0.036	0.479	-0.546	0.024	0.570	-0.686	0.024	0.710	0.1000
0.1500	-0.165	0.019	0.184	-0.243	0.004	0.247	-0.326	0.010	0.336	-0.481	0.010	0.491	-0.638	0.003	0.641	0.1500
0.2000	-0.164	0.012	0.176	-0.235	-0.012	0.222	-0.271	-0.012	0.259	-0.419	-0.010	0.409	-0.485	-0.017	0.468	0.2000
0.3000	-0.188	-0.023	0.165	-0.225	-0.032	0.192	-0.256	-0.029	0.227	-0.312	-0.041	0.271	-0.311	-0.024	0.287	0.3000
0.4000	-0.154	-0.027	0.126	-0.223	-0.038	0.185	-0.242	-0.043	0.199	-0.283	-0.051	0.232	-0.288	-0.032	0.255	0.4000
0.5000	-0.203	-0.042	0.161	-0.218	-0.040	0.178	-0.236	-0.068	0.168	-0.254	-0.053	0.200	-0.279	-0.033	0.246	0.5000
0.6000	-0.178	-0.038	0.140	-0.223	-0.066	0.157	-0.232			-0.247	-0.059	0.188	-0.265	-0.034	0.231	0.6000
0.6170								-0.072								0.6170
0.7000	-0.241	-0.060	0.181	-0.219	-0.073	0.146	-0.227	-0.066	0.161	-0.257	-0.045	0.212	-0.185			0.7000
0.7100														-0.048		0.7100
0.8000		-0.094		-0.212	-0.071	0.141	-0.225	-0.048	0.177	-0.235	-0.030	0.205	-0.076			0.8000
0.8100														-0.073		0.8100
0.9000	-0.196	-0.069	0.127	-0.195			-0.164	-0.026	0.139	-0.064	-0.026	0.038	-0.035			0.9000
1.0000	-0.088	0.016	0.104	-0.169	-0.039	0.130	-0.044	0.001	0.045	0.258	-0.032	-0.290	-0.063	-0.153	-0.118	1.0000
							M = 1.104		α = 03.88							
0.0000	-0.089	0.125	0.214	-0.392	0.222	0.614	-0.511	0.138	0.649	-0.528	0.250	0.779	-0.640	0.223		0.0000
0.0125	-0.091	0.128	0.218	-0.509	0.187	0.695	-0.508	0.168	0.676	-0.525	0.196	0.721		0.176		0.0125
0.0250	-0.091	0.126	0.217	-0.508	0.159	0.667	-0.506	0.176	0.683	-0.524	0.155	0.679	-0.620	0.138	0.759	0.0250
0.0500	-0.088	0.110	0.198	-0.156	0.127	0.283	-0.511	0.125	0.637	-0.524	0.114	0.638	-0.611	0.091	0.702	0.0500
0.0750	-0.080	0.089	0.169	-0.186	0.101	0.287	-0.481	0.113	0.594	-0.511	0.090	0.601	-0.612	0.075	0.687	0.0750
0.1000	-0.078	0.079	0.157	-0.200	0.077	0.277	-0.379	0.094	0.473	-0.476	0.061	0.537	-0.616	0.052	0.668	0.1000
0.1500	-0.108	0.072	0.180	-0.182	0.051	0.233	-0.248	0.063	0.311	-0.414	0.048	0.463	-0.600	0.031	0.631	0.1500
0.2000	-0.106	0.066	0.172	-0.182	0.034	0.217	-0.212	0.048	0.260	-0.358	0.032	0.390	-0.424	0.022	0.445	0.2000
0.3000	-0.126	0.038	0.164	-0.166	0.016	0.182	-0.203	0.024	0.226	-0.275	0.012	0.288	-0.236	0.008	0.244	0.3000
0.4000	-0.101	0.009	0.110	-0.173	0.004	0.177	-0.195	0.005	0.200	-0.235	-0.002	0.233	-0.228	0.003	0.232	0.4000
0.5000	-0.146	0.004	0.150	-0.170	-0.003	0.167	-0.189	-0.020	0.169	-0.206	-0.007	0.199	-0.232	0.004	0.236	0.5000
0.6000	-0.141	-0.008	0.133	-0.173	-0.019	0.154	-0.184			-0.200	-0.007	0.193	-0.232	-0.004	0.227	0.6000
0.6170								-0.028								0.6170
0.7000	-0.202	-0.010	0.191	-0.173	-0.033	0.141	-0.184	-0.026	0.158	-0.206	0.001	0.208	-0.205			0.7000
0.7100														-0.018		0.7100
0.8000		-0.038		-0.169	-0.028	0.142	-0.183	-0.005	0.178	-0.210	0.014	0.224	-0.081			0.8000
0.8100														-0.035		0.8100
0.9000	-0.166	-0.020	0.146	-0.156			-0.143	0.013	0.156	-0.051	0.014	0.065	-0.018			0.9000
1.0000	-0.069	0.045	0.114	-0.134	0.039	0.173	-0.063	0.026	0.090	0.271	0.000	-0.270	-0.016	-0.077	-0.059	1.0000
							M = 1.299		α = -04.13							
0.0000	-0.149	0.146	0.295	-0.427	0.219	0.647	-0.481	0.199	0.680	-0.437	0.337	0.774	-0.483	0.252		0.0000
0.0125	-0.130	0.136	0.266	-0.388	0.177	0.565	-0.467	0.184	0.651	-0.432	0.244	0.676		0.196		0.0125
0.0250	-0.118	0.128	0.246	-0.358	0.148	0.505	-0.448	0.169	0.617	-0.430	0.180	0.610	-0.449	0.154	0.603	0.0250
0.0500	-0.115	0.115	0.230	-0.327	0.124	0.451	-0.399	0.137	0.537	-0.432	0.140	0.572	-0.429	0.116	0.545	0.0500
0.0750	-0.107	0.085	0.192	-0.294	0.100	0.394	-0.379	0.115	0.494	-0.431	0.124	0.556	-0.425	0.085	0.510	0.0750
0.1000	-0.098	0.077	0.176	-0.265	0.086	0.351	-0.355	0.090	0.445	-0.412	0.088	0.500	-0.421	0.051	0.472	0.1000
0.1500	-0.118	0.055	0.172	-0.218	0.048	0.266	-0.351	0.053	0.405	-0.383	0.069	0.452	-0.413	0.034	0.447	0.1500
0.2000	-0.129	0.049	0.178	-0.191	0.022	0.212	-0.343	0.031	0.374	-0.369	0.041	0.410	-0.407	0.023	0.430	0.2000
0.3000	-0.111	-0.019	0.092	-0.174	-0.004	0.170	-0.173	0.007	0.180	-0.365	0.025	0.390	-0.387	0.000	0.387	0.3000
0.4000	-0.087	-0.019	0.068	-0.161	-0.024	0.137	-0.170	-0.020	0.150	-0.323	0.012	0.335	-0.364	-0.012	0.351	0.4000
0.5000	-0.153	-0.028	0.126	-0.161	-0.038	0.122	-0.179	-0.025	0.154	-0.267	-0.009	0.258	-0.338	-0.022	0.317	0.5000
0.6000	-0.149	-0.041	0.108	-0.165	-0.043	0.122	-0.183			-0.189	-0.014	0.175	-0.331	-0.029	0.301	0.6000
0.6170								-0.042								0.6170
0.7000	-0.169	-0.054	0.115	-0.162	-0.054	0.108	-0.178	-0.047	0.131	-0.198	-0.018	0.179	-0.319			0.7000
0.7100														-0.039		0.7100
0.8000		-0.071		-0.170	-0.051	0.119	-0.177	-0.046	0.131	-0.207	-0.016	0.191	-0.223			0.8000
0.8100														-0.057		0.8100
0.9000	-0.161	-0.059	0.102	-0.184			-0.215	-0.028	0.187	-0.211	-0.027	0.185	-0.207			0.9000
1.0000	-0.134	-0.019	0.114	-0.204	-0.001	0.203	-0.291	0.008	0.299	-0.212	-0.050	0.162	-0.272	-0.116	0.091	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(i) BV_5 - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.302	α = -00.15								
0.0000	-0.095	0.057	0.152	-0.379	0.180	0.558	-0.494	0.194	0.688	-0.536	0.255	0.791	-0.530	0.231		0.0000
0.0125	-0.091	0.090	0.181	-0.366	0.174	0.540	-0.453	0.166	0.618	-0.489	0.228	0.717		0.188		0.0125
0.0250	-0.088	0.107	0.196	-0.350	0.163	0.513	-0.425	0.143	0.568	-0.454	0.200	0.654	-0.503	0.154	0.657	0.0250
0.0500	-0.088	0.098	0.186	-0.309	0.123	0.432	-0.412	0.115	0.527	-0.417	0.145	0.562	-0.485	0.109	0.594	0.0500
0.0750	-0.085	0.073	0.157	-0.227	0.104	0.331	-0.402	0.093	0.495	-0.411	0.121	0.532	-0.475	0.085	0.560	0.0750
0.1000	-0.080	0.066	0.146	-0.203	0.083	0.286	-0.408	0.074	0.482	-0.405	0.089	0.495	-0.466	0.073	0.539	0.1000
0.1500	-0.104	0.055	0.159	-0.182	0.057	0.239	-0.336	0.063	0.399	-0.406	0.065	0.471	-0.439	0.050	0.489	0.1500
0.2000	-0.109	0.054	0.162	-0.159	0.022	0.181	-0.197	0.038	0.235	-0.391	0.045	0.436	-0.411	0.031	0.442	0.2000
0.3000	-0.098	0.012	0.110	-0.162	0.009	0.171	-0.185	0.009	0.194	-0.233	0.028	0.262	-0.401	0.016	0.417	0.3000
0.4000	-0.081	-0.007	0.074	-0.157	-0.016	0.141	-0.180	-0.002	0.178	-0.184	0.011	0.195	-0.338	-0.002	0.336	0.4000
0.5000	-0.138	-0.006	0.132	-0.154	-0.012	0.142	-0.172	-0.013	0.158	-0.186		0.185	-0.247	-0.007	0.240	0.5000
0.6000	-0.139	-0.028	0.111	-0.152	-0.026	0.126	-0.169			-0.185	-0.007	0.177	-0.194	-0.012	0.182	0.6000
0.6170								-0.030								0.6170
0.7000	-0.152	-0.022	0.130	-0.152	-0.030	0.122	-0.168	-0.032	0.135	-0.194	-0.012	0.182	-0.208			0.7000
0.7100														-0.021		0.7100
0.8000		-0.044		-0.157	-0.030	0.126	-0.171	-0.021	0.150	-0.204	-0.012	0.192	-0.211			0.8000
0.8100														-0.041		0.8100
0.9000	-0.127	-0.028	0.099	-0.168			-0.194	-0.008	0.186	-0.202	-0.017	0.186	-0.186			0.9000
1.0000	-0.088	0.027	0.116	-0.185	-0.022	0.164	-0.238	0.007	0.245	-0.191	-0.027	0.164	-0.135	-0.109	0.078	1.0000
							M = 1.303	α = 03.88								
0.0000	-0.085	0.106	0.191	-0.319	0.221	0.540	-0.423	0.167	0.589	-0.463	0.261	0.724	-0.502	0.190		0.0000
0.0125	-0.087	0.098	0.185	-0.355	0.171	0.526	-0.415	0.151	0.566	-0.440	0.198	0.638		0.173		0.0125
0.0250	-0.086	0.092	0.178	-0.357	0.138	0.495	-0.410	0.137	0.547	-0.425	0.152	0.577	-0.483	0.153	0.636	0.0250
0.0500	-0.080	0.080	0.160	-0.260	0.123	0.383	-0.408	0.111	0.519	-0.424	0.111	0.534	-0.471	0.103	0.574	0.0500
0.0750	-0.077	0.067	0.144	-0.190	0.096	0.286	-0.402	0.090	0.492	-0.421	0.092	0.513	-0.467	0.083	0.551	0.0750
0.1000	-0.072	0.054	0.127	-0.181	0.082	0.264	-0.375	0.080	0.455	-0.419	0.071	0.490	-0.462	0.061	0.522	0.1000
0.1500	-0.091	0.052	0.142	-0.164	0.051	0.214	-0.275	0.063	0.338	-0.371	0.061	0.431	-0.462	0.045	0.506	0.1500
0.2000	-0.093	0.051	0.144	-0.157	0.030	0.186	-0.220	0.035	0.255	-0.280	0.044	0.324	-0.443	0.042	0.485	0.2000
0.3000	-0.102	0.009	0.111	-0.146	0.017	0.163	-0.180	0.017	0.198	-0.202	0.027	0.229	-0.196	0.015	0.212	0.3000
0.4000	-0.086	-0.006	0.080	-0.146	0.012	0.158	-0.156	0.008	0.164	-0.182	0.020	0.202	-0.188	0.005	0.193	0.4000
0.5000	-0.117	0.001	0.119	-0.144	0.009	0.153	-0.161	0.001	0.162	-0.170	0.005	0.175	-0.188	-0.001	0.187	0.5000
0.6000	-0.130	-0.004	0.126	-0.144	-0.004	0.140	-0.156			-0.170	0.001	0.171	-0.193	-0.010	0.183	0.6000
0.6170								-0.006								0.6170
0.7000	-0.149	0.011	0.160	-0.145	-0.009	0.137	-0.155	-0.013	0.141	-0.172	-0.003	0.169	-0.201			0.7000
0.7100														-0.016		0.7100
0.8000		-0.025		-0.144	-0.014	0.130	-0.153	-0.016	0.137	-0.181		0.181	-0.197			0.8000
0.8100														-0.028		0.8100
0.9000	-0.146	0.001	0.147	-0.146			-0.172	-0.007	0.165	-0.185	-0.002	0.183	-0.169			0.9000
1.0000	-0.125	0.089	0.214	-0.153	-0.023	0.129	-0.213	0.014	0.227	-0.183	-0.008	0.175	-0.118	-0.063	0.106	1.0000
							M = 1.303	α = 07.96								
0.0000	-0.171	0.184	0.355	-0.338	0.189	0.527	-0.432	0.151	0.583	-0.384	-0.007	0.377	-0.464	0.217		0.0000
0.0125	-0.154	0.190	0.344	-0.360	0.153	0.513	-0.412	0.143	0.556	-0.388	0.102	0.490		0.169		0.0125
0.0250	-0.143	0.192	0.335	-0.362	0.129	0.491	-0.399	0.135	0.534	-0.389	0.159	0.548	-0.455	0.132	0.587	0.0250
0.0500	-0.141	0.186	0.326	-0.310	0.118	0.428	-0.394	0.113	0.507	-0.386	0.117	0.502	-0.450	0.089	0.540	0.0500
0.0750	-0.144	0.090	0.233	-0.167	0.106	0.273	-0.392	0.094	0.485	-0.385	0.097	0.482	-0.450	0.084	0.534	0.0750
0.1000	-0.105	0.057	0.162	-0.170	0.095	0.265	-0.386	0.089	0.475	-0.384	0.081	0.465	-0.452	0.071	0.523	0.1000
0.1500	-0.093	-0.011	0.081	-0.160	0.074	0.233	-0.186	0.081	0.267	-0.358	0.068	0.425	-0.450	0.048	0.498	0.1500
0.2000	-0.109	0.000	0.110	-0.138	0.031	0.169	-0.139	0.060	0.199	-0.301	0.055	0.356	-0.310	0.034	0.344	0.2000
0.3000	-0.074	0.005	0.080	-0.154	0.047	0.201	-0.130	0.039	0.169	-0.235	0.031	0.265	-0.200	0.024	0.224	0.3000
0.4000	-0.091	0.015	0.105	-0.130	0.030	0.160	-0.159	0.023	0.182	-0.190	0.015	0.205	-0.180	0.017	0.197	0.4000
0.5000	-0.121	0.007	0.128	-0.137	0.039	0.176	-0.144	0.007	0.152	-0.158	0.014	0.172	-0.172	0.006	0.178	0.5000
0.6000	-0.125	-0.023	0.102	-0.137	0.015	0.152	-0.137			-0.142	0.014	0.156	-0.175	0.000	0.176	0.6000
0.6170								0.007								0.6170
0.7000	-0.152	-0.027	0.125	-0.135	0.018	0.153	-0.134	0.005	0.139	-0.142	0.014	0.156	-0.185			0.7000
0.7100														-0.001		0.7100
0.8000		-0.036		-0.137	0.012	0.149	-0.137	0.011	0.148	-0.160	0.018	0.178	-0.175			0.8000
0.8100														-0.016		0.8100
0.9000	-0.137	-0.005	0.132	-0.139			-0.156	0.020	0.175	-0.162	0.000	0.163	-0.169			0.9000
1.0000	-0.095	0.068	0.163	-0.139	-0.027	0.113	-0.191	0.030	0.221	-0.150	-0.040	0.110	-0.166	-0.080	0.089	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(i) BV_5 - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.304		α = 12.03							
0.0000	-0.246	0.227	0.473	-0.421	0.230	0.651	-0.435	0.218	0.653	-0.350	0.192	0.542	-0.393	0.182		0.0000
0.0125	-0.227	0.210	0.437	-0.408	0.198	0.606	-0.431	0.182	0.612	-0.346	0.163	0.509		0.154		0.0125
0.0250	-0.212	0.198	0.410	-0.378	0.171	0.550	-0.428	0.156	0.584	-0.344	0.142	0.486	-0.383	0.131	0.515	0.0250
0.0500	-0.189	0.189	0.378	-0.272	0.130	0.402	-0.431	0.134	0.565	-0.344	0.124	0.469	-0.379	0.098	0.477	0.0500
0.0750	-0.190	0.114	0.303	-0.268	0.084	0.351	-0.422	0.120	0.542	-0.344	0.112	0.456	-0.381	0.099	0.481	0.0750
0.1000	-0.166	0.086	0.252	-0.258	0.077	0.335	-0.365	0.112	0.477	-0.344	0.089	0.434	-0.391	0.091	0.481	0.1000
0.1500	-0.150	-0.038	0.112	-0.202	0.067	0.269	-0.132	0.102	0.234	-0.316	0.063	0.378	-0.375	0.069	0.444	0.1500
0.2000	-0.174	-0.053	0.121	-0.160	0.071	0.231	-0.095	0.089	0.183	-0.278	0.062	0.341	-0.229	0.060	0.289	0.2000
0.3000	-0.054	-0.059	-0.005	-0.078	0.046	0.123	-0.116	0.067	0.183	-0.222	0.057	0.279	-0.170	0.042	0.212	0.3000
0.4000	-0.099	-0.051	0.048	-0.095	0.038	0.134	-0.121	0.057	0.178	-0.161	0.049	0.210	-0.168	0.030	0.197	0.4000
0.5000	-0.143	-0.054	0.089	-0.156	0.049	0.205	-0.124	0.054	0.179	-0.102	0.037	0.139	-0.166	0.022	0.188	0.5000
0.6000	-0.153	-0.054	0.099	-0.136	0.048	0.185	-0.111			-0.098	0.034	0.132	-0.162	0.017	0.180	0.6000
0.6170								0.050								0.6170
0.7000	-0.163	-0.060	0.103	-0.126	0.032	0.158	-0.099	0.040	0.140	-0.115	0.030	0.146	-0.171			0.7000
0.7100														0.015		0.7100
0.8000		-0.077		-0.138	0.047	0.185	-0.117	0.035	0.152	-0.135	0.026	0.161	-0.165			0.8000
0.8100																0.8100
0.9000	-0.168	-0.095	0.073	-0.161			-0.141	0.045	0.186	-0.141	0.031	0.172	-0.159			0.9000
1.0000	-0.164	-0.112	0.052	-0.195	0.171	0.366	-0.172	0.068	0.241	-0.133	0.045	0.178	-0.153	-0.061	0.098	1.0000
							M = 1.306		α = 15.82							
0.0000	-0.323	0.215	0.538	-0.395	0.254	0.649	-0.445	0.210	0.654	-0.429	0.165	0.594	-0.287	0.074		0.0000
0.0125	-0.297	0.195	0.492	-0.332	0.179	0.512	-0.449	0.183	0.632	-0.424	0.160	0.585		0.104		0.0125
0.0250	-0.278	0.179	0.458	-0.293	0.127	0.420	-0.451	0.163	0.614	-0.421	0.153	0.574	-0.280	0.117	0.398	0.0250
0.0500	-0.263	0.159	0.422	-0.288	0.089	0.377	-0.446	0.142	0.588	-0.419	0.128	0.547	-0.277	0.096	0.372	0.0500
0.0750	-0.261	0.072	0.333	-0.316	0.026	0.343	-0.442	0.123	0.564	-0.416	0.112	0.528	-0.276	0.093	0.369	0.0750
0.1000	-0.212	0.042	0.254	-0.346	-0.019	0.327	-0.392	0.115	0.507	-0.411	0.096	0.507	-0.278	0.081	0.359	0.1000
0.1500	-0.179	-0.059	0.120	-0.359	-0.064	0.295	-0.298	0.104	0.402	-0.395	0.085	0.479	-0.287	0.060	0.347	0.1500
0.2000	-0.196	-0.071	0.126	-0.324	-0.094	0.230	-0.194	0.106	0.300	-0.220	0.066	0.286	-0.286	0.057	0.343	0.2000
0.3000	-0.106	-0.127	-0.021	-0.252	-0.088	0.164	-0.084	0.089	0.173	-0.047	0.058	0.105	-0.280	0.045	0.325	0.3000
0.4000	-0.084	-0.125	-0.041	-0.141	-0.076	0.065	-0.077	0.086	0.163	-0.067	0.045	0.112	-0.233	0.029	0.262	0.4000
0.5000	-0.118	-0.083	0.035	-0.118	-0.078	0.040	-0.080	0.085	0.164	-0.084	0.041	0.126	-0.172	0.023	0.195	0.5000
0.6000	-0.157	-0.080	0.077	-0.208	-0.050	0.158	-0.110			-0.090	0.024	0.115	-0.133	0.026	0.159	0.6000
0.6170								0.073								0.6170
0.7000	-0.217	-0.091	0.126	-0.200	-0.079	0.122	-0.104	0.058	0.162	-0.099	0.021	0.120	-0.123			0.7000
0.7100														0.027		0.7100
0.8000		-0.120		-0.215	-0.089	0.126	-0.107	0.056	0.163	-0.143	0.027	0.170	-0.127			0.8000
0.8100														0.007		0.8100
0.9000	-0.215	-0.103	0.112	-0.236			-0.133	0.100	0.233	-0.134	0.025	0.159	-0.125			0.9000
1.0000	-0.153	-0.040	0.113	-0.262	-0.056	0.206	-0.181	0.191	0.373	-0.073	0.013	0.085	-0.120	-0.084	0.041	1.0000
							M = 1.503		α = 03.78							
0.0000	-0.065	0.091	0.155	-0.260	0.200	0.460	-0.390	0.171	0.561	-0.380	0.238	0.618	-0.390	0.210		0.0000
0.0125	-0.070	0.087	0.157	-0.271	0.159	0.430	-0.353	0.152	0.505	-0.361	0.181	0.542		0.171		0.0125
0.0250	-0.072	0.084	0.156	-0.268	0.134	0.402	-0.325	0.136	0.460	-0.346	0.141	0.488	-0.364	0.141	0.505	0.0250
0.0500	-0.065	0.077	0.142	-0.224	0.130	0.353	-0.292	0.114	0.406	-0.327	0.112	0.439	-0.345	0.105	0.450	0.0500
0.0750	-0.059	0.067	0.126	-0.199	0.090	0.289	-0.283	0.099	0.382	-0.309	0.094	0.402	-0.333	0.081	0.415	0.0750
0.1000	-0.056	0.057	0.113	-0.184	0.081	0.265	-0.282	0.085	0.366	-0.301	0.071	0.372	-0.319	0.059	0.378	0.1000
0.1500	-0.065	0.048	0.113	-0.151	0.062	0.213	-0.261	0.060	0.322	-0.297	0.075	0.373	-0.306	0.038	0.344	0.1500
0.2000	-0.079	0.043	0.122	-0.129	0.050	0.179	-0.172	0.049	0.221	-0.297	0.058	0.355	-0.300	0.029	0.329	0.2000
0.3000	-0.077	0.032	0.109	-0.124	0.035	0.159	-0.133	0.026	0.159	-0.233	0.035	0.268	-0.292	0.018	0.310	0.3000
0.4000	-0.069	0.011	0.080	-0.113	0.006	0.120	-0.139	0.006	0.145	-0.152	0.031	0.183	-0.247	0.010	0.257	0.4000
0.5000	-0.103	0.018	0.121	-0.131	0.004	0.135	-0.143	0.002	0.144	-0.141	0.020	0.161	-0.165	0.005	0.170	0.5000
0.6000	-0.114	0.001	0.115	-0.131	0.004	0.136	-0.137			-0.145	0.017	0.162	-0.149	-0.003	0.146	0.6000
0.6170								-0.010								0.6170
0.7000	-0.118	-0.001	0.117	-0.126	-0.005	0.121	-0.131	-0.017	0.114	-0.143	0.017	0.160	-0.159			0.7000
0.7100														-0.006		0.7100
0.8000		-0.011		-0.126	-0.007	0.119	-0.133	-0.006	0.127	-0.152	0.024	0.175	-0.162			0.8000
0.8100														-0.020		0.8100
0.9000	-0.098	-0.008	0.090	-0.133			-0.155	0.010	0.165	-0.149	0.017	0.166	-0.138			0.9000
1.0000	-0.074	0.006	0.080	-0.145	0.007	0.153	-0.197	0.031	0.228	-0.136	-0.003	0.133	-0.087	-0.076	0.062	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(i) BV_5 - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							$M = 1.704$		$\alpha = 03.73$							
0.0000	-0.061	0.080	0.141	-0.229	0.180	0.409	-0.269	0.169	0.438	-0.235	0.228	0.463	-0.256	0.188		0.0000
0.0125	-0.066	0.075	0.141	-0.219	0.160	0.379	-0.257	0.149	0.405	-0.238	0.181	0.419		0.161		0.0125
0.0250	-0.068	0.070	0.138	-0.207	0.145	0.353	-0.247	0.133	0.379	-0.241	0.147	0.388	-0.247	0.138	0.385	0.0250
0.0500	-0.061	0.061	0.122	-0.183	0.131	0.314	-0.232	0.113	0.345	-0.244	0.121	0.365	-0.241	0.107	0.348	0.0500
0.0750	-0.059	0.051	0.110	-0.164	0.099	0.264	-0.218	0.099	0.317	-0.245	0.103	0.348	-0.239	0.088	0.326	0.0750
0.1000	-0.056	0.043	0.099	-0.165	0.081	0.246	-0.208	0.087	0.294	-0.241	0.081	0.321	-0.235	0.069	0.304	0.1000
0.1500	-0.069	0.037	0.106	-0.161	0.072	0.233	-0.196	0.067	0.263	-0.223	0.079	0.302	-0.230	0.050	0.280	0.1500
0.2000	-0.079	0.037	0.117	-0.145	0.050	0.194	-0.189	0.051	0.240	-0.211	0.065	0.276	-0.226	0.041	0.267	0.2000
0.3000	-0.074	0.014	0.088	-0.127	0.027	0.153	-0.174	0.023	0.197	-0.202	0.050	0.251	-0.215	0.028	0.243	0.3000
0.4000	-0.073	0.032	0.105	-0.111	0.012	0.123	-0.125	0.016	0.141	-0.197	0.045	0.243	-0.204	0.018	0.222	0.4000
0.5000	-0.095	0.023	0.118	-0.112	0.009	0.121	-0.113	0.004	0.117	-0.172	0.031	0.203	-0.196	0.008	0.204	0.5000
0.6000	-0.103	-0.001	0.102	-0.116	0.001	0.117	-0.112			-0.126	0.026	0.152	-0.191	0.000	0.192	0.6000
0.6170								0.003								0.6170
0.7000	-0.110	-0.009	0.101	-0.111	-0.001	0.110	-0.110	-0.003	0.108	-0.119	0.021	0.140	-0.187			0.7000
0.7100														-0.001		0.7100
0.8000		-0.011		-0.108	-0.003	0.105	-0.109	0.001	0.110	-0.131	0.018	0.149	-0.182			0.8000
0.8100														-0.011		0.8100
0.9000	-0.086	-0.014	0.072	-0.117			-0.126	0.016	0.142	-0.129	0.014	0.142	-0.155			0.9000
1.0000	-0.054	-0.017	0.037	-0.138	-0.008	0.130	-0.161	0.044	0.205	-0.113	0.007	0.120	-0.108	-0.054	0.102	1.0000
							$M = 1.905$		$\alpha = 03.93$							
0.0000	-0.061	0.053	0.114	-0.162	0.179	0.342	-0.181	0.185	0.365	-0.137	0.220	0.358	-0.161	0.175		0.0000
0.0125	-0.062	0.068	0.131	-0.156	0.162	0.319	-0.173	0.155	0.328	-0.148	0.180	0.328		0.153		0.0125
0.0250	-0.063	0.076	0.138	-0.147	0.146	0.293	-0.169	0.134	0.303	-0.156	0.151	0.306	-0.159	0.136	0.295	0.0250
0.0500	-0.059	0.068	0.127	-0.122	0.114	0.236	-0.168	0.118	0.286	-0.164	0.127	0.290	-0.159	0.117	0.276	0.0500
0.0750	-0.057	0.055	0.112	-0.134	0.099	0.233	-0.173	0.103	0.275	-0.171	0.110	0.281	-0.160	0.099	0.259	0.0750
0.1000	-0.056	0.047	0.103	-0.147	0.080	0.227	-0.173	0.089	0.262	-0.177	0.088	0.265	-0.161	0.081	0.241	0.1000
0.1500	-0.059	0.020	0.079	-0.146	0.059	0.204	-0.163	0.070	0.233	-0.178	0.079	0.258	-0.163	0.060	0.222	0.1500
0.2000	-0.071	0.029	0.100	-0.131	0.047	0.179	-0.154	0.056	0.210	-0.173	0.066	0.239	-0.165	0.051	0.216	0.2000
0.3000	-0.067	0.024	0.091	-0.125	0.033	0.157	-0.143	0.029	0.171	-0.161	0.046	0.207	-0.169	0.036	0.205	0.3000
0.4000	-0.075	0.037	0.112	-0.113	0.018	0.131	-0.136	0.014	0.150	-0.153	0.036	0.189	-0.170	0.026	0.196	0.4000
0.5000	-0.090	0.016	0.106	-0.108	0.004	0.113	-0.128	0.012	0.140	-0.148	0.027	0.175	-0.168	0.019	0.187	0.5000
0.6000	-0.090	0.006	0.096	-0.102	0.004	0.106	-0.108			-0.147	0.026	0.173	-0.165	0.012	0.177	0.6000
0.6170								0.007								0.6170
0.7000	-0.100	-0.005	0.095	-0.102	0.000	0.102	-0.094	0.009	0.103	-0.145	0.021	0.166	-0.161			0.7000
0.7100														0.009		0.7100
0.8000		-0.006		-0.101	-0.001	0.100	-0.097	0.012	0.109	-0.140	0.022	0.163	-0.155			0.8000
0.8100														-0.003		0.8100
0.9000	-0.100	-0.007	0.092	-0.112			-0.114	0.020	0.134	-0.125	0.014	0.140	-0.149			0.9000
1.0000	-0.089	-0.008	0.081	-0.135	0.002	0.137	-0.145	0.032	0.177	-0.100	-0.002	0.098	-0.142	-0.047	0.102	1.0000
							$M = 2.234$		$\alpha = -03.73$							
0.0000	-0.042	0.080	0.122	-0.025	0.243	0.268	-0.014	0.217	0.231	0.049	0.279	0.230	0.002	0.263		0.0000
0.0125	-0.042	0.080	0.122	-0.031	0.199	0.230	-0.019	0.195	0.214	0.013	0.235	0.221		0.241		0.0125
0.0250	-0.042	0.079	0.121	-0.031	0.172	0.202	-0.026	0.178	0.204	-0.012	0.203	0.215	-0.012	0.222	0.233	0.0250
0.0500	-0.040	0.075	0.115	-0.015	0.168	0.183	-0.045	0.159	0.204	-0.029	0.179	0.209	-0.021	0.190	0.211	0.0500
0.0750	-0.044	0.069	0.113	-0.061	0.130	0.191	-0.058	0.142	0.200	-0.045	0.162	0.207	-0.026	0.172	0.199	0.0750
0.1000	-0.045	0.066	0.112	-0.069	0.108	0.177	-0.067	0.128	0.195	-0.057	0.139	0.196	-0.031	0.147	0.178	0.1000
0.1500	-0.049	0.055	0.104	-0.085	0.080	0.165	-0.076	0.105	0.182	-0.069	0.126	0.195	-0.041	0.119	0.160	0.1500
0.2000	-0.061	0.039	0.100	-0.085	0.062	0.147	-0.082	0.086	0.168	-0.074	0.108	0.182	-0.050	0.107	0.157	0.2000
0.3000	-0.052	0.042	0.094	-0.086	0.036	0.122	-0.089	0.055	0.144	-0.079	0.084	0.164	-0.063	0.084	0.147	0.3000
0.4000	-0.063	0.033	0.096	-0.080	0.022	0.102	-0.097	0.035	0.133	-0.087	0.075	0.162	-0.072	0.070	0.142	0.4000
0.5000	-0.066	-0.003	0.062	-0.081	0.015	0.096	-0.101	0.021	0.121	-0.090	0.056	0.145	-0.079	0.062	0.141	0.5000
0.6000	-0.064	0.001	0.065	-0.085	0.006	0.091	-0.099			-0.096	0.047	0.143	-0.087	0.053	0.140	0.6000
0.6170								0.013								0.6170
0.7000	-0.063	0.007	0.069	-0.086	-0.005	0.081	-0.097	0.009	0.107	-0.102	0.037	0.138	-0.088			0.7000
0.7100														0.047		0.7100
0.8000		-0.009		-0.083	-0.005	0.078	-0.099	0.006	0.105	-0.104	0.037	0.141	-0.098			0.8000
0.8100														0.036		0.8100
0.9000	-0.077	-0.021	0.056	-0.084			-0.104	0.015	0.118	-0.106	0.032	0.138	-0.087			0.9000
1.0000	-0.092	-0.030	0.062	-0.090	0.029	0.119	-0.112	0.035	0.147	-0.107	0.022	0.129	-0.057	0.004	0.091	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(i) BV_5 - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 2.234		α = 00.25							
0.0000	-0.039	0.031	0.069	-0.029	0.173	0.203	-0.048	0.194	0.242	0.001	0.237	0.237	-0.030	0.245		0.0000
0.0125	-0.041	0.049	0.090	-0.047	0.171	0.218	-0.049	0.173	0.222	-0.024	0.202	0.226		0.215		0.0125
0.0250	-0.042	0.060	0.102	-0.053	0.165	0.218	-0.051	0.157	0.209	-0.041	0.177	0.218	-0.040	0.191	0.231	0.0250
0.0500	-0.042	0.057	0.099	-0.031	0.144	0.175	-0.064	0.139	0.202	-0.055	0.155	0.210	-0.046	0.164	0.210	0.0500
0.0750	-0.042	0.052	0.095	-0.075	0.125	0.200	-0.076	0.124	0.201	-0.066	0.139	0.205	-0.050	0.145	0.195	0.0750
0.1000	-0.046	0.048	0.095	-0.084	0.098	0.182	-0.085	0.112	0.197	-0.078	0.118	0.196	-0.053	0.124	0.177	0.1000
0.1500	-0.049	0.030	0.079	-0.093	0.071	0.163	-0.091	0.088	0.179	-0.087	0.112	0.199	-0.061	0.099	0.160	0.1500
0.2000	-0.054	0.028	0.082	-0.101	0.047	0.148	-0.097	0.072	0.168	-0.090	0.096	0.187	-0.067	0.088	0.155	0.2000
0.3000	-0.057	0.031	0.088	-0.099	0.033	0.132	-0.102	0.040	0.142	-0.095	0.075	0.170	-0.080	0.068	0.148	0.3000
0.4000	-0.063	0.035	0.099	-0.095	0.022	0.116	-0.108	0.024	0.132	-0.102	0.066	0.168	-0.088	0.054	0.142	0.4000
0.5000	-0.069	0.007	0.076	-0.095	0.011	0.106	-0.108	0.015	0.123	-0.104	0.049	0.154	-0.094	0.047	0.141	0.5000
0.6000	-0.068	-0.006	0.062	-0.098	0.001	0.098	-0.106			-0.109	0.041	0.150	-0.102	0.037	0.139	0.6000
0.6170								0.011								0.6170
0.7000	-0.077	0.006	0.083	-0.094	-0.005	0.089	-0.104	0.004	0.108	-0.114	0.036	0.151	-0.104			0.7000
0.7100														0.032		0.7100
0.8000		-0.002		-0.092	-0.008	0.084	-0.105	0.008	0.113	-0.119	0.037	0.156	-0.112			0.8000
0.8100														0.024		0.8100
0.9000	-0.075	-0.016	0.059	-0.093			-0.109	0.015	0.124	-0.118	0.029	0.147	-0.105			0.9000
1.0000	-0.063	-0.036	0.028	-0.099	-0.004	0.094	-0.117	0.025	0.142	-0.112	0.013	0.125	-0.083	0.001	0.106	1.0000
							M = 2.235		α = 04.28							
0.0000	-0.038	0.041	0.079	-0.039	0.194	0.232	-0.070	0.177	0.246	-0.036	0.220	0.255	-0.061	0.193		0.0000
0.0125	-0.038	0.052	0.090	-0.057	0.161	0.218	-0.070	0.159	0.229	-0.055	0.181	0.235		0.176		0.0125
0.0250	-0.039	0.058	0.097	-0.060	0.141	0.201	-0.072	0.145	0.217	-0.068	0.153	0.221	-0.067	0.161	0.227	0.0250
0.0500	-0.038	0.057	0.095	-0.024	0.136	0.161	-0.078	0.127	0.205	-0.078	0.133	0.212	-0.070	0.136	0.206	0.0500
0.0750	-0.039	0.048	0.087	-0.081	0.103	0.184	-0.087	0.115	0.202	-0.086	0.120	0.206	-0.072	0.121	0.193	0.0750
0.1000	-0.038	0.046	0.083	-0.089	0.086	0.175	-0.093	0.103	0.196	-0.094	0.101	0.195	-0.072	0.104	0.176	0.1000
0.1500	-0.042	0.023	0.065	-0.101	0.072	0.173	-0.097	0.083	0.179	-0.100	0.101	0.201	-0.078	0.081	0.160	0.1500
0.2000	-0.055	0.024	0.079	-0.099	0.058	0.158	-0.099	0.065	0.165	-0.101	0.087	0.188	-0.084	0.073	0.157	0.2000
0.3000	-0.049	0.029	0.079	-0.095	0.037	0.131	-0.102	0.043	0.145	-0.102	0.068	0.170	-0.091	0.056	0.147	0.3000
0.4000	-0.055	0.037	0.092	-0.089	0.027	0.116	-0.102	0.031	0.132	-0.106	0.062	0.167	-0.098	0.044	0.142	0.4000
0.5000	-0.070	0.001	0.071	-0.089	0.019	0.108	-0.100	0.020	0.120	-0.105	0.048	0.153	-0.102	0.038	0.140	0.5000
0.6000	-0.056	0.014	0.070	-0.087	0.015	0.102	-0.097			-0.107	0.042	0.150	-0.108	0.030	0.138	0.6000
0.6170								0.015								0.6170
0.7000	-0.076	0.019	0.095	-0.085	0.007	0.091	-0.093	0.016	0.109	-0.110	0.037	0.147	-0.110			0.7000
0.7100														0.027		0.7100
0.8000		0.008		-0.082	0.007	0.089	-0.091	0.016	0.107	-0.113	0.040	0.153	-0.114			0.8000
0.8100														0.019		0.8100
0.9000	-0.067	-0.011	0.056	-0.088			-0.096	0.027	0.123	-0.109	0.035	0.144	-0.105			0.9000
1.0000	-0.038	-0.038	0.000	-0.101	0.034	0.135	-0.107	0.050	0.157	-0.098	0.019	0.117	-0.085	-0.008	0.098	1.0000
							M = 2.224		α = 08.26							
0.0000	-0.052	0.086	0.138	-0.026	0.177	0.202	-0.097	0.173	0.271	-0.088	0.191	0.280	-0.094	0.190		0.0000
0.0125	-0.059	0.087	0.146	-0.049	0.176	0.225	-0.095	0.155	0.250	-0.095	0.163	0.257		0.157		0.0125
0.0250	-0.063	0.085	0.148	-0.056	0.173	0.229	-0.093	0.142	0.235	-0.100	0.141	0.241	-0.099	0.134	0.232	0.0250
0.0500	-0.061	0.075	0.136	-0.023	0.157	0.180	-0.094	0.126	0.221	-0.106	0.120	0.226	-0.101	0.115	0.216	0.0500
0.0750	-0.061	0.070	0.130	-0.060	0.138	0.199	-0.098	0.113	0.211	-0.109	0.106	0.216	-0.100	0.099	0.200	0.0750
0.1000	-0.062	0.059	0.121	-0.074	0.118	0.192	-0.100	0.104	0.203	-0.114	0.090	0.204	-0.100	0.084	0.184	0.1000
0.1500	-0.064	0.028	0.091	-0.086	0.091	0.176	-0.099	0.085	0.183	-0.115	0.093	0.209	-0.102	0.068	0.170	0.1500
0.2000	-0.067	0.008	0.075	-0.094	0.069	0.163	-0.099	0.070	0.168	-0.112	0.079	0.191	-0.105	0.060	0.165	0.2000
0.3000	-0.059	0.006	0.065	-0.097	0.050	0.147	-0.101	0.044	0.145	-0.108	0.066	0.174	-0.108	0.045	0.153	0.3000
0.4000	-0.064	0.009	0.073	-0.092	0.038	0.130	-0.101	0.032	0.133	-0.107	0.060	0.167	-0.110	0.036	0.146	0.4000
0.5000	-0.067	-0.019	0.048	-0.088	0.033	0.120	-0.096	0.025	0.122	-0.104	0.047	0.151	-0.111	0.031	0.142	0.5000
0.6000	-0.063	-0.005	0.058	-0.082	0.030	0.113	-0.092			-0.104	0.042	0.146	-0.112	0.024	0.136	0.6000
0.6170								0.020								0.6170
0.7000	-0.075	0.005	0.080	-0.079	0.026	0.106	-0.088	0.022	0.111	-0.106	0.038	0.145	-0.112			0.7000
0.7100														0.022		0.7100
0.8000		-0.003		-0.077	0.027	0.103	-0.086	0.024	0.111	-0.109	0.043	0.152	-0.112			0.8000
0.8100														0.017		0.8100
0.9000	-0.082	-0.025	0.057	-0.085			-0.091	0.034	0.125	-0.104	0.038	0.142	-0.106			0.9000
1.0000	-0.078	-0.059	0.018	-0.106	0.042	0.148	-0.103	0.051	0.154	-0.092	0.022	0.115	-0.094	-0.002	0.104	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(i) BV_5 - Concluded

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 2.231		α = 12.29							
0.0000	-0.072	0.138	0.211	-0.034	0.244	0.278	-0.114	0.192	0.306	-0.128	0.197	0.326	-0.129	0.063		0.0000
0.0125	-0.082	0.105	0.187	-0.040	0.203	0.243	-0.108	0.180	0.288	-0.126	0.169	0.296		0.105		0.0125
0.0250	-0.088	0.083	0.172	-0.036	0.175	0.211	-0.103	0.170	0.270	-0.125	0.148	0.274	-0.130	0.127	0.256	0.0250
0.0500	-0.093	0.071	0.165	0.006	0.163	0.156	-0.096	0.156	0.252	-0.125	0.128	0.253	-0.128	0.108	0.236	0.0500
0.0750	-0.094	0.062	0.157	-0.051	0.150	0.201	-0.093	0.146	0.239	-0.123	0.116	0.239	-0.124	0.093	0.216	0.0750
0.1000	-0.096	0.050	0.146	-0.060	0.132	0.192	-0.091	0.138	0.229	-0.119	0.101	0.220	-0.119	0.079	0.198	0.1000
0.1500	-0.101	0.013	0.114	-0.079	0.108	0.187	-0.086	0.120	0.206	-0.113	0.100	0.214	-0.117	0.064	0.180	0.1500
0.2000	-0.107	-0.009	0.098	-0.083	0.091	0.175	-0.082	0.099	0.181	-0.109	0.088	0.197	-0.115	0.057	0.172	0.2000
0.3000	-0.105	-0.036	0.070	-0.092	0.057	0.149	-0.084	0.064	0.148	-0.102	0.068	0.170	-0.113	0.045	0.158	0.3000
0.4000	-0.099	-0.039	0.060	-0.102	0.023	0.125	-0.092	0.049	0.141	-0.095	0.062	0.157	-0.112	0.035	0.147	0.4000
0.5000	-0.099	-0.070	0.029	-0.108	0.007	0.114	-0.096	0.036	0.132	-0.092	0.045	0.137	-0.110	0.030	0.139	0.5000
0.6000	-0.097	-0.074	0.023	-0.110	0.003	0.113	-0.096			-0.094	0.042	0.137	-0.107	0.023	0.130	0.6000
0.6170								0.027								0.6170
0.7000	-0.100	-0.069	0.032	-0.104	-0.005	0.099	-0.094	0.025	0.119	-0.097	0.037	0.135	-0.104			0.7000
0.7100														0.021		0.7100
0.8000		-0.065		-0.101	-0.008	0.093	-0.093	0.031	0.124	-0.104	0.040	0.143	-0.103			0.8000
0.8100														0.015		0.8100
0.9000	-0.103	-0.065	0.038	-0.096			-0.094	0.040	0.134	-0.099	0.034	0.133	-0.097			0.9000
1.0000	-0.103	-0.068	0.035	-0.087	-0.005	0.082	-0.098	0.053	0.151	-0.084	0.020	0.104	-0.085	-0.005	0.091	1.0000
							M = 2.227		α = 16.26							
0.0000	-0.108	0.051	0.159	-0.041	0.075	0.116	-0.063	0.261	0.324	-0.127	0.270	0.397	-0.154	0.196		0.0000
0.0125	-0.113	0.043	0.156	-0.054	0.070	0.124	-0.067	0.228	0.295	-0.122	0.243	0.365		0.170		0.0125
0.0250	-0.116	0.034	0.150	-0.058	0.065	0.123	-0.071	0.204	0.275	-0.119	0.223	0.342	-0.140	0.151	0.291	0.0250
0.0500	-0.115	0.017	0.133	-0.037	0.058	0.095	-0.078	0.183	0.261	-0.118	0.202	0.320	-0.131	0.135	0.267	0.0500
0.0750	-0.114	0.011	0.125	-0.094	0.010	0.104	-0.086	0.173	0.259	-0.115	0.189	0.303	-0.128	0.118	0.247	0.0750
0.1000	-0.117	0.005	0.122	-0.110	-0.005	0.105	-0.090	0.164	0.254	-0.110	0.170	0.280	-0.123	0.105	0.228	0.1000
0.1500	-0.122	-0.027	0.094	-0.122	-0.015	0.106	-0.092	0.146	0.238	-0.103	0.146	0.248	-0.119	0.088	0.207	0.1500
0.2000	-0.128	-0.052	0.076	-0.127	-0.037	0.089	-0.093	0.126	0.220	-0.094	0.125	0.219	-0.116	0.079	0.195	0.2000
0.3000	-0.131	-0.071	0.060	-0.132	-0.058	0.074	-0.095	0.049	0.144	-0.080	0.091	0.171	-0.107	0.063	0.169	0.3000
0.4000	-0.127	-0.077	0.051	-0.137	-0.083	0.053	-0.100		0.099	-0.074	0.074	0.148	-0.093	0.048	0.141	0.4000
0.5000	-0.129	-0.108	0.021	-0.141	-0.098	0.043	-0.107	-0.030	0.078	-0.075	0.054	0.129	-0.082	0.042	0.124	0.5000
0.6000	-0.125	-0.114	0.010	-0.145	-0.107	0.038	-0.115			-0.083	0.043	0.126	-0.081	0.033	0.114	0.6000
0.6170								-0.044								0.6170
0.7000	-0.126	-0.112	0.014	-0.149	-0.116	0.033	-0.120	-0.049	0.072	-0.094	0.035	0.129	-0.089			0.7000
0.7100														0.029		0.7100
0.8000		-0.103		-0.149	-0.112	0.037	-0.125	-0.048	0.077	-0.105	0.033	0.138	-0.094			0.8000
0.8100														0.024		0.8100
0.9000	-0.126	-0.086	0.041	-0.146			-0.133	-0.041	0.092	-0.106	0.027	0.133	-0.091			0.9000
1.0000	-0.125	-0.060	0.065	-0.142	-0.068	0.074	-0.144	-0.028	0.116	-0.097	0.017	0.114	-0.078	0.008	0.099	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(j) BV_5C $\delta = -0.1°$

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.692		α =-04.38							
0.0000	-0.332	0.159	0.491	-0.789	0.292	1.081	-0.785	0.288	1.073	-0.801	0.462	1.263	-0.836	0.417		0.0000
0.0125	-0.299	0.141	0.440	-0.814	0.216	1.031	-0.875	0.238	1.114	-0.832	0.335	1.168		0.329		0.0125
0.0250	-0.271	0.124	0.394	-0.750	0.160	0.910	-0.888	0.199	1.087	-0.847	0.246	1.093	-0.814	0.265	1.079	0.0250
0.0500	-0.228	0.091	0.319	-0.351	0.108	0.459	-0.683	0.150	0.833	-0.824	0.183	1.007	-0.781	0.211	0.992	0.0500
0.0750	-0.209	0.061	0.270	-0.336	0.069	0.405	-0.490	0.120	0.610	-0.709	0.150	0.859	-0.737	0.175	0.912	0.0750
0.1000	-0.195	0.041	0.236	-0.318	0.048	0.366	-0.403	0.096	0.499	-0.592	0.111	0.703	-0.676	0.140	0.816	0.1000
0.1500	-0.208	0.021	0.230	-0.270	0.020	0.290	-0.310	0.058	0.369	-0.428	0.075	0.503	-0.557	0.101	0.658	0.1500
0.2000	-0.194	0.009	0.203	-0.238		0.238	-0.275	0.034	0.309	-0.321	0.055	0.376	-0.442	0.083	0.525	0.2000
0.3000	-0.199	-0.037	0.163	-0.213	-0.014	0.199	-0.225	0.010	0.235	-0.231	0.035	0.266	-0.272	0.053	0.325	0.3000
0.4000	-0.151	-0.032	0.119	-0.179	-0.024	0.154	-0.188	0.003	0.191	-0.187	0.023	0.210	-0.186	0.029	0.215	0.4000
0.5000	-0.172	-0.043	0.129	-0.164	-0.028	0.136	-0.157	0.000	0.158	-0.162	0.015	0.177	-0.145	0.015	0.161	0.5000
0.6000	-0.135	-0.043	0.092	-0.140	-0.028	0.111	-0.128			-0.145	0.013	0.158	-0.114	0.004	0.118	0.6000
0.6170								0.008								0.6170
0.7000	-0.162	-0.046	0.117	-0.119	-0.014	0.105	-0.109	0.016	0.125	-0.121	0.011	0.132	-0.088			0.7000
0.7100														-0.004		0.7100
0.8000		-0.035		-0.092	0.002	0.094	-0.091	0.037	0.127	-0.079	0.008	0.086	-0.050			0.8000
0.8100														-0.010		0.8100
0.9000	-0.088	-0.011	0.077	-0.047			-0.053	0.029	0.083	-0.026	-0.010	0.016	-0.036			0.9000
1.0000	0.015	0.027	0.012	0.016	0.038	0.022	0.003	-0.006	-0.008	0.036	-0.043	-0.079	-0.044	-0.015	0.020	1.0000
							M = 0.700		α =-00.25							
0.0000	-0.267	0.158	0.425	-0.669	0.291	0.960	-0.720	0.285	1.006	-0.661	0.397	1.058	-0.567	0.358		0.0000
0.0125	-0.237	0.143	0.381	-0.745	0.220	0.965	-0.760	0.234	0.994	-0.671	0.303	0.974		0.294		0.0125
0.0250	-0.215	0.129	0.344	-0.712	0.171	0.883	-0.768	0.195	0.963	-0.678	0.235	0.913	-0.597	0.246	0.843	0.0250
0.0500	-0.190	0.101	0.292	-0.321	0.136	0.457	-0.690	0.151	0.841	-0.685	0.179	0.864	-0.607	0.196	0.803	0.0500
0.0750	-0.181	0.077	0.258	-0.296	0.090	0.386	-0.530	0.125	0.655	-0.658	0.148	0.806	-0.597	0.167	0.763	0.0750
0.1000	-0.171	0.061	0.232	-0.281	0.070	0.350	-0.426	0.102	0.528	-0.606	0.117	0.723	-0.585	0.136	0.721	0.1000
0.1500	-0.185	0.047	0.232	-0.238	0.044	0.282	-0.290	0.069	0.358	-0.496	0.081	0.577	-0.547	0.104	0.651	0.1500
0.2000	-0.176	0.037	0.213	-0.211	0.026	0.237	-0.238	0.050	0.288	-0.369	0.063	0.432	-0.489	0.089	0.578	0.2000
0.3000	-0.180		0.180	-0.188	0.008	0.197	-0.194	0.028	0.222	-0.208	0.047	0.254	-0.318	0.059	0.378	0.3000
0.4000	-0.142	0.004	0.145	-0.156	0.004	0.160	-0.165	0.020	0.186	-0.151	0.034	0.185	-0.183	0.041	0.224	0.4000
0.5000	-0.156	-0.008	0.148	-0.145	0.001	0.146	-0.138	0.016	0.154	-0.129	0.030	0.159	-0.121	0.026	0.147	0.5000
0.6000	-0.120	-0.013	0.108	-0.117	0.001	0.118	-0.109			-0.117	0.025	0.142	-0.088	0.015	0.103	0.6000
0.6170								0.026								0.6170
0.7000	-0.142	-0.010	0.132	-0.098	0.012	0.110	-0.089	0.031	0.120	-0.097	0.021	0.118	-0.062			0.7000
0.7100														0.007		0.7100
0.8000		-0.001		-0.070	0.029	0.099	-0.075	0.049	0.124	-0.057	0.017	0.074	-0.034			0.8000
0.8100																0.8100
0.9000	-0.069	0.019	0.088	-0.030			-0.041	0.040	0.081	-0.011	0.003	0.015	-0.022			0.9000
1.0000	0.026	0.051	0.025	0.024	0.076	0.052	0.012	0.004	-0.009	0.040	-0.019	-0.059	-0.025	-0.018	0.003	1.0000
							M = 0.696		α = 03.78							
0.0000	-0.240	0.119	0.359	-0.646	0.257	0.903	-0.700	0.245	0.945	-0.620	0.310	0.930	-0.535	0.294		0.0000
0.0125	-0.221	0.110	0.331	-0.743	0.200	0.943	-0.718	0.207	0.926	-0.614	0.252	0.866		0.238		0.0125
0.0250	-0.206	0.101	0.308	-0.722	0.154	0.876	-0.725	0.177	0.903	-0.611	0.206	0.817	-0.527	0.198	0.725	0.0250
0.0500	-0.192	0.082	0.274	-0.323	0.101	0.424	-0.705	0.138	0.843	-0.615	0.153	0.767	-0.522	0.165	0.687	0.0500
0.0750	-0.185	0.060	0.245	-0.296	0.077	0.373	-0.583	0.115	0.698	-0.610	0.133	0.743	-0.521	0.140	0.660	0.0750
0.1000	-0.179	0.045	0.223	-0.283	0.060	0.343	-0.474	0.093	0.567	-0.595	0.099	0.694	-0.519	0.113	0.631	0.1000
0.1500	-0.191	0.037	0.228	-0.243	0.033	0.277	-0.292	0.066	0.358	-0.541	0.077	0.618	-0.517	0.086	0.603	0.1500
0.2000	-0.184	0.028	0.212	-0.220	0.020	0.240	-0.226	0.049	0.276	-0.436	0.061	0.498	-0.499	0.068	0.568	0.2000
0.3000	-0.190	-0.006	0.184	-0.200	0.004	0.204	-0.188	0.025	0.213	-0.218	0.042	0.260	-0.384	0.046	0.430	0.3000
0.4000	-0.156	-0.007	0.149	-0.170	0.000	0.170	-0.162	0.021	0.183	-0.137	0.030	0.167	-0.244	0.026	0.271	0.4000
0.5000	-0.165	-0.013	0.152	-0.158	-0.005	0.153	-0.139	0.014	0.153	-0.123	0.024	0.147	-0.150	0.013	0.164	0.5000
0.6000	-0.136	-0.018	0.118	-0.131	-0.007	0.124	-0.111			-0.115	0.020	0.135	-0.097	0.002	0.098	0.6000
0.6170								0.023								0.6170
0.7000	-0.148	-0.014	0.134	-0.108	0.005	0.114	-0.096	0.028	0.124	-0.096	0.017	0.113	-0.066			0.7000
0.7100														-0.006		0.7100
0.8000		-0.009		-0.085	0.019	0.104	-0.082	0.043	0.125	-0.064	0.008	0.071	-0.038			0.8000
0.8100														-0.011		0.8100
0.9000	-0.080	0.010	0.090	-0.044			-0.051	0.033	0.085	-0.015	-0.009	0.007	-0.031			0.9000
1.0000	0.001	0.043	0.042	0.014	0.049	0.035	-0.004	-0.002	0.001	0.048	-0.033	-0.082	-0.046	-0.020	0.012	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(j) BV_5C $\delta = -0.1°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	Cp_L	Cp_R	ΔCp	Cp_L	Cp_R	ΔCp	Cp_L	Cp_R	ΔCp	Cp_L	Cp_R	ΔCp	Cp_L	Cp_R	ΔCp	
	M = 0.695 α = 07.76															
0.0000	-0.265	0.112	0.378	-0.672	0.257	0.929	-0.724	0.249	0.974	-0.640	0.332	0.972	-0.512	0.264		0.0000
0.0125	-0.244	0.105	0.350	-0.748	0.196	0.945	-0.742	0.210	0.953	-0.629	0.260	0.890		0.223		0.0125
0.0250	-0.227	0.097	0.324	-0.715	0.150	0.865	-0.746	0.180	0.925	-0.624	0.208	0.832	-0.511	0.192	0.703	0.0250
0.0500	-0.204	0.076	0.280	-0.323	0.099	0.422	-0.708	0.143	0.851	-0.629	0.160	0.789	-0.510	0.162	0.671	0.0500
0.0750	-0.193	0.050	0.244	-0.301	0.070	0.371	-0.561	0.113	0.674	-0.626	0.136	0.762	-0.509	0.140	0.649	0.0750
0.1000	-0.183	0.037	0.219	-0.290	0.052	0.341	-0.448	0.095	0.543	-0.612	0.109	0.721	-0.510	0.113	0.623	0.1000
0.1500	-0.195	0.025	0.219	-0.246	0.024	0.270	-0.285	0.067	0.352	-0.547	0.081	0.628	-0.520	0.090	0.611	0.1500
0.2000	-0.184	0.016	0.200	-0.224	0.011	0.235	-0.229	0.048	0.277	-0.419	0.069	0.487	-0.515	0.076	0.591	0.2000
0.3000	-0.189	-0.014	0.175	-0.200	-0.005	0.195	-0.193	0.025	0.218	-0.194	0.049	0.243	-0.416	0.052	0.468	0.3000
0.4000	-0.152	-0.012	0.140	-0.171	-0.009	0.163	-0.167	0.018	0.185	-0.132	0.035	0.167	-0.244	0.030	0.274	0.4000
0.5000	-0.163	-0.016	0.147	-0.155	-0.013	0.142	-0.142	0.010	0.152	-0.123	0.029	0.153	-0.133	0.018	0.151	0.5000
0.6000	-0.135	-0.020	0.115	-0.127	-0.013	0.115	-0.118			-0.116	0.025	0.142	-0.078	0.006	0.084	0.6000
0.6170								0.019								0.6170
0.7000	-0.148	-0.014	0.133	-0.109	-0.002	0.106	-0.101	0.022	0.124	-0.103	0.022	0.124	-0.051			0.7000
0.7100														-0.003		0.7100
0.8000		-0.002		-0.086	0.012	0.098	-0.087	0.037	0.125	-0.067	0.011	0.078	-0.027			0.8000
0.8100														-0.009		0.8100
0.9000	-0.081	0.016	0.097	-0.047			-0.058	0.023	0.081	-0.023	-0.009	0.015	-0.026			0.9000
1.0000	-0.002	0.039	0.041	0.009	0.048	0.040	-0.013	-0.020	-0.007	0.028	-0.036	-0.064	-0.050	-0.014	0.012	1.0000
	M = 0.697 α = 11.74															
0.0000	-0.278	0.124	0.402	-0.677	0.248	0.925	-0.692	0.233	0.924	-0.694	0.361	1.055	-0.583	0.298		0.0000
0.0125	-0.253	0.113	0.366	-0.729	0.184	0.913	-0.756	0.191	0.948	-0.699	0.269	0.968		0.246		0.0125
0.0250	-0.232	0.101	0.333	-0.687	0.135	0.822	-0.769	0.158	0.927	-0.703	0.203	0.906	-0.598	0.207	0.805	0.0250
0.0500	-0.202	0.071	0.273	-0.315	0.085	0.400	-0.640	0.114	0.754	-0.708	0.149	0.857	-0.605	0.170	0.775	0.0500
0.0750	-0.188	0.045	0.233	-0.297	0.056	0.353	-0.474	0.089	0.564	-0.670	0.121	0.791	-0.604	0.145	0.749	0.0750
0.1000	-0.177	0.033	0.210	-0.283	0.037	0.321	-0.387	0.069	0.455	-0.600	0.089	0.689	-0.606	0.119	0.725	0.1000
0.1500	-0.188	0.023	0.211	-0.240	0.012	0.252	-0.285	0.034	0.320	-0.456	0.064	0.519	-0.596	0.088	0.683	0.1500
0.2000	-0.177	0.019	0.197	-0.216	-0.001	0.215	-0.246	0.013	0.259	-0.318	0.049	0.367	-0.542	0.073	0.615	0.2000
0.3000	-0.181	-0.013	0.168	-0.194	-0.014	0.180	-0.203	-0.009	0.195	-0.199	0.026	0.225	-0.328	0.046	0.374	0.3000
0.4000	-0.145	-0.011	0.133	-0.162	-0.016	0.147	-0.174	-0.012	0.162	-0.163	0.011	0.175	-0.164	0.021	0.186	0.4000
0.5000	-0.158	-0.013	0.145	-0.147	-0.017	0.131	-0.147	-0.016	0.131	-0.149	0.001	0.150	-0.111	0.005	0.116	0.5000
0.6000	-0.128	-0.016	0.112	-0.124	-0.012	0.112	-0.122			-0.136	-0.004	0.132	-0.090	-0.009	0.081	0.6000
0.6170								-0.005								0.6170
0.7000	-0.147	-0.008	0.139	-0.103	0.002	0.105	-0.106	-0.001	0.104	-0.119	-0.006	0.113	-0.074			0.7000
0.7100														-0.018		0.7100
0.8000		0.008		-0.082	0.018	0.100	-0.092	0.017	0.109	-0.082	-0.011	0.071	-0.050			0.8000
0.8100														-0.026		0.8100
0.9000	-0.085	0.023	0.108	-0.043			-0.061	0.009	0.070	-0.036	-0.032	0.004	-0.047			0.9000
1.0000	-0.004	0.036	0.040	0.015	0.056	0.041	-0.015	-0.027	-0.012	0.017	-0.069	-0.086	-0.066	-0.040	0.007	1.0000
	M = 0.695 α = 15.67															
0.0000	-0.216	0.111	0.327	-0.644	0.247	0.892	-0.619	0.225	0.844	-0.612	0.350	0.962	-1.201	0.350		0.0000
0.0125	-0.198	0.107	0.304	-0.672	0.188	0.860	-0.665	0.178	0.843	-0.652	0.236	0.888		0.248		0.0125
0.0250	-0.183	0.100	0.283	-0.619	0.144	0.764	-0.672	0.142	0.814	-0.658	0.156	0.814	-0.819	0.177	0.995	0.0250
0.0500	-0.164	0.077	0.242	-0.270	0.107	0.378	-0.571	0.105	0.676	-0.571	0.099	0.669	-0.575	0.122	0.697	0.0500
0.0750	-0.160	0.057	0.217	-0.259	0.075	0.334	-0.437	0.082	0.519	-0.452	0.072	0.524	-0.470	0.091	0.562	0.0750
0.1000	-0.151	0.045	0.197	-0.250	0.058	0.308	-0.360	0.063	0.423	-0.385	0.039	0.424	-0.393	0.055	0.447	0.1000
0.1500	-0.167	0.036	0.203	-0.209	0.037	0.246	-0.258	0.032	0.290	-0.310	0.017	0.327	-0.306	0.017	0.323	0.1500
0.2000	-0.162	0.029	0.191	-0.186	0.024	0.210	-0.212	0.019	0.231	-0.262	0.003	0.265	-0.267	0.002	0.269	0.2000
0.3000	-0.167	-0.004	0.163	-0.163	0.013	0.176	-0.173	0.001	0.174	-0.207	-0.008	0.199	-0.216	-0.029	0.187	0.3000
0.4000	-0.137	-0.007	0.130	-0.134	0.013	0.147	-0.139	0.000	0.140	-0.170	-0.014	0.156	-0.174	-0.051	0.123	0.4000
0.5000	-0.149	-0.013	0.136	-0.126	0.014	0.141	-0.114	0.001	0.114	-0.147	-0.014	0.133	-0.139	-0.060	0.079	0.5000
0.6000	-0.124	-0.021	0.103	-0.104	0.018	0.122	-0.092			-0.133	-0.012	0.121	-0.113	-0.068	0.045	0.6000
0.6170								0.009								0.6170
0.7000	-0.146	-0.020	0.126	-0.086	0.031	0.117	-0.076	0.018	0.094	-0.111	-0.011	0.100	-0.087			0.7000
0.7100														-0.068		0.7100
0.8000		-0.014		-0.068	0.047	0.115	-0.064	0.034	0.098	-0.072	-0.011	0.060	-0.057			0.8000
0.8100														-0.076		0.8100
0.9000	-0.094	-0.002	0.092	-0.031			-0.037	0.031	0.069	-0.027	-0.022	0.005	-0.046			0.9000
1.0000	-0.019	0.018	0.037	0.025	0.087	0.062	0.005	0.010	0.005	0.023	-0.044	-0.067	-0.055	-0.115	-0.069	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(j) BV_5C $\delta = -0.1°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.901		α = 03.83							
0.0000	-0.178	0.114	0.292	-0.510	0.245	0.755	-0.675	0.222	0.897	-0.597	0.324	0.921	-0.477	0.292		0.0000
0.0125	-0.170	0.108	0.278	-0.672	0.186	0.858	-0.672	0.186	0.857	-0.589	0.244	0.833		0.237		0.0125
0.0250	-0.164	0.101	0.265	-0.689	0.143	0.832	-0.674	0.156	0.830	-0.585	0.187	0.772	-0.488	0.196	0.683	0.0250
0.0500	-0.161	0.083	0.244	-0.283	0.109	0.393	-0.695	0.119	0.814	-0.585	0.140	0.726	-0.493	0.157	0.650	0.0500
0.0750	-0.163	0.061	0.224	-0.282	0.069	0.351	-0.611	0.097	0.708	-0.588	0.117	0.705	-0.493	0.134	0.627	0.0750
0.1000	-0.163	0.048	0.211	-0.290	0.051	0.342	-0.518	0.081	0.599	-0.579	0.090	0.669	-0.489	0.112	0.600	0.1000
0.1500	-0.186	0.036	0.222	-0.238	0.028	0.265	-0.344	0.049	0.394	-0.529	0.079	0.608	-0.482	0.084	0.566	0.1500
0.2000	-0.183	0.028	0.211	-0.229	0.013	0.242	-0.251	0.033	0.284	-0.460	0.064	0.524	-0.470	0.071	0.541	0.2000
0.3000	-0.205	-0.009	0.196	-0.218	-0.003	0.215	-0.211	0.011	0.221	-0.294	0.055	0.348	-0.414	0.048	0.462	0.3000
0.4000	-0.161	-0.005	0.156	-0.188	-0.007	0.181	-0.181	0.007	0.188	-0.166	0.048	0.214	-0.312	0.030	0.341	0.4000
0.5000	-0.186	-0.018	0.168	-0.177	-0.012	0.165	-0.147	0.007	0.154	-0.121	0.043	0.164	-0.209	0.013	0.222	0.5000
0.6000	-0.151	-0.018	0.134	-0.143	-0.017	0.126	-0.115			-0.114	0.042	0.156	-0.120	-0.001	0.119	0.6000
0.6170								0.021								0.6170
0.7000	-0.171	-0.025	0.146	-0.116	-0.003	0.114	-0.094	0.029	0.123	-0.099	0.039	0.138	-0.057			0.7000
0.7100														-0.008		0.7100
0.8000		-0.020		-0.085	0.023	0.109	-0.077	0.051	0.128	-0.055	0.029	0.084	-0.021			0.8000
0.8100														-0.012		0.8100
0.9000	-0.079	0.010	0.089	-0.034			-0.042	0.042	0.084	-0.002	0.016	0.018	-0.015			0.9000
1.0000	0.032	0.065	0.033	0.037	0.111	0.074	0.012	0.004	-0.008	0.060	-0.001	-0.060	-0.040	-0.011	0.004	1.0000
							M = 0.952		α = 03.87							
0.0000	-0.170	0.121	0.291	-0.503	0.236	0.739	-0.675	0.215	0.890	-0.650	0.315	0.965	-0.475	0.311		0.0000
0.0125	-0.150	0.114	0.263	-0.675	0.178	0.852	-0.669	0.175	0.843	-0.644	0.230	0.874		0.253		0.0125
0.0250	-0.137	0.105	0.242	-0.684	0.137	0.820	-0.667	0.143	0.810	-0.639	0.170	0.809	-0.483	0.211	0.694	0.0250
0.0500	-0.137	0.083	0.219	-0.212	0.107	0.320	-0.680	0.108	0.787	-0.638	0.125	0.763	-0.487	0.174	0.661	0.0500
0.0750	-0.142	0.068	0.210	-0.272	0.066	0.338	-0.629	0.085	0.714	-0.635	0.102	0.738	-0.488	0.150	0.638	0.0750
0.1000	-0.145	0.054	0.200	-0.285	0.048	0.334	-0.526	0.066	0.593	-0.635	0.077	0.712	-0.485	0.125	0.610	0.1000
0.1500	-0.177	0.039	0.216	-0.265	0.022	0.288	-0.370	0.037	0.408	-0.575	0.061	0.635	-0.478	0.102	0.580	0.1500
0.2000	-0.179	0.030	0.209	-0.235	0.006	0.240	-0.293	0.020	0.313	-0.492	0.050	0.542	-0.469	0.090	0.559	0.2000
0.3000	-0.206	-0.010	0.196	-0.244	-0.014	0.230	-0.247		0.247	-0.296	0.046	0.342	-0.415	0.068	0.483	0.3000
0.4000	-0.168	-0.009	0.159	-0.220	-0.018	0.202	-0.231	-0.004	0.227	-0.131	0.046	0.177	-0.332	0.048	0.380	0.4000
0.5000	-0.213	-0.027	0.186	-0.214	-0.023	0.191	-0.168	0.005	0.172	-0.094	0.046	0.140	-0.233	0.028	0.261	0.5000
0.6000	-0.181	-0.024	0.157	-0.188	-0.028	0.160	-0.090			-0.107	0.048	0.155	-0.124	0.007	0.131	0.6000
0.6170								0.024								0.6170
0.7000	-0.208	-0.039	0.170	-0.124	-0.005	0.119	-0.068	0.042	0.109	-0.095	0.046	0.141	-0.037			0.7000
0.7100														-0.002		0.7100
0.8000		-0.032		-0.066	0.030	0.096	-0.061	0.072	0.133	-0.040	0.036	0.076	0.012			0.8000
0.8100														-0.003		0.8100
0.9000	-0.072	0.016	0.089	-0.015			-0.023	0.060	0.084	0.022	0.016	-0.007	0.011			0.9000
1.0000	0.092	0.107	0.015	0.031	0.137	0.106	0.047	0.008	-0.038	0.093	-0.014	-0.107	-0.039	0.018	0.007	1.0000
							M = 1.059		α = 04.03							
0.0000	-0.144	0.092	0.236	-0.497	0.204	0.700	-0.607	0.175	0.782	-0.613	0.289	0.903	-0.712	0.229		0.0000
0.0125	-0.128	0.091	0.219	-0.599	0.150	0.748	-0.600	0.137	0.737	-0.609	0.191	0.800		0.161		0.0125
0.0250	-0.120	0.087	0.206	-0.586	0.113	0.699	-0.599	0.108	0.706	-0.607	0.123	0.730	-0.703	0.111	0.814	0.0250
0.0500	-0.122	0.071	0.193	-0.218	0.088	0.306	-0.613	0.075	0.688	-0.609	0.076	0.685	-0.699	0.071	0.771	0.0500
0.0750	-0.126	0.054	0.180	-0.269	0.045	0.314	-0.560	0.054	0.614	-0.595	0.052	0.647	-0.701	0.045	0.746	0.0750
0.1000	-0.129	0.041	0.170	-0.274	0.024	0.298	-0.445	0.035	0.480	-0.554	0.024	0.578	-0.705	0.018	0.723	0.1000
0.1500	-0.166	0.029	0.195	-0.248	-0.004	0.245	-0.312	0.006	0.317	-0.482	0.022	0.504	-0.672	-0.007	0.665	0.1500
0.2000	-0.165	0.019	0.184	-0.249	-0.015	0.234	-0.276	-0.013	0.262	-0.417	0.005	0.423	-0.502	-0.021	0.481	0.2000
0.3000	-0.200	-0.029	0.170	-0.222	-0.039	0.182	-0.266	-0.031	0.235	-0.315	-0.021	0.294	-0.289	-0.039	0.250	0.3000
0.4000	-0.152	-0.030	0.123	-0.235	-0.048	0.187	-0.251	-0.044	0.207	-0.271	-0.039	0.232	-0.283	-0.044	0.239	0.4000
0.5000	-0.222	-0.050	0.172	-0.223	-0.046	0.177	-0.239	-0.068	0.171	-0.258	-0.051	0.207	-0.289	-0.044	0.245	0.5000
0.6000	-0.191	-0.046	0.145	-0.226	-0.069	0.156	-0.242			-0.259	-0.050	0.209	-0.287	-0.051	0.235	0.6000
0.6170								-0.079								0.6170
0.7000	-0.259	-0.073	0.186	-0.231	-0.087	0.144	-0.233	-0.075	0.158	-0.270	-0.039	0.230	-0.249			0.7000
0.7100														-0.068		0.7100
0.8000		-0.110		-0.222	-0.082	0.140	-0.243	-0.045	0.198	-0.277	-0.031	0.245	-0.120			0.8000
0.8100														-0.087		0.8100
0.9000	-0.214	-0.083	0.131	-0.206			-0.195	-0.045	0.150	-0.115	-0.027	0.088	-0.045			0.9000
1.0000	-0.100	0.007	0.107	-0.184	-0.006	0.177	-0.089	-0.075	0.015	0.215	-0.026	-0.241	-0.023	-0.128	-0.083	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(j) BV_5C $\delta = -0.1°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.100		α = 04.03							
0.0000	-0.118	0.123	0.241	-0.468	0.234	0.702	-0.534	0.224	0.759	-0.570	0.324	0.893	-0.673	0.257		0.0000
0.0125	-0.106	0.116	0.222	-0.550	0.178	0.728	-0.533	0.189	0.723	-0.564	0.223	0.787		0.191		0.0125
0.0250	-0.099	0.109	0.208	-0.532	0.138	0.670	-0.535	0.162	0.697	-0.560	0.154	0.714	-0.663	0.143	0.806	0.0250
0.0500	-0.096	0.095	0.191	-0.198	0.108	0.306	-0.549	0.128	0.676	-0.563	0.107	0.670	-0.659	0.103	0.762	0.0500
0.0750	-0.096	0.080	0.176	-0.228	0.079	0.307	-0.502	0.107	0.609	-0.548	0.082	0.630	-0.662	0.078	0.741	0.0750
0.1000	-0.097	0.066	0.164	-0.229	0.063	0.292	-0.384	0.091	0.475	-0.494	0.054	0.548	-0.666	0.054	0.720	0.1000
0.1500	-0.135	0.055	0.190	-0.203	0.042	0.245	-0.257	0.059	0.315	-0.423	0.037	0.461	-0.624	0.031	0.655	0.1500
0.2000	-0.133	0.047	0.180	-0.194	0.034	0.227	-0.222	0.033	0.255	-0.359	0.019	0.378	-0.421	0.020	0.441	0.2000
0.3000	-0.163	0.000	0.163	-0.161	0.017	0.178	-0.214	0.004	0.218	-0.274	0.000	0.274	-0.238	0.006	0.244	0.3000
0.4000	-0.118	-0.024	0.094	-0.172	0.002	0.173	-0.207	-0.011	0.196	-0.234	-0.011	0.224	-0.236	0.001	0.237	0.4000
0.5000	-0.164	0.000	0.164	-0.170	-0.009	0.161	-0.197	-0.029	0.168	-0.213	-0.014	0.199	-0.236	-0.003	0.233	0.5000
0.6000	-0.145	-0.019	0.127	-0.167	-0.025	0.142	-0.192			-0.207	-0.010	0.197	-0.238	-0.012	0.226	0.6000
0.6170								-0.031								0.6170
0.7000	-0.177	-0.006	0.171	-0.171	-0.038	0.133	-0.183	-0.022	0.161	-0.218	-0.003	0.215	-0.225			0.7000
0.7100														-0.032		0.7100
0.8000		-0.041		-0.169	-0.018	0.151	-0.198	0.004	0.202	-0.235	0.001	0.236	-0.106			0.8000
0.8100														-0.049		0.8100
0.9000	-0.175	-0.022	0.154	-0.175			-0.169	0.000	0.169	-0.084	0.002	0.085	-0.020			0.9000
1.0000	-0.141	0.051	0.193	-0.188	0.121	0.309	-0.098	-0.033	0.064	0.237		-0.237	0.035	-0.084	-0.064	1.0000
							M = 1.302		α =-04.08							
0.0000	-0.150	0.160	0.310	-0.418	0.218	0.636	-0.488	0.203	0.690	-0.443	0.338	0.780	-0.453	0.255		0.0000
0.0125	-0.127	0.141	0.269	-0.383	0.176	0.560	-0.470	0.176	0.646	-0.438	0.238	0.675		0.195		0.0125
0.0250	-0.113	0.128	0.240	-0.351	0.146	0.497	-0.448	0.154	0.602	-0.434	0.170	0.604	-0.442	0.150	0.593	0.0250
0.0500	-0.109	0.113	0.223	-0.293	0.117	0.410	-0.390	0.122	0.512	-0.434	0.129	0.563	-0.433	0.107	0.540	0.0500
0.0750	-0.100	0.089	0.189	-0.272	0.092	0.364	-0.364	0.101	0.465	-0.416	0.106	0.522	-0.426	0.078	0.504	0.0750
0.1000	-0.093	0.071	0.164	-0.241	0.082	0.323	-0.355	0.077	0.433	-0.387	0.073	0.461	-0.422	0.048	0.470	0.1000
0.1500	-0.116	0.047	0.163	-0.203	0.045	0.249	-0.353	0.045	0.398	-0.371	0.052	0.422	-0.412	0.020	0.433	0.1500
0.2000	-0.132	0.050	0.182	-0.170	0.020	0.191	-0.340	0.027	0.367	-0.368	0.026	0.395	-0.399	0.007	0.406	0.2000
0.3000	-0.089	-0.023	0.066	-0.160	-0.003	0.158	-0.171	-0.007	0.163	-0.364	-0.003	0.361	-0.358	-0.008	0.350	0.3000
0.4000	-0.082	-0.008	0.074	-0.149	-0.033	0.116	-0.177	-0.025	0.152	-0.250	-0.012	0.238	-0.335	-0.019	0.316	0.4000
0.5000	-0.147	-0.022	0.125	-0.168	-0.029	0.139	-0.181	-0.028	0.153	-0.180	-0.025	0.155	-0.327	-0.027	0.300	0.5000
0.6000	-0.141	-0.046	0.095	-0.157	-0.039	0.117	-0.176			-0.190	-0.036	0.154	-0.328	-0.037	0.292	0.6000
0.6170								-0.042								0.6170
0.7000	-0.171	-0.045	0.126	-0.155	-0.051	0.104	-0.169	-0.051	0.119	-0.202	-0.041	0.161	-0.272			0.7000
0.7100														-0.041		0.7100
0.8000		-0.074		-0.163	-0.045	0.118	-0.176	-0.041	0.135	-0.210	-0.036	0.173	-0.198			0.8000
0.8100														-0.063		0.8100
0.9000	-0.160	-0.031	0.108	-0.178			-0.212	-0.028	0.184	-0.206	-0.046	0.161	-0.153			0.9000
1.0000	-0.119	0.025	0.143	-0.202	0.019	0.221	-0.277	-0.011	0.266	-0.191	-0.069	0.122	-0.137	-0.152	0.001	1.0000
							M = 1.303		α =-00.25							
0.0000	-0.109	0.105	0.214	-0.377	0.223	0.599	-0.500	0.196	0.697	-0.565	0.316	0.880	-0.527	0.242		0.0000
0.0125	-0.097	0.108	0.205	-0.371	0.174	0.545	-0.454	0.165	0.619	-0.490	0.223	0.713		0.186		0.0125
0.0250	-0.090	0.107	0.197	-0.355	0.139	0.495	-0.423	0.139	0.562	-0.440	0.159	0.599	-0.501	0.143	0.644	0.0250
0.0500	-0.093	0.096	0.189	-0.294	0.113	0.406	-0.404	0.106	0.511	-0.415	0.121	0.535	-0.481	0.104	0.585	0.0500
0.0750	-0.086	0.076	0.162	-0.214	0.093	0.307	-0.402	0.086	0.489	-0.403	0.095	0.498	-0.468	0.079	0.547	0.0750
0.1000	-0.079	0.063	0.143	-0.207	0.076	0.283	-0.403	0.072	0.475	-0.399	0.066	0.465	-0.447	0.055	0.502	0.1000
0.1500	-0.112	0.050	0.161	-0.182	0.047	0.229	-0.320	0.050	0.370	-0.402	0.039	0.441	-0.413	0.030	0.443	0.1500
0.2000	-0.115	0.053	0.168	-0.155	0.015	0.170	-0.191	0.035	0.226	-0.381	0.023	0.404	-0.398	0.020	0.418	0.2000
0.3000	-0.102	-0.010	0.092	-0.168	0.009	0.177	-0.182	-0.006	0.176	-0.226	0.008	0.234	-0.389	0.001	0.390	0.3000
0.4000	-0.083	-0.010	0.074	-0.152	-0.022	0.131	-0.171	-0.009	0.162	-0.182	-0.008	0.174	-0.292	-0.011	0.282	0.4000
0.5000	-0.145	-0.007	0.138	-0.159	-0.013	0.145	-0.170	-0.021	0.149	-0.183	-0.021	0.162	-0.177	-0.017	0.160	0.5000
0.6000	-0.139	-0.029	0.110	-0.152	-0.029	0.122	-0.164			-0.181	-0.027	0.154	-0.194	-0.025	0.169	0.6000
0.6170								-0.031								0.6170
0.7000	-0.167	-0.024	0.143	-0.155	-0.036	0.119	-0.163	-0.032	0.131	-0.191	-0.029	0.162	-0.205			0.7000
0.7100														-0.032		0.7100
0.8000		-0.060		-0.161	-0.035	0.127	-0.172	-0.023	0.149	-0.203	-0.022	0.181	-0.207			0.8000
0.8100														-0.053		0.8100
0.9000	-0.159	-0.030	0.129	-0.170			-0.203	-0.015	0.188	-0.204	-0.036	0.168	-0.161			0.9000
1.0000	-0.122	0.068	0.190	-0.180	-0.010	0.170	-0.258	-0.010	0.248	-0.194	-0.072	0.122	-0.069	-0.136	0.025	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(j) BV_5C $\delta = -0.1°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.302 α = 03.78															
0.0000	-0.087	0.095	0.182	-0.343	0.218	0.561	-0.432	0.185	0.616	-0.482	0.286	0.768	-0.557	0.246		0.0000
0.0125	-0.079	0.093	0.172	-0.361	0.173	0.534	-0.423	0.158	0.581	-0.452	0.206	0.659		0.185		0.0125
0.0250	-0.075	0.090	0.165	-0.356	0.142	0.498	-0.416	0.137	0.554	-0.433	0.151	0.585	-0.500	0.142	0.642	0.0250
0.0500	-0.078	0.079	0.157	-0.278	0.120	0.398	-0.411	0.111	0.522	-0.427	0.114	0.540	-0.469	0.106	0.575	0.0500
0.0750	-0.078	0.066	0.144	-0.192	0.094	0.286	-0.415	0.094	0.509	-0.424	0.090	0.514	-0.464	0.084	0.549	0.0750
0.1000	-0.075	0.057	0.132	-0.194	0.078	0.272	-0.383	0.083	0.466	-0.423	0.064	0.486	-0.458	0.062	0.520	0.1000
0.1500	-0.105	0.050	0.155	-0.171	0.046	0.217	-0.245	0.062	0.307	-0.399	0.045	0.445	-0.462	0.041	0.502	0.1500
0.2000	-0.102	0.053	0.155	-0.152	0.023	0.176	-0.189	0.038	0.226	-0.283	0.031	0.315	-0.441	0.032	0.473	0.2000
0.3000	-0.108	0.008	0.116	-0.158	0.014	0.172	-0.169	0.011	0.180	-0.198	0.013	0.212	-0.200	0.014	0.214	0.3000
0.4000	-0.089	-0.019	0.070	-0.147	0.009	0.155	-0.171	0.000	0.172	-0.186	0.001	0.187	-0.188		0.188	0.4000
0.5000	-0.139	0.007	0.146	-0.152	-0.003	0.150	-0.165	-0.009	0.156	-0.174	-0.011	0.163	-0.187	-0.009	0.177	0.5000
0.6000	-0.134	-0.016	0.118	-0.151	-0.016	0.135	-0.158			-0.170	-0.020	0.150	-0.187	-0.019	0.167	0.6000
0.6170								-0.016								0.6170
0.7000	-0.161	0.004	0.165	-0.152	-0.018	0.133	-0.154	-0.019	0.135	-0.174	-0.023	0.151	-0.200			0.7000
0.7100														-0.024		0.7100
0.8000		-0.044		-0.151	-0.027	0.124	-0.163	-0.015	0.148	-0.189	-0.015	0.174	-0.197			0.8000
0.8100														-0.043		0.8100
0.9000	-0.154	-0.013	0.141	-0.161			-0.185	-0.002	0.183	-0.189	-0.025	0.164	-0.172			0.9000
1.0000	-0.119	0.097	0.215	-0.181	-0.066	0.115	-0.221	0.020	0.241	-0.173	-0.053	0.120	-0.125	-0.114	0.059	1.0000
	M = 1.304 α = 07.91															
0.0000	-0.108	0.084	0.192	-0.353	0.219	0.573	-0.443	0.184	0.627	-0.502	0.271	0.772	-0.509	0.236		0.0000
0.0125	-0.102	0.031	0.183	-0.364	0.165	0.529	-0.430	0.157	0.587	-0.475	0.199	0.673		0.178		0.0125
0.0250	-0.098	0.077	0.175	-0.358	0.128	0.486	-0.422	0.135	0.557	-0.457	0.148	0.605	-0.491	0.136	0.627	0.0250
0.0500	-0.091	0.066	0.157	-0.291	0.108	0.399	-0.419	0.107	0.525	-0.452	0.110	0.563	-0.480	0.102	0.583	0.0500
0.0750	-0.085	0.049	0.134	-0.204	0.083	0.287	-0.423	0.093	0.516	-0.450	0.089	0.539	-0.478	0.080	0.558	0.0750
0.1000	-0.079	0.041	0.120	-0.203	0.065	0.268	-0.387	0.087	0.474	-0.448	0.064	0.512	-0.476	0.058	0.534	0.1000
0.1500	-0.107	0.038	0.145	-0.176	0.034	0.210	-0.240	0.066	0.305	-0.403	0.044	0.447	-0.479	0.037	0.517	0.1500
0.2000	-0.102	0.043	0.146	-0.163	0.010	0.173	-0.195	0.035	0.230	-0.279	0.031	0.311	-0.457	0.027	0.484	0.2000
0.3000	-0.113	-0.009	0.103	-0.159	0.003	0.162	-0.180	0.003	0.183	-0.200	0.009	0.209	-0.181	0.014	0.195	0.3000
0.4000	-0.089	-0.028	0.061	-0.147	-0.003	0.145	-0.178	-0.001	0.177	-0.181	-0.007	0.174	-0.185	0.001	0.187	0.4000
0.5000	-0.135	-0.002	0.133	-0.161	-0.016	0.145	-0.174	-0.015	0.159	-0.169	-0.016	0.153	-0.194	-0.004	0.189	0.5000
0.6000	-0.134	-0.021	0.113	-0.155	-0.026	0.129	-0.159			-0.170	-0.014	0.156	-0.195	-0.009	0.186	0.6000
0.6170								-0.027								0.6170
0.7000	-0.162	-0.003	0.158	-0.149	-0.025	0.124	-0.154	-0.025	0.129	-0.172	-0.012	0.160	-0.189			0.7000
0.7100														-0.015		0.7100
0.8000		-0.038		-0.144	-0.028	0.116	-0.154	-0.012	0.142	-0.172	-0.007	0.165	-0.171			0.8000
0.8100														-0.033		0.8100
0.9000	-0.147	-0.010	0.137	-0.157			-0.175	0.007	0.182	-0.174	-0.022	0.152	-0.156			0.9000
1.0000	-0.105	0.080	0.185	-0.188	-0.042	0.147	-0.217	0.033	0.250	-0.179	-0.058	0.120	-0.144	-0.099	0.057	1.0000
	M = 1.302 α = 11.89															
0.0000	-0.125	0.110	0.235	-0.370	0.216	0.587	-0.456	0.176	0.632	-0.573	0.273	0.846	-0.583	0.244		0.0000
0.0125	-0.115	0.101	0.216	-0.387	0.163	0.550	-0.437	0.148	0.585	-0.503	0.191	0.695		0.186		0.0125
0.0250	-0.107	0.092	0.199	-0.385	0.126	0.511	-0.423	0.125	0.548	-0.459	0.133	0.593	-0.535	0.144	0.679	0.0250
0.0500	-0.100	0.073	0.173	-0.327	0.103	0.430	-0.414	0.091	0.505	-0.446	0.091	0.537	-0.505	0.109	0.614	0.0500
0.0750	-0.091	0.054	0.145	-0.225	0.076	0.302	-0.417	0.079	0.496	-0.441	0.066	0.507	-0.494	0.087	0.581	0.0750
0.1000	-0.084	0.044	0.128	-0.216	0.062	0.278	-0.411	0.067	0.478	-0.443	0.037	0.480	-0.488	0.064	0.552	0.1000
0.1500	-0.116	0.041	0.157	-0.171	0.030	0.201	-0.283	0.052	0.335	-0.442	0.021	0.463	-0.486	0.041	0.526	0.1500
0.2000	-0.107	0.049	0.156	-0.151	0.010	0.161	-0.214	0.027	0.241	-0.373	0.011	0.383	-0.480	0.024	0.505	0.2000
0.3000	-0.104	-0.009	0.095	-0.150	0.010	0.161	-0.183	-0.019	0.164	-0.216	-0.001	0.215	-0.274	0.004	0.278	0.3000
0.4000	-0.076	-0.017	0.059	-0.155	-0.002	0.153	-0.186	-0.026	0.160	-0.197	-0.009	0.188	-0.183	-0.015	0.168	0.4000
0.5000	-0.137	0.006	0.143	-0.150	0.002	0.151	-0.172	-0.037	0.135	-0.169	-0.024	0.145	-0.181	-0.027	0.154	0.5000
0.6000	-0.134	-0.012	0.123	-0.146	-0.022	0.124	-0.157			-0.161	-0.031	0.130	-0.183	-0.030	0.153	0.6000
0.6170								-0.038								0.6170
0.7000	-0.157	-0.013	0.144	-0.139	-0.019	0.120	-0.148	-0.031	0.117	-0.166	-0.036	0.130	-0.190			0.7000
0.7100														-0.034		0.7100
0.8000		-0.044		-0.144	-0.024	0.120	-0.151	-0.021	0.130	-0.184	-0.028	0.156	-0.185			0.8000
0.8100														-0.053		0.8100
0.9000	-0.155	-0.005	0.150	-0.151			-0.173	-0.008	0.165	-0.195	-0.040	0.155	-0.163			0.9000
1.0000	-0.130	0.104	0.234	-0.162	-0.054	0.108	-0.214	0.007	0.221	-0.198	-0.071	0.127	-0.123	-0.132	0.031	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(j) BV_5C $\delta = -0.1°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.302 α = 15.82															
0.0000	-0.120	0.097	0.217	-0.329	0.206	0.535	-0.429	0.169	0.598	-0.523	0.244	0.766	-0.524	0.168		0.0000
0.0125	-0.110	0.092	0.203	-0.361	0.162	0.524	-0.418	0.138	0.556	-0.456	0.155	0.611		0.112		0.0125
0.0250	-0.105	0.087	0.192	-0.361	0.132	0.494	-0.411	0.113	0.524	-0.414	0.092	0.507	-0.497	0.070	0.567	0.0250
0.0500	-0.108	0.075	0.183	-0.263	0.112	0.375	-0.406	0.084	0.491	-0.403	0.049	0.452	-0.476	0.034	0.509	0.0500
0.0750	-0.098	0.053	0.152	-0.186	0.088	0.274	-0.404	0.068	0.472	-0.394	0.025	0.419	-0.461	0.009	0.470	0.0750
0.1000	-0.089	0.039	0.128	-0.197	0.074	0.270	-0.372	0.054	0.426	-0.395	-0.008	0.387	-0.440	-0.014	0.425	0.1000
0.1500	-0.121	0.033	0.154	-0.159	0.050	0.209	-0.234	0.037	0.271	-0.384	-0.012	0.372	-0.414	-0.041	0.373	0.1500
0.2000	-0.124	0.044	0.168	-0.145	0.024	0.169	-0.181	0.016	0.197	-0.287	-0.015	0.272	-0.406	-0.054	0.351	0.2000
0.3000	-0.106	-0.024	0.082	-0.152	0.023	0.175	-0.152	-0.008	0.144	-0.210	-0.024	0.185	-0.378	-0.079	0.299	0.3000
0.4000	-0.089	-0.017	0.071	-0.144	-0.007	0.137	-0.149	-0.012	0.137	-0.188	-0.033	0.155	-0.234	-0.081	0.153	0.4000
0.5000	-0.152	-0.015	0.137	-0.145	0.012	0.156	-0.149	-0.033	0.116	-0.179	-0.037	0.142	-0.214	-0.073	0.141	0.5000
0.6000	-0.159	-0.051	0.108	-0.145	-0.006	0.139	-0.152			-0.173	-0.035	0.138	-0.204	-0.068	0.136	0.6000
0.6170								-0.032								0.6170
0.7000	-0.188	-0.075	0.113	-0.137	-0.007	0.129	-0.133	-0.026	0.106	-0.172	-0.030	0.142	-0.204			0.7000
0.7100														-0.071		0.7100
0.8000		-0.085		-0.135	0.003	0.138	-0.132	-0.015	0.118	-0.178	-0.020	0.157	-0.191			0.8000
0.8100														-0.092		0.8100
0.9000	-0.165	-0.066	0.100	-0.156			-0.160	0.002	0.162	-0.181	-0.029	0.152	-0.155			0.9000
1.0000	-0.115	-0.018	0.096	-0.199	0.058	0.257	-0.215	0.025	0.240	-0.182	-0.057	0.125	-0.094	-0.180	-0.025	1.0000
	M = 1.501 α = 03.78															
0.0000	-0.069	0.083	0.152	-0.314	0.203	0.517	-0.388	0.176	0.564	-0.375	0.245	0.619	-0.399	0.227		0.0000
0.0125	-0.064	0.080	0.144	-0.284	0.158	0.442	-0.361	0.155	0.516	-0.364	0.187	0.551		0.174		0.0125
0.0250	-0.061	0.077	0.138	-0.256	0.128	0.384	-0.336	0.138	0.474	-0.355	0.145	0.500	-0.373	0.136	0.510	0.0250
0.0500	-0.064	0.070	0.133	-0.206	0.109	0.316	-0.294	0.116	0.410	-0.343	0.112	0.455	-0.355	0.109	0.464	0.0500
0.0750	-0.064	0.058	0.123	-0.206	0.086	0.293	-0.279	0.102	0.381	-0.321	0.094	0.415	-0.345	0.085	0.430	0.0750
0.1000	-0.064	0.049	0.113	-0.189	0.076	0.266	-0.273	0.088	0.360	-0.306	0.071	0.377	-0.331	0.059	0.391	0.1000
0.1500	-0.087	0.042	0.129	-0.158	0.053	0.210	-0.268	0.065	0.334	-0.297	0.053	0.351	-0.312	0.040	0.352	0.1500
0.2000	-0.090	0.049	0.139	-0.134	0.039	0.173	-0.236	0.047	0.283	-0.297	0.040	0.336	-0.300	0.030	0.331	0.2000
0.3000	-0.085	0.012	0.097	-0.129	0.023	0.152	-0.140	0.024	0.164	-0.280	0.015	0.295	-0.290	0.018	0.307	0.3000
0.4000	-0.072	0.010	0.082	-0.122	-0.003	0.119	-0.150	0.003	0.153	-0.162	0.008	0.171	-0.270	0.009	0.280	0.4000
0.5000	-0.122	0.012	0.133	-0.141	0.003	0.143	-0.143	-0.005	0.138	-0.139	-0.003	0.137	-0.214	0.004	0.218	0.5000
0.6000	-0.117	-0.009	0.108	-0.135	-0.006	0.129	-0.148			-0.145	-0.004	0.141	-0.159	-0.004	0.155	0.6000
0.6170								-0.015								0.6170
0.7000	-0.137	-0.015	0.122	-0.134	-0.017	0.117	-0.143	-0.020	0.123	-0.152	-0.004	0.148	-0.160			0.7000
0.7100														-0.008		0.7100
0.8000		-0.040		-0.137	-0.012	0.125	-0.141	-0.010	0.131	-0.159	-0.001	0.158	-0.170			0.8000
0.8100														-0.024		0.8100
0.9000	-0.134	-0.014	0.120	-0.143			-0.162	0.006	0.168	-0.151	-0.011	0.140	-0.143			0.9000
1.0000	-0.112	0.062	0.174	-0.152	0.045	0.198	-0.206	0.027	0.233	-0.129	-0.033	0.096	-0.079	-0.085	0.058	1.0000
	M = 1.705 α = 03.73															
0.0000	-0.068	0.076	0.144	-0.246	0.206	0.452	-0.256	0.174	0.430	-0.222	0.241	0.464	-0.248	0.215		0.0000
0.0125	-0.061	0.072	0.133	-0.224	0.165	0.388	-0.247	0.155	0.403	-0.226	0.190	0.416		0.173		0.0125
0.0250	-0.058	0.068	0.126	-0.201	0.135	0.337	-0.240	0.140	0.380	-0.230	0.153	0.383	-0.238	0.143	0.381	0.0250
0.0500	-0.061	0.061	0.122	-0.156	0.112	0.268	-0.231	0.118	0.349	-0.235	0.126	0.361	-0.233	0.117	0.349	0.0500
0.0750	-0.062	0.052	0.114	-0.176	0.088	0.264	-0.224	0.105	0.329	-0.240	0.108	0.348	-0.232	0.098	0.330	0.0750
0.1000	-0.062	0.046	0.108	-0.170	0.076	0.246	-0.213	0.093	0.306	-0.242	0.088	0.330	-0.229	0.077	0.305	0.1000
0.1500	-0.079	0.037	0.117	-0.158	0.057	0.215	-0.198	0.071	0.269	-0.229	0.052	0.281	-0.225	0.052	0.277	0.1500
0.2000	-0.089	0.045	0.134	-0.147	0.038	0.185	-0.189	0.056	0.244	-0.215	0.036	0.251	-0.222	0.044	0.266	0.2000
0.3000	-0.077	0.010	0.087	-0.128	0.014	0.141	-0.179	0.027	0.206	-0.200	0.018	0.218	-0.214	0.028	0.242	0.3000
0.4000	-0.075	0.026	0.100	-0.119	0.007	0.126	-0.149	0.017	0.167	-0.194	0.011	0.204	-0.207	0.017	0.224	0.4000
0.5000	-0.112	0.012	0.124	-0.117	-0.004	0.112	-0.118	0.003	0.121	-0.183	-0.004	0.180	-0.200	0.009	0.209	0.5000
0.6000	-0.104	-0.011	0.093	-0.118	-0.001	0.118	-0.115			-0.156	-0.010	0.146	-0.196	0.001	0.196	0.6000
0.6170								0.002								0.6170
0.7000	-0.124	-0.018	0.106	-0.113	-0.006	0.107	-0.118	-0.002	0.117	-0.128	-0.013	0.115	-0.191			0.7000
0.7100														0.000		0.7100
0.8000		-0.025		-0.115	-0.006	0.109	-0.115	0.001	0.115	-0.131	-0.014	0.117	-0.184			0.8000
0.8100														-0.009		0.8100
0.9000	-0.117	-0.019	0.097	-0.124			-0.132	0.012	0.144	-0.130	-0.020	0.109	-0.178			0.9000
1.0000	-0.090		0.090	-0.140	0.010	0.150	-0.171	0.033	0.204	-0.124	-0.033	0.091	-0.173	-0.050	0.129	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(j) BV_5C $\delta = -0.1°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.915		α = 04.03							
0.0000	-0.061	0.070	0.131	-0.156	0.205	0.361	-0.170	0.177	0.347	-0.132	0.224	0.357	-0.160	0.210		0.0000
0.0125	-0.053	0.068	0.120	-0.147	0.163	0.310	-0.164	0.156	0.320	-0.143	0.184	0.327		0.175		0.0125
0.0250	-0.048	0.065	0.113	-0.135	0.136	0.271	-0.160	0.140	0.300	-0.151	0.155	0.306	-0.155	0.148	0.303	0.0250
0.0500	-0.050	0.057	0.107	-0.102	0.127	0.229	-0.160	0.122	0.283	-0.158	0.131	0.289	-0.153	0.122	0.275	0.0500
0.0750	-0.051	0.051	0.102	-0.142	0.093	0.235	-0.166	0.107	0.273	-0.166	0.112	0.278	-0.155	0.104	0.259	0.0750
0.1000	-0.051	0.046	0.097	-0.143	0.076	0.219	-0.168	0.093	0.261	-0.172	0.090	0.262	-0.155	0.083	0.238	0.1000
0.1500	-0.063	0.033	0.096	-0.133	0.058	0.190	-0.162	0.075	0.237	-0.174	0.059	0.233	-0.157	0.062	0.219	0.1500
0.2000	-0.077	0.039	0.116	-0.123	0.044	0.167	-0.155	0.057	0.212	-0.171	0.044	0.215	-0.158	0.053	0.212	0.2000
0.3000	-0.067	0.012	0.079	-0.114	0.026	0.140	-0.142	0.029	0.171	-0.162	0.022	0.184	-0.163	0.038	0.201	0.3000
0.4000	-0.075	0.035	0.110	-0.109	0.009	0.117	-0.136	0.013	0.149	-0.154	0.013	0.167	-0.165	0.024	0.189	0.4000
0.5000	-0.094	0.009	0.103	-0.104	-0.003	0.101	-0.130	0.006	0.136	-0.148	0.001	0.149	-0.165	0.018	0.183	0.5000
0.6000	-0.088	-0.007	0.080	-0.103		0.103	-0.120			-0.146	0.001	0.147	-0.163	0.012	0.176	0.6000
0.6170								0.003								0.6170
0.7000	-0.102	-0.009	0.093	-0.098	0.001	0.098	-0.108	0.009	0.117	-0.146	-0.001	0.145	-0.158			0.7000
0.7100														0.010		0.7100
0.8000		-0.010		-0.098	0.001	0.099	-0.101	0.006	0.107	-0.145	0.000	0.145	-0.153			0.8000
0.8100														0.002		0.8100
0.9000	-0.101	-0.015	0.086	-0.112			-0.116	0.017	0.133	-0.137	-0.006	0.131	-0.144			0.9000
1.0000	-0.087	-0.024	0.063	-0.138	-0.002	0.137	-0.153	0.042	0.195	-0.122	-0.020	0.102	-0.132	-0.024	0.120	1.0000
							M = 2.230		α =-03.68							
0.0000	-0.045	0.090	0.135	-0.026	0.252	0.278	-0.017	0.212	0.230	0.048	0.275	0.227	0.003	0.267		0.0000
0.0125	-0.047	0.079	0.127	-0.035	0.190	0.225	-0.023	0.191	0.214	0.012	0.231	0.219		0.238		0.0125
0.0250	-0.049	0.073	0.122	-0.036	0.156	0.192	-0.029	0.174	0.203	-0.014	0.200	0.213	-0.013	0.215	0.227	0.0250
0.0500	-0.047	0.072	0.119	-0.013	0.173	0.185	-0.046	0.154	0.200	-0.032	0.176	0.207	-0.023	0.189	0.212	0.0500
0.0750	-0.052	0.062	0.114	-0.069	0.111	0.180	-0.062	0.138	0.200	-0.048	0.156	0.204	-0.029	0.168	0.197	0.0750
0.1000	-0.052	0.062	0.114	-0.080	0.096	0.176	-0.071	0.123	0.194	-0.060	0.134	0.195	-0.033	0.143	0.176	0.1000
0.1500	-0.056	0.052	0.108	-0.091	0.072	0.164	-0.080	0.099	0.179	-0.073	0.126	0.198	-0.043	0.116	0.159	0.1500
0.2000	-0.067	0.033	0.100	-0.094	0.051	0.145	-0.085	0.079	0.165	-0.078	0.106	0.185	-0.052	0.103	0.155	0.2000
0.3000	-0.055	0.038	0.093	-0.091	0.024	0.115	-0.096	0.047	0.143	-0.083	0.083	0.166	-0.065	0.081	0.146	0.3000
0.4000	-0.071	0.025	0.096	-0.088	0.015	0.103	-0.104	0.030	0.134	-0.094	0.073	0.166	-0.076	0.066	0.142	0.4000
0.5000	-0.073	-0.008	0.065	-0.093	0.007	0.100	-0.106	0.016	0.122	-0.095	0.054	0.149	-0.083	0.060	0.142	0.5000
0.6000	-0.062	-0.001	0.061	-0.092	-0.002	0.090	-0.107			-0.102	0.044	0.146	-0.090	0.048	0.138	0.6000
0.6170								0.010								0.6170
0.7000	-0.075	0.004	0.079	-0.091	-0.010	0.081	-0.105	0.005	0.111	-0.108	0.035	0.143	-0.094			0.7000
0.7100														0.042		0.7100
0.8000		-0.012		-0.085	-0.011	0.075	-0.107	0.003	0.109	-0.112	0.035	0.146	-0.102			0.8000
0.8100														0.033		0.8100
0.9000	-0.083	-0.033	0.049	-0.090			-0.113	0.012	0.125	-0.113	0.030	0.143	-0.095			0.9000
1.0000	-0.077	-0.061	0.017	-0.105	0.010	0.115	-0.124	0.033	0.157	-0.112	0.021	0.133	-0.073	0.008	0.103	1.0000
							M = 2.230		α = 00.30							
0.0000	-0.040	0.069	0.109	-0.042	0.221	0.263	-0.048	0.193	0.242	-0.004	0.241	0.246	-0.027	0.237		0.0000
0.0125	-0.040	0.065	0.105	-0.052	0.175	0.226	-0.051	0.170	0.221	-0.027	0.203	0.230		0.209		0.0125
0.0250	-0.041	0.062	0.103	-0.051	0.146	0.198	-0.055	0.153	0.208	-0.044	0.175	0.219	-0.042	0.186	0.228	0.0250
0.0500	-0.042	0.061	0.103	-0.020	0.146	0.166	-0.068	0.136	0.204	-0.058	0.153	0.210	-0.050	0.160	0.211	0.0500
0.0750	-0.045	0.053	0.098	-0.079	0.102	0.181	-0.079	0.123	0.203	-0.070	0.136	0.206	-0.053	0.144	0.197	0.0750
0.1000	-0.045	0.050	0.095	-0.091	0.089	0.179	-0.087	0.109	0.196	-0.080	0.115	0.195	-0.056	0.121	0.177	0.1000
0.1500	-0.050	0.031	0.081	-0.100	0.068	0.168	-0.095	0.085	0.180	-0.089	0.113	0.202	-0.064	0.100	0.164	0.1500
0.2000	-0.063	0.030	0.093	-0.099	0.047	0.146	-0.100	0.069	0.169	-0.093	0.095	0.188	-0.071	0.085	0.157	0.2000
0.3000	-0.052	0.038	0.089	-0.094	0.028	0.122	-0.106	0.039	0.145	-0.098	0.073	0.171	-0.082	0.065	0.147	0.3000
0.4000	-0.066	0.036	0.101	-0.093	0.020	0.113	-0.111	0.025	0.136	-0.105	0.065	0.169	-0.092	0.051	0.143	0.4000
0.5000	-0.075	-0.004	0.072	-0.096	0.008	0.104	-0.111	0.015	0.126	-0.107	0.048	0.154	-0.098	0.043	0.142	0.5000
0.6000	-0.061	0.008	0.069	-0.093	0.002	0.095	-0.109			-0.113	0.040	0.153	-0.104	0.035	0.139	0.6000
0.6170								0.007								0.6170
0.7000	-0.083	0.013	0.096	-0.090	-0.006	0.084	-0.108	0.003	0.111	-0.116	0.035	0.151	-0.108			0.7000
0.7100														0.028		0.7100
0.8000		-0.005		-0.086	-0.001	0.085	-0.107	0.006	0.114	-0.122	0.035	0.157	-0.115			0.8000
0.8100														0.021		0.8100
0.9000	-0.087	-0.026	0.061	-0.094			-0.112	0.013	0.125	-0.122	0.028	0.150	-0.109			0.9000
1.0000	-0.068	-0.052	0.016	-0.114	0.048	0.162	-0.122	0.023	0.144	-0.116	0.013	0.130	-0.090	0.002	0.111	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued
(j) BV_5C $\delta = -0.1°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 2.227		α = 04.28							
0.0000	-0.038	0.050	0.089	-0.059	0.205	0.263	-0.073	0.176	0.249	-0.050	0.223	0.273	-0.058	0.215		0.0000
0.0125	-0.036	0.050	0.086	-0.064	0.164	0.229	-0.073	0.157	0.231	-0.062	0.184	0.246		0.185		0.0125
0.0250	-0.035	0.049	0.084	-0.061	0.138	0.200	-0.075	0.143	0.218	-0.071	0.157	0.228	-0.069	0.162	0.232	0.0250
0.0500	-0.037	0.047	0.084	-0.027	0.130	0.158	-0.082	0.128	0.210	-0.082	0.136	0.218	-0.076	0.139	0.215	0.0500
0.0750	-0.037	0.041	0.078	-0.089	0.096	0.185	-0.092	0.114	0.206	-0.090	0.119	0.209	-0.077	0.122	0.199	0.0750
0.1000	-0.036	0.039	0.075	-0.096	0.083	0.179	-0.098	0.102	0.201	-0.096	0.102	0.198	-0.078	0.103	0.181	0.1000
0.1500	-0.043	0.027	0.070	-0.103	0.063	0.165	-0.102	0.082	0.184	-0.104	0.103	0.207	-0.084	0.084	0.168	0.1500
0.2000	-0.054	0.035	0.089	-0.098	0.046	0.144	-0.105	0.065	0.170	-0.105	0.089	0.193	-0.089	0.073	0.162	0.2000
0.3000	-0.048	0.029	0.077	-0.091	0.033	0.124	-0.109	0.041	0.150	-0.107	0.070	0.177	-0.097	0.055	0.152	0.3000
0.4000	-0.057	0.046	0.102	-0.090	0.020	0.110	-0.109	0.029	0.138	-0.111	0.064	0.174	-0.104	0.044	0.148	0.4000
0.5000	-0.072	-0.001	0.071	-0.090	0.017	0.108	-0.105	0.018	0.123	-0.111	0.051	0.161	-0.108	0.038	0.146	0.5000
0.6000	-0.056	0.016	0.072	-0.087	0.009	0.096	-0.103			-0.113	0.043	0.157	-0.111	0.029	0.141	0.6000
0.6170								0.014								0.6170
0.7000	-0.084	0.019	0.102	-0.082	0.005	0.087	-0.100	0.012	0.112	-0.115	0.039	0.155	-0.116			0.7000
0.7100														0.026		0.7100
0.8000		0.001		-0.081	0.012	0.094	-0.097	0.013	0.110	-0.119	0.042	0.161	-0.119			0.8000
0.8100														0.018		0.8100
0.9000	-0.082	-0.020	0.062	-0.091			-0.103	0.023	0.125	-0.116	0.036	0.152	-0.112			0.9000
1.0000	-0.053	-0.044	0.008	-0.111	0.064	0.174	-0.117	0.042	0.158	-0.107	0.021	0.128	-0.097	-0.014	0.098	1.0000
							M = 2.234		α = 08.16							
0.0000	-0.047	0.045	0.092	-0.061	0.193	0.254	-0.082	0.171	0.252	-0.069	0.215	0.284	-0.081	0.207		0.0000
0.0125	-0.044	0.043	0.086	-0.072	0.151	0.223	-0.082	0.154	0.236	-0.079	0.180	0.259		0.175		0.0125
0.0250	-0.042	0.040	0.082	-0.071	0.124	0.195	-0.084	0.141	0.224	-0.087	0.154	0.242	-0.091	0.152	0.243	0.0250
0.0500	-0.042	0.036	0.078	-0.036	0.115	0.150	-0.090	0.123	0.213	-0.095	0.133	0.228	-0.096	0.130	0.226	0.0500
0.0750	-0.042	0.029	0.072	-0.098	0.083	0.181	-0.098	0.111	0.209	-0.102	0.118	0.220	-0.096	0.115	0.211	0.0750
0.1000	-0.041	0.027	0.068	-0.104	0.074	0.178	-0.104	0.098	0.202	-0.107	0.101	0.208	-0.096	0.097	0.193	0.1000
0.1500	-0.048	0.014	0.062	-0.105	0.053	0.158	-0.108	0.079	0.187	-0.111	0.101	0.211	-0.098	0.077	0.176	0.1500
0.2000	-0.057	0.022	0.079	-0.100	0.039	0.139	-0.110	0.062	0.172	-0.111	0.087	0.198	-0.101	0.068	0.169	0.2000
0.3000	-0.051	0.020	0.071	-0.095	0.027	0.122	-0.111	0.038	0.149	-0.111	0.068	0.180	-0.106	0.054	0.160	0.3000
0.4000	-0.062	0.038	0.100	-0.091	0.015	0.105	-0.110	0.026	0.136	-0.113	0.064	0.177	-0.108	0.044	0.153	0.4000
0.5000	-0.075	-0.001	0.074	-0.090	0.015	0.105	-0.105	0.015	0.121	-0.113	0.049	0.162	-0.111	0.038	0.149	0.5000
0.6000	-0.060	0.011	0.072	-0.086	0.006	0.092	-0.102			-0.114	0.043	0.157	-0.114	0.031	0.145	0.6000
0.6170								0.012								0.6170
0.7000	-0.085	0.012	0.097	-0.081	0.004	0.086	-0.099	0.010	0.109	-0.116	0.038	0.154	-0.117			0.7000
0.7100														0.030		0.7100
0.8000		0.000		-0.081	0.009	0.090	-0.096	0.009	0.106	-0.118	0.041	0.159	-0.118			0.8000
0.8100														0.026		0.8100
0.9000	-0.081	-0.018	0.063	-0.092			-0.100	0.017	0.117	-0.113	0.039	0.152	-0.111			0.9000
1.0000	-0.053	-0.042	0.011	-0.113	0.038	0.151	-0.110	0.032	0.142	-0.102	0.034	0.136	-0.095	0.009	0.120	1.0000
							M = 2.230		α = 12.29							
0.0000	-0.064	0.042	0.106	-0.067	0.188	0.255	-0.085	0.163	0.249	-0.053	0.201	0.254	-0.100	0.219		0.0000
0.0125	-0.060	0.040	0.100	-0.080	0.150	0.229	-0.087	0.146	0.233	-0.068	0.170	0.238		0.186		0.0125
0.0250	-0.057	0.039	0.096	-0.079	0.123	0.203	-0.089	0.132	0.221	-0.080	0.147	0.226	-0.095	0.161	0.257	0.0250
0.0500	-0.055	0.037	0.092	-0.041	0.105	0.146	-0.095	0.114	0.209	-0.090	0.124	0.214	-0.094	0.141	0.236	0.0500
0.0750	-0.057	0.026	0.083	-0.105	0.083	0.188	-0.104	0.100	0.204	-0.098	0.111	0.209	-0.096	0.125	0.222	0.0750
0.1000	-0.055	0.024	0.080	-0.110	0.071	0.181	-0.109	0.087	0.197	-0.106	0.092	0.197	-0.097	0.107	0.204	0.1000
0.1500	-0.059	0.010	0.068	-0.114	0.051	0.164	-0.114	0.069	0.183	-0.110	0.101	0.211	-0.099	0.085	0.184	0.1500
0.2000	-0.070	0.010	0.080	-0.108	0.037	0.144	-0.117	0.053	0.170	-0.113	0.086	0.198	-0.102	0.075	0.177	0.2000
0.3000	-0.060	0.017	0.077	-0.099	0.036	0.135	-0.115	0.034	0.150	-0.115	0.068	0.182	-0.107	0.059	0.166	0.3000
0.4000	-0.080	0.015	0.095	-0.093	0.027	0.120	-0.111	0.023	0.134	-0.119	0.060	0.179	-0.111	0.056	0.167	0.4000
0.5000	-0.084	-0.019	0.065	-0.091	0.017	0.108	-0.109	0.012	0.121	-0.119	0.043	0.162	-0.115	0.054	0.170	0.5000
0.6000	-0.079	-0.021	0.058	-0.088	0.010	0.097	-0.105			-0.120	0.034	0.154	-0.118	0.026	0.144	0.6000
0.6170								0.006								0.6170
0.7000	-0.092	-0.024	0.068	-0.086	0.011	0.097	-0.100	0.004	0.104	-0.122	0.027	0.149	-0.122			0.7000
0.7100														0.011		0.7100
0.8000		-0.029		-0.085	0.011	0.095	-0.094	0.007	0.100	-0.123	0.030	0.154	-0.126			0.8000
0.8100														-0.008		0.8100
0.9000	-0.097	-0.041	0.055	-0.093			-0.096	0.013	0.109	-0.120	0.021	0.141	-0.120			0.9000
1.0000	-0.088	-0.061	0.027	-0.112	0.010	0.122	-0.107	0.023	0.130	-0.111	-0.001	0.110	-0.105	-0.055	0.065	1.0000

TABLE IV.- PRESSURE COEFFICIENTS FOR THE VERTICAL TAIL WITH MODEL AT 0° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(j) BV_5C $\delta = -0.1°$ - Concluded

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 2.231 α = 16.22															
0.0000	-0.102	0.046	0.148	-0.032	0.148	0.180	-0.063	0.125	0.188	-0.014	0.164	0.178	-0.069	0.199		0.0000
0.0125	-0.105	0.027	0.132	-0.050	0.102	0.151	-0.066	0.112	0.178	-0.041	0.132	0.173		0.170		0.0125
0.0250	-0.105	0.015	0.119	-0.054	0.074	0.128	-0.070	0.102	0.171	-0.060	0.109	0.170	-0.073	0.148	0.221	0.0250
0.0500	-0.093	0.008	0.101	-0.022	0.072	0.095	-0.078	0.089	0.166	-0.075	0.090	0.166	-0.078	0.121	0.199	0.0500
0.0750	-0.105	0.004	0.109	-0.088	0.038	0.126	-0.089	0.075	0.164	-0.086	0.076	0.162	-0.084	0.106	0.190	0.0750
0.1000	-0.104	-0.002	0.102	-0.098	0.029	0.127	-0.092	0.067	0.160	-0.094	0.061	0.155	-0.086	0.084	0.170	0.1000
0.1500	-0.106	-0.023	0.083	-0.111	0.015	0.127	-0.096	0.053	0.149	-0.101	0.086	0.187	-0.093	0.062	0.155	0.1500
0.2000	-0.111	-0.044	0.067	-0.115	0.002	0.117	-0.099	0.041	0.141	-0.104	0.070	0.174	-0.098	0.051	0.149	0.2000
0.3000	-0.102	-0.050	0.052	-0.118	-0.018	0.100	-0.104	0.018	0.123	-0.106	0.052	0.158	-0.109	0.014	0.122	0.3000
0.4000	-0.112	-0.053	0.059	-0.118	-0.033	0.086	-0.107	0.014	0.122	-0.107	0.057	0.165	-0.116	-0.019	0.097	0.4000
0.5000	-0.114	-0.084	0.030	-0.122	-0.042	0.080	-0.107	0.015	0.123	-0.109	0.047	0.156	-0.121	-0.037	0.084	0.5000
0.6000	-0.116	-0.088	0.028	-0.123	-0.051	0.072	-0.107			-0.113	0.036	0.149	-0.124	-0.052	0.073	0.6000
0.6170								-0.014								0.6170
0.7000	-0.120	-0.096	0.024	-0.127	-0.074	0.054	-0.107	-0.025	0.082	-0.115	0.026	0.140	-0.129			0.7000
0.7100														-0.056		0.7100
0.8000		-0.101		-0.130	-0.086	0.043	-0.110	-0.030	0.080	-0.118	0.023	0.141	-0.132			0.8000
0.8100														-0.062		0.8100
0.9000	-0.130	-0.107	0.023	-0.138			-0.122	-0.026	0.095	-0.118	0.017	0.135	-0.129			0.9000
1.0000	-0.135	-0.114	0.021	-0.153	-0.082	0.070	-0.142	-0.015	0.128	-0.114	0.008	0.122	-0.121	-0.077	0.052	1.0000

TABLE V.- PRESSURE COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP
(a) BVW

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 0.695		α=-04.15								
0.0500	0.123	0.071	0.032	0.006	-0.002	-0.013	-0.022	-0.006	0.087	0.027	-0.019	-0.022	-0.028	-0.007	0.005	0.043	0.0500
0.1500	0.132	0.080	0.045	0.010	0.004	-0.003	-0.011	0.001	0.017	0.008	-0.015	-0.031	0.028	-0.001	0.017	0.074	0.1500
0.2500	0.083	0.029		-0.026	-0.037	-0.040	-0.050	-0.045	-0.026	-0.033	-0.048	-0.068				0.081	0.2500
0.3500	0.013	-0.027	-0.051	-0.072	-0.083	-0.080	-0.086	-0.076	-0.030	-0.039	-0.047	-0.062	-0.160	-0.095	-0.037	0.062	0.3500
0.4500	-0.023	-0.056	-0.081	-0.087	-0.092	-0.091	-0.092	-0.074	0.045	-0.002	-0.035	-0.060	-0.112	-0.088	-0.028	0.042	0.4500
0.5500	-0.023	-0.027	-0.068	-0.075	-0.075	-0.078	-0.076	-0.064	-0.108	-0.164	-0.195	-0.172	-0.122	-0.025	-0.022	0.042	0.5500
0.6500	-0.022	-0.046	-0.060	-0.071	-0.073	-0.072	-0.074	-0.072	-0.097	-0.146	-0.176	-0.172	-0.129	-0.058	-0.020	0.029	0.6500
0.7500	-0.022	-0.054	-0.072	-0.086	-0.088	-0.089	-0.093	-0.094	-0.113	-0.147	-0.178	-0.174	-0.135	-0.065	-0.028		0.7500
0.8500	0.000	-0.039	-0.061	-0.086	-0.088	-0.092	-0.101	-0.102	-0.132	-0.174	-0.196	-0.185	-0.146	-0.061	-0.037	0.032	0.8500
0.9500	0.059	0.008	-0.015	-0.045	-0.051	-0.062	-0.067	-0.060	-0.137	-0.194	-0.200	-0.187	-0.144	-0.017	-0.020	0.050	0.9500
							M = 0.700		α = 00.05								
0.0500	0.127	0.076	0.038	0.012	0.005	-0.003	-0.013	0.004	0.003	-0.046	-0.082	-0.065	-0.044	0.004	0.022	0.053	0.0500
0.1500	0.086	0.042	0.012	-0.019	-0.023	-0.028	-0.037	-0.030	-0.031	-0.056	-0.086	-0.069	0.012	0.027	0.034	0.097	0.1500
0.2500	0.041	0.003	-0.023	-0.042	-0.052	-0.052	-0.059	-0.059	-0.043	-0.065	-0.098	-0.082				0.100	0.2500
0.3500	0.016	-0.015	-0.035	-0.055	-0.060	-0.054	-0.058	-0.050	-0.042	-0.066	-0.089	-0.084	-0.125	-0.082	-0.030	0.075	0.3500
0.4500	0.010	-0.014	-0.046	-0.048	-0.052	-0.050	-0.050	-0.036	-0.007	-0.063	-0.087	-0.084	-0.149	-0.061	-0.004	0.068	0.4500
0.5500	0.012	0.003	-0.035	-0.046	-0.049	-0.050	-0.050	-0.033	-0.002	-0.053	-0.080	-0.083	-0.096	-0.028	0.010	0.063	0.5500
0.6500	0.018	-0.016	-0.035	-0.051	-0.054	-0.057	-0.059	-0.050	-0.028	-0.052	-0.075	-0.078	-0.066	-0.012	0.012	0.063	0.6500
0.7500	0.047	0.005	-0.019	-0.040	-0.050	-0.051	-0.056	-0.050	-0.037	-0.063	-0.082	-0.089	-0.076	-0.032	-0.008		0.7500
0.8500	0.092	0.043	0.014	-0.014	-0.020	-0.027	-0.038	-0.030	-0.038	-0.063	-0.084	-0.089	-0.073	-0.032	-0.006	0.065	0.8500
0.9500	0.129	0.074	0.045	0.013	0.005	-0.005	-0.012	0.001	-0.009	-0.051	-0.079	-0.086	-0.070	-0.001	0.014	0.082	0.9500
							M = 0.700		α = 04.10								
0.0500	0.074	0.029	-0.008	-0.036	-0.040	-0.048	-0.058	-0.045	-0.117	-0.136	-0.112	-0.147	-0.082	0.008	0.014	0.038	0.0500
0.1500	0.011	-0.024	-0.054	-0.079	-0.078	-0.084	-0.090	-0.091	-0.117	-0.167	-0.180	-0.146	-0.039	-0.005	0.014	0.081	0.1500
0.2500	-0.014	-0.042	-0.064	-0.075	-0.079	-0.079	-0.084	-0.085	-0.108	-0.143	-0.172	-0.150				0.076	0.2500
0.3500	-0.014	-0.034	-0.049	-0.063	-0.068	-0.061	-0.065	-0.062	-0.088	-0.130	-0.163	-0.148	-0.201	-0.109	-0.038	0.055	0.3500
0.4500	-0.014	-0.036	-0.059	-0.065	-0.068	-0.064	-0.066	-0.052	-0.097	-0.169	-0.184	-0.153	-0.195	-0.077	-0.011	0.055	0.4500
0.5500	-0.013	-0.024	-0.065	-0.079	-0.082	-0.082	-0.082	-0.061	0.034	0.021	-0.030	-0.078	-0.104	-0.026	-0.003	0.058	0.5500
0.6500	0.023	-0.017	-0.041	-0.061	-0.070	-0.073	-0.075	-0.062	-0.007	-0.010	-0.022	-0.043	-0.046	-0.021	0.001	0.057	0.6500
0.7500	0.096	0.044	0.013	-0.014	-0.025	-0.028	-0.032	-0.025	-0.019	-0.019	-0.029	-0.052	-0.056	-0.035	-0.004		0.7500
0.8500	0.151	0.090	0.062	0.024	0.015	0.007	0.000	0.012	0.026	0.003	-0.021	-0.035	-0.045	-0.022	-0.012	0.062	0.8500
0.9500	0.137	0.080	0.049	0.012	0.006	-0.003	-0.009	0.005	0.088	0.033	-0.005	-0.030	-0.040	0.001	0.003	0.077	0.9500
							M = 0.700		α = 07.96								
0.0500	0.003	-0.039	-0.077	-0.101	-0.101	-0.112	-0.122	-0.119	-0.227	-0.170	-0.220	-0.169	-0.102	0.505	0.506	0.506	0.0500
0.1500	-0.063	-0.088	-0.121	-0.130	-0.126	-0.131	-0.137	-0.144	-0.220	-0.267	-0.277	-0.211	0.505	0.506	0.506	0.506	0.1500
0.2500	-0.053	-0.065	-0.078	-0.086	-0.088	-0.088	-0.093	-0.103	-0.182	-0.213	-0.258	-0.209				0.506	0.2500
0.3500	-0.038	-0.048	-0.062	-0.073	-0.072	-0.069	-0.074	-0.079	-0.142	-0.202	-0.245	-0.205	0.505	0.506	0.506	0.506	0.3500
0.4500	-0.056	-0.074	-0.096	-0.096	-0.097	-0.094	-0.096	-0.087	-0.180	-0.287	-0.295	-0.237	0.505	0.506	0.506	0.506	0.4500
0.5500	-0.055	-0.069	-0.115	-0.125	-0.126	-0.128	-0.131	-0.110	0.059	0.015	0.003	-0.023	0.505	0.506	0.506	0.506	0.5500
0.6500	0.031	-0.019	-0.045	-0.069	-0.077	-0.082	-0.085	-0.070		0.024	0.040	0.021	0.505	0.506	0.506	0.506	0.6500
0.7500	0.159	0.095	0.064	0.032	0.016	0.011	0.003	0.020	0.035	0.050	0.040	0.017	0.505	0.506	0.506		0.7500
0.8500	0.208	0.139	0.108	0.069	0.054	0.043	0.037	0.053	0.095	0.110	0.078	0.029	0.505	0.506	0.506	0.506	0.8500
0.9500	0.127	0.066	0.036	-0.003	-0.013	-0.026	-0.028	-0.014	0.160	0.162	0.089	0.045	0.505	0.506	0.506	0.506	0.9500
							M = 0.698		α = 11.96								
0.0500	-0.094	-0.134	-0.169	-0.194	-0.194	-0.200	-0.216	-0.213	-0.472	-0.468	-0.401	-0.227	-0.145	-0.005	0.023	0.042	0.0500
0.1500	-0.134	-0.152	-0.181	-0.182	-0.172	-0.170	-0.175	-0.191	-0.283	-0.423	-0.407	-0.286	-0.129	-0.033	0.003	0.063	0.1500
0.2500	-0.113	-0.079	-0.088	-0.097	-0.100	-0.106	-0.122	-0.150	-0.262	-0.355	-0.377	-0.355				0.066	0.2500
0.3500	-0.065	-0.067	-0.080	-0.093	-0.096	-0.096	-0.113	-0.136	-0.225	-0.343	-0.391	-0.287	-0.296	-0.134	-0.052	0.064	0.3500
0.4500	-0.117	-0.143	-0.151	-0.151	-0.147	-0.141	-0.141	-0.139	-0.359	-0.445	-0.407	-0.292	-0.263	-0.112	-0.033	0.056	0.4500
0.5500	-0.121	-0.138	-0.189	-0.201	-0.202	-0.203	-0.206	-0.186	0.169	0.166	0.104	0.076	0.054	-0.015	-0.013	0.074	0.5500
0.6500	0.039	-0.017	-0.049	-0.076	-0.089	-0.094	-0.093	-0.076	0.042	0.162	0.116	0.082	0.041	0.013	0.013	0.074	0.6500
0.7500	0.235	0.160	0.128	0.089	0.073	0.064	0.061	0.079	0.110	0.123	0.117	0.079	0.041	0.007	0.003		0.7500
0.8500	0.261	0.185	0.151	0.107	0.092	0.081	0.073	0.094	0.154	0.149	0.131	0.086	0.056	0.007	0.001	0.079	0.8500
0.9500	0.095	0.030	-0.006	-0.045	-0.056	-0.068	-0.075	-0.060	0.243	0.230	0.169	0.120	0.060	0.021	0.015	0.078	0.9500

TABLE V.- PRESSURE COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Continued
(a) BVW - Continued

	Fraction of body length, x/l																
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
	M = 0.698 α = 15.97																
0.0500	-0.225	-0.264	-0.298	-0.318	-0.315	-0.321	-0.334	-0.337	-0.734	-0.714	-0.586	-0.377	-0.247	-0.013	-0.030	0.027	0.0500
0.1500	-0.221	-0.237	-0.247	-0.220	-0.201	-0.188	-0.188	-0.214	-0.373	-0.502	-0.534	-0.388	-0.244	-0.122	-0.044	0.034	0.1500
0.2500	-0.087	-0.099	-0.107	-0.123	-0.129	-0.157	-0.202	-0.263	-0.384	-0.510	-0.572	-0.482				0.036	0.2500
0.3500	-0.089	-0.112	-0.127	-0.132	-0.145	-0.156	-0.179	-0.215	-0.369	-0.548	-0.618	-0.405	-0.182	-0.145	-0.074	0.039	0.3500
0.4500	-0.206	-0.218	-0.242	-0.226	-0.215	-0.200	-0.194	-0.196	-0.577	-0.712	-0.626	-0.424	-0.288	-0.125	-0.052	0.032	0.4500
0.5500	-0.219	-0.242	-0.299	-0.306	-0.303	-0.308	-0.312	-0.282	0.229	0.272	0.193	0.141	0.083	0.020	0.004	0.053	0.5500
0.6500	0.042	-0.020	-0.052	-0.085	-0.102	-0.107	-0.104	-0.082	0.023	0.151	0.175	0.139	0.072	0.015	0.015	0.074	0.6500
0.7500	0.319	0.237	0.200	0.161	0.142	0.133	0.131	0.151	0.197	0.203	0.206	0.142	0.079	0.015	0.003		0.7500
0.8500	0.312	0.229	0.192	0.147	0.130	0.115	0.110	0.138	0.218	0.240	0.249	0.179	0.092	0.010	0.001	0.071	0.8500
0.9500	0.029	-0.035	-0.076	-0.117	-0.129	-0.140	-0.151	-0.125	0.299	0.313	0.249	0.176	0.099	-0.030	-0.011	0.066	0.9500
	M = 1.301 α = -03.88																
0.0500	0.199	0.131	0.104	0.076	0.055	0.050	0.027	0.021	0.124	0.074	0.002	0.002	-0.031	0.032	-0.024	-0.034	0.0500
0.1500	0.204	0.142	0.100	0.076	0.064	0.055	0.027	0.026	-0.012	0.054	-0.020	0.008	0.082	0.034	-0.003	-0.029	0.1500
0.2500	0.156	0.095	0.069	0.047	0.023	0.020	-0.004	-0.032	-0.018	0.004	0.014	0.003				-0.013	0.2500
0.3500	0.095	0.044	0.019	-0.006	-0.019	-0.018	-0.040	-0.038	-0.031	0.008	0.020	0.009	-0.038	-0.126	-0.122	-0.007	0.3500
0.4500	0.058	0.020	-0.010	-0.014	-0.032	-0.033	-0.037	-0.038	0.088	0.027	0.020	0.014	-0.021	-0.121	-0.097	-0.054	0.4500
0.5500	0.054	0.046	0.003	0.004	-0.015	-0.024	-0.021	-0.026	0.009	-0.047	-0.075	-0.105	-0.123	-0.128	-0.089	-0.030	0.5500
0.6500	0.057	0.008	0.013	-0.003	-0.010	-0.011	-0.012	-0.029	-0.015	-0.037	-0.066	-0.108	-0.126	-0.136	-0.098	-0.008	0.6500
0.7500	0.060	0.001	0.013	-0.019	-0.027	-0.018	-0.022	-0.045	-0.049	-0.029	-0.065	-0.111	-0.125	-0.150	-0.111		0.7500
0.8500	0.086	0.016	0.030	-0.008	-0.013	-0.028	-0.034	-0.051	-0.043	-0.057	-0.091	-0.122	-0.137	-0.159	-0.087	-0.054	0.8500
0.9500	0.142	0.068	0.069	0.047	0.014	-0.004	-0.006	-0.008	-0.004	-0.088	-0.089	-0.115	-0.143	-0.136	-0.047	-0.049	0.9500
	M = 1.302 α = 00.10																
0.0500	0.180	0.122	0.087	0.072	0.051	0.039	0.011	0.015	0.049	-0.006	0.222	0.226	0.226	-0.039	-0.025	-0.024	0.0500
0.1500	0.143	0.089	0.064	0.040	0.026	0.012	-0.008	-0.011	-0.011	-0.012	0.222	0.226	0.226	-0.027	-0.029	-0.008	0.1500
0.2500	0.102	0.050	0.032	0.013	-0.007	-0.008	-0.027	-0.053	-0.033	-0.022	0.222	0.226				0.004	0.2500
0.3500	0.071	0.031	0.018	-0.007	-0.018	-0.011	-0.031	-0.029	-0.019	-0.008	0.222	0.226	0.226	-0.175	-0.149	-0.005	0.3500
0.4500	0.062	0.030	0.013	0.000	-0.011	-0.014	-0.029	-0.021	0.039	-0.002	0.222	0.226	-0.065	-0.166	-0.118	-0.033	0.4500
0.5500	0.069	0.060	0.012	0.002	-0.011	-0.011	-0.011	-0.013	0.057	-0.011	0.226	0.226	-0.067	-0.083	-0.090	-0.017	0.5500
0.6500	0.081	0.029	0.010		-0.021	-0.022	-0.017	-0.022	-0.012	0.005	0.226	0.226	-0.070	-0.076	-0.088	-0.013	0.6500
0.7500	0.112	0.046	0.021	0.011	-0.016	-0.017	-0.021	-0.021	-0.029	0.222	0.226	0.226	-0.077	-0.097	-0.094		0.7500
0.8500	0.155	0.085	0.053	0.064	0.015	0.013	0.004	0.005	-0.007	0.222	0.226	0.226	-0.080	-0.092	-0.063	-0.049	0.8500
0.9500	0.184	0.117	0.083	0.067	0.048	0.047	0.020	0.019	0.044	0.222	0.226	0.226	-0.089	-0.070	-0.027	-0.041	0.9500
	M = 1.303 α = 04.08																
0.0500	0.171	0.094	0.061	0.037	0.024	0.014	-0.011	-0.014		-0.081	-0.135	-0.106	-0.148	-0.068	-0.014	-0.018	0.0500
0.1500	0.109	0.042	0.013	-0.010	-0.021	-0.025	-0.026	-0.040	-0.049	-0.078	-0.137	-0.120	-0.097	-0.079	-0.045	-0.013	0.1500
0.2500	0.078	0.020	0.004	-0.002	-0.027	-0.030	-0.033	-0.045	-0.046	-0.053	-0.099	-0.103				-0.009	0.2500
0.3500	0.073	0.023	0.012	-0.002	-0.016	-0.011	-0.018	-0.012	-0.011	-0.030	-0.071	-0.101	-0.125	-0.217	-0.174	-0.028	0.3500
0.4500	0.072	0.026	0.005	-0.001	-0.015	-0.011	-0.025	-0.017	0.006	-0.066	-0.081	-0.103	-0.124	-0.212	-0.096	-0.048	0.4500
0.5500	0.072	0.053	0.005	-0.002	-0.019	-0.026	-0.042	-0.039	0.078	0.038	-0.017	0.009	-0.037	-0.118	-0.069	-0.037	0.5500
0.6500	0.100	0.046	0.027	0.004	-0.011	-0.011	-0.031	-0.030	-0.009	0.022	0.043	0.011	-0.005	-0.021	-0.058	-0.045	0.6500
0.7500	0.162	0.101	0.077	0.051	0.033	0.026	0.006	0.012	-0.012	-0.001	0.033	-0.001	-0.019	-0.019	-0.048		0.7500
0.8500	0.218	0.147	0.120	0.092	0.071	0.065	0.034	0.035	0.015	0.058	0.043	0.018	-0.012	-0.031	-0.040	-0.035	0.8500
0.9500	0.218	0.140	0.109	0.093	0.066	0.052	0.023	0.025	0.150	0.080	0.048	0.023	-0.004	-0.021	-0.019	-0.020	0.9500
	M = 1.299 α = 08.11																
0.0500	0.108	0.036	0.007	-0.017	-0.039	-0.058	-0.066	-0.072	-0.107	-0.168	-0.183	-0.183	-0.203	-0.055	-0.022	0.015	0.0500
0.1500	0.028	-0.013	-0.049	-0.065	-0.072	-0.063	-0.076	-0.089	-0.088	-0.165	-0.185	-0.171	-0.155	-0.143	-0.071	0.015	0.1500
0.2500	0.030	-0.003	-0.016	-0.020	-0.040	-0.032	-0.032	-0.050	-0.032	-0.111	-0.134	-0.163				0.015	0.2500
0.3500	0.039	0.012	0.002	-0.013	-0.025	-0.014	-0.016	-0.025	-0.034	-0.060	-0.127	-0.154	-0.156	-0.263	-0.216	-0.064	0.3500
0.4500	0.029	-0.005	-0.035	-0.034	-0.039	-0.045	-0.052	-0.048	-0.020	-0.129	-0.163	-0.169	-0.186	-0.245	-0.136	-0.089	0.4500
0.5500	0.038	0.021	-0.033	-0.043	-0.068	-0.075	-0.086	-0.085	0.045	0.002	-0.010	0.035	0.050	0.034	-0.076	-0.052	0.5500
0.6500	0.123	0.063	0.031	-0.003	-0.014	-0.027	-0.047	-0.044	-0.032	0.072	0.122	0.074	0.084	0.043	-0.026	-0.073	0.6500
0.7500	0.237	0.161	0.126	0.095	0.078	0.064	0.036	0.039	-0.047	0.043	0.116	0.098	0.085	0.050	0.002		0.7500
0.8500	0.278	0.206	0.161	0.133	0.111	0.096	0.067	0.071	0.018	0.105	0.118	0.091	0.085	0.051	0.025	-0.026	0.8500
0.9500	0.207	0.139	0.102	0.082	0.049	0.032	0.010	0.008	0.114	0.155	0.136	0.108	0.079	0.046	0.016	-0.007	0.9500

TABLE V.- PRESSURE COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Continued
(a) BVW - Continued

	Fraction of body length, x/l																
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 1.302		α = 12.14								
0.0500	0.028	-0.050	-0.086	-0.113	-0.127	-0.131	-0.158	-0.158	-0.199	-0.270	-0.238	-0.239	-0.257	-0.159	-0.055	0.011	0.0500
0.1500	-0.038	-0.087	-0.097	-0.114	-0.124	-0.115	-0.115	-0.106	-0.152	-0.189	-0.207	-0.214	-0.257	-0.209	-0.100	0.024	0.1500
0.2500	-0.015	-0.032	-0.028	-0.045	-0.051	-0.053	-0.069	-0.084	-0.090	-0.156	-0.209	-0.264				0.020	0.2500
0.3500	0.011	-0.021	-0.015	-0.042	-0.052	-0.048	-0.061	-0.063	-0.069	-0.154	-0.183	-0.214	-0.150	-0.317	-0.225	-0.030	0.3500
0.4500	-0.023	-0.068	-0.093	-0.079	-0.098	-0.089	-0.090	-0.085	-0.112	-0.219	-0.220	-0.229	-0.232	-0.280	-0.136	-0.108	0.4500
0.5500	-0.008	-0.035	-0.103	-0.124	-0.130	-0.153	-0.153	-0.162	0.130	0.055	0.186	0.159	-0.013	0.089	-0.045	-0.061	0.5500
0.6500	0.148	0.072	0.037	-0.005	-0.021	-0.035	-0.053	-0.061	-0.073	0.061	0.190	0.161	0.155	0.100	-0.005	-0.077	0.6500
0.7500	0.310	0.224	0.188	0.143	0.124	0.103	0.088	0.074	0.037	0.062	0.195	0.165	0.142	0.115	0.044		0.7500
0.8500	0.331	0.246	0.204	0.153	0.142	0.124	0.103	0.094	0.066	0.209	0.203	0.188	0.167	0.134	0.037	-0.002	0.8500
0.9500	0.190	0.115	0.068	0.031	0.011	-0.002	-0.023	-0.035	0.254	0.262	0.227	0.196	0.168	0.111	-0.002	-0.032	0.9500
							M = 1.301		α = 16.17								
0.0500	-0.068	-0.134	-0.173	-0.217	-0.225	-0.239	-0.257	-0.256	-0.305	-0.311	-0.259	-0.263	-0.289	-0.183	-0.075	0.021	0.0500
0.1500	-0.079	-0.127	-0.134	-0.133	-0.128	-0.111	-0.115	-0.104	-0.091	-0.174	-0.252	-0.261	-0.300	-0.252	-0.129	0.046	0.1500
0.2500	0.016	-0.026	-0.034	-0.072	-0.083	-0.085	-0.105	-0.122	-0.133	-0.186	-0.274	-0.299				0.023	0.2500
0.3500	0.014	-0.023	-0.037	-0.084	-0.094	-0.085	-0.097	-0.112	-0.134	-0.204	-0.295	-0.293	-0.062	-0.346	-0.212	-0.064	0.3500
0.4500	-0.082	-0.124	-0.139	-0.137	-0.136	-0.123	-0.117	-0.110	-0.134	-0.285	-0.274	-0.248	-0.263	-0.250	-0.137	-0.103	0.4500
0.5500	-0.063	-0.090	-0.161	-0.206	-0.223	-0.235	-0.252	-0.264	0.116	0.113	0.275	0.297	0.262	0.179	0.011	-0.051	0.5500
0.6500	0.187	0.101	0.070	0.017	-0.007	-0.025	-0.045	-0.063	-0.075	0.010	0.290	0.293	0.261	0.218	0.073	-0.060	0.6500
0.7500	0.403	0.310	0.279	0.226	0.195	0.178	0.153	0.141	0.122	0.094	0.303	0.291	0.251	0.227	0.128		0.7500
0.8500	0.400	0.306	0.275	0.213	0.191	0.171	0.144	0.129	0.115	0.275	0.314	0.325	0.272	0.237	0.087	0.011	0.8500
0.9500	0.177	0.093	0.055	0.001	-0.023	-0.041	-0.070	-0.082	0.247	0.333	0.343	0.329	0.271	0.215	0.016	-0.038	0.9500
							M = 2.231		α = -03.68								
0.0500	0.188	0.132	0.115	0.081	0.068	0.056	0.045	0.039	0.059	0.052	0.013	-0.005	-0.019	0.001	-0.010	-0.019	0.0500
0.1500	0.191	0.133	0.113	0.082	0.065	0.057	0.046	0.037	0.016	0.033	-0.005	0.009	-0.006	0.035	0.016	-0.007	0.1500
0.2500	0.144	0.091	0.075	0.049	0.034	0.023	0.017	-0.001	0.002	-0.004	-0.014	0.000				-0.024	0.2500
0.3500	0.087	0.043	0.028	0.012	-0.004	-0.004	-0.007	-0.018	-0.018	-0.022	0.006	0.008	0.035	-0.007	-0.064	-0.051	0.3500
0.4500	0.053	0.020	0.008	-0.006	-0.007	-0.014	-0.018	-0.027	0.027	-0.017	0.013	0.009	-0.005	-0.045	-0.060	-0.060	0.4500
0.5500	0.042	0.108	0.010	0.005	0.000	-0.005	-0.011	-0.014	0.007	-0.022	-0.040	-0.046	-0.060	-0.051	-0.053	-0.052	0.5500
0.6500	0.040	0.017	0.010	0.003	-0.001	-0.004	-0.011	-0.014	-0.002	-0.022	-0.026	-0.044	-0.057	-0.064	-0.066	-0.062	0.6500
0.7500	0.048	0.020	0.012	-0.005	-0.016	-0.014	-0.020	-0.024	-0.019	-0.021	-0.021	-0.042	-0.060	-0.063	-0.075		0.7500
0.8500	0.082	0.043	0.031	0.009	-0.007	-0.014	-0.018	-0.024	-0.019	-0.025	-0.045	-0.047	-0.061	-0.070	-0.077	-0.063	0.8500
0.9500	0.137	0.089	0.077	0.049	0.034	0.020	0.015	0.006	0.020	-0.023	-0.043	-0.052	-0.059	-0.066	-0.031	-0.029	0.9500
							M = 2.240		α = 00.40								
0.0500	0.170	0.117	0.093	0.067	0.055	0.043	0.034	0.028	0.034	0.016	-0.023	-0.026	-0.040	-0.024	-0.020	-0.021	0.0500
0.1500	0.133	0.082	0.065	0.038	0.028	0.016	0.011	0.003	-0.001	-0.006	-0.029	-0.033	-0.048	0.001	-0.022	-0.022	0.1500
0.2500	0.086	0.043	0.030	0.011	0.002	-0.008	-0.013	-0.016	-0.018	-0.035	-0.032	-0.035				-0.049	0.2500
0.3500	0.059	0.024	0.013	0.001	-0.011	-0.008	-0.006	-0.015	-0.019	-0.019	-0.012	-0.032	0.036	-0.075	-0.093	-0.069	0.3500
0.4500	0.048	0.020	0.011	0.000	-0.004	-0.003	-0.007	-0.013	0.012	-0.004	-0.020	-0.026	-0.040	-0.068	-0.075	-0.070	0.4500
0.5500	0.047	0.108	0.010	0.002	0.001	-0.004	-0.010	-0.016	0.021	0.001	-0.013	-0.020	-0.033	-0.041	-0.053	-0.055	0.5500
0.6500	0.060	0.027	0.012	-0.002	-0.007	-0.006	-0.016	-0.020	-0.021	-0.013	-0.009	-0.018	-0.030	-0.038	-0.047	-0.051	0.6500
0.7500	0.091	0.049	0.034	0.018	0.002	-0.004	-0.007	-0.013	-0.019	-0.024	-0.014	-0.031	-0.039	-0.043	-0.054		0.7500
0.8500	0.138	0.087	0.069	0.045	0.034	0.022	0.010	0.008	0.003	0.011	-0.012	-0.031	-0.039	-0.045	-0.057	-0.052	0.8500
0.9500	0.168	0.117	0.092	0.073	0.052	0.048	0.033	0.029	0.048	0.032	-0.004	-0.027	-0.031	-0.044	-0.037	-0.024	0.9500
							M = 2.231		α = 04.31								
0.0500	0.138	0.087	0.069	0.040	0.030	0.018	0.012	0.003	-0.001	-0.029	-0.052	-0.068	-0.083	-0.065	-0.015	-0.023	0.0500
0.1500	0.084	0.034	0.020	0.001	-0.010	-0.018	-0.025	-0.030	-0.032	-0.048	-0.075	-0.070	-0.080	-0.041	-0.058	-0.043	0.1500
0.2500	0.044	0.011	0.000	-0.008	-0.018	-0.021	-0.021	-0.024	-0.038	-0.048	-0.056	-0.069				-0.081	0.2500
0.3500	0.036	0.011	0.005	0.001	-0.009	-0.006	-0.002	-0.012	-0.027	-0.030	-0.048	-0.065	-0.070	-0.119	-0.126	-0.107	0.3500
0.4500	0.037	0.011	0.003	-0.002	-0.009	-0.009	-0.010	-0.018	-0.014	-0.047	-0.050	-0.065	-0.077	-0.111	-0.073	-0.084	0.4500
0.5500	0.048	0.102	0.004	-0.012	-0.016	-0.018	-0.023	-0.031	0.014	0.015	-0.005	0.013	-0.014	-0.089	-0.051	-0.050	0.5500
0.6500	0.088	0.043	0.033	0.006	-0.006	-0.007	-0.015	-0.023	-0.034	-0.039	0.014	0.009	0.000	-0.003	-0.036	-0.038	0.6500
0.7500	0.151	0.102	0.086	0.054	0.042	0.025	0.020	0.012	-0.007	-0.015	-0.003	-0.002	-0.009	-0.008	-0.016		0.7500
0.8500	0.196	0.143	0.124	0.091	0.075	0.065	0.046	0.042	0.014	0.024	0.020	0.004	-0.005	-0.012	-0.025	-0.032	0.8500
0.9500	0.189	0.135	0.115	0.083	0.067	0.054	0.047	0.035	0.043	0.084	0.041	0.014	0.002	-0.010	-0.023	-0.023	0.9500

TABLE V.- PRESSURE COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Continued
(a) BVW - Concluded

	Fraction of body length, x/l																
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 2.232		α= 08.31							
0.0500	0.094	0.050	0.027	-0.002	-0.011	-0.025	-0.036	-0.041	-0.053	-0.097	-0.086	-0.059	-0.092	-0.090	-0.040	-0.028	0.0500
0.1500	0.033	-0.012	-0.029	-0.047	-0.055	-0.062	-0.065	-0.068	-0.071	-0.087	-0.100	-0.091	-0.099	-0.077	-0.072	-0.053	0.1500
0.2500	0.010	-0.013	-0.020	-0.023	-0.028	-0.028	-0.031	-0.034	-0.038	-0.043	-0.071	-0.086				-0.095	0.2500
0.3500	0.014	-0.003	-0.006	-0.012	-0.015	-0.014	-0.012	-0.021	-0.025	-0.031	-0.058	-0.089	-0.082	-0.119	-0.138	-0.107	0.3500
0.4500	0.010	-0.013	-0.029	-0.030	-0.035	-0.033	-0.036	-0.038	-0.040	-0.089	-0.097	-0.085	-0.098	-0.120	-0.078	-0.073	0.4500
0.5500	0.033	0.087	-0.021	-0.043	-0.054	-0.056	-0.064	-0.073	-0.028	0.020	0.046	0.050	0.026	0.013	-0.021	-0.028	0.5500
0.6500	0.122	0.070	0.052	0.020	0.004	-0.001	-0.013	-0.023	-0.034	-0.045	0.041	0.059	0.048	0.043	0.014	-0.006	0.6500
0.7500	0.216	0.159	0.144	0.103	0.088	0.070	0.065	0.048	0.040	0.016	0.022	0.036	0.037	0.034	0.029		0.7500
0.8500	0.251	0.193	0.178	0.127	0.118	0.097	0.088	0.074	0.062	0.044	0.086	0.061	0.045	0.040	0.024	0.008	0.8500
0.9500	0.193	0.141	0.118	0.085	0.069	0.052	0.045	0.032	0.066	0.131	0.098	0.077	0.054	0.042	-0.010	-0.012	0.9500
								M = 2.228		α= 12.31							
0.0500	0.051	0.004	-0.022	-0.046	-0.054	-0.071	-0.082	-0.089	-0.110	-0.137	-0.106	-0.105	-0.110	-0.118	-0.059	-0.037	0.0500
0.1500	-0.013	-0.055	-0.076	-0.102	-0.106	-0.104	-0.099	-0.091	-0.109	-0.113	-0.116	-0.111	-0.130	-0.109	-0.081	-0.056	0.1500
0.2500	-0.014	-0.046	-0.046	-0.031	-0.035	-0.039	-0.045	-0.052	-0.061	-0.081	-0.119	-0.125				-0.097	0.2500
0.3500	-0.011	-0.025	-0.019	-0.031	-0.035	-0.037	-0.036	-0.046	-0.052	-0.073	-0.103	-0.106	-0.125	-0.128	-0.140	-0.111	0.3500
0.4500	-0.026	-0.048	-0.067	-0.073	-0.076	-0.071	-0.070	-0.069	-0.081	-0.135	-0.124	-0.105	-0.119	-0.127	-0.078	-0.072	0.4500
0.5500	0.020	0.074	-0.043	-0.069	-0.085	-0.091	-0.104	-0.114	-0.085	0.031	0.054	0.090	0.102	0.105	0.013	-0.002	0.5500
0.6500	0.164	0.112	0.087	0.056	0.033	0.030	0.015	-0.002	-0.013	-0.016	0.033	0.117	0.099	0.104	0.070	0.023	0.6500
0.7500	0.292	0.238	0.205	0.171	0.148	0.133	0.122	0.103	0.079	0.059	0.060	0.074	0.095	0.095	0.082		0.7500
0.8500	0.309	0.254	0.223	0.182	0.168	0.144	0.136	0.116	0.109	0.088	0.159	0.119	0.100	0.099	0.084	0.050	0.8500
0.9500	0.200	0.147	0.118	0.086	0.070	0.051	0.042	0.026	0.045	0.199	0.184	0.150	0.120	0.104	-0.020	-0.016	0.9500
								M = 2.229		α= 16.42							
0.0500	0.004	-0.041	-0.061	-0.082	-0.090	-0.105	-0.117	-0.123	-0.114	-0.148	-0.117	-0.131	-0.146	-0.086	-0.096	-0.101	0.0500
0.1500	-0.053	-0.094	-0.105	-0.121	-0.117	-0.111	-0.114	-0.113	-0.113	-0.122	-0.146	-0.131	-0.145	-0.158	-0.122	-0.117	0.1500
0.2500	-0.066	-0.073	-0.071	-0.079	-0.091	-0.103	-0.111	-0.117	-0.118	-0.124	-0.146	-0.138				-0.080	0.2500
0.3500	-0.068	-0.090	-0.094	-0.094	-0.085	-0.094	-0.101	-0.122	-0.123	-0.141	-0.150	-0.148	-0.160	-0.121	-0.106	-0.109	0.3500
0.4500	-0.073	-0.092	-0.108	-0.125	-0.124	-0.115	-0.109	-0.112	-0.123	-0.170	-0.156	-0.151	-0.161	-0.141	-0.085	-0.069	0.4500
0.5500	0.012	0.064	-0.051	-0.076	-0.089	-0.098	-0.108	-0.120	-0.088	0.047	0.092	0.116	0.152	0.169	0.012	0.000	0.5500
0.6500	0.218	0.162	0.135	0.104	0.080	0.068	0.056	0.034	0.015	0.027	0.046	0.161	0.168	0.177	0.143	0.062	0.6500
0.7500	0.384	0.323	0.288	0.248	0.224	0.205	0.196	0.171	0.152	0.129	0.132	0.135	0.164	0.157	0.152		0.7500
0.8500	0.379	0.317	0.285	0.240	0.220	0.198	0.185	0.167	0.152	0.142	0.212	0.190	0.190	0.173	0.155	0.102	0.8500
0.9500	0.206	0.151	0.122	0.090	0.072	0.053	0.042	0.024	0.049	0.235	0.258	0.224	0.207	0.183	0.025	-0.011	0.9500

TABLE V.- PRESSURE COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Continued
(b) BVWC $\delta = 0.5°$

$\frac{\theta}{2\pi}$	Fraction of body length, x/l																$\frac{\theta}{2\pi}$
	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 0.699		α=-04.15								
0.0500	0.128	0.128	0.061	-0.078	0.034	-0.014	-0.032	-0.028	0.044	0.012	-0.016	-0.020	-0.008	0.003	0.001	0.060	0.0500
0.1500	0.140	0.134	0.069	-0.030	0.003	-0.018	-0.031	-0.015	-0.002	-0.007	-0.026	-0.031	0.034	-0.005	0.015	0.074	0.1500
0.2500	0.091	0.071	0.037	-0.035	-0.041	-0.038	-0.049	-0.050	-0.037	-0.047	-0.055	-0.061				0.076	0.2500
0.3500	0.021	0.037	-0.009	-0.068	-0.068	-0.077	-0.084	-0.063	-0.044	-0.051	-0.057	-0.061	-0.163	-0.109	-0.032	0.049	0.3500
0.4500	-0.015	0.025	0.003	-0.123	-0.042	-0.072	-0.078	-0.067	0.014	-0.027	-0.043	-0.054	-0.117	-0.072	-0.026	0.035	0.4500
0.5500	-0.022	-0.042	-0.103	-0.169	-0.039	-0.073	-0.077	-0.061	-0.069	-0.146	-0.178	-0.171	-0.120	-0.039	-0.017	0.034	0.5500
0.6500	-0.022	-0.066	-0.124	-0.144	-0.075	-0.076	-0.080	-0.077	-0.084	-0.125	-0.165	-0.167	-0.129	-0.056	-0.024	0.031	0.6500
0.7500	-0.022	-0.076	-0.114	-0.123	-0.093	-0.087	-0.092	-0.087	-0.107	-0.138	-0.171	-0.169	-0.136	-0.068	-0.038		0.7500
0.8500	-0.012	-0.075	-0.111	-0.115	-0.072	-0.082	-0.092	-0.089	-0.110	-0.151	-0.187	-0.171	-0.138	-0.061	-0.034	0.035	0.8500
0.9500	0.061	-0.042	-0.104	-0.134	-0.014	-0.073	-0.056	-0.037	-0.079	-0.177	-0.215	-0.200	-0.150	-0.025	-0.013	0.042	0.9500
							M = 0.700		α=-00.05								
0.0500	0.109	0.075	0.028	-0.075	0.005	-0.012	-0.020	-0.027	0.007	-0.058	-0.095	-0.082	-0.044	0.008	0.010	0.071	0.0500
0.1500	0.084	0.034	0.004	-0.071	-0.023	-0.042	-0.048	-0.024	-0.049	-0.074	-0.102	-0.091	0.003	-0.006	0.018	0.079	0.1500
0.2500	0.035	-0.001	-0.031	-0.067	-0.066	-0.067	-0.071	-0.069	-0.069	-0.090	-0.109	-0.107				0.073	0.2500
0.3500	0.011	-0.023	-0.059	-0.094	-0.077	-0.070	-0.078	-0.074	-0.053	-0.075	-0.100	-0.103	-0.190	-0.112	-0.032	0.048	0.3500
0.4500	0.003	-0.024	-0.065	-0.154	-0.043	-0.068	-0.074	-0.066	-0.016	-0.069	-0.100	-0.103	-0.149	-0.068	-0.021	0.040	0.4500
0.5500		-0.001	-0.056	-0.158	-0.032	-0.063	-0.069	-0.052	-0.019	-0.080	-0.105	-0.104	-0.077	-0.026	-0.009	0.040	0.5500
0.6500	0.001	-0.012	-0.051	-0.106	-0.065	-0.070	-0.071	-0.065	-0.053	-0.079	-0.102	-0.107	-0.087	-0.041	-0.012	0.043	0.6500
0.7500	0.030	-0.013	-0.051	-0.092	-0.068	-0.070	-0.078	-0.069	-0.070	-0.089	-0.109	-0.117	-0.100	-0.054	-0.029		0.7500
0.8500	0.071		-0.021	-0.064	-0.041	-0.055	-0.067	-0.057	-0.050	-0.078	-0.108	-0.111	-0.095	-0.042	-0.025	0.037	0.8500
0.9500	0.109	0.060	0.018	-0.081	0.016	-0.036	-0.054	-0.027	-0.017	-0.075	-0.101	-0.109	-0.090	-0.006	-0.002	0.054	0.9500
							M = 0.695		α= 03.96								
0.0500	0.071	-0.081	-0.074	-0.127	0.022	-0.021	-0.040	-0.032	-0.057	-0.166	-0.213	-0.170	-0.094	-0.001	0.004	0.057	0.0500
0.1500	0.016	-0.064	-0.123	-0.109	-0.055	-0.066	-0.071	-0.071	-0.098	-0.140	-0.169	-0.142	-0.050	-0.033	-0.002	0.056	0.1500
0.2500	-0.015	-0.081	-0.121	-0.117	-0.090	-0.086	-0.086	-0.090	-0.101	-0.134	-0.163	-0.155				0.063	0.2500
0.3500	-0.024	-0.085	-0.121	-0.131	-0.082	-0.073	-0.085	-0.080	-0.076	-0.115	-0.154	-0.155	-0.224	-0.126	-0.045	0.037	0.3500
0.4500	-0.018	-0.092	-0.169	-0.195	-0.038	-0.070	-0.073	-0.070	-0.057	-0.126	-0.167	-0.161	-0.184	-0.071	-0.026	0.031	0.4500
0.5500	-0.014	0.051	0.024	-0.110	-0.022	-0.067	-0.071	-0.059	0.011	-0.031	-0.046	-0.049	-0.044	-0.028	-0.013	0.038	0.5500
0.6500	0.016	0.036	0.010	-0.060	-0.056	-0.067	-0.075	-0.063	-0.043	-0.050	-0.055	-0.061	-0.058	-0.035	-0.017	0.040	0.6500
0.7500	0.085	0.049	0.033	-0.022	-0.037	-0.054	-0.057	-0.057	-0.035	-0.043	-0.053	-0.067	-0.066	-0.048	-0.032		0.7500
0.8500	0.100	0.093	0.080	0.004	-0.003	-0.041	-0.043	-0.028	-0.006	-0.011	-0.034	-0.048	-0.056	-0.032	-0.021	0.040	0.8500
0.9500	0.153	0.139	0.097	-0.037	0.022	-0.015	-0.029	-0.016	0.023	0.003	-0.022	-0.044	-0.051	-0.008	-0.001	0.054	0.9500
							M = 0.700		α= 07.86								
0.0500	-0.007	-0.144	-0.214	-0.165	0.020	-0.039	-0.080	-0.064	-0.170	-0.290	-0.317	-0.249	-0.145	-0.006	0.012	0.058	0.0500
0.1500	-0.078	-0.179	-0.218	-0.164	-0.067	-0.081	-0.087	-0.096	-0.151	-0.222	-0.284	-0.263	-0.163	-0.055	-0.002	0.060	0.1500
0.2500	-0.065	-0.166	-0.207	-0.153	-0.106	-0.092	-0.099	-0.111	-0.139	-0.191	-0.235	-0.216				0.060	0.2500
0.3500	-0.055	-0.160	-0.197	-0.162	-0.094	-0.083	-0.095	-0.096	-0.111	-0.173	-0.235	-0.225	-0.242	-0.133	-0.041	0.038	0.3500
0.4500	-0.058	-0.243	-0.286	-0.214	-0.053	-0.077	-0.083	-0.081	-0.111	-0.205	-0.262	-0.239	-0.216	-0.072	-0.022	0.032	0.4500
0.5500	-0.056	0.154	0.112	-0.065	-0.021	-0.072	-0.077	-0.063	0.062	0.044	0.027	0.013		-0.017	-0.007	0.044	0.5500
0.6500	0.045	0.083	0.067	-0.059	-0.017	-0.062	-0.073	-0.059	-0.023	-0.005	0.006	-0.004	-0.016	-0.022	-0.012	0.046	0.6500
0.7500	0.140	0.131	0.102	-0.019	-0.001	-0.016	-0.024	-0.026	0.018	0.025	0.022	-0.001	-0.019	-0.028	-0.022		0.7500
0.8500	0.204	0.170	0.141	0.038	0.024	0.017	-0.006	0.011	0.055	0.070	0.053	0.025	-0.002	-0.008	-0.007	0.056	0.8500
0.9500	0.157	0.224	0.182	0.016	0.046	-0.027	-0.037	-0.016	0.105	0.109	0.071	0.031	0.002	0.008	0.010	0.065	0.9500
							M = 0.698		α= 11.96								
0.0500	-0.114	-0.356	-0.334	-0.234	0.040	-0.084	-0.112	-0.108	-0.306	-0.432	-0.448	-0.346	-0.227	-0.019	0.006	0.051	0.0500
0.1500	-0.164	-0.338	-0.334	-0.204	-0.066	-0.101	-0.122	-0.143	-0.239	-0.343	-0.413	-0.351	-0.258	-0.059	0.003	0.058	0.1500
0.2500	-0.159	-0.279	-0.295	-0.187	-0.112	-0.111	-0.124	-0.153	-0.201	-0.283	-0.353	-0.311				0.050	0.2500
0.3500	-0.128	-0.275	-0.310	-0.211	-0.114	-0.105	-0.114	-0.128	-0.169	-0.269	-0.356	-0.323	-0.261	-0.155	-0.048	0.037	0.3500
0.4500	-0.138	-0.441	-0.377	-0.236	-0.051	-0.092	-0.099	-0.090	-0.206	-0.331	-0.406	-0.341	-0.254	-0.080	-0.025	0.025	0.4500
0.5500	-0.125	0.193	0.193	-0.011	-0.017	-0.080	-0.100	-0.091	0.116	0.129	0.103	0.076	0.040	-0.014	-0.003	0.053	0.5500
0.6500	0.041	0.165	0.119	0.012	-0.026	-0.061	-0.082	-0.065	-0.004	0.038	0.075	0.057	0.027	-0.012	-0.010	0.049	0.6500
0.7500	0.258	0.191	0.175	0.073	0.060	0.004	-0.003	0.036	0.084	0.103	0.101	0.068	0.031	-0.007	-0.011		0.7500
0.8500	0.267	0.249	0.236	0.113	0.076	0.037	0.033	0.053	0.115	0.151	0.143	0.101	0.051	0.013	0.007	0.067	0.8500
0.9500	0.130	0.305	0.283	0.080	0.041	-0.021	-0.058	-0.050	0.175	0.209	0.155	0.104	0.050	0.013	0.013	0.069	0.9500

TABLE V.- PRESSURE COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Continued
(b) BVWC $\delta = 0.5°$- Continued

	Fraction of body length, x/l																
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 0.699		α= 15.97							
0.0500	-0.285	-0.779	-0.668	-0.402	-0.060	-0.147	-0.172	-0.183	-0.516	-0.652	-0.635	-0.525	-0.366	-0.079	-0.036	0.012	0.0500
0.1500	-0.286	-0.497	-0.495	-0.322	-0.110	-0.164	-0.216	-0.225	-0.338	-0.475	-0.565	-0.502	-0.419	-0.132	-0.050	0.010	0.1500
0.2500	-0.149	-0.402	-0.483	-0.274	-0.172	-0.169	-0.195	-0.231	-0.304	-0.423	-0.516	-0.461				0.003	0.2500
0.3500	-0.146	-0.411	-0.479	-0.305	-0.170	-0.159	-0.171	-0.193	-0.261	-0.408	-0.523	-0.466	-0.301	-0.216	-0.093	0.005	0.3500
0.4500	-0.253	-0.755	-0.672	-0.376	-0.072	-0.131	-0.135	-0.132	-0.342	-0.520	-0.583	-0.482	-0.319	-0.119	-0.056	-0.006	0.4500
0.5500	-0.259	0.256	0.254	0.023	-0.061	-0.117	-0.161	-0.162	0.148	0.193	0.151	0.120	0.070	-0.019	-0.017	0.037	0.5500
0.6500	0.047	0.165	0.161	0.031	-0.042	-0.073	-0.097	-0.084	-0.001	0.073	0.129	0.104	0.054	-0.016	-0.030	0.029	0.6500
0.7500	0.347	0.332	0.252	0.115	0.057	0.029	0.040	0.052	0.142	0.168	0.170	0.123	0.063	-0.006	-0.019		0.7500
0.8500	0.331	0.370	0.323	0.152	0.085	0.054	0.046	0.076	0.152	0.216	0.211	0.158	0.084	0.010	-0.005	0.056	0.8500
0.9500	0.011	0.376	0.356	0.100	-0.026	-0.093	-0.135	-0.117	0.221	0.294	0.213	0.143	0.078	-0.012	-0.016	0.045	0.9500
								M = 1.302		α=-03.95							
0.0500	0.190	0.181	0.186	0.101	0.042	0.040	0.014	0.003	0.100	0.057	0.038	0.020	-0.020	0.021	-0.027	-0.038	0.0500
0.1500	0.190	0.167	0.148	0.116	0.015	0.050	0.009	0.006	0.006	0.034	0.025	0.011	0.080	0.029	-0.011	-0.029	0.1500
0.2500	0.145	0.111	0.105	0.081	0.031	0.001	-0.016	-0.023	-0.025	-0.016	0.003	-0.015				-0.015	0.2500
0.3500	0.099	0.076	0.075	0.045	-0.018	-0.018	-0.042	-0.042	-0.037	-0.001	0.000	-0.002	-0.038	-0.132	-0.122	-0.008	0.3500
0.4500	0.061	0.082	0.082	0.057	-0.055	-0.020	-0.038	-0.038	0.063	0.015	0.006	0.008	-0.011	-0.127	-0.101	-0.046	0.4500
0.5500	0.053	0.031	-0.023	-0.044	-0.052	-0.023	-0.028	-0.034	0.027	-0.041	-0.071	-0.108	-0.128	-0.127	-0.092	-0.020	0.5500
0.6500	0.050	-0.002	-0.014	-0.043	-0.089	-0.017	-0.024	-0.031	-0.025	-0.019	-0.056	-0.105	-0.128	-0.139	-0.113	-0.004	0.6500
0.7500	0.054	-0.004	-0.004	-0.046	-0.086	-0.057	-0.012	-0.043	-0.054	-0.030	-0.061	-0.112	-0.132	-0.156	-0.131		0.7500
0.8500	0.076	0.002	0.008	-0.041	-0.095	-0.032	-0.030	-0.043	-0.034	-0.036	-0.085	-0.114	-0.133	-0.162	-0.076	-0.035	0.8500
0.9500	0.125	0.046	0.052	0.003	0.004	0.013	-0.008	-0.013	0.036	-0.070	-0.107	-0.133	-0.157	-0.113	-0.049	-0.030	0.9500
								M = 1.300		α= 00.15							
0.0500	0.175	0.134	0.107	0.054	0.048	0.054	0.006	0.014	0.090	0.016	-0.032	-0.042	-0.092	-0.027	-0.029	-0.026	0.0500
0.1500	0.137	0.094	0.071	0.040	-0.029	0.016	-0.018	-0.002	-0.001	-0.002	-0.042	-0.054	0.003	-0.030	-0.037	-0.012	0.1500
0.2500	0.094	0.055	0.040	0.022	-0.035	-0.046	-0.024	-0.028	-0.037	-0.020	-0.035	-0.062				0.004	0.2500
0.3500	0.066	0.038	0.028	0.008	-0.060	-0.029	-0.032	-0.036	-0.015	-0.003	-0.026	-0.052	-0.094	-0.179	-0.142	-0.008	0.3500
0.4500	0.065	0.044	0.026	-0.008	-0.060	-0.018	-0.032	-0.031	0.053	-0.001	-0.030	-0.052	-0.067	-0.170	-0.108	-0.033	0.4500
0.5500	0.063	0.080	0.030	0.004	-0.038	-0.006	-0.019	-0.019	0.055	-0.016	-0.031	-0.050	-0.074	-0.083	-0.083	-0.016	0.5500
0.6500	0.078	0.046	0.029	0.012	-0.067	-0.020	-0.016	-0.026	-0.017	0.003	-0.031	-0.058	-0.074	-0.083	-0.090	-0.011	0.6500
0.7500	0.108	0.052	0.030	0.013	-0.038	-0.050	-0.018	-0.028	-0.034	-0.007	-0.034	-0.070	-0.082	-0.102	-0.095		0.7500
0.8500	0.145	0.084	0.060	0.032	-0.039	0.012	-0.014	-0.009	-0.003	-0.014	-0.030	-0.060	-0.082	-0.099	-0.069	-0.046	0.8500
0.9500	0.176	0.122	0.084	0.059	0.021	0.054	0.005	0.011	0.058	-0.007	-0.019	-0.056	-0.093	-0.068	-0.035	-0.027	0.9500
								M = 1.303		α= 04.06							
0.0500	0.161	0.074	0.072	0.039	0.026	0.042	0.005	-0.001	0.061	-0.042	-0.117	-0.124	-0.161	-0.065	-0.028	0.002	0.0500
0.1500	0.112	0.026	0.010	-0.042	-0.083	-0.009	-0.025	-0.019	-0.028	-0.041	-0.079	-0.099	-0.072	-0.101	-0.051	-0.038	0.1500
0.2500	0.074	0.001	-0.016	-0.045	-0.093	-0.069	-0.025	-0.030	-0.039	-0.033	-0.070	-0.100				-0.003	0.2500
0.3500	0.067	-0.002	-0.018	-0.049	-0.110	-0.023	-0.019	-0.030	-0.011	-0.018	-0.059	-0.094	-0.140	-0.226	-0.166	-0.019	0.3500
0.4500	0.065	-0.008	-0.028	-0.068	-0.072	-0.012	-0.027	-0.020	0.033	-0.033	-0.062	-0.103	-0.118	-0.204	-0.113	-0.044	0.4500
0.5500	0.062	0.107	0.085	0.037	-0.027	-0.013	-0.042	-0.030	0.056	0.011	0.005	0.006	-0.012	-0.033	-0.076	-0.028	0.5500
0.6500	0.086	0.096	0.091	0.071	-0.017	-0.012	-0.042	-0.035	-0.039	-0.004		-0.007	-0.017	-0.024	-0.065	-0.053	0.6500
0.7500	0.136	0.109	0.101	0.077	0.022	-0.006	-0.021	-0.018	-0.025	-0.016	0.006	-0.019	-0.028	-0.040	-0.057		0.7500
0.8500	0.193	0.161	0.142	0.113	0.026	0.042	0.004	0.005	0.003	0.021	0.033	0.003	-0.018	-0.030	-0.043	-0.045	0.8500
0.9500	0.206	0.215	0.175	0.145	0.067	0.041	0.002	0.005	0.079	0.041	0.046	0.008	-0.028	-0.019	-0.024	-0.016	0.9500
								M = 1.302		α= 08.06							
0.0500	0.106	0.058	0.039	-0.050	-0.008	0.023	-0.028	-0.044	-0.025	-0.140	-0.183	-0.178	-0.206	-0.110	-0.045	0.027	0.0500
0.1500	0.028	-0.002	-0.042	-0.090	-0.119	-0.027	-0.054	-0.050	-0.052	-0.087	-0.146	-0.180	-0.175	-0.181	-0.075	0.044	0.1500
0.2500	0.024	-0.037	-0.066	-0.096	-0.138	-0.075	-0.028	-0.044	-0.054	-0.053	-0.104	-0.159				0.023	0.2500
0.3500	0.026	-0.028	-0.062	-0.097	-0.150	-0.025	-0.020	-0.034	-0.021	-0.043	-0.101	-0.156	-0.164	-0.262	-0.170	-0.006	0.3500
0.4500	0.030	-0.070	-0.118	-0.130	-0.079	-0.042	-0.017	-0.037	0.009	-0.065	-0.122	-0.156	-0.172	-0.209	-0.113	-0.060	0.4500
0.5500	0.031	0.209	0.190	0.165	-0.018	-0.022	-0.062	-0.043	0.074	0.047	0.059	0.066	0.068	0.024	-0.057	-0.033	0.5500
0.6500	0.089	0.153	0.166	0.149	0.034	-0.007	-0.071	-0.055	-0.055	0.008	0.060	0.069	0.056	0.045	-0.029	-0.088	0.6500
0.7500	0.174	0.196	0.189	0.168	0.091	0.048	-0.017	-0.006	-0.006	0.010	0.072	0.061	0.045	0.036	0.005		0.7500
0.8500	0.239	0.227	0.225	0.213	0.105	0.070	0.021	0.020	0.018	0.076	0.101	0.081	0.067	0.046	0.015	-0.030	0.8500
0.9500	0.226	0.275	0.251	0.240	0.090	0.013	-0.006	-0.014	0.126	0.120	0.121	0.088	0.065	0.030	-0.009	-0.017	0.9500

TABLE V.- PRESSURE COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Continued
(b) BVWC $\delta = 0.5°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 1.301 α = 12.06																	
0.0500	0.021	-0.093	-0.121	-0.149	-0.063	-0.048	-0.089	-0.088	-0.117	-0.223	-0.225	-0.241	-0.262	-0.192	-0.080	-0.001	0.0500
0.1500	-0.023	-0.102	-0.139	-0.154	-0.184	-0.076	-0.097	-0.081	-0.082	-0.146	-0.205	-0.231	-0.236	-0.282	-0.107	0.032	0.1500
0.2500	-0.024	-0.089	-0.117	-0.154	-0.176	-0.077	-0.048	-0.076	-0.078	-0.082	-0.182	-0.216				0.038	0.2500
0.3500	0.011	-0.080	-0.109	-0.159	-0.191	-0.020	-0.041	-0.069	-0.037	-0.079	-0.173	-0.216	-0.218	-0.280	-0.171	0.012	0.3500
0.4500	-0.024	-0.185	-0.149	-0.181	-0.092	-0.085	-0.087	-0.065	-0.041	-0.135	-0.183	-0.228	-0.243	-0.197	-0.105	-0.045	0.4500
0.5500	-0.011	0.261	0.265	0.237	-0.015	-0.042	-0.136	-0.083	0.091	0.079	0.117	0.147	0.148	0.085	-0.021	-0.019	0.5500
0.6500	0.149	0.222	0.235	0.226	0.090	-0.016	-0.077	-0.115	-0.064	0.026	0.136	0.143	0.134	0.110	0.006	-0.055	0.6500
0.7500	0.269	0.215	0.290	0.255	0.176	0.071	0.024	0.029	0.013	0.037	0.155	0.148	0.132	0.116	0.044		0.7500
0.8500	0.318	0.313	0.346	0.302	0.177	0.096	0.015	0.046	0.026	0.146	0.192	0.174	0.160	0.129	0.016	-0.022	0.8500
0.9500	0.231	0.385	0.382	0.308	0.089	-0.027	-0.027	-0.051	0.184	0.187	0.210	0.178	0.162	0.099	-0.041	-0.055	0.9500
M = 1.304 α = 16.12																	
0.0500	-0.065	-0.275	-0.325	-0.353	-0.143	-0.136	-0.127	-0.148	-0.196	-0.276	-0.303	-0.305	-0.314	-0.280	-0.169	-0.147	0.0500
0.1500	-0.086	-0.210	-0.195	-0.194	-0.212	-0.120	-0.164	-0.133	-0.111	-0.186	-0.245	-0.279	-0.293	-0.378	-0.218	-0.028	0.1500
0.2500	-0.017	-0.116	-0.171	-0.189	-0.225	-0.118	-0.091	-0.088	-0.120	-0.124	-0.233	-0.273				-0.027	0.2500
0.3500	-0.005	-0.116	-0.161	-0.204	-0.231	-0.078	-0.106	-0.078	-0.068	-0.139	-0.236	-0.282	-0.276	-0.273	-0.116	-0.065	0.3500
0.4500	-0.089	-0.280	-0.288	-0.261	-0.138	-0.078	-0.133	-0.085	-0.091	-0.230	-0.254	-0.295	-0.305	-0.194	-0.045	-0.067	0.4500
0.5500	-0.078	0.268	0.337	0.317	-0.025	-0.092	-0.215	-0.183	0.129	0.176	0.226	0.243	0.234	0.179	0.021	-0.017	0.5500
0.6500	0.168	0.268	0.302	0.325	0.074	-0.005	-0.104	-0.131	-0.137	-0.021	0.228	0.235	0.218	0.217	0.073	-0.061	0.6500
0.7500	0.303	0.358	0.402	0.365	0.177	0.098	0.060	0.054	0.059	0.042	0.249	0.242	0.221	0.217	0.131		0.7500
0.8500	0.384	0.427	0.452	0.394	0.270	0.136	0.026	0.052	0.052	0.182	0.285	0.276	0.244	0.227	0.068	-0.020	0.8500
0.9500	0.166	0.467	0.478	0.384	0.148	-0.081	-0.149	-0.107	0.177	0.269	0.302	0.284	0.237	0.193	-0.049	-0.112	0.9500
M = 2.229 α = -03.65																	
0.0500	0.181	0.163	0.141	0.079	0.030	0.042	0.037	0.029	0.068	0.064	0.028	0.012	-0.009	0.017	-0.009	-0.019	0.0500
0.1500	0.185	0.139	0.117	0.096	0.051	0.042	0.041	0.032	0.026	0.023	0.013	0.004	-0.010	0.038	0.014	-0.008	0.1500
0.2500	0.153	0.095	0.073	0.060	0.050	0.031	0.018	0.009	-0.003	-0.019	-0.022	-0.010				-0.028	0.2500
0.3500	0.083	0.046	0.042	0.037	0.021	0.012	-0.014	-0.023	-0.022	-0.033		-0.003	-0.015	-0.055	-0.068	-0.058	0.3500
0.4500	0.050	0.053	0.067	0.038	-0.023	-0.010	-0.012	-0.023	0.028	0.015		-0.003	-0.010	-0.042	-0.063	-0.063	0.4500
0.5500	0.040	0.089	0.004	-0.009	-0.039	-0.010	-0.011	-0.020	0.007	-0.019	-0.032	-0.041	-0.056	-0.057	-0.054	-0.056	0.5500
0.6500	0.039	0.013	0.001	-0.017	-0.024	-0.060	-0.020	-0.018	-0.010	-0.011	-0.019	-0.040	-0.056	-0.065	-0.067	-0.065	0.6500
0.7500	0.043	0.016	0.004	-0.016	-0.028	-0.039	-0.035	-0.033	-0.025	-0.028	-0.022	-0.048	-0.060	-0.065	-0.078		0.7500
0.8500	0.076	0.037	0.012	-0.008	-0.021	-0.029	-0.012	-0.023	-0.019	-0.028	-0.046	-0.055	-0.062	-0.071	-0.073	-0.055	0.8500
0.9500	0.132	0.076	0.061	0.014	-0.003	0.022	0.025	0.010	0.032	-0.006	-0.047	-0.061	-0.062	-0.073	-0.034	-0.034	0.9500
M = 2.229 α = 00.40																	
0.0500	0.152	0.124	0.132	0.073	0.036	0.034	0.046	0.033	0.056	0.026	-0.020	-0.030	-0.046	-0.022	-0.011	-0.017	0.0500
0.1500	0.137	0.092	0.086	0.043	0.015	0.003	0.015	0.010	-0.004	-0.007	-0.030	-0.034	-0.048	-0.003	-0.024	-0.029	0.1500
0.2500	0.114	0.044	0.047	0.023	0.004	-0.013	-0.019	-0.016	-0.026	-0.035	-0.031	-0.034				-0.052	0.2500
0.3500	0.058	0.028	0.026	0.008	-0.009	-0.024	-0.021	-0.019	-0.014	-0.014	-0.014	-0.027	-0.043	-0.081	-0.089	-0.077	0.3500
0.4500	0.050	0.029	0.017		-0.047	-0.010	-0.021	-0.018	0.018	-0.004	-0.017	-0.023	-0.037	-0.068	-0.070	-0.068	0.4500
0.5500	0.047	0.107	0.028	0.009	-0.041	-0.005	-0.005	-0.016	0.017	-0.001	-0.015	-0.023	-0.033	-0.034	-0.050	-0.052	0.5500
0.6500	0.061	0.064	0.029	0.012	0.000	-0.018	-0.027	-0.019	-0.019	-0.013	-0.011	-0.026	-0.035	-0.044	-0.050	-0.056	0.6500
0.7500	0.092	0.033	0.029	0.017	0.006	-0.003	-0.016	-0.021	-0.025	-0.026	-0.015	-0.032	-0.043	-0.047	-0.061		0.7500
0.8500	0.128	0.053	0.062	0.033	0.028	0.006	-0.003	0.003	0.002	0.003	-0.015	-0.031	-0.040	-0.050	-0.055	-0.053	0.8500
0.9500	0.159	0.099	0.096	0.070	0.000	0.034	0.028	0.025	0.050	0.024	-0.006	-0.024	-0.032	-0.045	-0.026	-0.027	0.9500
M = 2.229 α = 04.26																	
0.0500	0.135	0.070	0.068	0.031	-0.021	0.040	0.034	0.014	0.034	-0.020	-0.074	-0.074	-0.084	-0.058	-0.018	-0.018	0.0500
0.1500	0.084	0.036	0.014	-0.005	-0.024	-0.029	-0.005	-0.023	-0.036	-0.042	-0.063	-0.060	-0.076	-0.046	-0.061	-0.044	0.1500
0.2500	0.048	0.010	-0.004	-0.023	-0.027	-0.042	-0.037	-0.041	-0.033	-0.037	-0.042	-0.054				-0.074	0.2500
0.3500	0.037	0.004	-0.007	-0.031	-0.040	-0.049	-0.031	-0.017	-0.012	-0.017	-0.029	-0.050	-0.067	-0.103	-0.107	-0.099	0.3500
0.4500	0.035	-0.018	-0.020	-0.035	-0.062	-0.017	-0.018	-0.021	0.004	-0.030	-0.040	-0.049	-0.064	-0.086	-0.071	-0.074	0.4500
0.5500	0.038	0.127	0.083	0.053	-0.018	-0.011	-0.010	-0.027	0.018	0.014	0.001	-0.003	-0.006	-0.005	-0.038	-0.046	0.5500
0.6500	0.060	0.053	0.057	0.047	0.035	0.005	-0.018	-0.026	-0.028	-0.037	-0.001	-0.001	-0.004	-0.010	-0.022	-0.044	0.6500
0.7500	0.145	0.092	0.083	0.062	0.050	0.027	0.018	0.001	-0.004	-0.010	-0.008	-0.009	-0.016	-0.020	-0.032		0.7500
0.8500	0.185	0.139	0.131	0.087	0.079	0.046	0.037	0.021	0.026	0.027	0.031	0.007	-0.005	-0.014	-0.026	-0.039	0.8500
0.9500	0.186	0.176	0.166	0.120	0.038	0.052	0.039	0.026	0.062	0.060	0.042	0.020	0.006	-0.009	-0.022	-0.023	0.9500

TABLE V.- PRESSURE COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Continued
(b) BVWC $\delta = 0.5°$ - Concluded

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 2.232		α = 08.31							
0.0500	0.068	-0.006	0.006	-0.029	-0.052	0.035	0.000	-0.014	-0.029	-0.088	-0.117	-0.102	-0.111	-0.094	-0.047	-0.040	0.0500
0.1500	0.032	-0.025	-0.033	-0.045	-0.054	-0.044	-0.037	-0.045	-0.067	-0.073	-0.098	-0.095	-0.108	-0.092	-0.080	-0.051	0.1500
0.2500	0.009	-0.022	-0.036	-0.055	-0.065	-0.075	-0.057	-0.044	-0.040	-0.043	-0.066	-0.085				-0.090	0.2500
0.3500	0.013	-0.018	-0.034	-0.059	-0.066	-0.064	-0.022	-0.032	-0.020	-0.032	-0.056	-0.084	-0.095	-0.125	-0.122	-0.117	0.3500
0.4500	0.006	-0.044	-0.057	-0.070	-0.083	-0.033	-0.021	-0.039	-0.029	-0.068	-0.078	-0.084	-0.097	-0.110	-0.079	-0.077	0.4500
0.5500	0.030	0.149	0.098	0.112	0.020	-0.011	-0.023	-0.049	-0.013	0.009	0.012	0.027	0.027	0.033	-0.020	-0.038	0.5500
0.6500	0.114	0.082	0.095	0.098	0.082	0.043	0.012	-0.009	-0.029	-0.048	0.011	0.038	0.038	0.034	0.016	-0.022	0.6500
0.7500	0.207	0.140	0.144	0.126	0.104	0.096	0.067	0.049	0.040	0.014	0.023	0.024	0.020	0.020	0.009		0.7500
0.8500	0.242	0.186	0.197	0.166	0.149	0.100	0.082	0.057	0.042	0.041	0.083	0.057	0.039	0.032	0.017	-0.007	0.8500
0.9500	0.192	0.237	0.248	0.185	0.093	0.052	0.029	0.001	0.060	0.111	0.100	0.073	0.052	0.037	-0.020	-0.028	0.9500
								M = 2.233		α = 12.36							
0.0500	0.042	-0.025	-0.036	-0.065	-0.033	0.047	-0.039	-0.061	-0.080	-0.131	-0.143	-0.124	-0.130	-0.112	-0.073	-0.073	0.0500
0.1500	-0.004	-0.064	-0.072	-0.074	-0.068	-0.046	-0.065	-0.086	-0.083	-0.096	-0.123	-0.115	-0.130	-0.120	-0.098	-0.093	0.1500
0.2500	-0.013	-0.053	-0.074	-0.080	-0.087	-0.090	-0.064	-0.047	-0.054	-0.061	-0.099	-0.108				-0.081	0.2500
0.3500	-0.015	-0.037	-0.063	-0.079	-0.086	-0.076	-0.033	-0.033	-0.032	-0.053	-0.082	-0.112	-0.126	-0.133	-0.114	-0.112	0.3500
0.4500	-0.024	-0.103	-0.096	-0.089	-0.084	-0.029	-0.039	-0.057	-0.069	-0.117	-0.108	-0.109	-0.123	-0.120	-0.077	-0.072	0.4500
0.5500	0.012	0.161	0.139	0.167	0.087	-0.014	-0.051	-0.082	-0.055	0.011	0.018	0.051	0.072	0.087	0.001	-0.025	0.5500
0.6500	0.136	0.121	0.141	0.170	0.147	0.097	0.053	0.017	-0.001	-0.027	0.021	0.090	0.092	0.094	0.068	0.008	0.6500
0.7500	0.282	0.220	0.206	0.193	0.184	0.160	0.114	0.110	0.092	0.066	0.068	0.069	0.077	0.077	0.065		0.7500
0.8500	0.308	0.255	0.274	0.228	0.221	0.169	0.137	0.101	0.077	0.054	0.146	0.115	0.093	0.086	0.080	0.036	0.8500
0.9500	0.205	0.289	0.325	0.261	0.152	0.033	0.023	-0.017	0.002	0.110	0.185	0.146	0.124	0.101	-0.015	-0.025	0.9500
								M = 2.232		α = 16.37							
0.0500	0.004	-0.089	-0.090	-0.113	-0.079	-0.047	-0.088	-0.137	-0.160	-0.160	-0.172	-0.152	-0.159	-0.134	-0.087	-0.072	0.0500
0.1500	-0.050	-0.098	-0.103	-0.111	-0.102	-0.060	-0.103	-0.114	-0.095	-0.129	-0.160	-0.142	-0.156	-0.144	-0.112	-0.093	0.1500
0.2500	-0.063	-0.082	-0.083	-0.105	-0.109	-0.098	-0.070	-0.086	-0.082	-0.081	-0.116	-0.126				-0.088	0.2500
0.3500	-0.066	-0.099	-0.083	-0.102	-0.105	-0.099	-0.051	-0.053	-0.055	-0.081	-0.112	-0.134	-0.148	-0.152	-0.126	-0.143	0.3500
0.4500	-0.073	-0.142	-0.144	-0.140	-0.112	-0.040	-0.056	-0.090	-0.130	-0.174	-0.141	-0.123	-0.143	-0.138	-0.087	-0.076	0.4500
0.5500	0.011	0.209	0.198	0.274	0.126	-0.023	-0.072	-0.104	-0.074	0.036	0.063	0.091	0.131	0.157	0.025	-0.021	0.5500
0.6500	0.188	0.169	0.192	0.246	0.177	0.179	0.113	0.065	0.043	0.014	0.047	0.146	0.151	0.163	0.128	0.045	0.6500
0.7500	0.259	0.300	0.266	0.287	0.249	0.254	0.209	0.172	0.153	0.135	0.114	0.129	0.142	0.139	0.138		0.7500
0.8500	0.384	0.327	0.352	0.328	0.302	0.242	0.192	0.149	0.120	0.102	0.214	0.189	0.176	0.162	0.137	0.082	0.8500
0.9500	0.201	0.343	0.397	0.356	0.220	0.040	0.003	-0.029	-0.025	0.158	0.227	0.220	0.203	0.177	0.014	-0.019	0.9500

TABLE V.- PRESSURE COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Continued
(c) BVWC $\delta = 9.9°$

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 0.698 α=-04.10																	
0.0500	0.144	0.180	0.030	-0.046	0.022	0.006	-0.006	0.010	0.115	0.021	-0.080	-0.088	-0.016	0.013	0.019	0.068	0.0500
0.1500	0.145	0.069	0.036	0.001	0.022	0.017	0.010	0.019	0.034	0.029	0.002	-0.009	0.011	0.014	0.030	0.091	0.1500
0.2500	0.083	0.032	-0.008	-0.030	-0.027	-0.025	-0.033	-0.027	0.009	-0.009	-0.026	-0.038				0.093	0.2500
0.3500	0.034	-0.021	-0.063	-0.103	-0.081	-0.069	-0.077	-0.063	-0.021	-0.018	-0.032	-0.043	-0.134	-0.089	-0.026	0.069	0.3500
0.4500	0.001	0.016	-0.102	-0.167	-0.085	-0.084	-0.086	-0.067	0.073	0.019	-0.023	-0.040	-0.119	-0.060	-0.015	0.052	0.4500
0.5500	0.001	0.028	-0.014	-0.239	-0.062	-0.079	-0.070	-0.054	-0.090	-0.184	-0.123	-0.159	-0.111	-0.018	-0.006	0.054	0.5500
0.6500	0.002	-0.005	-0.022	-0.083	-0.039	-0.055	-0.064	-0.060	-0.101	-0.135	-0.179	-0.159	-0.115	-0.045	-0.015	0.041	0.6500
0.7500	0.002	-0.018	-0.039	-0.076	-0.062	-0.068	-0.077	-0.079	-0.093	-0.127	-0.161	-0.156	-0.121	-0.051	-0.018		0.7500
0.8500	0.023		-0.050	-0.096	-0.054	-0.077	-0.089	-0.089	-0.110	-0.133	-0.183	-0.177	-0.132	-0.058	-0.037	0.036	0.8500
0.9500	0.082	0.064	-0.001	-0.153	0.001	-0.054	-0.066	-0.061	-0.138	-0.163	-0.172	-0.178	-0.125	-0.008	0.005	0.069	0.9500
M = 0.702 α=-00.05																	
0.0500	0.128	0.266	-0.036	-0.076	0.018	0.005	0.001	0.024	0.084	-0.028	-0.093	-0.079	-0.044	0.004	0.011	0.061	0.0500
0.1500	0.076	-0.054	-0.113	-0.043	-0.005	-0.008	-0.014	-0.007	-0.009	-0.033	-0.091	-0.081	-0.026	-0.002	0.018	0.076	0.1500
0.2500	0.020	-0.066	-0.099	-0.086	-0.066	-0.054	-0.060	-0.057	-0.036	-0.055	-0.097	-0.097				0.083	0.2500
0.3500	0.011	-0.098	-0.140	-0.139	-0.096	-0.073	-0.077	-0.067	-0.051	-0.063	-0.084	-0.097	-0.175	-0.103	-0.042	0.060	0.3500
0.4500	0.011	0.093	-0.201	-0.203	-0.081	-0.075	-0.074	-0.058	-0.001	-0.043	-0.075	-0.094	-0.169	-0.082	-0.022	0.052	0.4500
0.5500	0.015	0.085	0.085	-0.256	-0.097	-0.080	-0.084	-0.058	-0.038	-0.122	-0.120	-0.095	-0.121	-0.057	-0.011	0.046	0.5500
0.6500	0.022	0.043	0.035	-0.045	-0.024	-0.053	-0.061	-0.058	-0.073	-0.133	-0.116	-0.104	-0.085	-0.036	-0.012	0.046	0.6500
0.7500	0.053	0.045	0.018	-0.038	-0.043	-0.058	-0.068	-0.070	-0.079	-0.106	-0.114	-0.109	-0.101	-0.041	-0.017		0.7500
0.8500	0.101	0.093	0.051	-0.044	-0.022	-0.053	-0.067	-0.060	-0.080	-0.104	-0.118	-0.123	-0.161	-0.065	-0.036	0.030	0.8500
0.9500	0.133	0.169	0.108	-0.166	-0.008	-0.047	-0.065	-0.061	-0.142	-0.114	-0.083	-0.070	-0.068	0.005	-0.011	0.065	0.9500
M = 0.695 α= 04.00																	
0.0500	0.081	0.334	-0.162	-0.136	0.018	-0.009	0.000	0.003	0.133	-0.062	-0.158	-0.132	-0.085	-0.013	-0.001	0.060	0.0500
0.1500	0.002	-0.225	-0.141	-0.084	-0.021	-0.016	-0.030	-0.040	-0.028	-0.094	-0.168	-0.139	-0.042	-0.012	0.009	0.072	0.1500
0.2500	-0.029	-0.168	-0.202	-0.164	-0.086	-0.067	-0.080	-0.082	-0.076	-0.107	-0.152	-0.141				0.071	0.2500
0.3500	-0.017	-0.189	-0.245	-0.177	-0.106	-0.077	-0.087	-0.073	-0.050	-0.079	-0.138	-0.147	-0.194	-0.121	-0.044	0.050	0.3500
0.4500	-0.008	0.203	-0.222	-0.252	-0.084	-0.077	-0.073	-0.064	-0.011	-0.039	-0.115	-0.152	-0.193	-0.088	-0.028	0.046	0.4500
0.5500		0.164	0.177	-0.274	-0.040	-0.084	-0.084	-0.061	-0.045	-0.085	-0.086	-0.057	-0.077	-0.019	-0.011	0.047	0.5500
0.6500	0.040	0.085	0.078	-0.007	-0.016	-0.051	-0.066	-0.063	-0.059	-0.111	-0.087	-0.060	-0.051	-0.033	-0.014	0.045	0.6500
0.7500	0.120	0.120	0.095	0.006	-0.021	-0.043	-0.057	-0.055	-0.063	-0.095	-0.070	-0.064	-0.060	-0.044	-0.028		0.7500
0.8500	0.175	0.186	0.147	0.011	0.004	-0.034	-0.046	-0.036	-0.060	-0.069	-0.037	-0.058	-0.055	-0.025	-0.016	0.048	0.8500
0.9500	0.154	0.257	0.219	-0.173	-0.043	-0.064	-0.057	-0.038	-0.145	-0.107	-0.022	-0.044	-0.047	-0.014	0.005	0.058	0.9500
M = 0.699 α= 07.91																	
0.0500	0.006	0.380	-0.370	-0.264	-0.036	-0.085	-0.101	-0.157	-0.175	-0.319	-0.400	-0.259	-0.211	0.004	0.015	0.035	0.0500
0.1500	-0.072	-0.593	-0.256	-0.112	-0.022	-0.010	-0.053	-0.092	-0.145	-0.208	-0.281	-0.216	-0.113	-0.017	0.027	0.077	0.1500
0.2500	-0.060	-0.260	-0.301	-0.179	-0.095	-0.076	-0.101	-0.118	-0.132	-0.175	-0.221	-0.192				0.080	0.2500
0.3500	-0.041	-0.296	-0.329	-0.219	-0.118	-0.093	-0.095	-0.095	-0.104	-0.148	-0.214	-0.213	-0.233	-0.068	-0.047	0.056	0.3500
0.4500	-0.050	0.302	-0.397	-0.343	-0.110	-0.082	-0.076	-0.073	-0.064	-0.134	-0.216	-0.220	-0.214	-0.095	-0.025	0.049	0.4500
0.5500	-0.040	0.209	0.269	-0.305	-0.081	-0.102	-0.072	-0.050	0.003	-0.049	0.000	-0.022	-0.082	-0.042	-0.005	0.048	0.5500
0.6500	0.062	0.130	0.157	0.037	-0.013	-0.058	-0.069	-0.061	-0.030	-0.027	0.004	0.001	-0.002	-0.019	0.001	0.056	0.6500
0.7500	0.195	0.205	0.177	0.057	0.008	-0.021	-0.028	-0.020	-0.004	0.003	0.009	-0.008	-0.021	-0.023	-0.013		0.7500
0.8500	0.245	0.275	0.238	0.067	0.028	-0.015	-0.023	-0.007	0.021	0.040	0.036	0.004	-0.024	-0.027	-0.003	0.058	0.8500
0.9500	0.150	0.334	0.320	-0.199	-0.039	-0.078	-0.064	-0.049	0.008	0.119	0.066	0.024	-0.006	-0.003	0.003	0.065	0.9500
M = 0.700 α= 11.91																	
0.0500	-0.094	0.404	-0.804	-0.535	-0.309	-0.169	-0.195	-0.140	-0.273	-0.435	-0.468	-0.350	-0.235	-0.041	-0.018	0.003	0.0500
0.1500	-0.148	-0.859	-0.345	-0.161	-0.067	-0.037	-0.101	-0.148	-0.242	-0.353	-0.464	-0.404	-0.302	-0.132	-0.065	-0.005	0.1500
0.2500	-0.120	-0.371	-0.370	-0.228	-0.134	-0.104	-0.131	-0.159	-0.201	-0.280	-0.346	-0.309				0.027	0.2500
0.3500	-0.061	-0.497	-0.478	-0.277	-0.169	-0.132	-0.114	-0.127	-0.164	-0.243	-0.338	-0.306	-0.294	-0.159	-0.064	0.048	0.3500
0.4500	-0.112	0.373	-0.649	-0.492	-0.193	-0.110	-0.106	-0.070	-0.112	-0.240	-0.361	-0.328	-0.272	-0.114	-0.038	0.035	0.4500
0.5500	-0.109	0.248	0.355	-0.347	-0.092	-0.078	-0.091	-0.076	0.060	0.087	0.102	0.034	-0.013	-0.043	-0.021	0.038	0.5500
0.6500	0.071	0.163	0.220	0.069	-0.029	-0.051	-0.063	-0.052	0.007	0.023	0.055	0.048	0.032	-0.019	-0.008	0.044	0.6500
0.7500	0.279	0.288	0.263	0.103	0.025	0.017	0.015	0.038	0.065	0.080	0.085	0.051	0.019	-0.021	-0.019		0.7500
0.8500	0.303	0.353	0.331	0.105	0.006	0.001	0.005	0.032	0.087	0.119	0.127	0.084	0.038	-0.012	-0.016	0.051	0.8500
0.9500	0.115	0.388	0.413	-0.265	-0.218	-0.076	-0.074	-0.076	0.135	0.173	0.135	0.092	0.044	0.004	-0.002	0.060	0.9500

TABLE V.- PRESSURE COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Continued
(c) BVWC $\delta = 9.9°$ - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 0.696 α= 15.87																	
0.0500	-0.209	0.436	-0.835	-0.707	-0.545	-0.264	-0.194	-0.206	-0.482	-0.655	-0.649	-0.501	-0.318	-0.078	-0.022	-0.002	0.0500
0.1500	-0.196	-0.735	-0.467	-0.310	-0.231	-0.110	-0.145	-0.270	-0.430	-0.538	-0.622	-0.547	-0.402	-0.137	-0.066	0.002	0.1500
0.2500	-0.093	-0.512	-0.453	-0.282	-0.183	-0.109	-0.134	-0.194	-0.331	-0.394	-0.497	-0.437				0.015	0.2500
0.3500	-0.072	-1.152	-0.651	-0.348	-0.248	-0.123	-0.138	-0.157	-0.261	-0.356	-0.481	-0.429	-0.326	-0.181	-0.083	0.027	0.3500
0.4500	-0.184	0.434	-0.988	-0.754	-0.267	-0.119	-0.074	-0.055	-0.225	-0.387	-0.504	-0.438	-0.319	-0.142	-0.051	0.014	0.4500
0.5500	-0.191	0.265	0.449	-0.377	-0.157	-0.110	-0.122	-0.101	0.147	0.136	0.176	0.139	0.077	-0.075	-0.022	0.039	0.5500
0.6500	0.091	0.209	0.281	0.116	-0.027	-0.040	-0.047	-0.029	0.026	0.086	0.154	0.117	0.063	-0.012	-0.015	0.041	0.6500
0.7500	0.379	0.388	0.354	0.159	0.057	0.063	0.088	0.124	0.146	0.169	0.146	0.127	0.073	-0.006	-0.008		0.7500
0.8500	0.370	0.441	0.424	0.157	-0.041	-0.016	0.029	0.076	0.160	0.226	0.188	0.162	0.081	0.008	0.005	0.059	0.8500
0.9500	0.072	0.436	0.508	-0.237	-0.467	-0.217	-0.142	-0.136	0.218	0.311	0.225	0.157	0.093	0.003	0.003	0.054	0.9500
M = 1.298 α=-03.81																	
0.0500	0.194	0.239	0.118	0.060	-0.081	0.082	0.032	0.018	0.158	0.105	0.039	0.028	-0.014	0.023	-0.021	-0.034	0.0500
0.1500	0.192	0.119	0.101	0.069	0.039	0.072	0.027	0.033	0.023	0.063	0.037	0.020	0.082	0.031	-0.006	-0.029	0.1500
0.2500	0.146	0.088	0.063	0.035	0.008	-0.025	-0.024	-0.003	-0.017	-0.005	0.026	-0.002				-0.014	0.2500
0.3500	0.091	0.038	0.010	-0.021	-0.050	-0.110	-0.025	-0.034	-0.046	0.024	0.032	0.009	-0.040	-0.132	-0.120	-0.011	0.3500
0.4500	0.056	0.069	-0.030	-0.050	-0.167	-0.003	-0.043	-0.041	0.089	0.061	0.036	0.015	-0.017	-0.128	-0.097	-0.065	0.4500
0.5500	0.051	0.077	0.062	-0.043	-0.080	-0.048	-0.038	-0.033	-0.005	-0.089	-0.099	-0.120	-0.132	-0.127	-0.084	-0.031	0.5500
0.6500	0.052	0.033	0.056	0.042	-0.078	0.006	-0.015	-0.033	-0.026	-0.037	-0.080	-0.112	-0.125	-0.137	-0.108	-0.014	0.6500
0.7500	0.055	0.018	0.047	0.016	-0.057	-0.011	-0.022	-0.048	-0.052	-0.039	-0.077	-0.121	-0.136	-0.151	-0.108		0.7500
0.8500	0.084	0.042	0.053	0.011	-0.022	-0.032	-0.034	-0.053	-0.047	-0.068	-0.106	-0.137	-0.153	-0.167	-0.093	-0.088	0.8500
0.9500	0.139	0.126	0.089	0.010	0.032	0.008	-0.024	-0.023	-0.034	-0.108	-0.082	-0.106	-0.133	-0.140	-0.039	-0.049	0.9500
M = 1.303 α= 00.10																	
0.0500	0.179	0.330	0.073	0.018	-0.082	0.086	0.027	0.031	0.178	0.077	-0.031	-0.034	-0.083	-0.028	-0.025	-0.029	0.0500
0.1500	0.136	0.049	0.006	0.019	-0.008	0.065	0.010	0.013	0.011	0.035	-0.030	-0.036	0.010	-0.031	-0.031	-0.019	0.1500
0.2500	0.089	0.034	0.000	-0.024	-0.041	-0.066	-0.010	-0.020	-0.032	-0.011	-0.013	-0.050				0.001	0.2500
0.3500	0.067	0.004	-0.038	-0.062	-0.083	-0.101	-0.012	-0.031	-0.032	0.016	0.013	-0.041	-0.092	-0.181	-0.143	-0.009	0.3500
0.4500	0.060	0.133	-0.125	-0.085	-0.173	0.022	-0.034	-0.029	0.075	0.048	0.023	-0.046	-0.068	-0.175	-0.104	-0.049	0.4500
0.5500	0.065	0.110	0.160	-0.030	-0.091	-0.024	-0.044	-0.037	0.026	-0.073	-0.081	-0.065	-0.072	-0.076	-0.082	-0.020	0.5500
0.6500	0.079	0.081	0.106	0.115	-0.035	0.006	-0.028	-0.025	-0.022	-0.034	-0.076	-0.069	-0.078	-0.086	-0.096	-0.023	0.6500
0.7500	0.109	0.073	0.078	0.098	-0.009	-0.011	-0.038	-0.035	-0.042	-0.033	-0.062	-0.083	-0.087	-0.106	-0.085		0.7500
0.8500	0.153	0.133	0.108	0.095	0.012	-0.011	-0.019	-0.018	-0.024	-0.055	-0.038	-0.084	-0.122	-0.133	-0.089	-0.090	0.8500
0.9500	0.180	0.227	0.159	0.022	-0.033	0.018	-0.023	-0.026	-0.042	-0.075	-0.003	-0.043	-0.073	-0.066	-0.027	-0.045	0.9500
M = 1.304 α= 03.96																	
0.0500	0.157	0.422	-0.023	-0.053	-0.104	0.065	0.032	0.001	0.187	0.094	-0.114	-0.096	-0.134	-0.076	-0.028	-0.002	0.0500
0.1500	0.092	-0.023	-0.069	-0.036	-0.065	0.045	-0.008	-0.011	-0.012	0.011	-0.092	-0.075	-0.055	-0.089	-0.043	-0.016	0.1500
0.2500	0.058	-0.014	-0.064	-0.075	-0.111	-0.106	-0.012	-0.033	-0.050	-0.001	-0.053	-0.078				0.007	0.2500
0.3500	0.059	-0.024	-0.098	-0.105	-0.126	-0.113	-0.010	-0.043	-0.027	0.021	-0.004	-0.078	-0.143	-0.225	-0.154	-0.011	0.3500
0.4500	0.059	0.258	-0.101	-0.140	-0.197	0.029	-0.041	-0.048	0.071	0.024	0.022	-0.089	-0.125	-0.204	-0.106	-0.022	0.4500
0.5500	0.059	0.142	0.253	-0.015	-0.039	-0.030	-0.062	-0.060	0.027	-0.044	-0.083	0.012	0.007	-0.035	-0.071	-0.008	0.5500
0.6500	0.088	0.093	0.202	0.188	0.014	0.009	-0.085	-0.045	-0.039	-0.033	-0.068	-0.025	-0.007	-0.023	-0.066	-0.049	0.6500
0.7500	0.150	0.117	0.175	0.169	0.048	0.011	-0.044	-0.040	-0.031	-0.039	-0.021	-0.059	-0.024	-0.031	-0.058		0.7500
0.8500	0.204	0.211	0.206	0.186	0.065	0.011	-0.021	-0.025	-0.015	-0.049	0.039	-0.009	-0.025	-0.018	-0.027	-0.038	0.8500
0.9500	0.204	0.357	0.255	0.052	-0.069	-0.026	-0.027	-0.009	-0.024	-0.130	0.059	-0.006	-0.054	-0.022	-0.022	-0.011	0.9500
M = 1.301 α= 08.01																	
0.0500	0.099	0.536	-0.254	-0.131	-0.149	0.031	-0.061	-0.060	-0.006	-0.152	-0.220	-0.202	-0.229	-0.129	-0.057	0.023	0.0500
0.1500	0.026	-0.154	-0.066	-0.084	-0.103	0.049	-0.036	-0.006	-0.068	-0.067	-0.132	-0.186	-0.168	-0.201	-0.065	-0.011	0.1500
0.2500	0.022	-0.029	-0.116	-0.135	-0.140	-0.102	0.002	-0.024	-0.088	-0.072	-0.093	-0.147				0.039	0.2500
0.3500	0.034	-0.038	-0.161	-0.144	-0.149	-0.112	-0.017	-0.029	-0.073	-0.029	-0.085	-0.155	-0.180	-0.265	-0.140	0.018	0.3500
0.4500	0.027	0.404	-0.199	-0.200	-0.225	0.039	-0.039	-0.018	0.019	-0.026	-0.088	-0.154	-0.168	-0.206	-0.086	-0.026	0.4500
0.5500	0.038	0.213	0.367	0.024	-0.084	-0.058	-0.092	-0.011	0.029	-0.002	0.043	0.068	0.066	0.012	-0.031	-0.011	0.5500
0.6500	0.122	0.137	0.304	0.290	0.073	-0.046	-0.120	-0.060	-0.045	-0.015	0.026	0.055	0.052	0.038	-0.019	-0.052	0.6500
0.7500	0.232	0.199	0.304	0.282	0.127	0.030	-0.027	-0.029	-0.024	0.002	0.049	0.044	0.041	0.031	0.001		0.7500
0.8500	0.274	0.309	0.328	0.297	0.135	0.028	-0.014	-0.001	0.002	0.049	0.090	0.065	0.060	0.041	0.012	-0.036	0.8500
0.9500	0.207	0.484	0.390	0.107	-0.010	-0.066	-0.046	-0.025	0.071	0.096	0.112	0.074	0.056	0.022	-0.013	-0.041	0.9500

NASA

TABLE V.- PRESSURE COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Continued
(c) BVWC $\delta = 9.9°$- Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M= 1.301		α= 12.06								
0.0500	0.035	0.638	-0.376	-0.265	-0.266	-0.098	-0.082	-0.106	-0.102	-0.218	-0.251	-0.239	-0.267	-0.181	-0.079	0.037	0.0500
0.1500	-0.030	-0.192	-0.098	-0.126	-0.139	0.010	-0.075	-0.058	-0.112	-0.176	-0.245	-0.266	-0.278	-0.237	-0.077	0.065	0.1500
0.2500	-0.015	-0.055	-0.172	-0.170	-0.168	-0.087	-0.048	-0.070	-0.092	-0.122	-0.161	-0.202				0.064	0.2500
0.3500	0.016	-0.069	-0.184	-0.191	-0.175	-0.115	-0.042	-0.054	-0.095	-0.093	-0.155	-0.214	-0.210	-0.297	-0.131	0.026	0.3500
0.4500	-0.017	0.537	-0.298	-0.288	-0.354	0.029	-0.106	-0.035	-0.011	-0.099	-0.151	-0.212	-0.232	-0.153	-0.089	-0.048	0.4500
0.5500	-0.004	0.306	0.439	0.042	-0.069	-0.018	-0.102	-0.048	0.081	0.058	0.115	0.154	0.144	0.101	-0.006	-0.033	0.5500
0.6500	0.151	0.180	0.396	0.370	0.127	-0.068	-0.107	-0.090	-0.039	0.029	0.106	0.136	0.129	0.130	0.039	-0.054	0.6500
0.7500	0.311	0.270	0.424	0.378	0.213	0.035	-0.021	0.009	0.016	0.044	0.139	0.140	0.128	0.119	0.082		0.7500
0.8500	0.335	0.394	0.471	0.382	0.195	0.028	-0.025	0.029	0.013	0.131	0.188	0.168	0.155	0.130	0.038	0.010	0.8500
0.9500	0.196	0.565	0.530	0.177	-0.114	-0.106	-0.003	-0.060	0.150	0.183	0.208	0.173	0.152	0.103	-0.021	-0.033	0.9500
							M= 1.300		α= 16.02								
0.0500	-0.076	0.773	-0.494	-0.511	-0.365	-0.278	-0.138	-0.185	-0.206	-0.284	-0.301	-0.306	-0.324	-0.311	-0.105	0.051	0.0500
0.1500	-0.091	-0.284	-0.173	-0.144	-0.177	-0.099	-0.166	-0.168	-0.170	-0.230	-0.270	-0.304	-0.319	-0.395	-0.076	0.055	0.1500
0.2500	-0.012	-0.081	-0.194	-0.203	-0.207	-0.117	-0.094	-0.120	-0.132	-0.116	-0.241	-0.283				0.057	0.2500
0.3500	0.002	-0.131	-0.237	-0.221	-0.213	-0.097	-0.106	-0.088	-0.065	-0.121	-0.228	-0.278	-0.260	-0.259	-0.115	0.031	0.3500
0.4500	-0.086	0.689	-0.426	-0.439	-0.448	-0.018	-0.133	-0.078	-0.037	-0.159	-0.226	-0.277	-0.298	-0.100	-0.070	-0.018	0.4500
0.5500	-0.076	0.438	0.535	0.021	-0.129	-0.064	-0.175	-0.092	0.098	0.104	0.188	0.246	0.236	0.183	0.023	-0.001	0.5500
0.6500	0.173	0.267	0.506	0.422	0.208	-0.086	-0.115	-0.148	-0.050	0.045	0.206	0.227	0.218	0.241	0.079	-0.005	0.6500
0.7500	0.386	0.376	0.537	0.444	0.307	0.075	0.026	0.029	0.047	0.061	0.233	0.234	0.221	0.257	0.130		0.7500
0.8500	0.684	0.490	0.593	0.449	0.246	-0.036	-0.032	0.073	0.035	0.189	0.278	0.270	0.243	0.248	0.065	0.021	0.8500
0.9500	0.162	0.644	0.652	0.230	-0.284	-0.072	-0.045	-0.104	0.157	0.215	0.309	0.283	0.238	0.197	-0.068	-0.067	0.9500
							M= 2.232		α=-03.70								
0.0500	0.184	0.273	0.111	0.070	0.053	0.005	0.069	0.051	0.081	0.098	0.039	0.016	-0.006	0.023	-0.002	-0.012	0.0500
0.1500	0.189	0.115	0.099	0.076	0.062	0.056	0.032	0.048	0.037	0.031	0.020	0.007	-0.005	0.044	0.017	-0.004	0.1500
0.2500	0.135	0.091	0.069	0.046	0.032	0.020	0.011	0.001	-0.001	-0.017	-0.019	0.003				-0.023	0.2500
0.3500	0.082	0.041	0.023	0.001	-0.020	-0.019	-0.023	-0.037	-0.041	-0.024	0.015	0.016	-0.003	-0.044	-0.061	-0.055	0.3500
0.4500	0.052	0.074	-0.008	-0.037	-0.043	-0.051	-0.026	-0.013	0.027	0.024	0.016	0.014	-0.003	-0.031	-0.056	-0.059	0.4500
0.5500	0.041	0.113	0.056	-0.026	-0.050	-0.023	-0.013	-0.022	0.013	-0.036	-0.049	-0.049	-0.059	-0.053	-0.050	-0.053	0.5500
0.6500	0.041	0.022	0.025	0.037	0.014	-0.006	-0.009	-0.012	-0.011	-0.011	-0.028	-0.048	-0.057	-0.064	-0.070	-0.069	0.6500
0.7500	0.048	0.021	0.017	0.022	0.006	-0.007	-0.016	-0.024	-0.020	-0.027	-0.025	-0.053	-0.063	-0.066	-0.079		0.7500
0.8500	0.081	0.047	0.057	0.007	-0.025	-0.007	-0.007	-0.020	-0.020	-0.033	-0.050	-0.060	-0.071	-0.078	-0.084	-0.073	0.8500
0.9500	0.137	0.113	0.121	0.033	0.003	0.021	0.012	-0.003		-0.033	-0.036	-0.043	-0.048	-0.062	-0.023	-0.025	0.9500
							M= 2.236		α= 00.40								
0.0500	0.168	0.379	0.060	0.044	0.027	-0.008	0.087	0.050	0.073	0.072	-0.009	-0.032	-0.048	-0.019	-0.007	-0.014	0.0500
0.1500	0.136	0.059	0.040	0.023	0.027	0.013	0.002	0.028	0.004	0.004	-0.022	-0.035	-0.043	0.001	-0.021	-0.025	0.1500
0.2500	0.081	0.045	0.025	0.003	-0.008	-0.019	-0.028	-0.029	-0.031	-0.039	-0.022	-0.023				-0.054	0.2500
0.3500	0.060	0.018	-0.005	-0.030	-0.042	-0.041	-0.040	-0.027	-0.011	-0.012	0.003	-0.004	-0.030	-0.073	-0.088	-0.078	0.3500
0.4500	0.053	0.141	-0.044	-0.052	-0.061	-0.036	0.007	-0.007	0.012	0.002	0.007	-0.006	-0.031	-0.060	-0.065	-0.065	0.4500
0.5500	0.050	0.131	0.131	-0.013	-0.065	-0.008	0.001	-0.020	0.003	-0.013	-0.042	-0.039	-0.038	-0.032	-0.045	-0.050	0.5500
0.6500	0.062	0.035	0.048	0.087	0.056	0.016	0.003	-0.007	-0.026	-0.020	-0.028	-0.053	-0.041	-0.045	-0.049	-0.054	0.6500
0.7500	0.094	0.052	0.048	0.071	0.056	0.030	0.010	-0.007	-0.021	-0.028	-0.025	-0.042	-0.055	-0.051	-0.064		0.7500
0.8500	0.139	0.095	0.111	0.071	0.027	0.032	0.019	-0.002	-0.001	-0.003	-0.025	-0.032	-0.049	-0.074	-0.078	-0.076	0.8500
0.9500	0.168	0.163	0.192	0.039	0.003	0.052	0.024	0.005	0.012	-0.028	0.009	-0.010	-0.020	-0.035	-0.023	-0.024	0.9500
							M= 2.232		α= 04.31								
0.0500	0.141	0.475	-0.027	0.009	0.003	0.018	0.075	0.029	0.037	0.043	-0.076	-0.078	-0.089	-0.053	-0.015	-0.017	0.0500
0.1500	0.087	0.004	-0.030	0.001	-0.008	-0.018	0.018	-0.001	-0.031	-0.030	-0.060	-0.060	-0.073	-0.044	-0.060	-0.045	0.1500
0.2500	0.046	0.015	-0.009	-0.029	-0.045	-0.049	-0.049	-0.039	-0.044	-0.039	-0.033	-0.045				-0.072	0.2500
0.3500	0.042	0.002	-0.028	-0.053	-0.057	-0.052	-0.042	-0.011	-0.008	-0.013	-0.015	-0.031	-0.058	-0.097	-0.103	-0.096	0.3500
0.4500	0.042	0.260	-0.041	-0.065	-0.071	-0.030	0.018	-0.004	0.005	-0.024	-0.011	-0.031	-0.056	-0.081	-0.070	-0.069	0.4500
0.5500	0.051	0.141	0.174	0.064	-0.061	-0.007	-0.004	-0.026	0.001	0.009	-0.024	-0.022	-0.004	0.003	-0.032	-0.041	0.5500
0.6500	0.092	0.047	0.089	0.152	0.110	0.042	0.008	-0.014	-0.042	-0.049	-0.016	-0.036	-0.017	-0.008	-0.021	-0.041	0.6500
0.7500	0.157	0.105	0.106	0.133	0.123	0.082	0.045	0.018	-0.008	-0.013	-0.023	-0.012	-0.026	-0.029	-0.036		0.7500
0.8500	0.202	0.151	0.159	0.144	0.091	0.071	0.052	0.021	0.023	0.018	0.004	0.013	-0.001	-0.015	-0.029	-0.041	0.8500
0.9500	0.195	0.208	0.318	0.076	0.034	0.072	0.031	0.021	0.039	-0.010	0.049	0.028	0.010	-0.005	-0.019	-0.022	0.9500

TABLE V.- PRESSURE COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Continued
(c) BVWC $\delta = 9.9°$ - Concluded

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 2.232		α = 08.31								
0.0500	0.093	0.592	-0.111	-0.013	-0.029	0.119	0.009	-0.028	-0.001	-0.079	-0.126	-0.106	-0.116	-0.082	-0.042	-0.038	0.0500
0.1500	0.032	-0.064	-0.039	-0.034	-0.042	-0.053	-0.011	-0.050	-0.061	-0.063	-0.099	-0.103	-0.126	-0.105	-0.078	-0.042	0.1500
0.2500	0.008	-0.018	-0.041	-0.073	-0.076	-0.078	-0.070	-0.059	-0.047	-0.044	-0.059	-0.072				-0.084	0.2500
0.3500	0.013	-0.026	-0.056	-0.081	-0.077	-0.074	-0.033	-0.020	-0.014	-0.029	-0.045	-0.074	-0.094	-0.116	-0.113	-0.111	0.3500
0.4500	0.009	0.374	-0.109	-0.089	-0.099	-0.024	-0.011	-0.030	-0.016	-0.043	-0.060	-0.077	-0.092	-0.101	-0.076	-0.074	0.4500
0.5500	0.034	0.143	0.154	0.097	-0.041	0.024	-0.010	-0.041	-0.007	0.002	0.003	0.015	0.030	0.034	-0.020	-0.038	0.5500
0.6500	0.121	0.073	0.136	0.220	0.164	0.054	0.002	-0.018	-0.038	-0.060	-0.006	0.028	0.035	0.035	0.018	-0.023	0.6500
0.7500	0.214	0.160	0.165	0.193	0.188	0.134	0.076	0.042	0.023	0.000	0.012	0.011	0.014	0.019	0.011		0.7500
0.8500	0.249	0.195	0.230	0.220	0.164	0.078	0.078	0.035	0.022	0.040	0.077	0.053	0.036	0.031	0.018	-0.006	0.8500
0.9500	0.192	0.240	0.424	0.147	-0.004	0.075	0.002	-0.010	0.060	0.102	0.093	0.072	0.050	0.036	-0.021	-0.022	0.9500
							M = 2.226		α = 12.31								
0.0500	0.049	0.699	-0.154	-0.049	-0.061	0.053	-0.068	-0.057	-0.065	-0.130	-0.142	-0.117	-0.124	-0.106	-0.069	-0.070	0.0500
0.1500	-0.017	-0.144	-0.064	-0.057	-0.069	-0.071	-0.053	-0.084	-0.080	-0.101	-0.126	-0.110	-0.123	-0.120	-0.087	-0.065	0.1500
0.2500	-0.017	-0.036	-0.055	-0.091	-0.091	-0.093	-0.069	-0.054	-0.054	-0.058	-0.097	-0.100				-0.074	0.2500
0.3500	-0.014	-0.048	-0.085	-0.097	-0.091	-0.086	-0.031	-0.033	-0.037	-0.047	-0.074	-0.108	-0.122	-0.125	-0.103	-0.104	0.3500
0.4500	-0.029	0.511	-0.159	-0.128	-0.123	-0.005	-0.053	-0.060	-0.034	-0.082	-0.092	-0.103	-0.118	-0.109	-0.072	-0.067	0.4500
0.5500	0.017	0.157	0.120	0.122	-0.051	-0.004	-0.018	-0.069	-0.037	-0.012	0.004	0.051	0.072	0.091	0.007	-0.019	0.5500
0.6500	0.160	0.106	0.201	0.309	0.235	0.089	0.029	-0.007	-0.025	-0.044	0.010	0.086	0.093	0.097	0.072	0.012	0.6500
0.7500	0.287	0.233	0.226	0.280	0.268	0.202	0.128	0.088	0.072	0.047	0.065	0.061	0.075	0.080	0.067		0.7500
0.8500	0.306	0.250	0.306	0.306	0.257	0.135	0.101	0.062	0.046	0.034	0.142	0.114	0.090	0.089	0.085	0.043	0.8500
0.9500	0.197	0.267	0.505	0.240	-0.034	0.047	-0.031	-0.061	0.066	0.127	0.185	0.144	0.122	0.102	-0.014	-0.025	0.9500
							M = 2.233		α = 16.32								
0.0500	0.007	0.827	-0.177	-0.083	-0.105	-0.085	-0.089	-0.105	-0.121	-0.159	-0.168	-0.143	-0.151	-0.123	-0.094	-0.099	0.0500
0.1500	-0.050	-0.176	-0.115	-0.089	-0.092	-0.052	-0.103	-0.114	-0.098	-0.116	-0.145	-0.132	-0.148	-0.144	-0.117	-0.109	0.1500
0.2500	-0.064	-0.046	-0.067	-0.098	-0.098	-0.098	-0.060	-0.056	-0.072	-0.090	-0.123	-0.123				-0.070	0.2500
0.3500	-0.062	-0.096	-0.093	-0.110	-0.096	-0.080	-0.037	-0.050	-0.054	-0.072	-0.104	-0.126	-0.148	-0.136	-0.108	-0.128	0.3500
0.4500	-0.065	0.598	-0.179	-0.162	-0.153	0.006	-0.058	-0.083	-0.105	-0.154	-0.110	-0.120	-0.138	-0.118	-0.068	-0.061	0.4500
0.5500	0.016	0.173	0.254	0.148	-0.063	-0.076	-0.111	-0.128	-0.088	0.003	0.039	0.078	0.122	0.160	0.034	-0.014	0.5500
0.6500	0.221	0.164	0.267	0.421	0.330	0.152	0.086	0.037	0.014	-0.008	0.003	0.139	0.156	0.168	0.132	0.049	0.6500
0.7500	0.390	0.325	0.308	0.388	0.372	0.278	0.206	0.162	0.133	0.117	0.108	0.116	0.136	0.143	0.141		0.7500
0.8500	0.384	0.320	0.394	0.430	0.332	0.207	0.141	0.102	0.083	0.077	0.212	0.183	0.173	0.159	0.135	0.082	0.8500
0.9500	0.208	0.305	0.483	0.334	-0.102	-0.066	-0.071	-0.083	-0.033	0.118	0.238	0.226	0.205	0.180	0.013	-0.033	0.9500

TABLE V.- PRESSURE COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Continued
(d) B

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 0.699		α = -04.10								
0.0500	0.125	0.070	0.030	0.007	0.003	-0.018	-0.031	-0.036	-0.044	-0.050	-0.083	-0.071	-0.075	-0.059	-0.042	0.047	0.0500
0.1500	0.133	0.080	0.045	0.007		-0.012	-0.025	-0.030	-0.040	-0.063	-0.056	-0.071	-0.068		-0.028	0.055	0.1500
0.2500	0.082	0.032	0.002	-0.029	-0.039	-0.048	-0.062	-0.069	-0.069	-0.084	-0.085	-0.092	-0.090	-0.068	-0.043	0.033	0.2500
0.3500	0.017	-0.026	-0.049	-0.080	-0.084	-0.084	-0.096	-0.099	-0.093	-0.107	-0.109	-0.106	-0.102	-0.069	-0.041	0.028	0.3500
0.4500	-0.021	-0.056	-0.083	-0.088	-0.092	-0.094	-0.099	-0.099	-0.090	-0.095	-0.094	-0.084	-0.068	-0.042	-0.014	0.036	0.4500
0.5500	-0.023	-0.025	-0.073	-0.074	-0.075	-0.081	-0.082	-0.083	-0.077	-0.082	-0.074	-0.069	-0.061	-0.035	-0.016	0.034	0.5500
0.6500	-0.022	-0.046	-0.057	-0.070	-0.071	-0.077	-0.079	-0.078	-0.077	-0.079	-0.073	-0.069	-0.061	-0.035	-0.013	0.036	0.6500
0.7500	-0.023	-0.050	-0.067	-0.081	-0.088	-0.088	-0.092	-0.091	-0.093	-0.096	-0.089	-0.082	-0.068	-0.039	-0.015		0.7500
0.8500	-0.001	-0.038	-0.057	-0.081	-0.087	-0.092	-0.101	-0.102	-0.103	-0.108	-0.110	-0.106	-0.114	-0.068	-0.036	0.032	0.8500
0.9500	0.059	0.011	-0.011	-0.042	-0.052	-0.061	-0.069	-0.075	-0.089	-0.091	-0.094	-0.103	-0.095	-0.080	-0.054	0.027	0.9500
							M = 0.697		α = 00.10								
0.0500	0.102	0.060	0.013	-0.013	-0.018	-0.031	-0.045	-0.046	-0.058	-0.064	-0.096	-0.080	-0.082	-0.063	-0.045	0.044	0.0500
0.1500	0.063	0.028	-0.009	-0.044	-0.045	-0.047	-0.069	-0.064	-0.080	-0.098	-0.090	-0.100	-0.093		-0.042	0.035	0.1500
0.2500	0.015	-0.011	-0.045	-0.068	-0.076	-0.082	-0.091	-0.091	-0.095	-0.107	-0.104	-0.102	-0.095	-0.065	-0.033	0.034	0.2500
0.3500	-0.009	-0.036	-0.061	-0.085	-0.082	-0.082	-0.090	-0.091	-0.087	-0.095	-0.094	-0.088	-0.077	-0.045	-0.019	0.035	0.3500
0.4500	-0.009	-0.049	-0.066	-0.075	-0.083	-0.078	-0.087	-0.083	-0.078	-0.084	-0.082	-0.072	-0.064	-0.040	-0.014	0.035	0.4500
0.5500	-0.013	-0.025	-0.064	-0.073	-0.075	-0.078	-0.083	-0.080	-0.082	-0.088	-0.080	-0.076	-0.067	-0.041	-0.018	0.033	0.5500
0.6500	-0.009	-0.040	-0.059	-0.078	-0.078	-0.083	-0.089	-0.089	-0.092	-0.098	-0.093	-0.091	-0.081	-0.049	-0.021	0.033	0.6500
0.7500	0.014	-0.031	-0.048	-0.064	-0.078	-0.079	-0.087	-0.089	-0.096	-0.103	-0.103	-0.105	-0.096	-0.068	-0.043		0.7500
0.8500	0.040	0.018	-0.008	-0.037	-0.054	-0.064	-0.075	-0.065	-0.078	-0.084	-0.093	-0.095	-0.116	-0.073	-0.049	0.028	0.8500
0.9500	0.084	0.043	0.009	-0.012	-0.028	-0.068	-0.055	-0.048	-0.065	-0.069	-0.074	-0.085	-0.080	-0.065	-0.042	0.040	0.9500
							M = 0.697		α = 03.86								
0.0500	0.057	0.004	-0.030	-0.048	-0.059	-0.063	-0.077	-0.077	-0.088	-0.095	-0.125	-0.109	-0.104	-0.086	-0.063	0.022	0.0500
0.1500	0.007	-0.027	-0.066	-0.092	-0.095	-0.102	-0.106	-0.106	-0.117	-0.126	-0.115	-0.123	-0.104		-0.045	0.027	0.1500
0.2500	-0.026	-0.050	-0.081	-0.093	-0.098	-0.099	-0.104	-0.104	-0.102	-0.108	-0.098	-0.092	-0.078	-0.051	-0.022	0.027	0.2500
0.3500	-0.033	-0.058	-0.072	-0.090	-0.081	-0.083	-0.092	-0.086	-0.082	-0.087	-0.082	-0.076	-0.068	-0.043	-0.022	0.027	0.3500
0.4500	-0.035	-0.060	-0.078	-0.086	-0.086	-0.088	-0.092	-0.088	-0.086	-0.087	-0.085	-0.076	-0.068	-0.049	-0.025	0.025	0.4500
0.5500	-0.031	-0.045	-0.091	-0.100	-0.100	-0.102	-0.106	-0.103	-0.106	-0.112	-0.103	-0.096	-0.084	-0.052	-0.026	0.025	0.5500
0.6500	-0.011	-0.041	-0.071	-0.086	-0.094	-0.098	-0.104	-0.106	-0.110	-0.119	-0.118	-0.119	-0.115	-0.084	-0.053	0.019	0.6500
0.7500	0.054	0.010	-0.028	-0.050	-0.062	-0.068	-0.073	-0.071	-0.083	-0.092	-0.099	-0.102	-0.101	-0.084	-0.062		0.7500
0.8500	0.114	0.054	0.012	-0.015	-0.007	-0.031	-0.044	-0.039	-0.055	-0.059	-0.075	-0.078	-0.107	-0.069	-0.048	0.033	0.8500
0.9500	0.116	0.058	0.030	-0.009	-0.015	-0.028	-0.038	-0.042	-0.066	-0.067	-0.074	-0.088	-0.084	-0.072	-0.048	0.040	0.9500
							M = 0.698		α = 07.91								
0.0500	0.002	-0.044	-0.083	-0.084	-0.109	-0.116	-0.130	-0.126	-0.133	-0.143	-0.169	-0.146	-0.138	-0.108	-0.079	0.004	0.0500
0.1500	-0.069	-0.096	-0.132	-0.126	-0.134	-0.139	-0.141	-0.134	-0.139	-0.143	-0.128	-0.118	-0.085		-0.019	0.035	0.1500
0.2500	-0.063	-0.087	-0.088	-0.114	-0.095	-0.097	-0.100	-0.097	-0.091	-0.096	-0.092	-0.083	-0.072	-0.047	-0.022	0.029	0.2500
0.3500	-0.056	-0.062	-0.071	-0.092	-0.088	-0.075	-0.077	-0.077	-0.069	-0.077	-0.071	-0.062	-0.060	-0.032	-0.020	0.028	0.3500
0.4500	-0.062	-0.089	-0.104	-0.110	-0.107	-0.105	-0.105	-0.101	-0.097	-0.099	-0.093	-0.083	-0.070	-0.047	-0.022	0.028	0.4500
0.5500	-0.063	-0.081	-0.136	-0.135	-0.136	-0.142	-0.144	-0.144	-0.144	-0.153	-0.138	-0.129	-0.110	-0.068	-0.036	0.030	0.5500
0.6500	0.001	-0.035	-0.059	-0.090	-0.095	-0.101	-0.108	-0.113	-0.117	-0.130	-0.132	-0.139	-0.137	-0.110	-0.081	-0.004	0.6500
0.7500	0.121	0.048	0.034	-0.001	-0.012	-0.034	-0.037	-0.037	-0.041	-0.057	-0.068	-0.081	-0.083	-0.069	-0.053		0.7500
0.8500	0.172	0.111	0.077	0.035	0.020	0.011	-0.003	0.004	-0.013	-0.023	-0.045	-0.054	-0.089	-0.048	-0.034	0.051	0.8500
0.9500	0.119	0.057	0.028	-0.018	-0.025	-0.042	-0.046	-0.049	-0.080	-0.079	-0.087	-0.101	-0.099	-0.085	-0.062	0.025	0.9500
							M = 0.702		α = 11.96								
0.0500	-0.094	-0.138	-0.150	-0.104	-0.177	-0.193	-0.194	-0.188	-0.198	-0.206	-0.225	-0.194	-0.177	-0.128	-0.091	-0.006	0.0500
0.1500	-0.125	-0.153	-0.182	-0.187	-0.183	-0.182	-0.181	-0.153	-0.145	-0.139	-0.112	-0.096	-0.083		-0.021	0.030	0.1500
0.2500	-0.125	-0.086	-0.110	-0.169	-0.117	-0.118	-0.120	-0.113	-0.117	-0.128	-0.132	-0.117	-0.101	-0.063	-0.035	0.023	0.2500
0.3500	-0.086	-0.079	-0.093	-0.100	-0.099	-0.097	-0.106	-0.114	-0.102	-0.117	-0.117	-0.112	-0.112	-0.062	-0.043	0.014	0.3500
0.4500	-0.114	-0.133	-0.144	-0.149	-0.149	-0.143	-0.142	-0.133	-0.117	-0.112	-0.103	-0.089	-0.079	-0.049	-0.026	0.028	0.4500
0.5500	-0.123	-0.141	-0.178	-0.192	-0.187	-0.208	-0.214	-0.206	-0.201	-0.210	-0.193	-0.180	-0.156	-0.105	-0.064	0.016	0.5500
0.6500	0.026	-0.026	-0.156	-0.110	-0.125	-0.109	-0.122	-0.133	-0.130	-0.140	-0.142	-0.154	-0.156	-0.133	-0.105	-0.026	0.6500
0.7500	0.209	0.105	-0.010		-0.045	0.030	0.007	0.002	0.003	-0.014	-0.022	-0.042	-0.050	-0.045	-0.030		0.7500
0.8500	0.246	0.162	0.118	0.077	0.076	0.049	0.033	0.033	0.021	0.003	-0.016	-0.027	-0.071	-0.034	-0.017	0.066	0.8500
0.9500	0.101	0.061	-0.022	-0.041	-0.070	-0.061	-0.083	-0.089	-0.114	-0.117	-0.122	-0.137	-0.135	-0.120	-0.095	-0.007	0.9500

TABLE V.- PRESSURE COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Continued
(d) B - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
M = 0.696 α = 16.02																	
0.0500	-0.227	-0.258	-0.298	-0.303	-0.272	-0.262	-0.285	-0.295	-0.304	-0.307	-0.311	-0.263	-0.225	-0.150	-0.103	-0.017	0.0500
0.1500	-0.226	-0.256	-0.256	-0.229	-0.236	-0.232	-0.249	-0.217	-0.158	-0.158	-0.143	-0.131	-0.115		-0.051	0.001	0.1500
0.2500	-0.140	-0.133	-0.165	-0.146	-0.160	-0.164	-0.184	-0.211	-0.213	-0.223	-0.203	-0.174	-0.154	-0.111	-0.080	-0.019	0.2500
0.3500	-0.105	-0.124	-0.127	-0.149	-0.147	-0.162	-0.187	-0.203	-0.202	-0.216	-0.203	-0.174	-0.166	-0.110	-0.088	-0.026	0.3500
0.4500	-0.209	-0.249	-0.245	-0.241	-0.231	-0.192	-0.187	-0.178	-0.160	-0.157	-0.146	-0.134	-0.117	-0.085	-0.059	-0.004	0.4500
0.5500	-0.225	-0.244	-0.298	-0.300	-0.315	-0.286	-0.318	-0.311	-0.306	-0.312	-0.287	-0.275	-0.242	-0.185	-0.137	-0.051	0.5500
0.6500	0.003	-0.068	-0.097	-0.105	-0.187	-0.175	-0.146	-0.155	-0.156	-0.172	-0.179	-0.197	-0.199	-0.179	-0.153	-0.075	0.6500
0.7500	0.294	0.188	0.097	-0.003	-0.076	-0.034	0.051	0.018	0.043	0.024	0.005	-0.017	-0.031	-0.031	-0.019		0.7500
0.8500	0.291	0.207	0.168	0.120	0.101	0.084	0.055	0.050	0.028	0.012	-0.009	-0.029	-0.080	-0.042	-0.030	0.053	0.8500
0.9500	0.010	-0.057	-0.077	-0.097	-0.098	-0.145	-0.162	-0.157	-0.201	-0.195	-0.205	-0.215	-0.213	-0.193	-0.161	-0.075	0.9500
M = 1.301 α = -04.00																	
0.0500	0.192	0.123	0.105	0.073	0.055	0.051	0.030	0.028	0.013	-0.024	-0.047	-0.045	-0.066	-0.064	-0.079	-0.084	0.0500
0.1500	0.201	0.138	0.104	0.078	0.060	0.054	0.028	0.029	0.016	-0.009	-0.037	-0.033	-0.064		-0.069	-0.073	0.1500
0.2500	0.159	0.096	0.061	0.048	0.016	0.016	-0.009	-0.006	-0.019	-0.032	-0.038	-0.030	-0.077	-0.081	-0.072	-0.072	0.2500
0.3500	0.090	0.042	0.014	-0.008	-0.025	-0.025	-0.044	-0.037	-0.043	-0.053	-0.060	-0.063	-0.086	-0.078	-0.072	-0.031	0.3500
0.4500	0.055	0.014	-0.010	-0.018	-0.040	-0.034	-0.035	-0.033	-0.039	-0.058	-0.066	-0.079	-0.076	-0.056	-0.060	0.004	0.4500
0.5500	0.051	0.042	0.001		-0.016	-0.019	-0.021	-0.026	-0.026	-0.045	-0.045	-0.054	-0.055	-0.047	-0.044	-0.004	0.5500
0.6500	0.051	0.005	0.014	-0.006	-0.013	-0.006	-0.014	-0.031	-0.032	-0.034	-0.034	-0.043	-0.047	-0.050	-0.047	-0.017	0.6500
0.7500	0.054	-0.002	0.012	-0.021	-0.028	-0.017	-0.025	-0.045	-0.047	-0.044	-0.039	-0.049	-0.047	-0.045	-0.051		0.7500
0.8500	0.078	0.010	0.027	-0.009	-0.015	-0.025	-0.032	-0.056	-0.052	-0.049	-0.065	-0.070	-0.063	-0.075	-0.074	-0.014	0.8500
0.9500	0.136	0.062	0.069	0.045	0.014	-0.002	-0.008	-0.011	-0.046	-0.051	-0.062	-0.079	-0.086	-0.081	-0.091	-0.068	0.9500
M = 1.301 α = 00.10																	
0.0500	0.183	0.118	0.082	0.070	0.050	0.039	0.013	0.018	0.015	-0.010	-0.040	-0.036	-0.067	-0.058	-0.068	-0.075	0.0500
0.1500	0.144	0.089	0.058	0.041	0.024	0.011	-0.006	-0.007	-0.012	-0.033	-0.043	-0.048	-0.069		-0.074	-0.073	0.1500
0.2500	0.102	0.048	0.028	0.013	-0.004	-0.011	-0.030	-0.032	-0.041	-0.048	-0.058	-0.063	-0.073	-0.069	-0.071	-0.029	0.2500
0.3500	0.070	0.027	0.012	-0.009	-0.018	-0.015	-0.036	-0.028	-0.035	-0.049	-0.053	-0.052	-0.063	-0.055	-0.058	0.015	0.3500
0.4500	0.064	0.023	0.009	-0.001	-0.013	-0.014	-0.029	-0.018	-0.023	-0.042	-0.047	-0.046	-0.054	-0.044	-0.038	0.019	0.4500
0.5500	0.073	0.058	0.006	0.001	-0.013	-0.010	-0.008	-0.012	-0.021	-0.042	-0.034	-0.039	-0.044	-0.043	-0.036	0.017	0.5500
0.6500	0.084	0.027	0.005	0.005	-0.025	-0.026	-0.018	-0.028	-0.030	-0.041	-0.047	-0.058	-0.048	-0.054	-0.046	0.016	0.6500
0.7500	0.113	0.043	0.016	0.014	-0.018	-0.019	-0.019	-0.026	-0.036	-0.039	-0.052	-0.066	-0.066	-0.073	-0.071		0.7500
0.8500	0.159	0.078	0.049	0.035	0.015	0.013	0.005	0.000	-0.018	-0.037	-0.051	-0.063	-0.075	-0.075	-0.080	-0.067	0.8500
0.9500	0.186	0.110	0.077	0.065	0.044	0.047	0.026	0.022	-0.011	-0.029	-0.035	-0.055	-0.067	-0.063	-0.080	-0.077	0.9500
M = 1.302 α = 04.11																	
0.0500	0.162	0.085	0.060	0.038	0.023	0.004	-0.016	-0.012	-0.008	-0.036	-0.061	-0.065	-0.084	-0.067	-0.082	-0.087	0.0500
0.1500	0.102	0.033	0.015	-0.014	-0.020	-0.028	-0.029	-0.043	-0.043	-0.068	-0.067	-0.066	-0.087		-0.070	-0.017	0.1500
0.2500	0.073	0.013	0.001	-0.016	-0.029	-0.033	-0.032	-0.033	-0.044	-0.051	-0.055	-0.051	-0.066	-0.057	-0.055	-0.010	0.2500
0.3500	0.068	0.017	0.009	-0.014	-0.019	-0.013	-0.018	-0.015	-0.029	-0.036	-0.038	-0.040	-0.054	-0.042	-0.041	-0.004	0.3500
0.4500	0.066	0.017	0.005	-0.006	-0.017	-0.018	-0.032	-0.023	-0.023	-0.033	-0.036	-0.035	-0.045	-0.040	-0.043		0.4500
0.5500	0.065	0.046	0.004	-0.005	-0.023	-0.028	-0.041	-0.035	-0.030	-0.062	-0.044	-0.051	-0.052	-0.047	-0.046	0.016	0.5500
0.6500	0.092	0.037	0.024	-0.002	-0.016	-0.015	-0.026	-0.035	-0.040	-0.064	-0.061	-0.061	-0.077	-0.080	-0.077	-0.035	0.6500
0.7500	0.154	0.092	0.070	0.042	0.026	0.019	0.009	0.005	-0.034	-0.050	-0.050	-0.075	-0.069	-0.080	-0.094		0.7500
0.8500	0.207	0.139	0.111	0.084	0.065	0.060	0.036	0.068	-0.005	-0.016	-0.021	-0.057	-0.064	-0.066	-0.084	-0.074	0.8500
0.9500	0.207	0.134	0.104	0.089	0.061	0.049	0.021	0.021	0.005	-0.004	-0.014	-0.037	-0.059	-0.062	-0.079	-0.073	0.9500
M = 1.304 α = 08.06																	
0.0500	0.104	0.036	0.018	-0.005	-0.039	-0.050	-0.053	-0.065	-0.061	-0.090	-0.111	-0.099	-0.119	-0.099	-0.108	-0.081	0.0500
0.1500	0.027	-0.017	-0.033	-0.053	-0.061	-0.073	-0.076	-0.081	-0.075	-0.088	-0.089	-0.080	-0.074		-0.082	0.008	0.1500
0.2500	0.027	-0.005	-0.014	-0.024	-0.028	-0.027	-0.031	-0.043	-0.058	-0.057	-0.055	-0.063	-0.069	-0.051	-0.055	-0.008	0.2500
0.3500	0.036	0.006	0.008	-0.017	-0.015	-0.012	-0.018	-0.023	-0.024	-0.025	-0.032	-0.041	-0.055	-0.036	-0.052	-0.028	0.3500
0.4500	0.028	-0.004	-0.021	-0.026	-0.038	-0.047	-0.047	-0.038	-0.034	-0.048	-0.049	-0.045	-0.059	-0.054	-0.047	-0.007	0.4500
0.5500	0.042	0.030	-0.034	-0.037	-0.061	-0.070	-0.085	-0.079	-0.074	-0.099	-0.092	-0.087	-0.078	-0.070	-0.051	0.001	0.5500
0.6500	0.129	0.070	0.031	0.009	-0.010	-0.023	-0.040	-0.042	-0.061	-0.087	-0.089	-0.106	-0.110	-0.116	-0.100	-0.124	0.6500
0.7500	0.240	0.171	0.125	0.105	0.078	0.070	0.038	0.046	0.008	-0.007	-0.029	-0.066	-0.080	-0.083	-0.080		0.7500
0.8500	0.282	0.211	0.161	0.138	0.117	0.101	0.066	0.071	0.028	0.024	-0.001	-0.028	-0.051	-0.055	-0.054	-0.065	0.8500
0.9500	0.211	0.146	0.101	0.080	0.055	0.038	0.009	0.012	0.001	-0.029	-0.033	-0.050	-0.074	-0.089	-0.090	-0.089	0.9500

TABLE V.- PRESSURE COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Continued
(d) B - Continued

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
								M = 1.305		α= 12.06							
0.0500	0.038	-0.031	-0.064	-0.081	-0.115	-0.110	-0.137	-0.144	-0.151	-0.177	-0.190	-0.165	-0.165	-0.136	-0.122	-0.079	0.0500
0.1500	-0.021	-0.064	-0.088	-0.094	-0.110	-0.105	-0.103	-0.089	-0.089	-0.107	-0.079	-0.075	-0.083		-0.069	-0.027	0.1500
0.2500	-0.003	-0.025	-0.016	-0.037	-0.037	-0.036	-0.055	-0.058	-0.064	-0.090	-0.099	-0.109	-0.110	-0.081	-0.084	-0.060	0.2500
0.3500	0.020	-0.005	-0.003	-0.030	-0.037	-0.034	-0.047	-0.050	-0.054	-0.078	-0.088	-0.107	-0.105	-0.088	-0.086	-0.080	0.3500
0.4500	-0.011	-0.048	-0.073	-0.063	-0.082	-0.079	-0.073	-0.067	-0.075	-0.078	-0.077	-0.078	-0.085	-0.075	-0.069	-0.035	0.4500
0.5500	0.003	-0.012	-0.085	-0.109	-0.111	-0.134	-0.137	-0.137	-0.157	-0.167	-0.157	-0.156	-0.134	-0.115	-0.102	-0.059	0.5500
0.6500	0.160	0.088	0.047	0.010	-0.011	-0.018	-0.040	-0.043	-0.067	-0.080	-0.104	-0.121	-0.144	-0.160	-0.161	-0.183	0.6500
0.7500	0.317	0.238	0.193	0.157	0.131	0.118	0.098	0.088	0.063	0.049	0.027	-0.002	-0.038	-0.065	-0.073		0.7500
0.8500	0.342	0.265	0.210	0.178	0.154	0.137	0.115	0.111	0.084	0.066	0.034	0.001	-0.030	-0.056	-0.055	-0.077	0.8500
0.9500	0.199	0.134	0.079	0.053	0.031	0.011	-0.008	-0.015	-0.038	-0.067	-0.082	-0.106	-0.124	-0.141	-0.136	-0.143	0.9500
								M = 1.304		α= 16.07							
0.0500	-0.060	-0.136	-0.157	-0.220	-0.206	-0.238	-0.249	-0.254	-0.265	-0.262	-0.242	-0.211	-0.175	-0.126	-0.123	-0.063	0.0500
0.1500	-0.075	-0.128	-0.120	-0.128	-0.118	-0.118	-0.109	-0.096	-0.114	-0.118	-0.109	-0.104	-0.113		-0.084	-0.045	0.1500
0.2500	0.010	-0.025	-0.036	-0.075	-0.076	-0.092	-0.114	-0.118	-0.146	-0.177	-0.176	-0.164	-0.159	-0.109	-0.099	-0.093	0.2500
0.3500	0.008	-0.026	-0.031	-0.085	-0.080	-0.080	-0.089	-0.102	-0.112	-0.154	-0.179	-0.171	-0.159	-0.113	-0.124	-0.100	0.3500
0.4500	-0.080	-0.127	-0.110	-0.135	-0.142	-0.124	-0.115	-0.118	-0.110	-0.112	-0.112	-0.108	-0.105	-0.099	-0.106	-0.053	0.4500
0.5500	-0.062	-0.092	-0.157	-0.196	-0.229	-0.229	-0.247	-0.253	-0.272	-0.272	-0.245	-0.253	-0.205	-0.186	-0.175	-0.116	0.5500
0.6500	0.178	0.096	0.069	0.013	-0.013	-0.036	-0.037	-0.068	-0.084	-0.106	-0.128	-0.152	-0.168	-0.196	-0.218	-0.228	0.6500
0.7500	0.393	0.300	0.276	0.218	0.185	0.164	0.156	0.128	0.111	0.086	0.057	0.021	0.009	-0.029	-0.058		0.7500
0.8500	0.392	0.297	0.272	0.206	0.179	0.161	0.145	0.120	0.100	0.080	0.047	0.011	-0.006	-0.041	-0.063	-0.070	0.8500
0.9500	0.172	0.090	0.056	-0.005	-0.029	-0.044	-0.061	-0.085	-0.105	-0.118	-0.145	-0.167	-0.173	-0.203	-0.210	-0.208	0.9500
								M = 2.233		α=-03.65							
0.0500	0.186	0.136	0.109	0.083	0.069	0.056	0.046	0.031	0.037	0.021	-0.003	0.003	-0.022	-0.012	-0.036	-0.040	0.0500
0.1500	0.194	0.134	0.116	0.084	0.069	0.061	0.049	0.044	0.032	0.021	0.004	0.006	-0.027		-0.035	-0.039	0.1500
0.2500	0.145	0.096	0.078	0.057	0.039	0.030	0.032	0.017	0.003	-0.008	-0.025	-0.018	-0.047	-0.027	-0.046	-0.049	0.2500
0.3500	0.090	0.056	0.033	0.012	0.002	0.007	-0.005	-0.011	-0.019	-0.032	-0.041	-0.035	-0.055	-0.027	-0.039	-0.036	0.3500
0.4500	0.053	0.035	0.019	-0.004	-0.003	-0.008	-0.013	-0.019	-0.025	-0.029	-0.028	-0.014	-0.031	-0.015	-0.030	-0.024	0.4500
0.5500	0.045	0.096	0.016	0.005	0.003	0.001	-0.008	-0.013	-0.005	-0.007	-0.008	-0.009	-0.018	-0.018	-0.030	-0.032	0.5500
0.6500	0.045	0.019	0.014	0.004	0.003	0.000	-0.006	-0.008	0.005	-0.004	-0.005	-0.006	-0.013	-0.019	-0.027	-0.032	0.6500
0.7500	0.049	0.022	0.013	0.002	-0.012	-0.009	-0.013	-0.014	-0.009	-0.014	-0.007	-0.020	-0.022	-0.018	-0.027		0.7500
0.8500	0.082	0.034	0.029	0.013	-0.001	-0.009	-0.016	-0.017	-0.009	-0.014	-0.026	-0.031	-0.041	-0.037	-0.042	-0.039	0.8500
0.9500	0.137	0.083	0.071	0.039	0.032	0.015	-0.002	0.004	0.010	0.004	-0.006	-0.022	-0.060	-0.042	-0.052	-0.057	0.9500
								M = 2.232		α= 00.35							
0.0500	0.147	0.128	0.115	0.073	0.063	0.042	0.036	0.029	0.023	0.007	-0.017	-0.015	-0.031	-0.029	-0.046	-0.048	0.0500
0.1500	0.143	0.091	0.068	0.041	0.043	0.020	0.016	0.009	-0.004	-0.010	-0.027	-0.024	-0.050		-0.053	-0.053	0.1500
0.2500	0.090	0.056	0.032	0.019	0.012	-0.001	-0.008	-0.011	-0.020	-0.032	-0.041	-0.036	-0.050	-0.037	-0.045	-0.048	0.2500
0.3500	0.063	0.033	0.012	0.002	-0.003	-0.007	-0.009	-0.014	-0.017	-0.029	-0.029	-0.033	-0.037	-0.029	-0.036	-0.034	0.3500
0.4500	0.050	0.017	0.014	-0.003	-0.009	-0.005	-0.007	-0.016	-0.019	-0.020	-0.022	-0.017	-0.026	-0.025	-0.033	-0.033	0.4500
0.5500	0.045	0.079	0.014	0.000	-0.002	-0.004	-0.009	-0.016	-0.013	-0.017	-0.016	-0.018	-0.026	-0.027	-0.036	-0.036	0.5500
0.6500	0.054	0.040	0.012	0.001	-0.003	-0.005	-0.012	-0.018	-0.016	-0.020	-0.025	-0.025	-0.029	-0.032	-0.038	-0.037	0.6500
0.7500	0.078	0.037	0.015	0.017	-0.004	-0.007	-0.012	-0.013	-0.017	-0.023	-0.022	-0.038	-0.044	-0.038	-0.047		0.7500
0.8500	0.127	0.050	0.051	0.043	0.020	0.012	-0.009	0.008	-0.001	-0.003	-0.017	-0.030	-0.044	-0.045	-0.051	-0.056	0.8500
0.9500	0.159	0.084	0.077	0.073	0.049	0.039	0.013	0.029	0.019	0.011	-0.003	-0.018	-0.026	-0.038	-0.046	-0.051	0.9500
								M = 2.229		α= 04.36							
0.0500	0.143	0.099	0.079	0.044	0.039	0.024	0.017	0.013	-0.005	-0.017	-0.041	-0.038	-0.056	-0.049	-0.064	-0.062	0.0500
0.1500	0.093	0.053	0.034	0.009	0.001	-0.003	-0.005	-0.017	-0.035	-0.044	-0.056	-0.048	-0.064		-0.050	-0.045	0.1500
0.2500	0.060	0.021	0.009	-0.001	-0.010	-0.016	-0.014	-0.018	-0.029	-0.036	-0.040	-0.035	-0.042	-0.034	-0.041	-0.038	0.2500
0.3500	0.043	0.018	0.009	0.001	-0.007	-0.002	-0.010	-0.011	-0.014	-0.024	-0.025	-0.029	-0.034	-0.030	-0.038	-0.037	0.3500
0.4500	0.043	0.016	0.008	0.001	-0.005	-0.005	-0.006	-0.011	-0.023	-0.025	-0.027	-0.023	-0.031	-0.034	-0.043	-0.043	0.4500
0.5500	0.051	0.091	0.007	-0.005	-0.006	-0.011	-0.016	-0.023	-0.027	-0.032	-0.032	-0.033	-0.036	-0.034	-0.043	-0.041	0.5500
0.6500	0.083	0.045	0.030	0.006	-0.004	-0.005	-0.013	-0.018	-0.026	-0.034	-0.042	-0.049	-0.051	-0.055	-0.060	-0.060	0.6500
0.7500	0.133	0.094	0.082	0.048	0.028	0.018	0.017	0.008	-0.003	-0.009	-0.016	-0.034	-0.045	-0.046	-0.062		0.7500
0.8500	0.191	0.136	0.116	0.088	0.062	0.048	0.049	0.040	0.028	0.022	0.009	-0.012	-0.027	-0.032	-0.044	-0.055	0.8500
0.9500	0.189	0.138	0.119	0.085	0.070	0.056	0.050	0.043	0.030	0.018	-0.001	-0.016	-0.026	-0.037	-0.049	-0.055	0.9500

TABLE V.- PRESSURE COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Concluded
(d) B - Concluded

Fraction of body length, x/l																	
$\frac{\theta}{2\pi}$	0.050	0.100	0.135	0.209	0.250	0.300	0.350	0.400	0.450	0.500	0.595	0.705	0.800	0.900	0.950	0.990	$\frac{\theta}{2\pi}$
	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	C_p	
							M = 2.232		α = 08.31								
0.0500	0.047	0.074	0.045	0.031	-0.002	-0.010	-0.028	-0.028	-0.047	-0.060	-0.082	-0.080	-0.102	-0.080	-0.090	-0.084	0.0500
0.1500	0.042	-0.002	-0.011	-0.045	-0.041	-0.043	-0.055	-0.055	-0.067	-0.073	-0.068	-0.053	-0.060		-0.050	-0.047	0.1500
0.2500	0.022	-0.008	-0.017	-0.035	-0.026	-0.029	-0.029	-0.028	-0.039	-0.044	-0.052	-0.047	-0.065	-0.050	-0.056	-0.053	0.2500
0.3500	0.017	-0.003	-0.016	-0.018	-0.014	-0.015	-0.012	-0.019	-0.019	-0.030	-0.029	-0.032	-0.041	-0.043	-0.050	-0.053	0.3500
0.4500	0.019	-0.009	-0.006	-0.011	-0.032	-0.029	-0.032	-0.031	-0.040	-0.045	-0.046	-0.038	-0.051	-0.049	-0.057	-0.055	0.4500
0.5500	0.022	0.080	-0.017	-0.035	-0.041	-0.047	-0.052	-0.057	-0.063	-0.067	-0.071	-0.064	-0.062	-0.052	-0.059	-0.055	0.5500
0.6500	0.077	0.073	0.040	0.018	-0.021	-0.017	-0.025	-0.025	-0.030	-0.043	-0.056	-0.064	-0.080	-0.089	-0.103	-0.101	0.6500
0.7500	0.142	0.127	0.110	0.095	0.010	0.045	0.052	0.030	0.035	0.022	0.013	-0.011	-0.029	-0.040	-0.060		0.7500
0.8500	0.227	0.177	0.175	0.123	0.093	0.084	0.077	0.065	0.065	0.049	0.037	0.012	-0.009	-0.019	-0.034	-0.046	0.8500
0.9500	0.195	0.145	0.121	0.090	0.074	0.053	0.047	0.040	0.026	0.011	-0.006	-0.026	-0.039	-0.055	-0.069	-0.078	0.9500
							M = 2.229		α = 12.41								
0.0500	0.027	0.016	-0.015	0.036	-0.007	-0.044	-0.014	-0.080	-0.097	-0.107	-0.131	-0.115	-0.114	-0.091	-0.099	-0.091	0.0500
0.1500	0.001	-0.043	-0.064	-0.066	-0.088	-0.106	-0.088	-0.082	-0.090	-0.090	-0.093	-0.074	-0.085		-0.068	-0.064	0.1500
0.2500	-0.008	-0.050	-0.043	-0.056	-0.061	-0.040	-0.045	-0.055	-0.064	-0.075	-0.102	-0.094	-0.120	-0.078	-0.077	-0.068	0.2500
0.3500	-0.009	-0.032	-0.016	-0.032	-0.035	-0.031	-0.041	-0.043	-0.048	-0.063	-0.071	-0.072	-0.098	-0.082	-0.080	-0.076	0.3500
0.4500	-0.020	-0.034	-0.061	-0.067	-0.070	-0.065	-0.068	-0.063	-0.077	-0.084	-0.088	-0.069	-0.086	-0.072	-0.077	-0.075	0.4500
0.5500	0.012	0.063	-0.044	-0.065	-0.074	-0.083	-0.098	-0.100	-0.106	-0.112	-0.118	-0.100	-0.094	-0.085	-0.095	-0.094	0.5500
0.6500	0.105	0.104	0.025	0.006	0.001	-0.012	0.002	-0.027	-0.013	-0.025	-0.043	-0.061	-0.080	-0.096	-0.114	-0.121	0.6500
0.7500	0.232	0.211	0.156	0.062	0.101	0.099	0.107	0.076	0.093	0.073	0.064	0.034	0.008	-0.006	-0.028		0.7500
0.8500	0.294	0.254	0.210	0.168	0.151	0.137	0.126	0.107	0.109	0.089	0.070	0.047	0.017	0.002	-0.013	-0.027	0.8500
0.9500	0.240	0.147	0.147	0.102	0.084	0.126	0.065	0.031	0.023	0.004	-0.017	-0.038	-0.051	-0.073	-0.088	-0.100	0.9500
							M = 2.233		α = 16.42								
0.0500	0.002	-0.019	0.040	-0.057	-0.030	-0.094	-0.092	-0.105	-0.122	-0.129	-0.148	-0.127	-0.130	-0.108	-0.112	-0.109	0.0500
0.1500	-0.025	-0.082	-0.060	-0.115	-0.108	-0.102	-0.106	-0.106	-0.102	-0.106	-0.103	-0.089	-0.097		-0.084	-0.083	0.1500
0.2500	-0.043	-0.063	-0.082	-0.075	-0.080	-0.096	-0.102	-0.102	-0.111	-0.116	-0.126	-0.103	-0.112	-0.087	-0.092	-0.084	0.2500
0.3500	-0.054	-0.071	-0.065	-0.074	-0.069	-0.079	-0.085	-0.098	-0.108	-0.119	-0.120	-0.107	-0.114	-0.093	-0.097	-0.097	0.3500
0.4500	-0.059	-0.074	-0.078	-0.111	-0.112	-0.104	-0.099	-0.097	-0.105	-0.106	-0.102	-0.085	-0.099	-0.091	-0.101	-0.097	0.4500
0.5500	-0.003	0.055	-0.048	-0.076	-0.088	-0.098	-0.108	-0.108	-0.117	-0.124	-0.133	-0.128	-0.131	-0.116	-0.125	-0.117	0.5500
0.6500	0.176	0.138	0.034	0.045	0.080	0.065	0.035	0.023	0.024	0.008	-0.011	-0.035	-0.060	-0.076	-0.089	-0.103	0.6500
0.7500	0.218	0.259	0.182	0.183	0.168	0.157	0.166	0.159	0.155	0.144	0.119	0.090	0.061	0.042	0.019		0.7500
0.8500	0.385	0.309	0.491	0.239	0.225	0.196	0.191	0.171	0.151	0.138	0.110	0.084	0.056	0.033	0.020	0.001	0.8500
0.9500	0.211	0.183	0.140	0.108	0.106	0.068	0.050	0.037	0.018	0.006	-0.009	-0.039	-0.054	-0.072	-0.089	-0.101	0.9500

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION

(a) BVW

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.695 α = -04.15																					
0.0000	0.234	-0.309	-0.543	-0.206	-0.604	-0.398	0.232	-0.662	-0.894				0.291	-0.841	-1.132	0.286	-0.808	-1.094	0.274	-0.684		0.0000
0.0125	0.172	-0.333	-0.506	0.021	-0.536	-0.557	0.184	-0.640	-0.824	0.201	-0.790	-0.991	0.217	-0.844	-1.061	0.245	-0.809	-1.054	0.255			0.0125
0.0250	0.126	-0.334	-0.460	0.146	-0.461	-0.606	0.143	-0.579	-0.722	0.153	-0.442	-0.596	0.161	-0.775	-0.936	0.209	-0.810	-1.019	0.235			0.0250
0.0420																				-0.671		0.0420
0.0500	0.078	-0.263	-0.341	0.089	-0.290	-0.379	0.087	-0.334	-0.420		-0.370		0.104	-0.423	-0.527	0.151	-0.815	-0.966	0.192			0.0500
0.0640																				-0.668		0.0640
0.0750	0.064	-0.222	-0.287	0.049	-0.273	-0.321	0.058	-0.310	-0.369	0.066	-0.332	-0.399	0.071	-0.357	-0.428	0.119	-0.809	-0.928	0.164			0.0750
0.0810																				-0.668		0.0810
0.1000	0.048	-0.219	-0.266	0.040	-0.260	-0.300	0.037	-0.286	-0.324	0.044	-0.305	-0.350	0.047	-0.332	-0.379	0.094	-0.785	-0.878	0.146	-0.665	-0.811	0.1000
0.1500	0.031	-0.204	-0.235	0.019	-0.233	-0.252	0.020	-0.262	-0.282	0.024	-0.282	-0.307	0.026	-0.300	-0.326	0.067	-0.628	-0.695	0.118	-0.667	-0.785	0.1500
0.2000	0.014	-0.202	-0.216	0.007	-0.220	-0.228	0.011	-0.233	-0.244	0.011			0.015	-0.283	-0.297	0.048	-0.434	-0.482	0.097	-0.667	-0.764	0.2000
0.3000	0.000	-0.206	-0.206	-0.006	-0.211	-0.205	-0.006	-0.228	-0.222				0.005	-0.253	-0.257	0.031	-0.246	-0.277	0.065	-0.679	-0.744	0.3000
0.4000	-0.017	-0.205	-0.187	-0.014	-0.204	-0.190	-0.010	-0.217	-0.207				-0.003	-0.222	-0.219	0.028	-0.223	-0.251	0.041	-0.673	-0.714	0.4000
0.5000	-0.021	-0.198	-0.178	-0.016	-0.198	-0.183	-0.010	-0.200	-0.190				-0.001	-0.203	-0.202	0.019	-0.195	-0.214	0.032	-0.615	-0.646	0.5000
0.6000	-0.012	-0.186	-0.174	-0.008	-0.184	-0.176	-0.005	-0.177	-0.172				0.004	-0.176	-0.180	0.013	-0.172	-0.185	0.021	-0.520	-0.541	0.6000
0.7000	0.004	-0.161	-0.165	0.003	-0.166	-0.169	0.004	-0.150	-0.154				0.003	-0.151	-0.154	0.008	-0.137	-0.145	0.009	-0.374	-0.383	0.7000
0.8000	0.006	-0.136	-0.142	0.005	-0.133	-0.139	0.003	-0.115	-0.118				0.002	-0.112	-0.114	0.004	-0.100	-0.103	0.003	-0.215	-0.219	0.8000
0.9000	0.005	-0.101	-0.106	0.005	-0.072	-0.077	0.009	-0.063	-0.071				0.017	-0.055	-0.072	0.009	-0.048	-0.057	-0.024	-0.085	-0.061	0.9000
1.0000	0.001	-0.056	-0.057	0.002	0.018	0.017	0.022	0.008	-0.014				0.047	0.019	-0.027	0.024	0.017	-0.007	-0.073	0.018	0.091	1.0000
	M = 0.700 α = 00.05																					
0.0000	0.036	0.027	-0.010	0.002	0.029	0.026	-0.035	0.014	0.049				-0.028	0.001	0.029	-0.049	0.001	0.050	-0.045	-0.154		0.0000
0.0125	-0.003	0.011	0.013	-0.033	-0.006	0.027	-0.055	-0.026	0.029	-0.067	-0.033	0.034	-0.068	-0.037	0.031	-0.077	-0.046	0.031	-0.069			0.0125
0.0250	-0.032	-0.004	0.028	-0.057	-0.031	0.026	-0.071	-0.054	0.017	-0.089	-0.062	0.027	-0.094	-0.064	0.031	-0.097	-0.079	0.018	-0.087			0.0250
0.0420																				-0.112		0.0420
0.0500	-0.062	-0.033	0.029	-0.067	-0.050	0.017	-0.093	-0.073	0.020		-0.087		-0.105	-0.087	0.018	-0.115	-0.106	0.009	-0.107			0.0500
0.0640																				-0.106		0.0640
0.0750	-0.059	-0.048	0.011	-0.074	-0.059	0.015	-0.094	-0.081	0.013	-0.111	-0.096	0.015	-0.112	-0.090	0.022	-0.126	-0.107	0.019	-0.110			0.0750
0.0810																				-0.108		0.0810
0.1000	-0.064	-0.052	0.012	-0.080	-0.069	0.011	-0.100	-0.086	0.014	-0.114	-0.096	0.017	-0.116	-0.095	0.022	-0.124	-0.109	0.015	-0.106	-0.104	0.002	0.1000
0.1500	-0.067	-0.056	0.010	-0.083	-0.073	0.011	-0.098	-0.089	0.009	-0.111	-0.105	0.006	-0.112	-0.098	0.014	-0.119	-0.109	0.009	-0.104	-0.103	0.001	0.1500
0.2000	-0.069	-0.053	0.017	-0.086	-0.079	0.007	-0.093	-0.075	0.018	-0.107			-0.105	-0.099	0.006	-0.109	-0.109	0.000	-0.101	-0.108	-0.007	0.2000
0.3000	-0.076	-0.077	-0.001	-0.087	-0.080	0.007	-0.099	-0.097	0.002				-0.097	-0.096	0.001	-0.091	-0.107	-0.016	-0.092	-0.106	-0.014	0.3000
0.4000	-0.089	-0.078	0.011	-0.083	-0.076	0.007	-0.081	-0.089	-0.009				-0.085	-0.091	-0.006	-0.080	-0.102	-0.022	-0.085	-0.096	-0.011	0.4000
0.5000	-0.079	-0.083	-0.004	-0.075	-0.080	-0.005	-0.070	-0.086	-0.016				-0.068	-0.086	-0.018	-0.067	-0.089	-0.021	-0.072	-0.083	-0.010	0.5000
0.6000	-0.057	-0.083	-0.026	-0.049	-0.080	-0.031	-0.053	-0.081	-0.028				-0.044	-0.078	-0.034	-0.056	-0.079	-0.023	-0.058	-0.073	-0.015	0.6000
0.7000	-0.039	-0.066	-0.027	-0.027	-0.074	-0.048	-0.030	-0.070	-0.040				-0.029	-0.065	-0.036	-0.036	-0.061	-0.025	-0.045	-0.057	-0.012	0.7000
0.8000	-0.016	-0.058	-0.042	-0.006	-0.055	-0.049	-0.016	-0.054	-0.038				-0.014	-0.047	-0.032	-0.017	-0.041	-0.024	-0.027	-0.039	-0.012	0.8000
0.9000	0.001	-0.034	-0.035	-0.001	-0.015	-0.014	0.006	-0.015	-0.021				0.019	-0.003	-0.022	0.004	-0.004	-0.008	-0.013	-0.007	0.006	0.9000
1.0000	0.010	0.004	-0.006	-0.011	0.046	0.057	0.035	0.046	0.012				0.069	0.064	-0.005	0.028	0.051	0.023	-0.003	0.037	0.040	1.0000
	M = 0.700 α = 04.10																					
0.0000	-0.425	-0.027	0.397	-0.486	-0.091	0.395	-0.900	0.298	1.198				-0.855	0.299	1.154	-0.831	0.287	1.118	-0.645	0.260		0.0000
0.0125	-0.344	0.111	0.456	-0.530	0.094	0.624	-0.675	0.219	0.895	-0.787	0.231	1.019	-0.827	0.236	1.063	-0.839	0.253	1.092	-0.647			0.0125
0.0250	-0.292	0.180	0.472	-0.517	0.188	0.705	-0.504	0.163	0.666	-0.599	0.170	0.769	-0.744	0.188	0.932	-0.844	0.222	1.065	-0.649			0.0250
0.0420																				0.214		0.0420
0.0500	-0.272	0.109	0.380	-0.322	0.102	0.424	-0.320	0.114	0.434		0.107		-0.418	0.132	0.550	-0.845	0.165	1.010	-0.649			0.0500
0.0640																				0.189		0.0640
0.0750	-0.244	0.087	0.331	-0.277	0.084	0.361	-0.293	0.081	0.374	-0.335	0.077	0.412	-0.362	0.100	0.462	-0.796	0.126	0.923	-0.652			0.0750
0.0810																				0.169		0.0810
0.1000	-0.207	0.060	0.267	-0.262	0.069	0.331	-0.278	0.060	0.337	-0.314	0.063	0.377	-0.330	0.077	0.407	-0.687	0.104	0.790	-0.653	0.152	0.804	0.1000
0.1500	-0.205	0.051	0.257	-0.236	0.041	0.277	-0.244	0.038	0.282	-0.270	0.038	0.309	-0.291	0.051	0.342	-0.477	0.072	0.549	-0.651	0.124	0.775	0.1500
0.2000	-0.198	0.034	0.232	-0.217	0.035	0.251	-0.219	0.042	0.261	-0.249			-0.256	0.032	0.288	-0.319	0.055	0.374	-0.651	0.094	0.746	0.2000
0.3000	-0.188	0.011	0.199	-0.205	0.009	0.215	-0.207	0.011	0.218				-0.222	0.016	0.238	-0.224	0.023	0.247	-0.648	0.063	0.712	0.3000
0.4000	-0.191	-0.005	0.186	-0.188	0.003	0.191	-0.183	-0.005	0.178				-0.193	0.005	0.198	-0.189	0.012	0.201	-0.614	0.042	0.656	0.4000
0.5000	-0.172	-0.020	0.152	-0.166	-0.011	0.155	-0.157	-0.012	0.145				-0.159	-0.005	0.154	-0.163	0.007	0.170	-0.525	0.029	0.554	0.5000
0.6000	-0.141	-0.023	0.118	-0.140	-0.021	0.119	-0.128	-0.017	0.111				-0.126	-0.011	0.115	-0.134	-0.005	0.129	-0.400	0.015	0.415	0.6000
0.7000	-0.101	-0.019	0.082	-0.095	-0.029	0.066	-0.091	-0.020	0.071				-0.094	-0.015	0.079	-0.103	-0.004	0.099	-0.263	0.012	0.275	0.7000
0.8000	-0.076	-0.033	0.043	-0.069	-0.029	0.040	-0.058	-0.018	0.040				-0.062	-0.009	0.053	-0.069	-0.006	0.063	-0.130	0.010	0.139	0.8000
0.9000	-0.048	-0.022	0.026	-0.032	-0.016	0.017	-0.021	0.005	0.026				-0.013	0.014	0.027	-0.025	0.009	0.034	-0.052	0.011	0.063	0.9000
1.0000	-0.015	0.016	0.031	0.015	0.011	-0.003	0.020	0.048	0.028				0.053	0.055	0.002	0.030	0.040	0.010	-0.030	0.016	0.046	1.0000

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.700 α = 07.96																					
0.0000	-1.873	0.306	2.179	-1.019	0.251	1.271	-1.089	0.286	1.375				-0.958	0.260	1.218	-0.858	0.174	1.032	-0.630	0.238		0.0000
0.0125	-1.038	0.315	1.354	-1.140	0.287	1.428	-1.055	0.288	1.343	-1.022	0.266	1.288	-0.960	0.282	1.242	-0.845	0.247	1.093	-0.627			0.0125
0.0250	-0.522	0.311	0.833	-1.206	0.298	1.504	-1.067	0.282	1.349	-1.023	0.279	1.302	-0.965	0.291	1.257	-0.839	0.289	1.128	-0.624			0.0250
0.0420																				0.282		0.0420
0.0500	-0.446	0.260	0.706	-1.170	0.245	1.414	-1.227	0.250	1.477		0.246		-0.991	0.268	1.259	-0.844	0.278	1.122	-0.618			0.0500
0.0640																				0.280		0.0640
0.0750	-0.379	0.225	0.604	-0.303	0.225	0.529	-1.331	0.219	1.549	-1.234	0.210	1.443	-1.064	0.235	1.299	-0.853	0.251	1.104	-0.615			0.0750
0.0810																				0.268		0.0810
0.1000	-0.366	0.193	0.559	-0.300	0.194	0.494	-1.077	0.196	1.274	-1.319	0.193	1.512	-1.166	0.211	1.376	-0.859	0.230	1.089	-0.611	0.257	0.868	0.1000
0.1500	-0.350	0.173	0.523	-0.326	0.169	0.495	-0.219	0.162	0.381	-1.074	0.159	1.234	-1.253	0.176	1.428	-0.885	0.197	1.082	-0.602	0.232	0.834	0.1500
0.2000	-0.330	0.144	0.474	-0.322	0.144	0.465	-0.266	0.156	0.422	-0.350			-1.109	0.150	1.259	-0.915	0.172	1.087	-0.596	0.209	0.804	0.2000
0.3000	-0.310	0.114	0.424	-0.310	0.117	0.427	-0.292	0.108	0.400				-0.229	0.114	0.343	-1.070	0.129	1.199	-0.583	0.168	0.752	0.3000
0.4000	-0.299	0.092	0.390	-0.282	0.094	0.376	-0.261	0.085	0.346				-0.170	0.098	0.268	-1.114	0.102	1.215	-0.575	0.129	0.703	0.4000
0.5000	-0.255	0.067	0.322	-0.247	0.074	0.321	-0.225	0.066	0.290				-0.171	0.074	0.245	-1.021	0.087	1.108	-0.546	0.105	0.651	0.5000
0.6000	-0.216	0.053	0.269	-0.199	0.057	0.256	-0.182	0.048	0.230				-0.141	0.055	0.197	-0.733	0.062	0.795	-0.517	0.068	0.584	0.6000
0.7000	-0.157	0.048	0.205	-0.155	0.042	0.196	-0.131	0.034	0.165				-0.107	0.038	0.145	-0.325	0.047	0.373	-0.517	0.037	0.554	0.7000
0.8000	-0.135	0.021	0.156	-0.088	0.028	0.116	-0.085	0.026	0.111				-0.064	0.032	0.096	-0.026	0.029	0.055	-0.537	-0.003	0.534	0.8000
0.9000	-0.058	0.018	0.075	-0.031	0.026	0.057	-0.031	0.032	0.063				-0.006	0.042	0.048	0.093	0.023	-0.070	-0.558	-0.081	0.477	0.9000
1.0000	0.077	0.039	-0.037	0.016	0.037	0.021	0.031	0.053	0.022				0.066	0.068	0.002	0.033	0.030	-0.004	-0.580	-0.197	0.383	1.0000
	M = 0.698 α = 11.96																					
0.0000	-0.930	0.377	1.307	-1.490	0.249	1.739	-1.404	0.158	1.562				-1.250	0.096	1.346	-1.065	0.007	1.072	-0.687	0.157		0.0000
0.0125	-1.658	0.379	2.037	-1.462	0.318	1.780	-1.427	0.276	1.703	-1.338	0.222	1.560	-1.255	0.236	1.492	-1.046	0.174	1.220	-0.669			0.0125
0.0250	-1.855	0.385	2.240	-1.491	0.359	1.849	-1.437	0.345	1.783	-1.334	0.336	1.670	-1.259	0.324	1.583	-1.037	0.282	1.319	-0.656			0.0250
0.0420																				0.291		0.0420
0.0500	-0.654	0.412	1.066	-1.718	0.353	2.071	-1.416	0.341	1.758		0.344		-1.260	0.341	1.601	-1.044	0.325	1.369	-0.652			0.0500
0.0640																				0.315		0.0640
0.0750	-0.539	0.355	0.894	-1.670	0.329	1.999	-1.458	0.321	1.779	-1.352	0.319	1.671	-1.284	0.329	1.613	-1.048	0.326	1.374	-0.640			0.0750
0.0810																				0.312		0.0810
0.1000	-0.529	0.315	0.845	-1.498	0.303	1.801	-1.541	0.303	1.844	-1.377	0.307	1.685	-1.312	0.308	1.620	-1.044	0.313	1.357	-0.631	0.310	0.941	0.1000
0.1500	-0.526	0.284	0.811	-0.672	0.276	0.948	-1.685	0.267	1.953	-1.688	0.272	1.960	-1.398	0.275	1.673	-1.057	0.289	1.346	-0.610	0.293	0.903	0.1500
0.2000	-0.473	0.250	0.723	-0.453	0.245	0.699	-1.062	0.255	1.317	-1.763			-1.733	0.248	1.981	-1.082	0.266	1.348	-0.589	0.276	0.865	0.2000
0.3000	-0.436	0.205	0.641	-0.412	0.210	0.622	-0.353	0.203	0.556				-1.502	0.206	1.708	-1.047	0.221	1.268	-0.543	0.233	0.776	0.3000
0.4000	-0.404	0.179	0.583	-0.375	0.175	0.550	-0.309	0.169	0.478				-0.651	0.174	0.825	-1.019	0.184	1.204	-0.508	0.191	0.700	0.4000
0.5000	-0.331	0.144	0.475	-0.336	0.149	0.485	-0.269	0.142	0.411				-0.263	0.144	0.407	-1.182	0.157	1.339	-0.477	0.153	0.630	0.5000
0.6000	-0.265	0.123	0.388	-0.278	0.111	0.389	-0.216	0.114	0.330				-0.156	0.117	0.272	-1.330	0.123	1.452	-0.446	0.105	0.551	0.6000
0.7000	-0.201	0.103	0.303	-0.194	0.089	0.283	-0.150	0.087	0.237				-0.087	0.085	0.172	-1.133	0.090	1.223	-0.422	0.062	0.484	0.7000
0.8000	-0.136	0.059	0.196	-0.127	0.068	0.195	-0.090	0.059	0.149				-0.033	0.060	0.093	-0.786	0.041	0.828	-0.402	0.004	0.407	0.8000
0.9000	-0.071	0.041	0.112	-0.076	0.047	0.123	-0.042	0.042	0.084				0.006	0.041	0.036	-0.501	-0.017	0.484	-0.395	-0.086	0.309	0.9000
1.0000	-0.005	0.048	0.053	-0.041	0.028	0.069	-0.006	0.037	0.043				0.027	0.028	0.001	-0.276	-0.086	0.190	-0.399	-0.208	0.191	1.0000
	M = 0.698 α = 15.97																					
0.0000	-1.548	0.273	1.821	-2.037	0.182	2.219	-1.710	-0.005	1.705				-1.524	-0.095	1.429	-1.301	-0.200	1.101	-0.685	0.072		0.0000
0.0125	-2.074	0.420	2.495	-1.871	0.298	2.168	-1.728	0.224	1.952	-1.635	0.124	1.759	-1.537	0.156	1.693	-1.270	0.049	1.319	-0.688			0.0125
0.0250	-2.361	0.507	2.868	-1.816	0.375	2.190	-1.735	0.370	2.105	-1.632	0.336	1.968	-1.543	0.319	1.862	-1.250	0.219	1.469	-0.690			0.0250
0.0420																				0.251		0.0420
0.0500	-2.215	0.499	2.715	-2.041	0.411	2.452	-1.715	0.412	2.127		0.394		-1.536	0.383	1.920	-1.245	0.322	1.568	-0.689			0.0500
0.0640																				0.293		0.0640
0.0750	-1.355	0.472	1.827	-1.923	0.430	2.354	-1.858	0.407	2.265	-1.699	0.393	2.092	-1.539	0.395	1.934	-1.232	0.359	1.591	-0.686			0.0750
0.0810																				0.301		0.0810
0.1000	-1.004	0.436	1.439	-1.998	0.402	2.399	-1.818	0.396	2.213	-1.840	0.388	2.228	-1.631	0.389	2.020	-1.203	0.361	1.565	-0.686	0.310	0.997	0.1000
0.1500	-0.812	0.402	1.214	-1.727	0.381	2.108	-1.917	0.364	2.282	-1.722	0.361	2.083	-1.700	0.363	2.063	-1.154	0.351	1.505	-0.679	0.304	0.983	0.1500
0.2000	-0.663	0.368	1.031	-1.064	0.353	1.417	-1.999	0.352	2.351	-1.724			-1.622	0.338	1.960	-1.114	0.332	1.446	-0.670	0.295	0.965	0.2000
0.3000	-0.616	0.319	0.934	-0.622	0.305	0.927	-1.048	0.296	1.344				-1.701	0.295	1.996	-1.074	0.288	1.363	-0.657	0.260	0.917	0.3000
0.4000	-0.590	0.265	0.856	-0.513	0.262	0.775	-0.598	0.254	0.851				-1.669	0.261	1.930	-0.877	0.245	1.121	-0.648	0.217	0.865	0.4000
0.5000	-0.494	0.230	0.724	-0.404	0.217	0.621	-0.409	0.222	0.631				-1.017	0.220	1.237	-0.766	0.211	0.977	-0.631	0.177	0.808	0.5000
0.6000	-0.335	0.197	0.532	-0.291	0.192	0.483	-0.272	0.182	0.453				-0.531	0.181	0.712	-0.797	0.162	0.959	-0.619	0.123	0.742	0.6000
0.7000	-0.267	0.167	0.434	-0.204	0.149	0.353	-0.180	0.138	0.318				-0.294	0.135	0.428	-0.907	0.116	1.023	-0.608	0.070	0.678	0.7000
0.8000	-0.228	0.103	0.331	-0.227	0.099	0.326	-0.250	0.091	0.341				-0.408	0.087	0.495	-0.876	0.045	0.921	-0.585	0.005	0.590	0.8000
0.9000	-0.224	0.050	0.274	-0.240	0.051	0.291	-0.275	0.041	0.316				-0.402	0.023	0.426	-0.758	-0.060	0.698	-0.558	-0.103	0.454	0.9000
1.0000	-0.253	0.011	0.263	-0.243	0.004	0.248	-0.256	-0.012	0.244				-0.276	-0.055	0.221	-0.552	-0.199	0.353	-0.525	-0.255	0.270	1.0000

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TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 1.301 α = -03.88																					
0.0000	0.380	-0.207	-0.587	0.308	-0.269	-0.577	0.295	-0.330	-0.624				0.332	-0.405	-0.738	0.352	-0.516	-0.868	0.366	-0.624		0.0000
0.0125	0.257	-0.142	-0.399	0.220	-0.222	-0.442	0.226	-0.296	-0.521	0.226	-0.349	-0.574	0.244	-0.373	-0.617	0.265	-0.478	-0.743	0.283			0.0125
0.0250	0.175	-0.100	-0.276	0.163	-0.191	-0.354	0.175	-0.272	-0.447	0.180	-0.319	-0.499	0.181	-0.352	-0.532	0.203	-0.454	-0.657	0.224			0.0250
0.0420																				-0.556		0.0420
0.0500	0.137	-0.089	-0.226	0.147	-0.172	-0.319	0.129	-0.254	-0.384		-0.311		0.131	-0.344	-0.476	0.153	-0.450	-0.603	0.176			0.0500
0.0640																				-0.547		0.0640
0.0750	0.125	-0.092	-0.217	0.105	-0.135	-0.240	0.107	-0.160	-0.267	0.094	-0.219	-0.313	0.102	-0.296	-0.398	0.120	-0.464	-0.584	0.151			0.0750
0.0810																				-0.553		0.0810
0.1000	0.096	-0.096	-0.192	0.090	-0.127	-0.218	0.091	-0.147	-0.238	0.074	-0.137	-0.210	0.087	-0.153	-0.240	0.095	-0.454	-0.549	0.136	-0.553	-0.688	0.1000
0.1500	0.080	-0.092	-0.172	0.068	-0.108	-0.176	0.058	-0.124	-0.182	0.064	-0.140	-0.204	0.064	-0.153	-0.218	0.080	-0.361	-0.440	0.110	-0.560	-0.669	0.1500
0.2000	0.055	-0.089	-0.143	0.061	-0.095	-0.156	0.052	-0.082	-0.134	0.051			0.062	-0.146	-0.208	0.065	-0.233	-0.298	0.091	-0.553	-0.645	0.2000
0.3000	0.042	-0.080	-0.122	0.041	-0.089	-0.130	0.043	-0.111	-0.153				0.057	-0.142	-0.200	0.060	-0.191	-0.252	0.070	-0.498	-0.568	0.3000
0.4000	0.042	-0.090	-0.133	0.039	-0.093	-0.131	0.043	-0.118	-0.161				0.045	-0.129	-0.174	0.040	-0.189	-0.229	0.044	-0.366	-0.410	0.4000
0.5000	0.035	-0.102	-0.138	0.041	-0.111	-0.152	0.036	-0.122	-0.158				0.030	-0.146	-0.176	0.035	-0.184	-0.219	0.034	-0.265	-0.299	0.5000
0.6000	0.036	-0.111	-0.148	0.027	-0.119	-0.147	0.020	-0.131	-0.151				0.020	-0.139	-0.159	0.026	-0.173	-0.200	0.026	-0.238	-0.265	0.6000
0.7000	0.018	-0.114	-0.133	0.014	-0.128	-0.142	0.012	-0.136	-0.148				0.017	-0.148	-0.165	0.016	-0.176	-0.191	0.018	-0.216	-0.234	0.7000
0.8000	0.009	-0.143	-0.152	0.006	-0.139	-0.145	-0.003	-0.138	-0.136				0.002	-0.145	-0.147	0.017	-0.168	-0.185	0.014	-0.200	-0.213	0.8000
0.9000	0.051	-0.134	-0.185	0.066	-0.134	-0.199	0.066	-0.140	-0.206				0.051	-0.137	-0.188	0.004	-0.163	-0.167	0.008	-0.189	-0.197	0.9000
1.0000	0.144	-0.088	-0.232	0.191	-0.113	-0.304	0.217	-0.142	-0.358				0.165	-0.123	-0.288	-0.024	-0.160	-0.136	0.002	-0.184	-0.187	1.0000
	M = 1.302 α = 00.10																					
0.0000	0.124	0.044	-0.080	-0.003	0.075	0.078	0.027	0.065	0.038				0.078	0.057	-0.020	0.042	0.057	0.015	-0.026	-0.071		0.0000
0.0125	0.093	0.059	-0.034	0.012	0.051	0.039	0.029	0.034	0.006	0.021	0.034	0.013	0.022	0.021		-0.007	0.012	0.018	-0.050			0.0125
0.0250	0.067	0.063	-0.004	0.018	0.032	0.014	0.022	0.011	-0.011	-0.008	0.001	0.010	-0.015	-0.004	0.011	-0.040	-0.023	0.017	-0.070			0.0250
0.0420																				-0.077		0.0420
0.0500	0.032	0.040	0.007	0.002	0.008	0.006	-0.018	-0.012	0.006		-0.031		-0.029	-0.025	0.004	-0.062	-0.060	0.002	-0.099			0.0500
0.0640																				-0.079		0.0640
0.0750	0.009	0.024	0.015	-0.004	-0.005	-0.001	-0.020	-0.024	-0.004	-0.039	-0.040	-0.001	-0.045	-0.027	0.018	-0.083	-0.069	0.014	-0.109			0.0750
0.0810																				-0.081		0.0810
0.1000	0.006	0.010	0.005	-0.014	-0.023	-0.009	-0.034	-0.028	0.006	-0.044	-0.033	0.011	-0.058	-0.033	0.025	-0.087	-0.073	0.014	-0.112	-0.079	0.033	0.1000
0.1500	-0.009	-0.012	-0.003	-0.022	-0.022	0.000	-0.041	-0.031	0.010	-0.052	-0.033	0.019	-0.054	-0.043	0.011	-0.081	-0.078	0.004	-0.115	-0.081	0.034	0.1500
0.2000	-0.023	-0.015	0.008	-0.029	-0.017	0.012	-0.035	0.001	0.036	-0.046			-0.054	-0.046	0.008	-0.082	-0.067	0.015	-0.109	-0.090	0.019	0.2000
0.3000	-0.025	-0.018	0.007	-0.039	-0.018	0.021	-0.048	-0.036	0.012				-0.051	-0.048	0.003	-0.086	-0.071	0.015	-0.097	-0.101	-0.004	0.3000
0.4000	-0.033	-0.026	0.007	-0.036	-0.025	0.011	-0.042	-0.043	-0.001				-0.051	-0.046	0.005	-0.071	-0.082	-0.011	-0.107	-0.109	-0.002	0.4000
0.5000	-0.040	-0.035	0.004	-0.037	-0.041	-0.003	-0.046	-0.049	-0.003				-0.060	-0.063	-0.003	-0.076	-0.082	-0.006	-0.109	-0.112	-0.004	0.5000
0.6000	-0.034	-0.047	-0.013	-0.043	-0.048	-0.006	-0.056	-0.062	-0.007				-0.060	-0.063	-0.003	-0.082	-0.086	-0.004	-0.112	-0.110	0.002	0.6000
0.7000	-0.045	-0.050	-0.005	-0.048	-0.058	-0.010	-0.053	-0.068	-0.014				-0.064	-0.075	-0.010	-0.074	-0.092	-0.017	-0.113	-0.106	0.007	0.7000
0.8000	-0.075	-0.073	0.002	-0.071	-0.075	-0.004	-0.078	-0.072	0.005				-0.075	-0.078	-0.002	-0.086	-0.081	0.006	-0.108	-0.108	0.001	0.8000
0.9000	-0.025	-0.081	-0.056	-0.027	-0.077	-0.050	-0.026	-0.085	-0.059				-0.081	-0.080	0.000	-0.092	-0.088	0.003	-0.102	-0.100	0.002	0.9000
1.0000	0.104	-0.074	-0.178	0.083	-0.064	-0.147	0.100	-0.106	-0.206				-0.081	-0.083	-0.002	-0.090	-0.115	-0.024	-0.094	-0.083	0.011	1.0000
	M = 1.303 α = 04.08																					
0.0000	-0.088	0.241	0.329	-0.271	0.322	0.593	-0.318	0.323	0.640				-0.400	0.321	0.722	-0.603	0.337	0.940	-0.650	0.260		0.0000
0.0125	-0.098	0.234	0.332	-0.222	0.244	0.467	-0.299	0.241	0.540	-0.365	0.254	0.619	-0.377	0.251	0.628	-0.517	0.269	0.786	-0.594			0.0125
0.0250	-0.102	0.222	0.324	-0.188	0.192	0.380	-0.279	0.182	0.461	-0.354	0.192	0.546	-0.360	0.199	0.560	-0.464	0.218	0.682	-0.557			0.0250
0.0420																				0.204		0.0420
0.0500	-0.093	0.179	0.272	-0.163	0.163	0.327	-0.231	0.137	0.368		0.139		-0.350	0.151	0.501	-0.458	0.164	0.622	-0.541			0.0500
0.0640																				0.179		0.0640
0.0750	-0.099	0.140	0.239	-0.151	0.124	0.276	-0.145	0.112	0.257	-0.189	0.109	0.298	-0.295	0.128	0.423	-0.462	0.130	0.592	-0.540			0.0750
0.0810																				0.161		0.0810
0.1000	-0.097	0.114	0.211	-0.129	0.098	0.227	-0.151	0.100	0.251	-0.171	0.099	0.271	-0.176	0.105	0.281	-0.462	0.114	0.576	-0.541	0.145	0.686	0.1000
0.1500	-0.086	0.085	0.171	-0.113	0.086	0.200	-0.130	0.075	0.205	-0.156	0.082	0.238	-0.175	0.072	0.247	-0.423	0.094	0.518	-0.550	0.120	0.670	0.1500
0.2000	-0.084	0.078	0.162	-0.106	0.081	0.186	-0.121	0.089	0.210	-0.136			-0.150	0.070	0.219	-0.301	0.090	0.391	-0.559	0.095	0.654	0.2000
0.3000	-0.094	0.060	0.154	-0.105	0.069	0.174	-0.120	0.058	0.178				-0.137	0.053	0.191	-0.190	0.051	0.241	-0.516	0.066	0.583	0.3000
0.4000	-0.093	0.046	0.139	-0.097	0.058	0.154	-0.111	0.045	0.155				-0.129	0.062	0.190	-0.180	0.039	0.219	-0.465	0.054	0.519	0.4000
0.5000	-0.102	0.039	0.141	-0.099	0.038	0.138	-0.112	0.035	0.147				-0.135	0.021	0.155	-0.164	0.031	0.195	-0.357	0.045	0.402	0.5000
0.6000	-0.094	0.033	0.127	-0.107	0.026	0.133	-0.119	0.020	0.139				-0.129	0.022	0.151	-0.164	0.010	0.174	-0.263	0.030	0.293	0.6000
0.7000	-0.098	0.028	0.127	-0.107	0.014	0.122	-0.119	0.009	0.128				-0.129	0.010	0.140	-0.153	0.026	0.179	-0.235	0.022	0.257	0.7000
0.8000	-0.136	-0.002	0.134	-0.139	0.005	0.144	-0.138	0.001	0.139				-0.137	0.002	0.139	-0.154	0.010	0.164	-0.219	0.019	0.239	0.8000
0.9000	-0.090	-0.006	0.083	-0.104	0.000	0.105	-0.115	-0.004	0.111				-0.145	0.004	0.149	-0.164	-0.007	0.157	-0.210	0.040	0.250	0.9000
1.0000	0.040	0.015	-0.025	-0.003	0.001	0.004	-0.050	-0.007	0.043				-0.154	0.015	0.169	-0.182	-0.025	0.158	-0.207	0.085	0.292	1.0000

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
										M = 1.299		α = 08.11										
0.0000	-0.436	0.357	0.793	-0.500	0.403	0.903	-0.510	0.408	0.918				-0.551	0.404	0.955	-0.537	0.376	0.914	-0.523	0.359		0.0000
0.0125	-0.386	0.353	0.738	-0.499	0.356	0.855	-0.506	0.354	0.860	-0.514	0.366	0.879	-0.538	0.363	0.901	-0.510	0.362	0.872	-0.523			0.0125
0.0250	-0.335	0.340	0.675	-0.499	0.318	0.817	-0.504	0.314	0.818	-0.520	0.325	0.845	-0.529	0.329	0.858	-0.495	0.346	0.841	-0.522			0.0250
0.0420																				0.334		0.0420
0.0500	-0.229	0.292	0.520	-0.504	0.262	0.766	-0.508	0.270	0.779		0.273		-0.528	0.279	0.806	-0.505	0.305	0.810	-0.522			0.0500
0.0640																				0.318		0.0640
0.0750	-0.203	0.255	0.459	-0.435	0.228	0.663	-0.517	0.243	0.761	-0.524	0.235	0.759	-0.534	0.252	0.786	-0.507	0.277	0.784	-0.523			0.0750
0.0810																				0.305		0.0810
0.1000	-0.188	0.220	0.409	-0.331	0.210	0.542	-0.472	0.218	0.689	-0.474	0.219	0.693	-0.532	0.226	0.758	-0.509	0.259	0.768	-0.525	0.293	0.818	0.1000
0.1500	-0.186	0.193	0.379	-0.189	0.189	0.379	-0.407	0.187	0.594	-0.413	0.186	0.599	-0.490	0.197	0.687	-0.520	0.223	0.743	-0.526	0.272	0.798	0.1500
0.2000	-0.173	0.178	0.351	-0.162	0.179	0.342	-0.323	0.185	0.508	-0.383			-0.461	0.185	0.646	-0.519	0.205	0.723	-0.532	0.244	0.777	0.2000
0.3000	-0.167	0.150	0.317	-0.163	0.151	0.314	-0.161	0.159	0.320				-0.403	0.176	0.579	-0.519	0.172	0.691	-0.527	0.215	0.742	0.3000
0.4000	-0.155	0.149	0.304	-0.163	0.142	0.305	-0.145	0.144	0.290				-0.283	0.145	0.428	-0.506	0.152	0.659	-0.537	0.203	0.739	0.4000
0.5000	-0.156	0.131	0.288	-0.156	0.125	0.282	-0.156	0.123	0.280				-0.160	0.128	0.288	-0.501	0.147	0.648	-0.538	0.191	0.729	0.5000
0.6000	-0.158	0.115	0.273	-0.169	0.114	0.283	-0.174	0.114	0.288				-0.153	0.120	0.274	-0.498	0.138	0.636	-0.540	0.170	0.710	0.6000
0.7000	-0.165	0.113	0.278	-0.172	0.106	0.277	-0.176	0.112	0.288				-0.167	0.107	0.274	-0.486	0.135	0.620	-0.544	0.155	0.699	0.7000
0.8000	-0.194	0.093	0.287	-0.191	0.091	0.282	-0.192	0.100	0.291				-0.178	0.123	0.301	-0.476	0.124	0.600	-0.540	0.136	0.676	0.8000
0.9000	-0.164	0.093	0.257	-0.172	0.104	0.276	-0.188	0.099	0.287				-0.193	0.102	0.294	-0.452	0.088	0.540	-0.457	0.136	0.593	0.9000
1.0000	-0.076	0.114	0.190	-0.116	0.145	0.261	-0.166	0.110	0.276				-0.209	0.042	0.252	-0.414	0.025	0.439	-0.295	0.157	0.452	1.0000
										M = 1.302		α = 12.14										
0.0000	-0.550	0.422	0.972	-0.590	0.439	1.029	-0.585	0.441	1.026				-0.583	0.411	0.994	-0.571	0.369	0.941	-0.554	0.346		0.0000
0.0125	-0.569	0.441	1.010	-0.590	0.428	1.019	-0.586	0.422	1.008	-0.587	0.408	0.996	-0.572	0.414	0.986	-0.544	0.397	0.941	-0.560			0.0125
0.0250	-0.580	0.441	1.021	-0.592	0.413	1.005	-0.587	0.403	0.990	-0.590	0.402	0.991	-0.566	0.409	0.975	-0.530	0.412	0.942	-0.563			0.0250
0.0420																				0.402		0.0420
0.0500	-0.572	0.388	0.961	-0.598	0.368	0.966	-0.588	0.367	0.956		0.368		-0.565	0.376	0.941	-0.544	0.399	0.943	-0.563			0.0500
0.0640																				0.403		0.0640
0.0750	-0.542	0.351	0.893	-0.619	0.344	0.963	-0.597	0.336	0.933	-0.589	0.335	0.924	-0.566	0.350	0.917	-0.547	0.377	0.923	-0.563			0.0750
0.0810																				0.392		0.0810
0.1000	-0.309	0.325	0.634	-0.621	0.316	0.936	-0.609	0.314	0.923	-0.591	0.323	0.914	-0.572	0.328	0.900	-0.547	0.359	0.906	-0.564	0.384	0.948	0.1000
0.1500	-0.250	0.300	0.550	-0.606	0.277	0.883	-0.610	0.290	0.900	-0.603	0.283	0.886	-0.583	0.307	0.890	-0.553	0.332	0.885	-0.567	0.368	0.935	0.1500
0.2000	-0.238	0.259	0.497	-0.500	0.277	0.777	-0.610	0.277	0.888	-0.610			-0.597	0.295	0.892	-0.552	0.312	0.863	-0.570	0.346	0.916	0.2000
0.3000	-0.204	0.237	0.441	-0.185	0.261	0.446	-0.550	0.255	0.805				-0.611	0.257	0.868	-0.577	0.283	0.860	-0.562	0.311	0.873	0.3000
0.4000	-0.201	0.237	0.438	-0.187	0.231	0.418	-0.213	0.233	0.446				-0.622	0.242	0.864	-0.601	0.275	0.876	-0.574	0.284	0.858	0.4000
0.5000	-0.200	0.213	0.413	-0.204	0.210	0.414	-0.188	0.216	0.403				-0.630	0.227	0.857	-0.618	0.265	0.883	-0.579	0.265	0.844	0.5000
0.6000	-0.210	0.209	0.419	-0.211	0.208	0.419	-0.208	0.212	0.420				-0.494	0.233	0.726	-0.628	0.228	0.856	-0.582	0.255	0.837	0.6000
0.7000	-0.216	0.225	0.441	-0.218	0.223	0.441	-0.215	0.227	0.442				-0.279	0.210	0.489	-0.634	0.200	0.834	-0.587	0.247	0.834	0.7000
0.8000	-0.243	0.173	0.416	-0.231	0.177	0.408	-0.226	0.169	0.396				-0.203	0.167	0.370	-0.643	0.184	0.828	-0.589	0.226	0.815	0.8000
0.9000	-0.235	0.150	0.385	-0.236	0.159	0.395	-0.236	0.150	0.386				-0.197	0.155	0.352	-0.642	0.164	0.807	-0.480	0.219	0.699	0.9000
1.0000	-0.192	0.155	0.347	-0.233	0.168	0.400	-0.245	0.168	0.413				-0.261	0.174	0.435	-0.630	0.141	0.771	-0.261	0.227	0.488	1.0000
										M = 1.301		α = 16.17										
0.0000	-0.630	0.563	1.193	-0.630	0.492	1.122	-0.623	0.442	1.065				-0.610	0.416	1.026	-0.589	0.357	0.947	-0.576	0.360		0.0000
0.0125	-0.624	0.572	1.196	-0.625	0.511	1.136	-0.620	0.484	1.104	-0.621	0.459	1.080	-0.597	0.466	1.063	-0.576	0.441	1.017	-0.591			0.0125
0.0250	-0.621	0.570	1.191	-0.622	0.518	1.140	-0.617	0.506	1.123	-0.617	0.498	1.115	-0.588	0.496	1.084	-0.569	0.494	1.063	-0.599			0.0250
0.0420																				0.455		0.0420
0.0500	-0.627	0.534	1.161	-0.625	0.494	1.119	-0.612	0.487	1.099		0.485		-0.585	0.492	1.077	-0.573	0.508	1.081	-0.595			0.0500
0.0640																				0.471		0.0640
0.0750	-0.636	0.488	1.124	-0.635	0.466	1.100	-0.613	0.460	1.073	-0.606	0.454	1.060	-0.585	0.481	1.066	-0.577	0.503	1.079	-0.595			0.0750
0.0810																				0.467		0.0810
0.1000	-0.623	0.449	1.071	-0.634	0.440	1.074	-0.619	0.443	1.061	-0.608	0.445	1.052	-0.579	0.465	1.044	-0.579	0.489	1.068	-0.595	0.470	1.065	0.1000
0.1500	-0.497	0.421	0.919	-0.637	0.406	1.043	-0.621	0.405	1.026	-0.620	0.424	1.044	-0.588	0.437	1.024	-0.586	0.464	1.050	-0.596	0.463	1.059	0.1500
0.2000	-0.357	0.382	0.739	-0.634	0.386	1.020	-0.648	0.419	1.067	-0.623			-0.606	0.416	1.022	-0.580	0.440	1.020	-0.603	0.455	1.058	0.2000
0.3000	-0.258	0.370	0.627	-0.486	0.369	0.855	-0.665	0.374	1.039				-0.621	0.399	1.020	-0.593	0.401	0.994	-0.588	0.432	1.020	0.3000
0.4000	-0.257	0.356	0.612	-0.328	0.357	0.685	-0.573	0.365	0.937				-0.665	0.388	1.052	-0.599	0.371	0.970	-0.600	0.407	1.007	0.4000
0.5000	-0.256	0.354	0.611	-0.289	0.356	0.645	-0.433	0.354	0.787				-0.680	0.344	1.024	-0.619	0.359	0.977	-0.603	0.391	0.994	0.5000
0.6000	-0.249	0.328	0.577	-0.272	0.317	0.589	-0.341	0.313	0.654				-0.661	0.321	0.983	-0.631	0.342	0.973	-0.607	0.368	0.974	0.6000
0.7000	-0.253	0.309	0.563	-0.265	0.293	0.558	-0.294	0.297	0.591				-0.619	0.304	0.923	-0.637	0.329	0.967	-0.610	0.353	0.964	0.7000
0.8000	-0.285	0.278	0.564	-0.283	0.281	0.564	-0.291	0.287	0.577				-0.567	0.296	0.863	-0.645	0.306	0.951	-0.603	0.338	0.941	0.8000
0.9000	-0.300	0.266	0.566	-0.297	0.273	0.570	-0.298	0.271	0.569				-0.489	0.277	0.766	-0.645	0.279	0.924	-0.506	0.341	0.847	0.9000
1.0000	-0.297	0.272	0.568	-0.307	0.267	0.574	-0.314	0.252	0.566				-0.384	0.248	0.632	-0.637	0.248	0.886	-0.318	0.364	0.681	1.0000

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 2.231 α = -03.68																					
0.0000	0.278	-0.012	-0.290	0.259	0.003	-0.256	0.262	-0.009	-0.271				0.290	0.009	-0.281	0.297	0.006	-0.291	0.321	-0.111		0.0000
0.0125	0.210	-0.023	-0.233	0.209	-0.020	-0.230	0.213	-0.026	-0.239	0.219	-0.023	-0.242	0.233	-0.013	-0.246	0.244	-0.005	-0.249	0.259			0.0125
0.0250	0.159	-0.028	-0.188	0.171	-0.035	-0.206	0.174	-0.039	-0.213	0.180	-0.038	-0.218	0.189	-0.024	-0.213	0.204	-0.016	-0.220	0.205			0.0250
0.0420																				-0.042		0.0420
0.0500	0.110	-0.021	-0.131	0.127	-0.039	-0.166	0.130	-0.053	-0.182		-0.054		0.142	-0.014	-0.156	0.160	-0.037	-0.197	0.164			0.0500
0.0640																				-0.038		0.0640
0.0750	0.107	-0.026	-0.133	0.105	-0.041	-0.146	0.105	-0.059	-0.164	0.107	-0.063	-0.171	0.113	-0.044	-0.157	0.133	-0.045	-0.178	0.144			0.0750
0.0810																				-0.050		0.0810
0.1000	0.092	-0.029	-0.121	0.091	-0.043	-0.134	0.087	-0.056	-0.144	0.089	-0.063	-0.152	0.093	-0.058	-0.150	0.111	-0.055	-0.167	0.131	-0.051	-0.182	0.1000
0.1500	0.080	-0.030	-0.110	0.071	-0.046	-0.117	0.070	-0.052	-0.122	0.069	-0.065	-0.134	0.074	-0.062	-0.136	0.086	-0.067	-0.153	0.110	-0.052	-0.162	0.1500
0.2000	0.065	-0.029	-0.094	0.062	-0.046	-0.108	0.065	0.047	-0.018	0.059			0.062	-0.063	-0.125	0.076	-0.067	-0.142	0.094	-0.058	-0.152	0.2000
0.3000	0.050	-0.032	-0.082	0.048	-0.026	-0.074	0.044	-0.055	-0.100				0.051	-0.064	-0.115	0.056	-0.081	-0.137	0.085	-0.064	-0.149	0.3000
0.4000	0.033	-0.036	-0.069	0.031	-0.034	-0.065	0.030	-0.050	-0.080				0.039	-0.058	-0.096	0.054	-0.087	-0.141	0.059	-0.071	-0.131	0.4000
0.5000	0.031	-0.040	-0.071	0.020	-0.041	-0.061	0.024	-0.053	-0.076				0.027	-0.056	-0.084	0.043	-0.091	-0.133	0.050	-0.078	-0.128	0.5000
0.6000	0.023	-0.047	-0.070	0.015	-0.051	-0.066	0.017	-0.059	-0.076				0.022	-0.062	-0.084	0.036	-0.096	-0.132	0.041	-0.090	-0.131	0.6000
0.7000	0.045	-0.049	-0.095	0.013	-0.053	-0.066	0.012	-0.057	-0.069				0.020	-0.062	-0.081	0.025	-0.093	-0.119	0.038	-0.089	-0.127	0.7000
0.8000	0.010	-0.058	-0.068	0.009	-0.055	-0.064	0.009	-0.060	-0.069				0.011	-0.060	-0.071	0.018	-0.098	-0.115	0.035	-0.091	-0.126	0.8000
0.9000	0.003	-0.064	-0.067	0.007	-0.058	-0.065	0.000	-0.062	-0.062				0.009	-0.056	-0.065	0.017	-0.093	-0.110	0.030	-0.091	-0.120	0.9000
1.0000	0.025	-0.067	-0.092	0.006	-0.063	-0.068	-0.015	-0.064	-0.049				0.014	-0.049	-0.063	0.023	-0.080	-0.103	0.022	-0.089	-0.111	1.0000
	M = 2.240 α = 00.40																					
0.0000	0.107	0.017	-0.090	0.020	-0.018	-0.038	0.121	0.158	0.037				0.135	0.167	0.032	0.129	0.193	0.064	0.123	0.128		0.0000
0.0125	0.084	0.058	-0.026	0.058	0.056	-0.002	0.087	0.111	0.023	0.089	0.124	0.035	0.097	0.127	0.030	0.103	0.145	0.042	0.096			0.0125
0.0250	0.066	0.078	0.013	0.074	0.092	0.017	0.059	0.076	0.017	0.060	0.088	0.028	0.067	0.094	0.027	0.080	0.107	0.027	0.074			0.0250
0.0420																				0.080		0.0420
0.0500	0.043	0.060	0.017	0.039	0.045	0.006	0.020	0.043	0.023		0.049		0.033	0.053	0.020	0.048	0.065	0.017	0.048			0.0500
0.0640																				0.065		0.0640
0.0750	0.033	0.038	0.005	0.019	0.036	0.017	0.011	0.025	0.014	0.010	0.029	0.018	0.012	0.032	0.020	0.027	0.046	0.019	0.031			0.0750
0.0810																				0.057		0.0810
0.1000	0.024	0.032	0.008	0.014	0.031	0.017	-0.002	0.015	0.017	-0.003	0.022	0.025	-0.001	0.021	0.022	0.009	0.035	0.026	0.022	0.050	0.029	0.1000
0.1500	0.018	0.027	0.009	-0.001	0.021	0.023	-0.012	0.006	0.018	-0.016	0.006	0.022	-0.016	0.006	0.021	-0.011	0.017	0.028	0.007	0.040	0.033	0.1500
0.2000	0.007	0.021	0.013	-0.007	0.015	0.022	-0.016	0.090	0.105	-0.022			-0.023	-0.002	0.021	-0.016	0.008	0.023	-0.009	0.028	0.038	0.2000
0.3000	0.000	0.004	0.004	-0.009	0.018	0.027	-0.022	-0.005	0.017				-0.029	-0.005	0.024	-0.033	-0.012	0.021	-0.009	0.013	0.021	0.3000
0.4000	-0.007	0.000	0.008	-0.017	0.006	0.022	-0.027	-0.016	0.011				-0.029	-0.007	0.022	-0.037	-0.017	0.019	-0.032	-0.002	0.030	0.4000
0.5000	-0.029	-0.004	0.025	-0.023	-0.007	0.016	-0.030	-0.020	0.010				-0.032	-0.019	0.013	-0.042	-0.022	0.020	-0.039	-0.011	0.028	0.5000
0.6000	-0.008	-0.015	-0.007	-0.029	-0.015	0.015	-0.035	-0.028	0.007				-0.034	-0.024	0.010	-0.044	-0.025	0.019	-0.046	-0.023	0.022	0.6000
0.7000	0.011	-0.021	-0.032	-0.030	-0.022	0.008	-0.035	-0.028	0.007				-0.035	-0.027	0.008	-0.042	-0.026	0.016	-0.049	-0.029	0.019	0.7000
0.8000	-0.033	-0.038	-0.005	-0.034	-0.029	0.005	-0.038	-0.032	0.006				-0.038	-0.031	0.006	-0.045	-0.032	0.013	-0.051	-0.032	0.020	0.8000
0.9000	-0.035	-0.040	-0.005	-0.037	-0.034	0.004	-0.046	-0.039	0.007				-0.039	-0.035	0.004	-0.043	-0.037	0.005	-0.056	-0.032	0.024	0.9000
1.0000	0.004	-0.028	-0.032	-0.039	-0.034	0.005	-0.056	-0.047	0.009				-0.039	-0.038	0.002	-0.034	-0.041	-0.007	-0.061	-0.029	0.032	1.0000
	M = 2.231 α = 04.31																					
0.0000	0.001	0.207	0.206	0.011	0.290	0.279	-0.038	0.296	0.334				-0.046	0.314	0.360	-0.031	0.316	0.347	-0.038	0.260		0.0000
0.0125	-0.019	0.204	0.222	-0.021	0.230	0.251	-0.048	0.233	0.281	-0.058	0.251	0.309	-0.047	0.256	0.302	-0.040	0.269	0.309	-0.059			0.0125
0.0250	-0.032	0.194	0.226	-0.043	0.185	0.229	-0.058	0.186	0.244	-0.063	0.203	0.265	-0.051	0.210	0.261	-0.047	0.231	0.279	-0.072			0.0250
0.0420																				0.212		0.0420
0.0500	-0.040	0.158	0.198	-0.059	0.139	0.198	-0.076	0.143	0.218		0.157		-0.067	0.157	0.224	-0.058	0.183	0.241	-0.074			0.0500
0.0640																				0.192		0.0640
0.0750	-0.046	0.129	0.174	-0.071	0.126	0.197	-0.083	0.117	0.199	-0.082	0.130	0.212	-0.078	0.136	0.214	-0.068	0.157	0.226	-0.079			0.0750
0.0810																				0.179		0.0810
0.1000	-0.048	0.112	0.160	-0.070	0.105	0.175	-0.086	0.103	0.189	-0.089	0.115	0.204	-0.086	0.118	0.204	-0.078	0.143	0.220	-0.081	0.169	0.249	0.1000
0.1500	-0.051	0.096	0.147	-0.067	0.092	0.160	-0.083	0.086	0.169	-0.095	0.091	0.186	-0.094	0.093	0.187	-0.094	0.116	0.210	-0.084	0.152	0.237	0.1500
0.2000	-0.058	0.088	0.146	-0.071	0.083	0.154	-0.083	0.148	0.231	-0.094			-0.100	0.080	0.180	-0.091	0.103	0.194	-0.096	0.137	0.232	0.2000
0.3000	-0.057	0.064	0.121	-0.074	0.082	0.156	-0.085	0.062	0.147				-0.100	0.068	0.168	-0.105	0.077	0.182	-0.088	0.112	0.199	0.3000
0.4000	-0.062	0.053	0.115	-0.068	0.048	0.117	-0.077	0.041	0.117				-0.100	0.055	0.155	-0.106	0.067	0.173	-0.105	0.093	0.198	0.4000
0.5000	-0.063	0.042	0.106	-0.066	0.038	0.104	-0.072	0.034	0.106				-0.092	0.036	0.128	-0.111	0.056	0.167	-0.109	0.081	0.190	0.5000
0.6000	-0.038	0.028	0.067	-0.068	0.029	0.097	-0.074	0.022	0.097				-0.083	0.030	0.113	-0.115	0.046	0.162	-0.112	0.066	0.178	0.6000
0.7000	-0.021	0.026	0.047	-0.068	0.020	0.088	-0.072	0.020	0.092				-0.077	0.026	0.102	-0.117	0.038	0.155	-0.113	0.059	0.173	0.7000
0.8000	-0.059	-0.001	0.058	-0.068	0.013	0.082	-0.072	0.011	0.083				-0.079	0.019	0.097	-0.120	0.028	0.148	-0.115	0.056	0.171	0.8000
0.9000	-0.066	-0.002	0.064	-0.067	0.006	0.073	-0.078	0.002	0.080				-0.077	0.012	0.088	-0.118	0.022	0.140	-0.113	0.059	0.171	0.9000
1.0000	-0.043	0.021	0.065	-0.066	-0.003	0.063	-0.090	-0.008	0.082				-0.070	0.005	0.075	-0.112	0.020	0.132	-0.105	0.067	0.173	1.0000

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Concluded

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 2.232			α = 08.31										
0.0000	-0.117	0.377	0.493	-0.119	0.382	0.501	-0.122	0.399	0.521				-0.132	0.407	0.539	-0.116	0.407	0.523	-0.117	0.331		0.0000
0.0125	-0.118	0.323	0.440	-0.122	0.327	0.450	-0.127	0.331	0.458	-0.131	0.347	0.478	-0.126	0.352	0.478	-0.120	0.367	0.488	-0.137			0.0125
0.0250	-0.118	0.280	0.398	-0.125	0.284	0.409	-0.132	0.281	0.413	-0.135	0.305	0.440	-0.124	0.309	0.433	-0.124	0.334	0.458	-0.149			0.0250
0.0420																				0.316		0.0420
0.0500	-0.117	0.228	0.344	-0.130	0.230	0.361	-0.140	0.236	0.376		0.258		-0.132	0.260	0.392	-0.126	0.288	0.413	-0.145			0.0500
0.0640																				0.302		0.0640
0.0750	-0.118	0.200	0.318	-0.136	0.206	0.342	-0.142	0.207	0.349	-0.140	0.221	0.362	-0.139	0.232	0.371	-0.130	0.267	0.387	-0.145			0.0750
0.0810																				0.287		0.0810
0.1000	-0.119	0.187	0.306	-0.133	0.189	0.322	-0.140	0.190	0.329	-0.143	0.204	0.347	-0.142	0.210	0.352	-0.135	0.240	0.375	-0.143	0.274	0.416	0.1000
0.1500	-0.124	0.163	0.287	-0.131	0.163	0.295	-0.138	0.174	0.311	-0.142	0.180	0.322	-0.144	0.182	0.327	-0.146	0.210	0.356	-0.143	0.253	0.396	0.1500
0.2000	-0.115	0.148	0.263	-0.132	0.155	0.287	-0.138	0.216	0.354	-0.151			-0.145	0.167	0.312	-0.137	0.195	0.332	-0.154	0.232	0.387	0.2000
0.3000	-0.094	0.120	0.214	-0.133	0.144	0.277	-0.143	0.126	0.269				-0.143	0.142	0.286	-0.149	0.166	0.315	-0.134	0.203	0.337	0.3000
0.4000	-0.094	0.110	0.204	-0.137	0.113	0.250	-0.140	0.107	0.247				-0.145	0.122	0.267	-0.149	0.151	0.300	-0.152	0.182	0.334	0.4000
0.5000	-0.097	0.092	0.189	-0.133	0.093	0.226	-0.132	0.097	0.229				-0.145	0.104	0.249	-0.154	0.135	0.289	-0.157	0.167	0.324	0.5000
0.6000	-0.049	0.085	0.134	-0.116	0.081	0.197	-0.128	0.081	0.209				-0.137	0.094	0.231	-0.157	0.120	0.277	-0.158	0.150	0.308	0.6000
0.7000	-0.039	0.079	0.119	-0.104	0.072	0.176	-0.123	0.078	0.201				-0.127	0.086	0.213	-0.158	0.109	0.267	-0.157	0.141	0.298	0.7000
0.8000	-0.085	0.048	0.133	-0.094	0.058	0.152	-0.117	0.066	0.183				-0.124	0.077	0.201	-0.160	0.097	0.257	-0.156	0.134	0.290	0.8000
0.9000	-0.088	0.051	0.139	-0.092	0.058	0.150	-0.118	0.056	0.174				-0.117	0.067	0.184	-0.155	0.087	0.242	-0.145	0.135	0.280	0.9000
1.0000	-0.047	0.089	0.136	-0.099	0.071	0.169	-0.127	0.047	0.173				-0.107	0.055	0.163	-0.144	0.080	0.224	-0.126	0.144	0.270	1.0000
									M = 2.228			α = 12.31										
0.0000	-0.164	0.414	0.578	-0.152	0.429	0.582	-0.167	0.450	0.618				-0.194	0.464	0.658	-0.163	0.450	0.613	-0.150	0.382		0.0000
0.0125	-0.163	0.400	0.563	-0.162	0.401	0.563	-0.169	0.401	0.570	-0.170	0.429	0.599	-0.172	0.424	0.596	-0.163	0.432	0.594	-0.174			0.0125
0.0250	-0.161	0.382	0.543	-0.169	0.375	0.544	-0.171	0.364	0.535	-0.173	0.396	0.569	-0.161	0.392	0.553	-0.163	0.414	0.576	-0.187			0.0250
0.0420																				0.400		0.0420
0.0500	-0.158	0.329	0.487	-0.169	0.333	0.502	-0.174	0.330	0.504		0.348		-0.169	0.351	0.520	-0.164	0.379	0.543	-0.181			0.0500
0.0640																				0.390		0.0640
0.0750	-0.156	0.297	0.453	-0.169	0.303	0.472	-0.172	0.305	0.478	-0.172	0.313	0.485	-0.173	0.323	0.496	-0.166	0.353	0.519	-0.181			0.0750
0.0810																				0.374		0.0810
0.1000	-0.161	0.277	0.438	-0.168	0.273	0.440	-0.171	0.291	0.462	-0.172	0.297	0.469	-0.176	0.303	0.478	-0.168	0.336	0.505	-0.177	0.364	0.541	0.1000
0.1500	-0.165	0.254	0.419	-0.166	0.252	0.419	-0.171	0.261	0.433	-0.170	0.264	0.434	-0.174	0.277	0.450	-0.178	0.304	0.482	-0.175	0.342	0.517	0.1500
0.2000	-0.166	0.236	0.402	-0.165	0.247	0.412	-0.172	0.290	0.462	-0.170			-0.174	0.258	0.432	-0.166	0.285	0.451	-0.188	0.324	0.513	0.2000
0.3000	-0.158	0.205	0.364	-0.166	0.221	0.387	-0.173	0.205	0.378				-0.171	0.220	0.391	-0.177	0.253	0.431	-0.164	0.293	0.457	0.3000
0.4000	-0.148	0.193	0.341	-0.168	0.189	0.356	-0.171	0.185	0.356				-0.171	0.201	0.372	-0.174	0.236	0.410	-0.181	0.272	0.454	0.4000
0.5000	-0.137	0.175	0.312	-0.167	0.161	0.327	-0.163	0.165	0.328				-0.171	0.184	0.355	-0.176	0.214	0.390	-0.184	0.257	0.440	0.5000
0.6000	-0.116	0.155	0.270	-0.162	0.155	0.316	-0.167	0.154	0.322				-0.167	0.169	0.336	-0.178	0.198	0.376	-0.182	0.237	0.419	0.6000
0.7000	-0.053	0.148	0.201	-0.147	0.142	0.289	-0.168	0.146	0.314				-0.160	0.157	0.317	-0.177	0.182	0.359	-0.179	0.227	0.406	0.7000
0.8000	-0.095	0.124	0.219	-0.130	0.133	0.263	-0.167	0.137	0.304				-0.159	0.150	0.309	-0.177	0.169	0.346	-0.178	0.216	0.394	0.8000
0.9000	-0.102	0.118	0.220	-0.115	0.121	0.236	-0.169	0.123	0.292				-0.157	0.134	0.291	-0.175	0.153	0.328	-0.176	0.216	0.392	0.9000
1.0000	-0.076	0.129	0.205	-0.102	0.106	0.208	-0.174	0.105	0.279				-0.153	0.110	0.263	-0.171	0.135	0.306	-0.173	0.227	0.400	1.0000
									M = 2.229			α = 16.42										
0.0000	-0.195	0.474	0.669	-0.190	0.486	0.677	-0.190	0.485	0.675				-0.224	0.487	0.711	-0.194	0.469	0.662	-0.163	0.449		0.0000
0.0125	-0.189	0.469	0.658	-0.190	0.463	0.653	-0.192	0.473	0.665	-0.192	0.482	0.673	-0.197	0.477	0.674	-0.184	0.487	0.671	-0.185			0.0125
0.0250	-0.185	0.458	0.643	-0.191	0.445	0.636	-0.194	0.460	0.653	-0.194	0.472	0.666	-0.182	0.465	0.648	-0.178	0.494	0.673	-0.197			0.0250
0.0420																				0.478		0.0420
0.0500	-0.183	0.419	0.602	-0.194	0.430	0.623	-0.195	0.429	0.624		0.436		-0.192	0.436	0.628	-0.181	0.474	0.655	-0.190			0.0500
0.0640																				0.472		0.0640
0.0750	-0.184	0.384	0.568	-0.194	0.396	0.591	-0.194	0.397	0.591	-0.188	0.402	0.590	-0.194	0.420	0.614	-0.181	0.454	0.635	-0.190			0.0750
0.0810																				0.459		0.0810
0.1000	-0.186	0.377	0.564	-0.192	0.365	0.557	-0.194	0.384	0.578	-0.187	0.388	0.575	-0.197	0.399	0.595	-0.182	0.441	0.623	-0.189	0.452	0.641	0.1000
0.1500	-0.189	0.342	0.531	-0.191	0.348	0.539	-0.195	0.344	0.539	-0.187	0.358	0.544	-0.194	0.369	0.563	-0.193	0.410	0.603	-0.187	0.432	0.618	0.1500
0.2000	-0.194	0.321	0.515	-0.190	0.333	0.523	-0.195	0.371	0.566	-0.188			-0.195	0.343	0.538	-0.177	0.387	0.564	-0.200	0.417	0.618	0.2000
0.3000	-0.190	0.297	0.488	-0.190	0.302	0.492	-0.193	0.291	0.484				-0.193	0.304	0.497	-0.193	0.346	0.538	-0.174	0.390	0.564	0.3000
0.4000	-0.177	0.266	0.443	-0.193	0.270	0.462	-0.191	0.264	0.455				-0.192	0.291	0.483	-0.191	0.325	0.516	-0.195	0.367	0.562	0.4000
0.5000	-0.160	0.254	0.414	-0.192	0.241	0.433	-0.188	0.247	0.435				-0.193	0.264	0.457	-0.193	0.308	0.501	-0.197	0.351	0.547	0.5000
0.6000	-0.103	0.230	0.333	-0.188	0.230	0.418	-0.191	0.234	0.426				-0.190	0.251	0.441	-0.192	0.285	0.477	-0.197	0.327	0.524	0.6000
0.7000	-0.075	0.230	0.304	-0.180	0.222	0.402	-0.192	0.226	0.418				-0.186	0.240	0.425	-0.191	0.272	0.463	-0.196	0.318	0.513	0.7000
0.8000	-0.127	0.193	0.320	-0.172	0.207	0.379	-0.191	0.211	0.403				-0.187	0.222	0.408	-0.191	0.255	0.445	-0.195	0.310	0.504	0.8000
0.9000	-0.130	0.195	0.326	-0.149	0.200	0.349	-0.194	0.196	0.390				-0.185	0.210	0.395	-0.189	0.240	0.429	-0.193	0.308	0.501	0.9000
1.0000	-0.085	0.237	0.322	-0.112	0.202	0.314	-0.198	0.181	0.380				-0.180	0.204	0.384	-0.186	0.227	0.414	-0.191	0.314	0.505	1.0000

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = 0.5°$

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.699 α = -04.15																					
0.0000	0.147	-0.206	-0.352	0.154	-0.376	-0.530	0.201	-0.468	-0.670				0.284	-0.720	-1.004	0.289	-0.789	-1.079	-0.064	-0.693		0.0000
0.0125	0.089	-0.176	-0.265	0.112	-0.318	-0.430	0.155	-0.511	-0.666	0.066	-0.701	-0.767	0.206	-0.787	-0.993	0.243	-0.791	-1.033	0.126			0.0125
0.0250	0.049	-0.162	-0.210	0.080	-0.276	-0.357	0.117	-0.495	-0.612	0.153	-0.412	-0.566	0.150	-0.754	-0.904	0.204	-0.793	-0.996	0.231			0.0250
0.0420																				-0.667		0.0420
0.0500	0.022	-0.178	-0.200	0.050	-0.240	-0.290	0.067	-0.286	-0.352		-0.356		0.100	-0.390	-0.489	0.149	-0.798	-0.947	0.188			0.0500
0.0640																				-0.662		0.0640
0.0750	0.024	-0.192	-0.215	0.031	-0.224	-0.255	0.046	-0.271	-0.317	0.030	-0.324	-0.354	0.065	-0.336	-0.401	0.114	-0.796	-0.909	0.163			0.0750
0.0810																				-0.662		0.0810
0.1000	0.010	-0.197	-0.207	0.019	-0.226	-0.245	0.026	-0.257	-0.282	0.035	-0.297	-0.332	0.045	-0.313	-0.359	0.092	-0.778	-0.870	0.137	-0.663	-0.800	0.1000
0.1500	0.005	-0.192	-0.198	0.003	-0.216	-0.219	0.010	-0.243	-0.253	0.017	-0.281	-0.297	0.021	-0.283	-0.303	0.061	-0.635	-0.696	0.112	-0.663	-0.775	0.1500
0.2000	-0.003	-0.204	-0.200	0.001	-0.210	-0.211	0.005	-0.223	-0.228	0.002			0.010	-0.268	-0.279	0.044	-0.444	-0.489	0.101	-0.665	-0.766	0.2000
0.3000	-0.010	-0.217	-0.207	-0.013	-0.211	-0.198	-0.011	-0.221	-0.210				0.002	-0.242	-0.244	0.026	-0.252	-0.278	0.064	-0.680	-0.744	0.3000
0.4000	-0.024	-0.215	-0.192	-0.018	-0.206	-0.187	-0.014	-0.210	-0.197				-0.006	-0.216	-0.211	0.026	-0.227	-0.253	0.040	-0.671	-0.711	0.4000
0.5000	-0.021	-0.204	-0.182	-0.018	-0.198	-0.179	-0.011	-0.197	-0.186				-0.002	-0.199	-0.196	0.022	-0.214	-0.236	0.026	-0.619	-0.645	0.5000
0.6000	-0.009	-0.184	-0.175	-0.006	-0.179	-0.173	-0.006	-0.178	-0.171				0.002	-0.176	-0.178	0.013	-0.197	-0.209	0.014	-0.534	-0.548	0.6000
0.7000	0.001	-0.150	-0.151	0.003	-0.158	-0.161	0.001	-0.150	-0.151				0.003	-0.148	-0.151	0.007	-0.165	-0.173	0.003	-0.429	-0.432	0.7000
0.8000	0.001	-0.130	-0.131	0.004	-0.123	-0.127	0.001	-0.118	-0.119				0.003	-0.108	-0.111	-0.001	-0.115	-0.114	-0.002	-0.263	-0.261	0.8000
0.9000	0.001	-0.075	-0.076	0.004	-0.064	-0.068	0.006	-0.065	-0.072				0.017	-0.052	-0.069	0.006	-0.072	-0.078	-0.027	-0.141	-0.114	0.9000
1.0000	0.001	0.014	0.013	0.003	0.020	0.017	0.018	0.007	-0.011				0.045	0.022	-0.022	0.029	-0.037	-0.066	-0.072	-0.063	0.009	1.0000
	M = 0.700 α = -00.05																					
0.0000	0.098	-0.049	-0.147	0.025	-0.072	-0.097	0.010	-0.082	-0.091				-0.029	-0.052	-0.023	-0.032	-0.057	-0.025	-0.008	-0.043		0.0000
0.0125	0.026	-0.047	-0.073	-0.016	-0.078	-0.062	-0.033	-0.088	-0.056	-0.058	-0.079	-0.021	-0.071	-0.076	-0.004	-0.067	-0.087	-0.020	-0.037			0.0125
0.0250	-0.024	-0.049	-0.025	-0.045	-0.083	-0.038	-0.065	-0.094	-0.029	-0.087	-0.085	0.002	-0.100	-0.095	0.005	-0.094	-0.109	-0.016	-0.062			0.0250
0.0420																				-0.134		0.0420
0.0500	-0.056	-0.066	-0.010	-0.069	-0.091	-0.022	-0.099	-0.102	-0.004		-0.112		-0.115	-0.116	-0.002	-0.122	-0.133	-0.012	-0.104			0.0500
0.0640																				-0.149		0.0640
0.0750	-0.057	-0.075	-0.017	-0.084	-0.094	-0.010	-0.105	-0.109	-0.005	-0.111	-0.116	-0.005	-0.122	-0.119	0.003	-0.132	-0.140	-0.009	-0.109			0.0750
0.0810																				-0.145		0.0810
0.1000	-0.074	-0.080	-0.006	-0.091	-0.101	-0.010	-0.113	-0.113	-0.001	-0.125	-0.120	0.005	-0.126	-0.122	0.004	-0.130	-0.140	-0.010	-0.111	-0.140	-0.029	0.1000
0.1500	-0.085	-0.079	0.006	-0.099	-0.101	-0.002	-0.113	-0.117	-0.004	-0.124	-0.121	0.002	-0.123	-0.124	-0.001	-0.128	-0.134	-0.006	-0.112	-0.139	-0.027	0.1500
0.2000	-0.087	-0.087	0.001	-0.095	-0.101	-0.006	-0.108	-0.104	0.004	-0.122			-0.117	-0.124	-0.007	-0.124	-0.135	-0.011	-0.111	-0.136	-0.026	0.2000
0.3000	-0.098	-0.101	-0.003	-0.102	-0.104	-0.002	-0.111	-0.120	-0.009				-0.114	-0.121	-0.007	-0.103	-0.134	-0.030	-0.106	-0.136	-0.030	0.3000
0.4000	-0.105	-0.106	-0.002	-0.095	-0.105	-0.011	-0.097	-0.115	-0.018				-0.099	-0.115	-0.017	-0.094	-0.131	-0.038	-0.101	-0.130	-0.030	0.4000
0.5000	-0.091	-0.106	-0.015	-0.086	-0.108	-0.022	-0.085	-0.109	-0.024				-0.082	-0.110	-0.027	-0.083	-0.115	-0.032	-0.088	-0.116	-0.028	0.5000
0.6000	-0.068	-0.101	-0.033	-0.064	-0.104	-0.040	-0.068	-0.103	-0.035				-0.056	-0.101	-0.045	-0.070	-0.105	-0.035	-0.078	-0.105	-0.027	0.6000
0.7000	-0.045	-0.083	-0.038	-0.045	-0.095	-0.050	-0.048	-0.091	-0.043				-0.045	-0.089	-0.044	-0.061	-0.089	-0.028	-0.069	-0.091	-0.022	0.7000
0.8000	-0.031	-0.079	-0.048	-0.026	-0.077	-0.051	-0.033	-0.075	-0.042				-0.033	-0.068	-0.035	-0.038	-0.068	-0.030	-0.057	-0.070	-0.013	0.8000
0.9000	-0.016	-0.043	-0.027	-0.009	-0.035	-0.026	-0.013	-0.036	-0.023				0.000	-0.027	-0.027	-0.020	-0.035	-0.015	-0.039	-0.040	-0.001	0.9000
1.0000	0.001	0.025	0.024	0.006	0.032	0.026	0.011	0.024	0.013				0.053	0.034	-0.019	-0.006	0.011	0.017	-0.016		0.016	1.0000
	M = 0.695 α = 03.96																					
0.0000	-0.059	0.088	0.147	-0.284	0.145	0.429	-0.715	0.215	0.930				-0.732	0.274	1.006	-0.836	0.223	1.059	-0.655	0.008		0.0000
0.0125	-0.100	0.062	0.162	-0.254	0.103	0.357	-0.472	0.154	0.625	-0.674	0.184	0.858	-0.741	0.208	0.949	-0.850	0.234	1.084	-0.660			0.0125
0.0250	-0.131	0.042	0.173	-0.232	0.072	0.304	-0.316	0.109	0.425	-0.526	0.130	0.656	-0.685	0.157	0.842	-0.854	0.228	1.083	-0.663			0.0250
0.0420																				0.174		0.0420
0.0500	-0.159	0.022	0.181	-0.214	0.044	0.258	-0.270	0.070	0.340		0.082		-0.374	0.103	0.477	-0.831	0.165	0.997	-0.664			0.0500
0.0640																				0.183		0.0640
0.0750	-0.167	0.016	0.182	-0.211	0.031	0.243	-0.255	0.046	0.301	-0.304	0.049	0.352	-0.335	0.072	0.407	-0.761	0.124	0.885	-0.667			0.0750
0.0810																				0.153		0.0810
0.1000	-0.186	0.013	0.199	-0.213	0.021	0.234	-0.248	0.033	0.281	-0.305	0.033	0.338	-0.310	0.051	0.361	-0.605	0.089	0.694	-0.669	0.138	0.808	0.1000
0.1500	-0.202	0.014	0.217	-0.214	0.015	0.230	-0.228	0.014	0.242	-0.270	0.011	0.281	-0.282	0.029	0.311	-0.402	0.061	0.464	-0.671	0.110	0.781	0.1500
0.2000	-0.204	0.008	0.212	-0.208	0.010	0.217	-0.212	0.016	0.228	-0.250			-0.252	0.011	0.263	-0.299	0.045	0.344	-0.668	0.084	0.752	0.2000
0.3000	-0.213	-0.011	0.202	-0.203	-0.009	0.194	-0.204	-0.010	0.194				-0.219	-0.003	0.217	-0.239	0.010	0.248	-0.658	0.047	0.705	0.3000
0.4000	-0.204	-0.023	0.180	-0.189	-0.020	0.169	-0.184	-0.023	0.161				-0.191	-0.012	0.178	-0.202	0.000	0.202	-0.622	0.027	0.649	0.4000
0.5000	-0.179	-0.032	0.147	-0.167	-0.030	0.137	-0.161	-0.029	0.132				-0.160	-0.021	0.138	-0.170	-0.005	0.164	-0.505	0.016	0.521	0.5000
0.6000	-0.142	-0.033	0.109	-0.131	-0.035	0.096	-0.133	-0.032	0.101				-0.127	-0.028	0.099	-0.150	-0.016	0.134	-0.365	0.000	0.365	0.6000
0.7000	-0.104	-0.023	0.080	-0.098	-0.039	0.059	-0.095	-0.034	0.061				-0.099	-0.030	0.069	-0.122	-0.019	0.102	-0.226	-0.004	0.222	0.7000
0.8000	-0.068	-0.037	0.031	-0.062	-0.034	0.028	-0.063	-0.030	0.034				-0.068	-0.024	0.044	-0.078	-0.018	0.060	-0.153	-0.005	0.148	0.8000
0.9000	-0.031	-0.017	0.014	-0.028	-0.009	0.018	-0.027	-0.008	0.019				-0.022	0.001	0.023	-0.035	-0.010	0.025	-0.059	-0.004	0.055	0.9000
1.0000	0.007	0.035	0.028	0.004	0.035	0.030	0.015	0.032	0.018				0.037	0.044	0.007	0.006	0.005	-0.001	0.056	-0.001	-0.057	1.0000

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = 0.5°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 0.700			α = 07.86										
0.0000	-0.625	0.220	0.845	-0.864	0.232	1.096	-0.968	0.247	1.215				-0.979	0.227	1.206	-0.893	0.166	1.059	-0.664	0.233		0.0000
0.0125	-0.468	0.203	0.671	-0.907	0.222	1.129	-1.025	0.242	1.267	-1.033	0.231	1.265	-0.980	0.253	1.233	-0.875	0.230	1.104	-0.662			0.0125
0.0250	-0.369	0.188	0.556	-0.838	0.209	1.047	-1.078	0.233	1.311	-1.042	0.248	1.290	-0.991	0.263	1.254	-0.864	0.267	1.131	-0.660			0.0250
0.0420																				0.264		0.0420
0.0500	-0.345	0.157	0.501	-0.362	0.180	0.542	-1.176	0.203	1.378		0.213		-1.043	0.230	1.274	-0.866	0.264	1.130	-0.654			0.0500
0.0640																				0.262		0.0640
0.0750	-0.322	0.142	0.464	-0.380	0.159	0.539	-0.374	0.177	0.552	-1.368	0.179	1.547	-1.235	0.206	1.442	-0.880	0.243	1.122	-0.654			0.0750
0.0810																				0.251		0.0810
0.1000	-0.334	0.130	0.464	-0.368	0.142	0.510	-0.309	0.159	0.468	-1.120	0.164	1.283	-1.333	0.181	1.515	-0.893	0.218	1.110	-0.651	0.241	0.892	0.1000
0.1500	-0.343	0.122	0.465	-0.353	0.127	0.480	-0.351	0.133	0.485	-0.257	0.135	0.392	-1.156	0.152	1.308	-0.918	0.180	1.098	-0.645	0.218	0.863	0.1500
0.2000	-0.329	0.108	0.436	-0.339	0.112	0.451	-0.334	0.126	0.461	-0.298			-0.425	0.128	0.553	-0.988	0.165	1.153	-0.634	0.193	0.827	0.2000
0.3000	-0.331	0.082	0.413	-0.325	0.086	0.410	-0.321	0.088	0.408				-0.239	0.097	0.336	-1.175	0.118	1.293	-0.634	0.152	0.786	0.3000
0.4000	-0.310	0.062	0.373	-0.298	0.062	0.360	-0.284	0.067	0.351				-0.242	0.080	0.322	-1.150	0.096	1.247	-0.630	0.122	0.752	0.4000
0.5000	-0.272	0.046	0.318	-0.262	0.047	0.309	-0.247	0.049	0.296				-0.215	0.058	0.272	-0.931	0.078	1.009	-0.597	0.090	0.687	0.5000
0.6000	-0.217	0.034	0.251	-0.210	0.032	0.243	-0.200	0.036	0.235				-0.174	0.039	0.213	-0.470	0.060	0.530	-0.583	0.060	0.643	0.6000
0.7000	-0.165	0.033	0.198	-0.164	0.019	0.183	-0.151	0.024	0.175				-0.132	0.027	0.160	-0.124	0.043	0.167	-0.601	0.027	0.627	0.7000
0.8000	-0.117	0.005	0.122	-0.111	0.009	0.120	-0.103	0.013	0.116				-0.090	0.020	0.110	0.002	0.016	0.014	-0.643	-0.006	0.637	0.8000
0.9000	-0.058	0.008	0.067	-0.054	0.018	0.072	-0.046	0.021	0.067				-0.025	0.029	0.053	0.055	0.016	-0.039	-0.645	-0.075	0.570	0.9000
1.0000	0.011	0.043	0.031	0.007	0.045	0.038	0.021	0.047	0.026				0.063	0.053	-0.010	0.036	0.041	0.005	-0.608	-0.181	0.427	1.0000
									M = 0.698			α = 11.96										
0.0000	-2.111	0.261	2.372	-1.061	0.204	1.265	-1.333	0.131	1.465				-1.250	0.067	1.317	-1.102	-0.020	1.082	-0.825	0.191		0.0000
0.0125	-1.266	0.300	1.566	-1.360	0.266	1.626	-1.319	0.236	1.555	-1.321	0.180	1.502	-1.267	0.209	1.477	-1.088	0.145	1.233	-0.825			0.0125
0.0250	-0.719	0.319	1.038	-1.567	0.301	1.869	-1.345	0.299	1.645	-1.332	0.282	1.615	-1.279	0.298	1.577	-1.080	0.254	1.334	-0.824			0.0250
0.0420																				0.258		0.0420
0.0500	-0.525	0.294	0.818	-1.711	0.293	2.003	-1.517	0.300	1.817		0.296		-1.287	0.315	1.602	-1.085	0.304	1.389	-0.816			0.0500
0.0640																				0.278		0.0640
0.0750	-0.490	0.272	0.763	-0.560	0.275	0.836	-1.573	0.282	1.856	-1.423	0.281	1.704	-1.320	0.306	1.626	-1.091	0.308	1.400	-0.815			0.0750
0.0810																				0.286		0.0810
0.1000	-0.493	0.255	0.748	-0.474	0.257	0.731	-1.579	0.270	1.849	-1.540	0.272	1.811	-1.341	0.284	1.625	-1.095	0.295	1.390	-0.805	0.287	1.093	0.1000
0.1500	-0.493	0.238	0.731	-0.484	0.235	0.719	-0.721	0.239	0.960	-1.684	0.241	1.925	-1.589	0.256	1.845	-1.131	0.268	1.400	-0.799	0.282	1.081	0.1500
0.2000	-0.473	0.217	0.690	-0.468	0.221	0.688	-0.463	0.229	0.692	-1.123			-1.773	0.231	2.004	-1.137	0.248	1.385	-0.784	0.261	1.045	0.2000
0.3000	-0.464	0.181	0.645	-0.444	0.182	0.626	-0.426	0.182	0.608				-0.903	0.192	1.095	-1.142	0.228	1.369	-0.747	0.224	0.971	0.3000
0.4000	-0.426	0.155	0.582	-0.409	0.154	0.563	-0.384	0.153	0.537				-0.401	0.166	0.567	-1.283	0.174	1.457	-0.729	0.182	0.911	0.4000
0.5000	-0.372	0.129	0.501	-0.359	0.126	0.485	-0.337	0.131	0.468				-0.288	0.137	0.426	-1.624	0.148	1.773	-0.699	0.152	0.851	0.5000
0.6000	-0.304	0.110	0.414	-0.295	0.104	0.399	-0.286	0.108	0.394				-0.233	0.110	0.343	-1.479	0.116	1.595	-0.639	0.100	0.738	0.6000
0.7000	-0.246	0.096	0.342	-0.241	0.079	0.320	-0.227	0.084	0.311				-0.178	0.083	0.261	-1.095	0.092	1.186	-0.569	0.058	0.628	0.7000
0.8000	-0.184	0.056	0.239	-0.171	0.058	0.229	-0.157	0.060	0.217				-0.116	0.062	0.178	-0.701	0.048	0.749	-0.508	0.008	0.516	0.8000
0.9000	-0.098	0.039	0.137	-0.087	0.047	0.134	-0.079	0.048	0.126				-0.034	0.052	0.086	-0.353	0.007	0.360	-0.450	-0.080	0.370	0.9000
1.0000	0.012	0.047	0.035	0.009	0.046	0.037	0.008	0.048	0.040				0.068	0.054	-0.014	-0.050	-0.032	0.018	-0.395	-0.206	0.189	1.0000
									M = 0.699			α = 15.97										
0.0000	-0.991	0.232	1.223	-1.605	0.088	1.693	-1.686	-0.048	1.638				-1.520	-0.134	1.386	-1.441	-0.198	1.243	-1.063	0.051		0.0000
0.0125	-1.888	0.346	2.234	-1.704	0.242	1.946	-1.664	0.169	1.833	-1.596	0.072	1.669	-1.527	0.112	1.639	-1.411	-0.017	1.395	-1.029			0.0125
0.0250	-2.167	0.412	2.580	-1.763	0.339	2.103	-1.663	0.308	1.972	-1.591	0.265	1.856	-1.533	0.273	1.806	-1.394	0.117	1.511	-1.009			0.0250
0.0420																				0.190		0.0420
0.0500	-0.874	0.402	1.276	-1.763	0.366	2.129	-1.724	0.353	2.078		0.334		-1.546	0.336	1.882	-1.400	0.239	1.639	-1.007			0.0500
0.0640																				0.237		0.0640
0.0750	-0.719	0.379	1.098	-1.891	0.360	2.251	-1.747	0.352	2.099	-1.815	0.338	2.154	-1.658	0.353	2.011	-1.398	0.283	1.681	-0.999			0.0750
0.0810																				0.261		0.0810
0.1000	-0.738	0.359	1.097	-1.687	0.343	2.030	-1.951	0.347	2.298	-1.774	0.338	2.112	-1.721	0.348	2.069	-1.390	0.315	1.705	-0.984	0.270	1.254	0.1000
0.1500	-0.732	0.332	1.065	-0.870	0.321	1.190	-1.905	0.319	2.223	-1.824	0.323	2.147	-1.667	0.327	1.993	-1.389	0.313	1.702	-0.953	0.269	1.221	0.1500
0.2000	-0.666	0.307	0.973	-0.708	0.303	1.011	-1.257	0.307	1.565	-2.043			-1.650	0.303	1.952	-1.436	0.293	1.729	-0.931	0.273	1.203	0.2000
0.3000	-0.657	0.260	0.917	-0.652	0.260	0.912	-0.745	0.258	1.003				-1.869	0.261	2.131	-1.463	0.258	1.721	-0.902	0.239	1.141	0.3000
0.4000	-0.618	0.230	0.847	-0.606	0.226	0.832	-0.621	0.224	0.845				-1.267	0.229	1.496	-1.391	0.217	1.608	-0.856	0.212	1.068	0.4000
0.5000	-0.551	0.195	0.747	-0.538	0.191	0.729	-0.536	0.192	0.728				-0.820	0.194	1.014	-1.300	0.191	1.491	-0.826	0.167	0.993	0.5000
0.6000	-0.469	0.167	0.635	-0.458	0.158	0.616	-0.456	0.157	0.613				-0.565	0.158	0.723	-1.268	0.148	1.416	-0.808	0.112	0.920	0.6000
0.7000	-0.392	0.142	0.535	-0.385	0.121	0.506	-0.372	0.123	0.495				-0.403	0.120	0.524	-1.472	0.094	1.566	-0.743	0.062	0.805	0.7000
0.8000	-0.305	0.086	0.391	-0.297	0.083	0.380	-0.279	0.082	0.361				-0.282	0.081	0.362	-1.581	0.042	1.623	-0.666	0.004	0.670	0.8000
0.9000	-0.190	0.046	0.236	-0.183	0.051	0.234	-0.171	0.048	0.220				-0.163	0.040	0.203	-1.304	-0.034	1.270	-0.565	-0.108	0.457	0.9000
1.0000	-0.047	0.024	0.070	-0.044	0.025	0.070	-0.048	0.022	0.070				-0.046	-0.001	0.045	-0.642	-0.134	0.508	-0.441	-0.275	0.166	1.0000

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = 0.5°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
										M = 1.302			α = -03.95									
0.0000	0.212	-0.034	-0.245	0.199	-0.135	-0.334	0.239	-0.266	-0.505				0.308	-0.358	-0.666	0.336	-0.504	-0.840	0.341	-0.610		0.0000
0.0125	0.157	-0.023	-0.180	0.142	-0.119	-0.260	0.184	-0.224	-0.407	0.207	-0.299	-0.506	0.229	-0.338	-0.566	0.258	-0.480	-0.739	0.275			0.0125
0.0250	0.116	-0.020	-0.135	0.105	-0.109	-0.214	0.142	-0.190	-0.333	0.159	-0.275	-0.434	0.171	-0.325	-0.496	0.204	-0.464	-0.668	0.226			0.0250
0.0420																				-0.562		0.0420
0.0500	0.073	-0.034	-0.106	0.096	-0.111	-0.207	0.103	-0.152	-0.255		-0.265		0.122	-0.322	-0.444	0.165	-0.456	-0.621	0.178			0.0500
0.0640																				-0.553		0.0640
0.0750	0.071	-0.066	-0.137	0.065	-0.106	-0.171	0.085	-0.137	-0.222	0.084	-0.159	-0.244	0.096	-0.234	-0.331	0.121	-0.466	-0.587	0.147			0.0750
0.0810																				-0.554		0.0810
0.1000	0.054	-0.077	-0.131	0.063	-0.106	-0.169	0.072	-0.125	-0.198	0.067	-0.144	-0.211	0.080	-0.154	-0.234	0.096	-0.459	-0.554	0.126	-0.557	-0.683	0.1000
0.1500	0.050	-0.081	-0.131	0.045	-0.106	-0.150	0.050	-0.126	-0.176	0.055	-0.142	-0.197	0.059	-0.157	-0.216	0.077	-0.370	-0.447	0.105	-0.565	-0.670	0.1500
0.2000	0.033	-0.096	-0.129	0.045	-0.102	-0.146	0.045	-0.067	-0.112	0.042			0.055	-0.151	-0.206	0.062	-0.251	-0.313	0.084	-0.562	-0.646	0.2000
0.3000	0.042	-0.099	-0.141	0.033	-0.104	-0.137	0.040	-0.118	-0.158				0.052	-0.146	-0.198	0.053	-0.206	-0.259	0.062	-0.507	-0.569	0.3000
0.4000	0.021	-0.110	-0.130	0.030	-0.109	-0.139	0.036	-0.120	-0.155				0.037	-0.130	-0.166	0.035	-0.194	-0.229	0.037	-0.414	-0.450	0.4000
0.5000	0.031	-0.122	-0.152	0.031	-0.125	-0.156	0.030	-0.123	-0.154				0.024	-0.147	-0.171	0.033	-0.193	-0.226	0.028	-0.321	-0.349	0.5000
0.6000	0.029	-0.125	-0.155	0.016	-0.132	-0.148	0.013	-0.135	-0.147				0.016	-0.141	-0.157	0.022	-0.179	-0.200	0.017	-0.272	-0.290	0.6000
0.7000	0.011	-0.123	-0.134	0.003	-0.136	-0.139	0.008	-0.135	-0.143				0.011	-0.148	-0.160	0.014	-0.179	-0.193	0.011	-0.246	-0.257	0.7000
0.8000	-0.003	-0.152	-0.149	-0.007	-0.146	-0.139	-0.008	-0.143	-0.135				-0.004	-0.148	-0.144	0.009	-0.180	-0.190	0.004	-0.225	-0.229	0.8000
0.9000	0.062	-0.142	-0.204	0.062	-0.142	-0.204	0.060	-0.147	-0.207				0.046	-0.144	-0.190	-0.005	-0.171	-0.166		-0.203	-0.203	0.9000
1.0000	0.207	-0.092	-0.299	0.212	-0.124	-0.336	0.213	-0.146	-0.359				0.161	-0.137	-0.298	-0.030	-0.152	-0.122	-0.003	-0.182	-0.179	1.0000
										M = 1.300			α = 00.15									
0.0000	0.154	0.053	-0.101	0.134	0.026	-0.108	0.098	0.016	-0.082				0.067	0.047	-0.020	0.028	-0.018	-0.046	-0.133	-0.162		0.0000
0.0125	0.119	0.049	-0.070	0.074	0.014	-0.060	0.064	0.002	-0.062	-0.010	0.024	0.034	0.016	0.016	-0.001	-0.010	-0.018	-0.008	-0.081			0.0125
0.0250	0.088	0.044	-0.044	0.034	0.004	-0.030	0.035	-0.008	-0.043	0.008	-0.007	-0.015	-0.017	-0.007	0.010	-0.036	-0.023	0.013	-0.057			0.0250
0.0420																				-0.093		0.0420
0.0500	0.034	0.030	-0.004	0.013	-0.013	-0.026	-0.014	-0.020	-0.006		-0.036		-0.031	-0.027	0.004	-0.050	-0.048	0.002	-0.095			0.0500
0.0640																				-0.082		0.0640
0.0750	0.022	0.010	-0.011	-0.005	-0.023	-0.019	-0.016	-0.026	-0.010	-0.021	-0.042	-0.021	-0.045	-0.030	0.015	-0.073	-0.069	0.004	-0.109			0.0750
0.0810																				-0.085		0.0810
0.1000	0.007	-0.002	-0.009	-0.008	-0.033	-0.025	-0.031	-0.029	0.002	-0.045	-0.040	0.005	-0.057	-0.036	0.021	-0.090	-0.075	0.015	-0.115	-0.087	0.027	0.1000
0.1500	-0.002	-0.017	-0.015	-0.026	-0.022	0.004	-0.043	-0.032	0.011	-0.054	-0.035	0.019	-0.060	-0.047	0.013	-0.090	-0.081	0.009	-0.118	-0.086	0.032	0.1500
0.2000	-0.023	-0.008	0.015	-0.032	-0.019	0.013	-0.040	0.009	0.049	-0.057			-0.058	-0.047	0.011	-0.084	-0.074	0.010	-0.119	-0.097	0.021	0.2000
0.3000	-0.028	-0.020	0.008	-0.041	-0.024	0.018	-0.051	-0.039	0.013				-0.052	-0.052	0.000	-0.089	-0.073	0.015	-0.108	-0.109	-0.001	0.3000
0.4000	-0.050	-0.033	0.016	-0.041	-0.036	0.006	-0.042	-0.047	-0.004				-0.054	-0.049	0.005	-0.079	-0.085	-0.006	-0.114	-0.117	-0.003	0.4000
0.5000	-0.041	-0.047	-0.006	-0.041	-0.052	-0.011	-0.041	-0.053	-0.012				-0.063	-0.068	-0.005	-0.076	-0.089	-0.012	-0.115	-0.118	-0.003	0.5000
0.6000	-0.034	-0.053	-0.019	-0.049	-0.061	-0.012	-0.056	-0.065	-0.009				-0.064	-0.068	-0.004	-0.081	-0.096	-0.015	-0.118	-0.118		0.6000
0.7000	-0.046	-0.057	-0.011	-0.056	-0.070	-0.014	-0.053	-0.071	-0.018				-0.067	-0.078	-0.011	-0.078	-0.095	-0.018	-0.118	-0.113	0.005	0.7000
0.8000	-0.081	-0.085	-0.004	-0.081	-0.084	-0.003	-0.080	-0.077	0.004				-0.077	-0.081	-0.004	-0.083	-0.094	-0.011	-0.117	-0.117	0.001	0.8000
0.9000	-0.018	-0.085	-0.067	-0.020	-0.084	-0.064	-0.029	-0.088	-0.059				-0.081	-0.083	-0.002	-0.089	-0.092	-0.003	-0.112	-0.111	0.001	0.9000
1.0000	0.141	-0.057	-0.197	0.127	-0.070	-0.197	0.099	-0.106	-0.205				-0.078	-0.083	-0.005	-0.095	-0.090	0.004	-0.102	-0.095	0.007	1.0000
										M = 1.303			α = 04.06									
0.0000	0.063	0.136	0.073	-0.028	0.156	0.185	-0.197	0.241	0.438				-0.354	0.290	0.644	-0.841	0.303	0.843	-0.612	0.249		0.0000
0.0125	0.046	0.099	0.053	-0.052	0.120	0.172	-0.167	0.179	0.346	-0.285	0.216	0.501	-0.334	0.228	0.562	-0.498	0.255	0.752	-0.574			0.0125
0.0250	0.027	0.074	0.047	-0.067	0.094	0.162	-0.145	0.134	0.279	-0.282	0.156	0.438	-0.322	0.182	0.503	-0.470	0.215	0.685	-0.549			0.0250
0.0420																				0.188		0.0420
0.0500	-0.017	0.059	0.076	-0.073	0.075	0.148	-0.127	0.098	0.225		0.112		-0.319	0.136	0.455	-0.459	0.159	0.618	-0.539			0.0500
0.0640																				0.161		0.0640
0.0750	-0.037	0.048	0.085	-0.085	0.061	0.146	-0.120	0.082	0.202	-0.167	0.088	0.255	-0.200	0.114	0.314	-0.459	0.122	0.581	-0.534			0.0750
0.0810																				0.143		0.0810
0.1000	-0.056	0.051	0.107	-0.094	0.049	0.143	-0.126	0.078	0.204	-0.163	0.082	0.245	-0.172	0.094	0.265	-0.462	0.101	0.563	-0.542	0.130	0.672	0.1000
0.1500	-0.080	0.040	0.120	-0.113	0.059	0.172	-0.124	0.064	0.188	-0.155	0.067	0.222	-0.172	0.063	0.235	-0.413	0.079	0.492	-0.550	0.108	0.659	0.1500
0.2000	-0.110	0.051	0.161	-0.113	0.067	0.180	-0.118	0.088	0.206	-0.139			-0.157	0.061	0.219	-0.275	0.073	0.349	-0.555	0.086	0.641	0.2000
0.3000	-0.113	0.045	0.158	-0.123	0.049	0.172	-0.127	0.044	0.171				-0.140	0.039	0.179	-0.218	0.035	0.253	-0.519	0.060	0.578	0.3000
0.4000	-0.131	0.033	0.164	-0.121	0.034	0.154	-0.118	0.029	0.147				-0.137	0.044	0.181	-0.190	0.021	0.211	-0.464	0.043	0.507	0.4000
0.5000	-0.119	0.019	0.138	-0.116	0.014	0.130	-0.114	0.019	0.133				-0.137	0.006	0.142	-0.178	0.015	0.193	-0.369	0.030	0.399	0.5000
0.6000	-0.107	0.011	0.118	-0.120	0.004	0.124	-0.126	0.004	0.130				-0.134	0.006	0.140	-0.167	-0.004	0.163	-0.269	0.015	0.283	0.6000
0.7000	-0.117	0.008	0.125	-0.127	-0.007	0.120	-0.124	-0.008	0.116				-0.130	-0.005	0.125	-0.162	0.006	0.167	-0.249	0.006	0.255	0.7000
0.8000	-0.143	-0.019	0.125	-0.144	-0.016	0.128	-0.143	-0.011	0.132				-0.144	-0.010	0.133	-0.159	-0.007	0.152	-0.226	0.003	0.229	0.8000
0.9000	-0.086	-0.022	0.064	-0.095	-0.016	0.079	-0.106	-0.015	0.091				-0.135	-0.012	0.124	-0.162	-0.022	0.139	-0.217	0.015	0.232	0.9000
1.0000	0.057	-0.002	-0.058	0.020	-0.007	-0.027	-0.012	-0.020	-0.007				-0.105	-0.009	0.096	-0.170	-0.039	0.131	-0.223	0.042	0.265	1.0000

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = 0.5°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 1.302 α = 08.06																					
0.0000	-0.248	0.270	0.518	-0.245	0.299	0.544	-0.470	0.336	0.806				-0.507	0.372	0.879	-0.540	0.355	0.895	-0.518	0.382		0.0000
0.0125	-0.191	0.237	0.428	-0.354	0.259	0.613	-0.468	0.287	0.756	-0.497	0.312	0.809	-0.500	0.335	0.835	-0.523	0.340	0.863	-0.524			0.0125
0.0250	-0.154	0.212	0.366	-0.379	0.227	0.606	-0.473	0.252	0.725	-0.503	0.277	0.781	-0.497	0.304	0.800	-0.512	0.325	0.837	-0.527			0.0250
0.0420																				0.313		0.0420
0.0500	-0.141	0.183	0.325	-0.176	0.191	0.367	-0.501	0.219	0.720		0.234		-0.502	0.256	0.758	-0.512	0.294	0.805	-0.525			0.0500
0.0640																				0.294		0.0640
0.0750	-0.145	0.157	0.302	-0.184	0.167	0.351	-0.398	0.200	0.598	-0.492	0.203	0.695	-0.510	0.230	0.740	-0.514	0.256	0.770	-0.526			0.0750
0.0810																				0.288		0.0810
0.1000	-0.147	0.148	0.295	-0.188	0.155	0.343	-0.225	0.184	0.409	-0.464	0.190	0.654	-0.507	0.207	0.714	-0.514	0.242	0.756	-0.526	0.273	0.800	0.1000
0.1500	-0.164	0.138	0.302	-0.188	0.157	0.345	-0.189	0.158	0.347	-0.406	0.164	0.571	-0.469	0.184	0.652	-0.526	0.214	0.740	-0.527	0.254	0.782	0.1500
0.2000	-0.184	0.138	0.322	-0.186	0.150	0.336	-0.189	0.179	0.368	-0.305			-0.455	0.169	0.624	-0.524	0.186	0.710	-0.533	0.223	0.756	0.2000
0.3000	-0.172	0.131	0.303	-0.182	0.133	0.315	-0.189	0.133	0.322				-0.354	0.150	0.504	-0.523	0.159	0.682	-0.530	0.194	0.724	0.3000
0.4000	-0.190	0.125	0.315	-0.179	0.122	0.301	-0.183	0.120	0.303				-0.145	0.126	0.271	-0.516	0.137	0.654	-0.536	0.164	0.700	0.4000
0.5000	-0.173	0.106	0.279	-0.172	0.104	0.277	-0.177	0.102	0.279				-0.170	0.106	0.276	-0.509	0.125	0.634	-0.538	0.162	0.700	0.5000
0.6000	-0.163	0.092	0.255	-0.178	0.090	0.268	-0.185	0.091	0.276				-0.173	0.097	0.270	-0.512	0.115	0.627	-0.540	0.154	0.693	0.6000
0.7000	-0.174	0.092	0.267	-0.182	0.083	0.265	-0.184	0.091	0.276				-0.181	0.094	0.275	-0.506	0.100	0.606	-0.542	0.141	0.683	0.7000
0.8000	-0.193	0.068	0.261	-0.195	0.070	0.265	-0.200	0.072	0.272				-0.190	0.088	0.278	-0.494	0.104	0.598	-0.543	0.120	0.664	0.8000
0.9000	-0.165	0.088	0.254	-0.166	0.096	0.262	-0.174	0.093	0.267				-0.195	0.095	0.290	-0.454	0.081	0.535	-0.521	0.125	0.646	0.9000
1.0000	-0.091	0.154	0.244	-0.094	0.161	0.255	-0.106	0.156	0.262				-0.198	0.113	0.310	-0.383	0.032	0.415	-0.475	0.154	0.629	1.0000
	M = 1.301 α = 12.06																					
0.0000	-0.429	0.385	0.814	-0.563	0.344	0.907	-0.573	0.371	0.944				-0.571	0.369	0.940	-0.557	0.360	0.917	-0.554	0.365		0.0000
0.0125	-0.494	0.359	0.853	-0.565	0.338	0.902	-0.576	0.362	0.938	-0.588	0.364	0.952	-0.569	0.380	0.949	-0.548	0.378	0.926	-0.564			0.0125
0.0250	-0.496	0.335	0.832	-0.571	0.328	0.899	-0.579	0.351	0.930	-0.590	0.364	0.953	-0.567	0.382	0.949	-0.543	0.388	0.931	-0.569			0.0250
0.0420																				0.393		0.0420
0.0500	-0.310	0.294	0.605	-0.600	0.297	0.897	-0.589	0.319	0.908		0.332		-0.566	0.355	0.920	-0.549	0.384	0.932	-0.568			0.0500
0.0640																				0.391		0.0640
0.0750	-0.257	0.261	0.519	-0.611	0.287	0.898	-0.612	0.296	0.908	-0.592	0.314	0.907	-0.569	0.332	0.901	-0.550	0.364	0.913	-0.569			0.0750
0.0810																				0.382		0.0810
0.1000	-0.251	0.250	0.501	-0.566	0.267	0.832	-0.621	0.281	0.902	-0.611	0.302	0.914	-0.584	0.313	0.897	-0.551	0.347	0.899	-0.572	0.374	0.946	0.1000
0.1500	-0.249	0.248	0.497	-0.238	0.234	0.473	-0.628	0.262	0.889	-0.629	0.272	0.901	-0.607	0.284	0.891	-0.554	0.325	0.878	-0.573	0.358	0.931	0.1500
0.2000	-0.253	0.218	0.471	-0.225	0.248	0.473	-0.518	0.267	0.786	-0.636			-0.623	0.270	0.893	-0.558	0.301	0.859	-0.573	0.336	0.909	0.2000
0.3000	-0.227	0.212	0.440	-0.226	0.224	0.450	-0.217	0.226	0.443				-0.638	0.235	0.873	-0.572	0.275	0.846	-0.574	0.314	0.888	0.3000
0.4000	-0.238	0.207	0.445	-0.232	0.204	0.436	-0.224	0.209	0.433				-0.625	0.220	0.845	-0.600	0.262	0.862	-0.576	0.281	0.856	0.4000
0.5000	-0.231	0.187	0.419	-0.232	0.182	0.414	-0.227	0.191	0.419				-0.419	0.205	0.624	-0.618	0.255	0.873	-0.581	0.252	0.833	0.5000
0.6000	-0.221	0.186	0.408	-0.242	0.184	0.426	-0.242	0.195	0.437				-0.266	0.214	0.480	-0.626	0.217	0.843	-0.584	0.238	0.822	0.6000
0.7000	-0.234	0.208	0.442	-0.243	0.205	0.447	-0.238	0.214	0.453				-0.228	0.202	0.430	-0.639	0.195	0.834	-0.587	0.235	0.822	0.7000
0.8000	-0.252	0.157	0.409	-0.252	0.156	0.409	-0.249	0.158	0.407				-0.226	0.158	0.384	-0.641	0.170	0.810	-0.592	0.217	0.809	0.8000
0.9000	-0.241	0.138	0.380	-0.239	0.142	0.381	-0.242	0.140	0.382				-0.226	0.145	0.370	-0.638	0.156	0.794	-0.534	0.205	0.739	0.9000
1.0000	-0.202	0.152	0.353	-0.202	0.162	0.364	-0.216	0.160	0.376				-0.228	0.162	0.390	-0.631	0.154	0.785	-0.416	0.199	0.614	1.0000
	M = 1.304 α = 16.12																					
0.0000	-0.616	0.445	1.061	-0.631	0.391	1.022	-0.614	0.369	0.983				-0.621	0.363	0.984	-0.609	0.334	0.943	-0.589	0.352		0.0000
0.0125	-0.627	0.455	1.082	-0.625	0.423	1.048	-0.616	0.411	1.028	-0.617	0.398	1.016	-0.614	0.415	1.029	-0.597	0.405	1.001	-0.604			0.0125
0.0250	-0.637	0.455	1.092	-0.627	0.437	1.064	-0.618	0.435	1.053	-0.620	0.437	1.057	-0.610	0.446	1.056	-0.590	0.450	1.040	-0.612			0.0250
0.0420																				0.424		0.0420
0.0500	-0.654	0.428	1.082	-0.655	0.413	1.067	-0.622	0.424	1.046		0.433		-0.611	0.443	1.054	-0.594	0.464	1.058	-0.611			0.0500
0.0640																				0.437		0.0640
0.0750	-0.543	0.400	0.943	-0.688	0.396	1.083	-0.642	0.403	1.045	-0.623	0.408	1.031	-0.613	0.436	1.049	-0.597	0.468	1.065	-0.613			0.0750
0.0810																				0.437		0.0810
0.1000	-0.348	0.372	0.720	-0.680	0.379	1.059	-0.678	0.392	1.071	-0.638	0.402	1.039	-0.616	0.421	1.037	-0.601	0.450	1.050	-0.614	0.438	1.052	0.1000
0.1500	-0.305	0.359	0.664	-0.631	0.352	0.983	-0.692	0.360	1.052	-0.664	0.383	1.047	-0.636	0.397	1.033	-0.609	0.426	1.034	-0.613	0.433	1.046	0.1500
0.2000	-0.313	0.332	0.645	-0.487	0.346	0.833	-0.692	0.377	1.069	-0.683			-0.660	0.378	1.038	-0.606	0.396	1.002	-0.618	0.426	1.044	0.2000
0.3000	-0.295	0.326	0.621	-0.331	0.328	0.659	-0.584	0.334	0.918				-0.686	0.373	1.060	-0.611	0.387	0.998	-0.610	0.403	1.014	0.3000
0.4000	-0.293	0.317	0.610	-0.305	0.322	0.627	-0.418	0.340	0.758				-0.703	0.343	1.045	-0.633	0.347	0.980	-0.619	0.382	1.001	0.4000
0.5000	-0.288	0.326	0.614	-0.298	0.314	0.612	-0.341	0.308	0.649				-0.682	0.304	0.986	-0.655	0.329	0.983	-0.621	0.364	0.985	0.5000
0.6000	-0.279	0.284	0.563	-0.300	0.275	0.574	-0.321	0.279	0.600				-0.627	0.287	0.915	-0.662	0.321	0.984	-0.622	0.336	0.958	0.6000
0.7000	-0.277	0.277	0.554	-0.296	0.264	0.560	-0.306	0.269	0.575				-0.552	0.280	0.832	-0.668	0.308	0.976	-0.625	0.334	0.959	0.7000
0.8000	-0.302	0.254	0.556	-0.309	0.257	0.567	-0.316	0.261	0.577				-0.483	0.272	0.756	-0.684	0.281	0.965	-0.629	0.314	0.943	0.8000
0.9000	-0.290	0.248	0.537	-0.296	0.253	0.549	-0.305	0.250	0.554				-0.411	0.254	0.665	-0.650	0.258	0.909	-0.602	0.312	0.915	0.9000
1.0000	-0.239	0.257	0.496	-0.255	0.251	0.506	-0.272	0.234	0.506				-0.335	0.226	0.562	-0.566	0.240	0.806	-0.545	0.328	0.872	1.0000

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = 0.5°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 2.229 α = -03.65																					
0.0000	0.231	0.017	-0.214	0.208	0.004	-0.204	0.232	-0.019	-0.251				0.290	-0.006	-0.297	0.237	0.009	-0.228	0.301	-0.099		0.0000
0.0125	0.164	0.013	-0.151	0.167	-0.008	-0.175	0.189	-0.031	-0.220	0.191	-0.030	-0.221	0.224	-0.028	-0.252	0.235	-0.009	-0.244	0.243			0.0125
0.0250	0.117	0.008	-0.110	0.135	-0.016	-0.151	0.155	-0.039	-0.194	0.162	-0.046	-0.208	0.175	-0.038	-0.213	0.221	-0.022	-0.242	0.199			0.0250
0.0420																				-0.048		0.0420
0.0500	0.087	-0.002	-0.090	0.099	-0.022	-0.121	0.111	-0.045	-0.157		-0.066		0.132	-0.023	-0.155	0.155	-0.034	-0.189	0.158			0.0500
0.0640																				-0.047		0.0640
0.0750	0.078	-0.010	-0.087	0.083	-0.022	-0.105	0.089	-0.046	-0.136	0.092	-0.066	-0.158	0.104	-0.058	-0.161	0.126	-0.052	-0.178	0.137			0.0750
0.0810																				-0.058		0.0810
0.1000	0.069	-0.010	-0.080	0.074	-0.026	-0.100	0.072	-0.045	-0.117	0.081	-0.065	-0.146	0.084	-0.064	-0.148	0.110	-0.060	-0.171	0.124	-0.057	-0.181	0.1000
0.1500	0.062	-0.015	-0.076	0.057	-0.032	-0.090	0.056	-0.045	-0.101	0.057	-0.063	-0.121	0.062	-0.063	-0.125	0.084	-0.075	-0.159	0.107	-0.060	-0.167	0.1500
0.2000	0.051	-0.021	-0.072	0.050	-0.037	-0.087	0.055	0.077	0.022	0.050			0.053	-0.062	-0.115	0.073	-0.076	-0.149	0.096	-0.064	-0.160	0.2000
0.3000	0.043	-0.041	-0.084	0.041	-0.021	-0.062	0.037	-0.056	-0.093				0.041	-0.063	-0.104	0.057	-0.088	-0.145	0.080	-0.072	-0.152	0.3000
0.4000	0.023	-0.045	-0.069	0.028	-0.051	-0.079	0.026	-0.059	-0.085				0.029	-0.060	-0.089	0.049	-0.095	-0.144	0.055	-0.077	-0.132	0.4000
0.5000	0.020	-0.050	-0.070	0.019	-0.051	-0.069	0.019	-0.061	-0.081				0.020	-0.064	-0.084	0.042	-0.095	-0.137	0.043	-0.087	-0.130	0.5000
0.6000	0.047	-0.056	-0.103	0.015	-0.060	-0.076	0.012	-0.067	-0.080				0.015	-0.070	-0.086	0.031	-0.101	-0.132	0.036	-0.100	-0.136	0.6000
0.7000	0.041	-0.055	-0.096	0.011	-0.058	-0.069	0.011	-0.064	-0.075				0.014	-0.070	-0.084	0.022	-0.097	-0.119	0.031	-0.100	-0.131	0.7000
0.8000	0.000	-0.070	-0.070	0.006	-0.066	-0.072	0.006	-0.068	-0.074				0.008	-0.068	-0.076	0.011	-0.097	-0.109	0.029	-0.101	-0.130	0.8000
0.9000	0.008	-0.065	-0.072	0.001	-0.063	-0.064	-0.005	-0.068	-0.063				0.005	-0.064	-0.069	0.011	-0.094	-0.105	0.023	-0.101	-0.124	0.9000
1.0000	0.063	-0.039	-0.102	-0.006	-0.050	-0.044	-0.022	-0.064	-0.042				0.004	-0.060	-0.064	0.020	-0.087	-0.107	0.014	-0.100	-0.114	1.0000
	M = 2.229 α = 00.40																					
0.0000	0.186	0.065	-0.120	0.162	0.093	-0.068	0.152	0.113	-0.040				0.127	0.164	0.037	0.093	0.192	0.099	0.076	-0.161		0.0000
0.0125	0.123	0.062	-0.062	0.114	0.070	-0.044	0.113	0.079	-0.034	0.056	0.093	0.037	0.091	0.126	0.035	0.088	0.144	0.057	0.078			0.0125
0.0250	0.080	0.055	-0.025	0.078	0.051	-0.028	0.082	0.055	-0.027	0.050	0.103	0.053	0.063	0.093	0.030	0.079	0.107	0.029	0.076			0.0250
0.0420																				0.032		0.0420
0.0500	0.050	0.036	-0.014	0.045	0.023	-0.022	0.041	0.031	-0.010		0.049		0.032	0.046	0.013	0.051	0.066	0.015	0.055			0.0500
0.0640																				0.066		0.0640
0.0750	0.038	0.023	-0.015	0.029	0.017	-0.012	0.020	0.017	-0.003	0.104	0.030	-0.073	0.015	0.026	0.011	0.028	0.044	0.016	0.037			0.0750
0.0810																				0.060		0.0810
0.1000	0.029	0.021	-0.008	0.018	0.012	-0.005	0.006	0.010	0.004	0.009	0.020	0.011	-0.001	0.015	0.016	0.015	0.029	0.014	0.022	0.052	0.031	0.1000
0.1500	0.020	0.017	-0.003	0.004	0.006	0.002	-0.009	0.000	0.009	-0.010	0.007	0.016	-0.015		0.014	-0.006	0.014	0.020	0.006	0.041	0.036	0.1500
0.2000	0.006	0.011	0.005	-0.003	0.004	0.007	-0.012	0.116	0.128	-0.019			-0.022	-0.007	0.015	-0.010	0.009	0.020	-0.009	0.026	0.034	0.2000
0.3000	-0.005	-0.003	0.002	-0.012	0.016	0.028	-0.020	-0.011	0.008				-0.027	-0.009	0.018	-0.027	-0.012	0.015	-0.010	0.009	0.019	0.3000
0.4000	-0.025	-0.006	0.019	-0.023	-0.013	0.010	-0.028	-0.021	0.007				-0.029	-0.013	0.017	-0.027	-0.017	0.010	-0.016	-0.004	0.011	0.4000
0.5000	-0.027	-0.017	0.011	-0.030	-0.020	0.010	-0.030	-0.023	0.008				-0.034	-0.024	0.011	-0.037	-0.021	0.016	-0.028	-0.015	0.014	0.5000
0.6000	0.006	-0.024	-0.030	-0.030	-0.027	0.003	-0.036	-0.030	0.006				-0.038	-0.028	0.010	-0.038	-0.026	0.012	-0.039	-0.025	0.014	0.6000
0.7000	0.003	-0.024	-0.028	-0.034	-0.030	0.004	-0.035	-0.028	0.007				-0.037	-0.030	0.007	-0.038	-0.029	0.010	-0.045	-0.032	0.013	0.7000
0.8000	-0.037	-0.045	-0.008	-0.037	-0.036	0.001	-0.037	-0.034	0.003				-0.040	-0.033	0.008	-0.041	-0.037	0.004	-0.050	-0.036	0.014	0.8000
0.9000	-0.030	-0.037	-0.007	-0.037	-0.039	-0.002	-0.045	-0.042	0.003				-0.042	-0.037	0.005	-0.041	-0.039	0.003	-0.053	-0.037	0.016	0.9000
1.0000	0.023	0.001	-0.023	-0.035	-0.040	-0.005	-0.058	-0.051	0.007				-0.042	-0.043	-0.001	-0.038	-0.033	0.006	-0.053	-0.034	0.019	1.0000
	M = 2.229 α = 04.26																					
0.0000	0.063	0.166	0.103	0.010	0.198	0.188	-0.031	0.248	0.279				-0.041	0.301	0.342	-0.011	0.306	0.317	-0.019	0.249		0.0000
0.0125	0.029	0.136	0.107	-0.008	0.156	0.163	-0.039	0.195	0.234	-0.052	0.229	0.281	-0.050	0.246	0.296	-0.025	0.265	0.290	-0.046			0.0125
0.0250	0.006	0.112	0.107	-0.020	0.124	0.144	-0.045	0.155	0.200	-0.070	0.184	0.254	-0.058	0.201	0.259	-0.035	0.231	0.266	-0.062			0.0250
0.0420																				0.205		0.0420
0.0500	-0.006	0.083	0.089	-0.030	0.092	0.122	-0.049	0.118	0.167		0.142		-0.067	0.146	0.213	-0.044	0.180	0.224	-0.064			0.0500
0.0640																				0.187		0.0640
0.0750	-0.010	0.066	0.076	-0.033	0.078	0.111	-0.051	0.098	0.148	-0.072	0.118	0.190	-0.077	0.127	0.204	-0.064	0.151	0.215	-0.069			0.0750
0.0810																				0.175		0.0810
0.1000	-0.016	0.063	0.079	-0.036	0.074	0.110	-0.055	0.087	0.142	-0.070	0.104	0.174	-0.082	0.110	0.191	-0.068	0.141	0.209	-0.072	0.168	0.240	0.1000
0.1500	-0.027	0.059	0.086	-0.046	0.067	0.113	-0.059	0.070	0.129	-0.074	0.084	0.157	-0.080	0.086	0.166	-0.086	0.117	0.203	-0.081	0.153	0.234	0.1500
0.2000	-0.043	0.056	0.098	-0.051	0.067	0.118	-0.059	0.173	0.232	-0.074			-0.084	0.072	0.156	-0.088	0.100	0.188	-0.090	0.139	0.229	0.2000
0.3000	-0.055	0.047	0.102	-0.062	0.069	0.131	-0.068	0.051	0.119				-0.084	0.063	0.146	-0.096	0.077	0.172	-0.085	0.112	0.197	0.3000
0.4000	-0.074	0.042	0.116	-0.069	0.040	0.109	-0.070	0.035	0.105				-0.084	0.049	0.133	-0.098	0.063	0.161	-0.098	0.090	0.188	0.4000
0.5000	-0.072	0.032	0.103	-0.071	0.029	0.100	-0.070	0.030	0.101				-0.082	0.033	0.115	-0.104	0.053	0.157	-0.101	0.079	0.181	0.5000
0.6000	-0.024	0.023	0.047	-0.071	0.019	0.090	-0.074	0.021	0.094				-0.080	0.027	0.107	-0.107	0.048	0.155	-0.107	0.064	0.171	0.6000
0.7000	-0.027	0.021	0.048	-0.071	0.014	0.085	-0.071	0.019	0.089				-0.077	0.023	0.100	-0.108	0.034	0.143	-0.112	0.055	0.167	0.7000
0.8000	-0.068	-0.005	0.063	-0.071	0.004	0.075	-0.071	0.011	0.081				-0.078	0.017	0.095	-0.107	0.024	0.132	-0.112	0.050	0.162	0.8000
0.9000	-0.063	0.000	0.064	-0.070	0.000	0.070	-0.076	0.001	0.077				-0.075	0.009	0.084	-0.104	0.020	0.124	-0.109	0.051	0.160	0.9000
1.0000	-0.012	0.036	0.049	-0.068	0.002	0.070	-0.086	-0.011	0.075				-0.068	-0.001	0.067	-0.099	0.023	0.121	-0.104	0.057	0.161	1.0000

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = 0.5°$ - Concluded

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 2.232 α = 08.31																					
0.0000	-0.096	0.298	0.394	-0.099	0.315	0.414	-0.126	0.352	0.478				-0.143	0.383	0.527	-0.119	0.360	0.479	-0.128	0.335		0.0000
0.0125	-0.092	0.253	0.345	-0.111	0.271	0.382	-0.128	0.294	0.422	-0.143	0.312	0.455	-0.134	0.334	0.468	-0.122	0.354	0.476	-0.138			0.0125
0.0250	-0.089	0.218	0.307	-0.118	0.235	0.353	-0.129	0.251	0.380	-0.148	0.276	0.424	-0.130	0.294	0.424	-0.125	0.339	0.464	-0.145			0.0250
0.0420																						0.0420
0.0500	-0.088	0.176	0.264	-0.118	0.189	0.308	-0.130	0.210	0.340											0.307		0.0500
0.0640											0.239		-0.136	0.245	0.381	-0.127	0.283	0.410	-0.151			0.0640
0.0750	-0.093	0.155	0.248	-0.120	0.170	0.290	-0.129	0.187	0.316	-0.144	0.212	0.356	-0.141	0.218	0.359	-0.129	0.266	0.395	-0.147			0.0750
0.0810																				0.291		0.0810
0.1000	-0.093	0.151	0.244	-0.121	0.161	0.281	-0.130	0.173	0.303	-0.144	0.195	0.338	-0.146	0.199	0.345	-0.132	0.246	0.378	-0.148	0.278		0.1000
0.1500	-0.084	0.135	0.219	-0.125	0.145	0.270	-0.133	0.157	0.291	-0.144	0.177	0.321	-0.144	0.172	0.316	-0.146	0.233	0.379	-0.146	0.269	0.417	0.1500
0.2000	-0.096	0.125	0.221	-0.123	0.140	0.263	-0.135	0.235	0.370	-0.144			-0.146	0.158	0.304	-0.143	0.205	0.347	-0.146	0.256	0.403	0.2000
0.3000	-0.100	0.109	0.209	-0.101	0.132	0.233	-0.137	0.120	0.257				-0.146	0.135	0.281	-0.144	0.183	0.328	-0.153	0.237	0.390	0.3000
0.4000	-0.110	0.105	0.215	-0.107	0.104	0.211	-0.128	0.100	0.228				-0.147	0.117	0.264	-0.152	0.152	0.304	-0.141	0.210	0.351	0.4000
0.5000	-0.105	0.087	0.192	-0.105	0.087	0.192	-0.118	0.092	0.210				-0.147	0.097	0.244	-0.154	0.135	0.290	-0.155	0.182	0.337	0.5000
0.6000	-0.048	0.078	0.126	-0.099	0.075	0.174	-0.114	0.077	0.191				-0.142	0.090	0.231	-0.157	0.120	0.277	-0.158	0.162	0.321	0.6000
0.7000	-0.048	0.072	0.120	-0.098	0.066	0.164	-0.108	0.073	0.181				-0.132	0.082	0.214	-0.158	0.108	0.265	-0.162	0.146	0.308	0.7000
0.8000	-0.093	0.044	0.137	-0.097	0.055	0.153	-0.105	0.061	0.166				-0.130	0.072	0.202	-0.158	0.092	0.250	-0.160	0.127	0.287	0.8000
0.9000	-0.091	0.052	0.143	-0.097	0.053	0.150	-0.108	0.052	0.160				-0.125	0.063	0.188	-0.159	0.085	0.244	-0.151	0.126	0.277	0.9000
1.0000	-0.042	0.097	0.138	-0.096	0.061	0.157	-0.118	0.046	0.164				-0.118	0.055	0.172	-0.161	0.088	0.249	-0.136	0.130	0.267	1.0000
	M = 2.233 α = 12.36																					
0.0000	-0.164	0.377	0.540	-0.153	0.399	0.551	-0.168	0.409	0.578				-0.196	0.428	0.624	-0.157	0.422	0.579	-0.147	0.400		0.0000
0.0125	-0.153	0.357	0.510	-0.158	0.364	0.522	-0.168	0.368	0.536	-0.177	0.397	0.574	-0.176	0.400	0.576	-0.161	0.411	0.572	-0.173			0.0125
0.0250	-0.146	0.335	0.480	-0.161	0.335	0.496	-0.168	0.337	0.505	-0.182	0.371	0.553	-0.165	0.375	0.540	-0.163	0.399	0.562	-0.187			0.0250
0.0420																				0.389		0.0420
0.0500	-0.143	0.282	0.425	-0.162	0.291	0.454	-0.169	0.304	0.473													0.0500
0.0640											0.329		-0.173	0.333	0.506	-0.163	0.368	0.531	-0.179			0.0640
0.0750	-0.150	0.259	0.409	-0.163	0.269	0.432	-0.167	0.283	0.450	-0.175	0.294	0.469	-0.174	0.310	0.484	-0.163	0.341	0.504	-0.180	0.377		0.0750
0.0810																						0.0810
0.1000	-0.153	0.248	0.401	-0.162	0.249	0.411	-0.167	0.272	0.439	-0.175	0.283	0.457	-0.177	0.289	0.466	-0.167	0.327	0.493	-0.179	0.364		0.1000
0.1500	-0.152	0.230	0.382	-0.164	0.233	0.397	-0.170	0.249	0.419	-0.174	0.254	0.428	-0.173	0.264	0.437	-0.176	0.296	0.472	-0.177	0.354	0.533	0.1500
0.2000	-0.142	0.214	0.356	-0.164	0.227	0.391	-0.171	0.299	0.470	-0.175			-0.175	0.248	0.423	-0.172	0.279	0.451	-0.189	0.334	0.511	0.2000
0.3000	-0.134	0.188	0.322	-0.162	0.207	0.369	-0.172	0.197	0.369				-0.173	0.212	0.385	-0.174	0.248	0.422	-0.166	0.315	0.504	0.3000
0.4000	-0.132	0.183	0.315	-0.165	0.176	0.341	-0.169	0.178	0.347				-0.173	0.193	0.366	-0.176	0.231	0.408	-0.187	0.287	0.453	0.4000
0.5000	-0.127	0.158	0.285	-0.158	0.157	0.315	-0.165	0.159	0.324				-0.176	0.177	0.353	-0.178	0.210	0.388	-0.185	0.263	0.445	0.5000
0.6000	-0.059	0.149	0.208	-0.142	0.143	0.285	-0.167	0.147	0.314				-0.172	0.164	0.336	-0.180	0.194	0.374	-0.184	0.249	0.434	0.6000
0.7000	-0.059	0.140	0.199	-0.132	0.131	0.263	-0.165	0.140	0.305				-0.165	0.150	0.315	-0.180	0.180	0.360	-0.183	0.228	0.413	0.7000
0.8000	-0.109	0.114	0.224	-0.123	0.120	0.244	-0.161	0.133	0.294				-0.166	0.144	0.310	-0.180	0.164	0.344	-0.182	0.220	0.403	0.8000
0.9000	-0.112	0.111	0.223	-0.116	0.113	0.229	-0.161	0.118	0.279				-0.163	0.129	0.292	-0.182	0.149	0.330	-0.180	0.209	0.391	0.9000
1.0000	-0.066	0.132	0.197	-0.109	0.109	0.219	-0.165	0.097	0.262				-0.157	0.103	0.259	-0.184	0.134	0.318	-0.178	0.217	0.394	1.0000
	M = 2.232 α = 16.37																					
0.0000	-0.193	0.365	0.558	-0.177	0.450	0.627	-0.187	0.437	0.625				-0.220	0.457	0.677	-0.184	0.449	0.632	-0.185	0.433		0.0000
0.0125	-0.184	0.384	0.569	-0.180	0.426	0.606	-0.189	0.432	0.621	-0.196	0.451	0.647	-0.195	0.454	0.649	-0.181	0.466	0.647	-0.192			0.0125
0.0250	-0.178	0.389	0.567	-0.182	0.404	0.587	-0.191	0.424	0.615	-0.196	0.445	0.642	-0.182	0.446	0.628	-0.179	0.474	0.653	-0.196			0.0250
0.0420																				0.463		0.0420
0.0500	-0.175	0.353	0.528	-0.184	0.368	0.552	-0.190	0.403	0.593													0.0500
0.0640											0.416		-0.191	0.420	0.611	-0.182	0.459	0.641	-0.191			0.0640
0.0750	-0.176	0.328	0.504	-0.184	0.356	0.540	-0.189	0.377	0.566	-0.188	0.389	0.577	-0.193	0.406	0.598	-0.181	0.442	0.623	-0.192	0.459		0.0750
0.0810																						0.0810
0.1000	-0.178	0.326	0.504	-0.184	0.340	0.524	-0.189	0.366	0.555	-0.188	0.370	0.557	-0.194	0.385	0.579	-0.182	0.428	0.610	-0.191	0.448		0.1000
0.1500	-0.180	0.308	0.487	-0.184	0.329	0.513	-0.191	0.332	0.523	-0.191	0.350	0.541	-0.191	0.355	0.546	-0.182	0.396	0.578	-0.190	0.441	0.632	0.1500
0.2000	-0.177	0.287	0.465	-0.182	0.322	0.504	-0.192	0.379	0.571	-0.190			-0.192	0.333	0.525	-0.181	0.375	0.555	-0.203	0.418	0.608	0.2000
0.3000	-0.172	0.281	0.452	-0.182	0.294	0.476	-0.192	0.283	0.475				-0.191	0.294	0.485	-0.191	0.341	0.532	-0.172	0.408	0.611	0.3000
0.4000	-0.164	0.256	0.421	-0.185	0.261	0.446	-0.191	0.258	0.449				-0.191	0.284	0.475	-0.186	0.312	0.498	-0.197	0.382	0.554	0.4000
0.5000	-0.156	0.247	0.403	-0.181	0.239	0.420	-0.186	0.241	0.426				-0.192	0.259	0.451	-0.191	0.294	0.485	-0.199	0.361	0.558	0.5000
0.6000	-0.079	0.226	0.305	-0.173	0.222	0.395	-0.189	0.232	0.421				-0.190	0.246	0.437	-0.194	0.278	0.472	-0.200	0.341	0.540	0.6000
0.7000	-0.079	0.232	0.312	-0.171	0.216	0.387	-0.188	0.222	0.410				-0.184	0.236	0.420	-0.193	0.265	0.458	-0.199	0.328	0.529	0.7000
0.8000	-0.132	0.187	0.319	-0.163	0.196	0.359	-0.187	0.207	0.393				-0.185	0.217	0.402	-0.194	0.246	0.440	-0.198	0.303	0.501	0.8000
0.9000	-0.135	0.197	0.332	-0.151	0.192	0.343	-0.188	0.192	0.380				-0.183	0.204	0.386	-0.192	0.229	0.421	-0.196	0.300	0.496	0.9000
1.0000	-0.088	0.262	0.350	-0.135	0.206	0.341	-0.193	0.177	0.370				-0.176	0.196	0.372	-0.187	0.214	0.401	-0.191	0.307	0.498	1.0000

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.9°$

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 0.698 α = -04.10																					
0.0000	0.298	-0.852	-1.150	0.281	-0.729	-1.010	0.251	-0.778	-1.029				0.312	-0.878	-1.189	0.298	-0.797	-1.095	0.298	-0.690		0.0000
0.0125	0.226	-0.453	-0.679	0.219	-0.607	-0.826	0.212	-0.683	-0.895	0.213	-0.810	-1.023	0.236	-0.836	-1.072	0.259	-0.806	-1.065	0.269			0.0125
0.0250	0.171	-0.218	-0.389	0.170	-0.492	-0.662	0.175	-0.602	-0.778	0.165	-0.436	-0.601	0.184	-0.742	-0.926	0.225	-0.812	-1.036	0.243			0.0250
0.0420																						0.0420
0.0500	0.116	-0.236	-0.352	0.112	-0.288	-0.400	0.109	-0.486	-0.595											-0.662		0.0500
0.0640											-0.371		0.149	-0.396	-0.545	0.167	-0.815	-0.982	0.198			0.0640
0.0750	0.106	-0.226	-0.332	0.079	-0.263	-0.342	0.090	-0.337	-0.427	0.072	-0.330	-0.403	0.095	-0.361	-0.456	0.133	-0.790	-0.923	0.170	-0.657		0.0750
0.0810																						0.0810
0.1000	0.084	-0.213	-0.297	0.062	-0.246	-0.307	0.059	-0.294	-0.353	0.051	-0.300	-0.351	0.067	-0.335	-0.402	0.106	-0.745	-0.850	0.152	-0.658		0.1000
0.1500	0.056	-0.202	-0.258	0.035	-0.215	-0.250	0.042	-0.271	-0.313	0.031	-0.273	-0.305	0.055	-0.299	-0.354	0.078	-0.552	-0.630	0.124	-0.660	-0.785	0.1500
0.2000	0.031	-0.179	-0.210	0.028	-0.196	-0.224	0.031	-0.217	-0.248	0.018			0.034	-0.271	-0.305	0.060	-0.373	-0.433	0.100	-0.664	-0.764	0.2000
0.3000	0.019	-0.178	-0.196	0.008	-0.187	-0.195	0.009	-0.209	-0.218				0.024	-0.234	-0.259	0.044	-0.238	-0.281	0.069	-0.678	-0.746	0.3000
0.4000	-0.001	-0.180	-0.179	0.001	-0.182	-0.183	0.004	-0.211	-0.214				0.016	-0.227	-0.243	0.042	-0.222	-0.264	0.046	-0.661	-0.707	0.4000
0.5000	-0.007	-0.176	-0.169	-0.002	-0.175	-0.173	0.004	-0.184	-0.189				0.010	-0.191	-0.201	0.030	-0.193	-0.223	0.034	-0.589	-0.623	0.5000
0.6000	-0.002	-0.162	-0.160	0.009	-0.158	-0.167	0.007	-0.166	-0.173				0.013	-0.163	-0.176	0.025	-0.167	-0.193	0.024	-0.474	-0.499	0.6000
0.7000	0.013	-0.134	-0.147	0.014	-0.144	-0.159	0.013	-0.145	-0.158				0.015	-0.139	-0.155	0.020	-0.129	-0.149	0.016	-0.314	-0.329	0.7000
0.8000	0.021	-0.117	-0.138	0.018	-0.115	-0.132	0.019	-0.116	-0.134				0.016	-0.095	-0.111	0.014	-0.096	-0.110	0.011	-0.161	-0.172	0.8000
0.9000	0.018	-0.086	-0.103	0.021	-0.045	-0.066	0.019	-0.046	-0.065				0.020	-0.056	-0.076	0.020	-0.043	-0.063	-0.015	-0.047	-0.032	0.9000
1.0000	0.003	-0.040	-0.043	0.024	0.064	0.040	0.013	0.063	0.050				0.028	-0.024	-0.052	0.037	0.029	-0.008	-0.062	0.029	0.091	1.0000
	M = 0.702 α = -00.05																					
0.0000	0.319	-0.930	-1.249	0.161	-0.603	-0.764	0.097	-0.104	-0.201				0.023	-0.045	-0.068	-0.034	-0.041	-0.007	-0.013	-0.177		0.0000
0.0125	0.236	-0.494	-0.730	0.123	-0.433	-0.555	0.047	-0.137	-0.185	-0.018	-0.095	-0.077	0.042	-0.068	-0.026	-0.069	-0.078	-0.010	-0.055			0.0125
0.0250	0.164	-0.225	-0.389	0.087	-0.324	-0.411	0.011	-0.155	-0.166	-0.054	-0.106	-0.051	0.083	-0.086	-0.003	-0.093	-0.105	-0.012	-0.085			0.0250
0.0420																						0.0420
0.0500	0.054	-0.189	-0.243	0.025	-0.292	-0.317	-0.026	-0.146	-0.120											-0.142		0.0500
0.0640											-0.122		0.094	-0.110	-0.017	-0.114	-0.129	-0.015	-0.108			0.0640
0.0750	0.043	-0.187	-0.230	-0.023	-0.225	-0.202	-0.047	-0.140	-0.093	-0.098	-0.125	-0.027	0.103	-0.115	-0.012	-0.127	-0.130	-0.004	-0.113	-0.135		0.0750
0.0810																						0.0810
0.1000	-0.003	-0.132	-0.129	-0.037	-0.194	-0.157	-0.066	-0.130	-0.064	-0.107	-0.120	-0.013	0.111	-0.118	-0.007	-0.126	-0.133	-0.007	-0.112	-0.130	-0.018	0.1000
0.1500	-0.034	-0.081	-0.048	-0.057	-0.163	-0.106	-0.078	-0.117	-0.040	-0.106	-0.123	-0.018	0.114	-0.122	-0.009	-0.123	-0.133	-0.010	-0.112	-0.129	-0.017	0.1500
0.2000	-0.051	-0.079	-0.028	-0.070	-0.123	-0.053	-0.084	-0.100	-0.017	-0.104			0.108	-0.124	-0.016	-0.115	-0.131	-0.016	-0.109	-0.131	-0.022	0.2000
0.3000	-0.077	-0.067	0.010	-0.083	-0.103	-0.020	-0.097	-0.108	-0.012				0.104	-0.120	-0.016	-0.099	-0.128	-0.029	-0.103	-0.126	-0.024	0.3000
0.4000	-0.086	-0.062	0.024	-0.090	-0.091	-0.001	-0.086	-0.107	-0.021				0.093	-0.115	-0.022	-0.085	-0.120	-0.035	-0.095	-0.116	-0.021	0.4000
0.5000	-0.090	-0.059	0.031	-0.082	-0.086	-0.004	-0.080	-0.099	-0.019				0.078	-0.104	-0.026	-0.078	-0.106	-0.028	-0.083	-0.101	-0.017	0.5000
0.6000	-0.068	-0.063	0.006	-0.069	-0.083	-0.014	-0.060	-0.090	-0.030				0.057	-0.097	-0.040	-0.063	-0.098	-0.035	-0.072	-0.092	-0.020	0.6000
0.7000	-0.043	-0.061	-0.018	-0.046	-0.074	-0.027	-0.051	-0.079	-0.029				0.040	-0.087	-0.047	-0.046	-0.079	-0.033	-0.059	-0.074	-0.015	0.7000
0.8000	-0.025	-0.060	-0.035	-0.026	-0.065	-0.039	-0.033	-0.065	-0.032				0.029	-0.065	-0.036	-0.029	-0.057	-0.028	-0.041	-0.055	-0.013	0.8000
0.9000	-0.014	-0.039	-0.025	-0.011	-0.021	-0.010	-0.017	-0.038	-0.021				0.015	-0.026	-0.011	-0.004	-0.020	-0.016	-0.028	-0.022	0.005	0.9000
1.0000	-0.010	0.002	0.013	-0.001	0.058	0.059	-0.002	0.003	0.005				0.002	0.028	0.026	0.028	0.032	0.004	-0.018	0.023	0.041	1.0000
	M = 0.695 α = 04.00																					
0.0000	0.171	-1.776	-1.947	-0.092	-0.547	-0.455	-0.240	-0.057	0.183				-0.976	0.230	1.206	-0.757	0.273	1.029	-0.627	0.241		0.0000
0.0125	0.225	-1.038	-1.263	-0.075	-0.512	-0.437	-0.248	-0.070	0.178	-0.579	0.167	0.746	-0.754	0.211	0.965	-0.766	0.238	1.004	-0.628			0.0125
0.0250	0.239	-0.543	-0.782	-0.072	-0.434	-0.362	-0.255	-0.070	0.186	-0.405	0.127	0.533	-0.595	0.190	0.785	-0.772	0.206	0.978	-0.630			0.0250
0.0420																						0.0420
0.0500	0.139	-0.286	-0.425	-0.110	-0.146	-0.036	-0.271	-0.030	0.241											0.196		0.0500
0.0640											0.086		-0.462	0.141	0.603	-0.773	0.152	0.925	-0.632			0.0640
0.0750	0.073	-0.233	-0.307	-0.159	-0.039	0.120	-0.291	0.022	0.314	-0.297	0.057	0.354	-0.381	0.105	0.486	-0.748	0.112	0.860	-0.636	0.172		0.0750
0.0810																						0.0810
0.1000	-0.023	-0.167	-0.144	-0.197	-0.017	0.180	-0.296	0.026	0.322	-0.284	0.049	0.332	-0.323	0.081	0.403	-0.666	0.092	0.758	-0.638	0.152		0.1000
0.1500	-0.103	-0.109	-0.006	-0.222	0.008	0.230	-0.297	0.026	0.323	-0.260	0.023	0.283	-0.290	0.045	0.335	-0.500	0.058	0.558	-0.637	0.134	0.772	0.1500
0.2000	-0.148	-0.038	0.110	-0.226	0.011	0.238	-0.272	0.015	0.287	-0.248			-0.258	0.029	0.288	-0.340	0.038	0.378	-0.634	0.106	0.743	0.2000
0.3000	-0.177	-0.015	0.162	-0.225	-0.001	0.225	-0.253	0.017	0.270				-0.232	0.008	0.240	-0.220	0.010	0.229	-0.621	0.082	0.716	0.3000
0.4000	-0.189	-0.010	0.179	-0.213	-0.015	0.198	-0.229	-0.018	0.211				-0.202	-0.007	0.195	-0.180	-0.001	0.179	-0.582	0.048	0.668	0.4000
0.5000	-0.177	-0.023	0.154	-0.190	-0.026	0.165	-0.203	-0.028	0.175				-0.169	-0.013	0.156	-0.154	-0.004	0.150	-0.487	0.029	0.611	0.5000
0.6000	-0.135	-0.028	0.107	-0.157	-0.035	0.122	-0.170	-0.035	0.136				-0.147	-0.024	0.123	-0.126	-0.016	0.110	-0.368	0.018	0.506	0.6000
0.7000	-0.091	-0.028	0.063	-0.126	-0.040	0.086	-0.140	-0.034	0.106				-0.133	-0.030	0.103	-0.097	-0.014	0.083	-0.248	0.002	0.370	0.7000
0.8000	-0.070	-0.034	0.036	-0.096	-0.041	0.055	-0.103	-0.034	0.069				-0.100	-0.031	0.069	-0.068	-0.015	0.053	-0.130	-0.001	0.246	0.8000
0.9000	-0.033	-0.027	0.006	-0.059	-0.025	0.034	-0.071	-0.018	0.054				-0.066	-0.008	0.059	-0.026	0.000	0.027	-0.062	-0.002	0.128	0.9000
1.0000	0.022	-0.007	-0.028	-0.015	0.008	0.023	-0.045	0.014	0.060				-0.032	0.040	0.072	0.027	0.032	0.005	-0.043	0.009	0.052	1.0000

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.9°$- Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
									M = 0.699			α = 07.91										
0.0000	-0.092	-0.065	0.027	-0.472	-0.234	0.238	-0.699	-0.061	0.639				-0.653	0.227	0.880	-0.740	0.188	0.928	-0.581	0.248		0.0000
0.0125	-0.141	-0.014	0.127	-0.466	0.004	0.470	-0.735	0.106	0.841	-0.582	0.198	0.780	-0.672	0.234	0.906	-0.732	0.242	0.974	-0.577			0.0125
0.0250	-0.177	0.033	0.209	-0.462	0.155	0.617	-0.735	0.213	0.949	-0.581	0.238	0.819	-0.688	0.234	0.922	-0.727	0.271	0.999	-0.574			0.0250
0.0420																				0.265		0.0420
0.0500	-0.210	0.110	0.320	-0.464	0.191	0.655	-0.628	0.251	0.879		0.211		-0.710	0.216	0.926	-0.730	0.257	0.987	-0.569			0.0500
0.0640																				0.258		0.0640
0.0750	-0.273	0.144	0.417	-0.496	0.225	0.721	-0.565	0.225	0.789	-0.613	0.177	0.790	-0.727	0.199	0.926	-0.735	0.230	0.965	-0.566			0.0750
0.0810																				0.245		0.0810
0.1000	-0.323	0.158	0.481	-0.498	0.189	0.687	-0.540	0.181	0.721	-0.605	0.162	0.767	-0.725	0.175	0.900	-0.738	0.211	0.949	-0.562	0.236	0.799	0.1000
0.1500	-0.379	0.146	0.525	-0.504	0.141	0.645	-0.532	0.140	0.672	-0.562	0.131	0.692	-0.693	0.151	0.844	-0.751	0.177	0.927	-0.556	0.209	0.764	0.1500
0.2000	-0.391	0.122	0.513	-0.501	0.110	0.611	-0.511	0.132	0.643	-0.520			-0.609	0.130	0.739	-0.766	0.151	0.917	-0.548	0.187	0.735	0.2000
0.3000	-0.373	0.078	0.451	-0.478	0.077	0.555	-0.485	0.080	0.566				-0.507	0.092	0.599	-0.839	0.113	0.952	-0.539	0.147	0.686	0.3000
0.4000	-0.335	0.055	0.390	-0.455	0.064	0.519	-0.473	0.068	0.541				-0.380	0.076	0.457	-0.885	0.083	0.968	-0.529	0.109	0.637	0.4000
0.5000	-0.270	0.039	0.310	-0.419	0.050	0.469	-0.412	0.053	0.465				-0.295	0.053	0.348	-0.852	0.067	0.919	-0.503	0.088	0.591	0.5000
0.6000	-0.193	0.030	0.223	-0.356	0.031	0.387	-0.396	0.035	0.431				-0.228	0.043	0.270	-0.692	0.044	0.736	-0.480	0.047	0.527	0.6000
0.7000	-0.115	0.026	0.141	-0.292	0.011	0.303	-0.365	0.017	0.382				-0.182	0.023	0.205	-0.442	0.027	0.469	-0.465	0.018	0.483	0.7000
0.8000	-0.051	0.003	0.053	-0.213	0.005	0.218	-0.327	0.004	0.331				-0.131	0.015	0.145	-0.206	0.006	0.212	-0.446	-0.019	0.426	0.8000
0.9000	0.007	-0.005	-0.012	-0.115	-0.001	0.114	-0.281	0.004	0.285				-0.065	0.009	0.074	-0.035	-0.006	0.029	-0.443	-0.088	0.356	0.9000
1.0000	0.058	0.004	-0.054	0.002	-0.007	-0.009	-0.226	0.017	0.243				0.014	0.005	-0.009	0.070	-0.011	-0.081	-0.457	-0.187	0.270	1.0000
									M = 0.700			α = 11.91										
0.0000	-1.406	0.264	1.670	-0.681	0.180	0.861	-1.274	0.106	1.380				-1.199	0.077	1.276	-1.078	-0.025	1.054	-0.793	0.166		0.0000
0.0125	-0.886	0.271	1.158	-1.313	0.247	1.560	-1.291	0.225	1.515	-1.268	0.185	1.453	-1.216	0.208	1.424	-1.060	0.143	1.202	-0.790			0.0125
0.0250	-0.560	0.278	0.838	-1.569	0.287	1.857	-1.321	0.296	1.617	-1.268	0.296	1.563	-1.228	0.290	1.519	-1.049	0.253	1.302	-0.788			0.0250
0.0420																				0.264		0.0420
0.0500	-0.486	0.287	0.774	-0.954	0.289	1.243	-1.421	0.297	1.719		0.306		-1.241	0.304	1.545	-1.052	0.301	1.353	-0.786			0.0500
0.0640																				0.285		0.0640
0.0750	-0.477	0.271	0.748	-0.525	0.269	0.795	-1.463	0.289	1.753	-1.392	0.284	1.676	-1.295	0.308	1.603	-1.055	0.305	1.360	-0.779			0.0750
0.0810																				0.286		0.0810
0.1000	-0.468	0.255	0.723	-0.507	0.256	0.763	-1.295	0.266	1.561	-1.481	0.274	1.755	-1.300	0.292	1.592	-1.058	0.293	1.351	-0.775	0.286	1.061	0.1000
0.1500	-0.476	0.235	0.711	-0.493	0.238	0.731	-0.600	0.236	0.835	-1.515	0.244	1.759	-1.477	0.256	1.733	-1.099	0.267	1.367	-0.763	0.271	1.034	0.1500
0.2000	-0.492	0.214	0.706	-0.482	0.225	0.707	-0.479	0.234	0.713	-0.938			-1.606	0.235	1.840	-1.124	0.244	1.368	-0.746	0.258	1.004	0.2000
0.3000	-0.477	0.175	0.652	-0.475	0.190	0.665	-0.472	0.202	0.674				-0.878	0.188	1.066	-1.100	0.202	1.303	-0.725	0.221	0.947	0.3000
0.4000	-0.460	0.150	0.610	-0.454	0.159	0.613	-0.436	0.152	0.588				-0.451	0.165	0.616	-1.161	0.164	1.325	-0.714	0.180	0.894	0.4000
0.5000	-0.440	0.130	0.570	-0.388	0.125	0.512	-0.364	0.135	0.499				-0.354	0.143	0.497	-1.481	0.144	1.625	-0.684	0.149	0.833	0.5000
0.6000	-0.347	0.107	0.455	-0.330	0.104	0.434	-0.306	0.106	0.413				-0.256	0.110	0.366	-1.456	0.110	1.566	-0.631	0.099	0.730	0.6000
0.7000	-0.274	0.091	0.366	-0.276	0.082	0.357	-0.238	0.081	0.319				-0.211	0.082	0.293	-1.127	0.081	1.208	-0.569	0.059	0.628	0.7000
0.8000	-0.199	0.053	0.252	-0.198	0.055	0.253	-0.174	0.049	0.223				-0.153	0.063	0.216	-0.752	0.043	0.795	-0.503	0.003	0.505	0.8000
0.9000	-0.120	0.032	0.152	-0.107	0.043	0.150	-0.125	0.046	0.171				-0.079	0.049	0.128	-0.410	-0.002	0.408	-0.456	-0.091	0.365	0.9000
1.0000	-0.037	0.029	0.066	-0.003	0.046	0.048	-0.090	0.071	0.161				0.011	0.037	0.026	-0.101	-0.054	0.047	-0.429	-0.223	0.206	1.0000
									M = 0.696			α = 15.87										
0.0000	-1.104	0.324	1.428	-1.737	0.066	1.804	-1.631	-0.065	1.565				-1.445	-0.141	1.305	-1.337	-0.242	1.095	-0.923	-0.011		0.0000
0.0125	-1.879	0.360	2.239	-1.705	0.245	1.950	-1.585	0.178	1.763	-1.521	0.085	1.606	-1.468	0.124	1.593	-1.308	0.011	1.320	-0.916			0.0125
0.0250	-2.128	0.391	2.519	-1.691	0.358	2.049	-1.581	0.328	1.909	-1.510	0.300	1.810	-1.482	0.287	1.770	-1.292	0.185	1.477	-0.910			0.0250
0.0420																				0.211		0.0420
0.0500	-1.047	0.438	1.485	-1.717	0.384	2.101	-1.701	0.347	2.047		0.362		-1.485	0.307	1.792	-1.295	0.291	1.586	-0.903			0.0500
0.0640																				0.266		0.0640
0.0750	-0.763	0.415	1.178	-1.922	0.391	2.313	-1.709	0.376	2.085	-1.704	0.361	2.065	-1.563	0.359	1.922	-1.293	0.331	1.624	-0.890			0.0750
0.0810																				0.278		0.0810
0.1000	-0.752	0.396	1.148	-1.729	0.377	2.105	-1.795	0.373	2.168	-1.647	0.359	2.006	-1.630	0.371	2.002	-1.283	0.334	1.617	-0.878	0.292	1.170	0.1000
0.1500	-0.718	0.370	1.088	-0.968	0.365	1.333	-1.891	0.353	2.244	-1.673	0.331	2.004	-1.617	0.356	1.973	-1.309	0.328	1.637	-0.857	0.294	1.151	0.1500
0.2000	-0.678	0.333	1.011	-0.764	0.336	1.101	-1.344	0.340	1.683	-2.009			-1.581	0.329	1.910	-1.367	0.310	1.677	-0.832	0.291	1.123	0.2000
0.3000	-0.654	0.273	0.927	-0.658	0.290	0.948	-0.815	0.279	1.094				-1.912	0.280	2.192	-1.372	0.271	1.644	-0.793	0.260	1.053	0.3000
0.4000	-0.593	0.249	0.842	-0.595	0.249	0.843	-0.640	0.242	0.882				-1.351	0.256	1.606	-1.279	0.234	1.512	-0.773	0.222	0.995	0.4000
0.5000	-0.530	0.219	0.749	-0.539	0.204	0.743	-0.581	0.213	0.793				-0.893	0.213	1.106	-1.197	0.202	1.399	-0.746	0.184	0.930	0.5000
0.6000	-0.464	0.182	0.646	-0.453	0.173	0.627	-0.500	0.181	0.681				-0.607	0.168	0.775	-1.146	0.160	1.306	-0.710	0.127	0.836	0.6000
0.7000	-0.413	0.158	0.571	-0.360	0.135	0.496	-0.415	0.155	0.570				-0.518	0.138	0.656	-1.210	0.116	1.326	-0.658	0.078	0.736	0.7000
0.8000	-0.298	0.097	0.395	-0.306	0.100	0.406	-0.319	0.104	0.424				-0.393	0.101	0.494	-1.461	0.057	1.519	-0.587	0.014	0.601	0.8000
0.9000	-0.176	0.065	0.241	-0.183	0.071	0.254	-0.195	0.064	0.259				-0.260	0.058	0.318	-1.250	-0.039	1.212	-0.525	-0.092	0.433	0.9000
1.0000	-0.049	0.061	0.109	0.008	0.049	0.041	-0.040	0.035	0.075				-0.120	0.007	0.128	-0.577	-0.172	0.405	-0.474	-0.242	0.231	1.0000

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.9°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 1.298 α = -03.81																					
0.0000	0.390	-0.198	-0.588	0.315	-0.287	-0.602	0.300	-0.386	-0.686				0.299	-0.443	-0.742	0.333	-0.519	-0.852	0.362	-0.593		0.0000
0.0125	0.291	-0.194	-0.485	0.249	-0.290	-0.539	0.240	-0.343	-0.583	0.230	-0.413	-0.643	0.245	-0.402	-0.647	0.259	-0.476	-0.736	0.277			0.0125
0.0250	0.221	-0.179	-0.400	0.203	-0.286	-0.489	0.199	-0.317	-0.516	0.184	-0.355	-0.539	0.205	-0.375	-0.580	0.203	-0.450	-0.654	0.217			0.0250
0.0420																				-0.552		0.0420
0.0500	0.167	-0.117	-0.284	0.172	-0.261	-0.433	0.172	-0.318	-0.490		-0.335		0.169	-0.365	-0.534	0.147	-0.447	-0.594	0.170			0.0500
0.0640																				-0.546		0.0640
0.0750	0.144	-0.108	-0.252	0.134	-0.205	-0.339	0.129	-0.302	-0.431	0.096	-0.284	-0.380	0.126	-0.337	-0.463	0.115	-0.460	-0.575	0.142			0.0750
0.0810																				-0.549		0.0810
0.1000	0.113	-0.111	-0.225	0.104	-0.148	-0.253	0.103	-0.206	-0.309	0.073	-0.163	-0.236	0.099	-0.265	-0.364	0.092	-0.449	-0.541	0.126	-0.550	-0.676	0.1000
0.1500	0.098	-0.108	-0.206	0.081	-0.137	-0.219	0.067	-0.139	-0.206	0.058	-0.136	-0.194	0.075	-0.190	-0.265	0.075	-0.358	-0.433	0.102	-0.558	-0.660	0.1500
0.2000	0.066	-0.085	-0.151	0.064	-0.093	-0.158	0.058	-0.100	-0.158	0.044			0.055	-0.143	-0.198	0.060	-0.225	-0.285	0.084	-0.548	-0.632	0.2000
0.3000	0.050	-0.078	-0.127	0.039	-0.082	-0.121	0.046	-0.102	-0.149				0.055	-0.141	-0.196	0.054	-0.189	-0.243	0.063	-0.487	-0.550	0.3000
0.4000	0.035	-0.080	-0.116	0.037	-0.098	-0.135	0.042	-0.107	-0.149				0.045	-0.131	-0.176	0.038	-0.193	-0.231	0.037	-0.350	-0.388	0.4000
0.5000	0.033	-0.097	-0.130	0.037	-0.106	-0.143	0.039	-0.116	-0.155				0.035	-0.140	-0.175	0.031	-0.182	-0.214	0.029	-0.256	-0.285	0.5000
0.6000	0.038	-0.107	-0.145	0.029	-0.119	-0.148	0.020	-0.129	-0.149				0.022	-0.143	-0.165	0.024	-0.175	-0.199	0.023	-0.238	-0.261	0.6000
0.7000	0.026	-0.110	-0.136	0.012	-0.128	-0.140	0.018	-0.129	-0.146				0.018	-0.147	-0.166	0.015	-0.179	-0.194	0.016	-0.217	-0.233	0.7000
0.8000	0.005	-0.143	-0.148	0.006	-0.133	-0.139	0.003	-0.134	-0.137				-0.004	-0.146	-0.142	0.016	-0.169	-0.184	0.009	-0.201	-0.211	0.8000
0.9000	0.061	-0.135	-0.196	0.047	-0.128	-0.175	0.047	-0.134	-0.181				0.016	-0.136	-0.152	-0.002	-0.166	-0.164	0.005	-0.193	-0.198	0.9000
1.0000	0.193	-0.086	-0.279	0.135	-0.111	-0.246	0.149	-0.129	-0.278				0.079	-0.118	-0.198	-0.038	-0.170	-0.132	0.003	-0.191	-0.195	1.0000
	M = 1.303 α = 00.10																					
0.0000	0.393	-0.208	-0.601	0.322	-0.389	-0.711	0.143	-0.127	-0.271				0.059	-0.033	-0.092	0.013	0.068	0.054	-0.054	-0.063		0.0000
0.0125	0.303	-0.211	-0.513	0.221	-0.320	-0.540	0.100	-0.132	-0.232	0.035	-0.022	-0.057	0.019	-0.018	-0.038	-0.023	0.020	0.043	-0.071			0.0125
0.0250	0.238	-0.201	-0.439	0.151	-0.269	-0.420	0.067	-0.131	-0.198	0.012	-0.042	-0.054	-0.007	-0.015	-0.008	-0.050	-0.016	0.033	-0.087			0.0250
0.0420																				-0.079		0.0420
0.0500	0.185	-0.145	-0.330	0.107	-0.225	-0.332	0.033	-0.112	-0.145		-0.047		-0.017	-0.041	-0.025	-0.072	-0.055	0.016	-0.112			0.0500
0.0640																				-0.083		0.0640
0.0750	0.136	-0.119	-0.255	0.059	-0.146	-0.206	0.009	-0.070	-0.079	-0.024	-0.052	-0.027	-0.036	-0.035	0.001	-0.090	-0.070	0.020	-0.121			0.0750
0.0810																				-0.085		0.0810
0.1000	0.098	-0.098	-0.197	0.031	-0.097	-0.128	-0.008	-0.060	-0.052	-0.040	-0.043	-0.004	-0.047	-0.041	0.006	-0.094	-0.077	0.017	-0.122	-0.084	0.038	0.1000
0.1500	0.035	-0.056	-0.091	-0.006	-0.045	-0.039	-0.026	-0.051	-0.025	-0.044	-0.043	0.001	-0.055	-0.046	0.008	-0.093	-0.087	0.006	-0.122	-0.088	0.034	0.1500
0.2000	-0.009	-0.021	-0.012	-0.021	-0.020	0.001	-0.032	-0.024	0.008	-0.050			-0.059	-0.051	0.008	-0.091	-0.075	0.015	-0.116	-0.098	0.018	0.2000
0.3000	-0.030	-0.001	0.028	-0.033	-0.031	0.002	-0.048	-0.027	0.020				-0.058	-0.054	0.004	-0.090	-0.082	0.008	-0.102	-0.112	-0.010	0.3000
0.4000	-0.043		0.043	-0.038	-0.034	0.005	-0.047	-0.048	-0.001				-0.049	-0.058	-0.008	-0.071	-0.097	-0.026	-0.109	-0.121	-0.012	0.4000
0.5000	-0.031	-0.017	0.013	-0.032	-0.039	-0.008	-0.038	-0.055	-0.017				-0.046	-0.074	-0.028	-0.075	-0.097	-0.022	-0.109	-0.125	-0.015	0.5000
0.6000	-0.025	-0.031	-0.006	-0.033	-0.056	-0.023	-0.042	-0.069	-0.027				-0.049	-0.082	-0.032	-0.074	-0.104	-0.030	-0.109	-0.124	-0.015	0.6000
0.7000	-0.034	-0.048	-0.014	-0.040	-0.063	-0.023	-0.049	-0.076	-0.027				-0.047	-0.092	-0.045	-0.071	-0.111	-0.040	-0.109	-0.121	-0.012	0.7000
0.8000	-0.074	-0.075	-0.002	-0.070	-0.076	-0.006	-0.075	-0.079	-0.004				-0.068	-0.094	-0.026	-0.082	-0.101	-0.019	-0.103	-0.125	-0.022	0.8000
0.9000	-0.013	-0.076	-0.063	-0.014	-0.080	-0.066	-0.051	-0.091	-0.040				-0.062	-0.098	-0.036	-0.081	-0.106	-0.025	-0.102	-0.118	-0.016	0.9000
1.0000	0.147	-0.051	-0.198	0.125	-0.076	-0.202	0.023	-0.113	-0.135				-0.028	-0.104	-0.075	-0.069	-0.126	-0.058	-0.105	-0.101	0.004	1.0000
	M = 1.304 α = 03.96																					
0.0000	0.464	-0.737	-1.201	0.022	-0.525	-0.547	-0.111	-0.109	0.002				-0.323	0.269	0.592	-0.555	0.319	0.874	-0.630	0.252		0.0000
0.0125	0.375	-0.444	-0.819	0.145	-0.574	-0.719	-0.088	-0.074	0.014	-0.222			-0.330	0.227	0.557	-0.501	0.256	0.758	-0.588			0.0125
0.0250	0.306	-0.265	-0.571	0.214	-0.519	-0.734	-0.082	-0.048	0.033	-0.185	0.149	0.372	-0.330	0.195	0.525	-0.467	0.207	0.675	-0.558			0.0250
0.0420										0.118	0.303									0.180		0.0420
0.0500	0.226	-0.255	-0.481	0.193	-0.097	-0.290	-0.116	-0.025	0.091													0.0500
0.0640											0.094		-0.308	0.165	0.473	-0.458	0.151	0.609	-0.536			0.0640
0.0750	0.178	-0.236	-0.413	0.104	-0.022	-0.126	-0.134	0.002	0.136	-0.152										0.152		0.0750
0.0810											0.082	0.234	-0.175	0.137	0.312	-0.462	0.116	0.578	-0.534			0.0810
0.1000	0.110	-0.194	-0.304	0.029	-0.018	-0.047	-0.152	0.036	0.189	-0.162										0.136		0.1000
0.1500	0.035	-0.131	-0.166	-0.032	0.027	0.059	-0.176	0.067	0.243	-0.162	0.085	0.247	-0.175	0.110	0.285	-0.459	0.101	0.560	-0.534	0.122	0.656	0.1500
0.2000	-0.044	-0.023	0.020	-0.094	0.050	0.144	-0.181	0.084	0.266	-0.162	0.072	0.234	-0.174	0.090	0.264	-0.419	0.076	0.495	-0.541	0.096	0.637	0.2000
0.3000	-0.072	0.007	0.079	-0.123	0.053	0.176	-0.174	0.061	0.235				-0.165	0.079	0.244	-0.295	0.070	0.365	-0.558	0.072	0.630	0.3000
0.4000	-0.119	0.055	0.174	-0.131	0.055	0.185	-0.160	0.031	0.191				-0.142	0.048	0.190	-0.205	0.031	0.236	-0.514	0.040	0.554	0.4000
0.5000	-0.125	0.028	0.153	-0.118	0.017	0.135	-0.146	0.020	0.165				-0.129	0.043	0.172	-0.183	0.013	0.195	-0.475	0.025	0.500	0.5000
0.6000	-0.099	0.001	0.100	-0.107	-0.006	0.101	-0.126	0.009	0.135				-0.127	0.009	0.136	-0.163	0.006	0.169	-0.370	0.016	0.386	0.6000
0.7000	-0.082	-0.005	0.077	-0.104	-0.025	0.079	-0.122	-0.016	0.106				-0.119	-0.001	0.118	-0.157	-0.018	0.139	-0.271		0.271	0.7000
0.8000	-0.107	-0.036	0.071	-0.126	-0.030	0.096	-0.126	-0.029	0.098				-0.113	-0.016	0.098	-0.133	-0.016	0.117	-0.235	-0.009	0.226	0.8000
0.9000	-0.092	-0.039	0.054	-0.110	-0.032	0.077	-0.113	-0.031	0.082				-0.128	-0.026	0.102	-0.145	-0.026	0.119	-0.215	-0.018	0.197	0.9000
1.0000	-0.037	-0.013	0.024	-0.053	-0.031	0.023	-0.082	-0.022	0.060				-0.116	-0.030	0.086	-0.150	-0.047	0.103	-0.199	-0.003	0.196	1.0000
													-0.078	-0.030	0.048	-0.146	-0.078	0.068	-0.189	0.035	0.224	

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.9°$- Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 1.301 α = 08.01																					
0.0000	0.102	0.071	-0.031	-0.179	0.177	0.356	-0.363	0.328	0.691				-0.424	0.363	0.786	-0.488	0.351	0.838	-0.505	0.303		0.0000
0.0125	0.040	0.078	0.038	-0.171	0.190	0.361	-0.454	0.307	0.760	-0.436	0.319	0.755	-0.428	0.325	0.753	-0.480	0.336	0.816	-0.507			0.0125
0.0250	-0.004	0.086	0.090	-0.165	0.196	0.361	-0.482	0.290	0.772	-0.433	0.285	0.718	-0.433	0.297	0.729	-0.476	0.319	0.795	-0.507			0.0250
0.0420																				0.301		0.0420
0.0500	-0.036	0.107	0.143	-0.163	0.182	0.346	-0.349	0.270	0.619		0.237		-0.439	0.270	0.709	-0.476	0.284	0.760	-0.506			0.0500
0.0640																				0.289		0.0640
0.0750	-0.086	0.111	0.198	-0.189	0.178	0.366	-0.209	0.247	0.451	-0.403	0.203	0.606	-0.447	0.241	0.687	-0.478	0.250	0.728	-0.508			0.0750
0.0810																				0.273		0.0810
0.1000	-0.130	0.114	0.244	-0.193	0.172	0.365	-0.196	0.208	0.404	-0.405	0.197	0.602	-0.440	0.215	0.655	-0.479	0.233	0.712	-0.511	0.263	0.774	0.1000
0.1500	-0.176	0.128	0.304	-0.206	0.166	0.372	-0.188	0.168	0.356	-0.407	0.163	0.569	-0.423	0.188	0.611	-0.488	0.199	0.687	-0.513	0.242	0.755	0.1500
0.2000	-0.210	0.137	0.347	-0.206	0.147	0.353	-0.185	0.175	0.360	-0.347			-0.407	0.169	0.576	-0.486	0.176	0.661	-0.517	0.217	0.735	0.2000
0.3000	-0.210	0.130	0.340	-0.204	0.131	0.334	-0.188	0.126	0.314				-0.373	0.141	0.514	-0.496	0.143	0.639	-0.508	0.184	0.691	0.3000
0.4000	-0.205	0.113	0.317	-0.204	0.109	0.312	-0.181	0.110	0.291				-0.313	0.120	0.433	-0.489	0.125	0.614	-0.515	0.164	0.679	0.4000
0.5000	-0.194	0.102	0.296	-0.185	0.093	0.277	-0.175	0.097	0.272				-0.260	0.104	0.364	-0.488	0.113	0.601	-0.515	0.161	0.676	0.5000
0.6000	-0.182	0.079	0.261	-0.190	0.077	0.267	-0.182	0.084	0.266				-0.190	0.092	0.282	-0.488	0.108	0.596	-0.516	0.148	0.664	0.6000
0.7000	-0.187	0.078	0.265	-0.197	0.070	0.267	-0.189	0.082	0.271				-0.170	0.085	0.256	-0.477	0.099	0.576	-0.519	0.133	0.652	0.7000
0.8000	-0.196	0.061	0.256	-0.199	0.063	0.262	-0.194	0.066	0.259				-0.179	0.086	0.265	-0.470	0.104	0.574	-0.519	0.116	0.635	0.8000
0.9000	-0.157	0.074	0.231	-0.159	0.083	0.242	-0.149	0.081	0.230				-0.157	0.088	0.245	-0.451	0.074	0.525	-0.501	0.119	0.620	0.9000
1.0000	-0.071	0.117	0.188	-0.076	0.130	0.206	-0.055	0.130	0.185				-0.105	0.092	0.196	-0.421	0.010	0.431	-0.466	0.140	0.606	1.0000
	M = 1.301 α = 12.06																					
0.0000	-0.441	0.325	0.766	-0.525	0.317	0.842	-0.552	0.358	0.911				-0.562	0.382	0.944	-0.554	0.348	0.902	-0.558	0.341		0.0000
0.0125	-0.390	0.307	0.698	-0.525	0.312	0.837	-0.559	0.356	0.915	-0.570	0.359	0.929	-0.566	0.387	0.943	-0.549	0.379	0.928	-0.561			0.0125
0.0250	-0.340	0.291	0.631	-0.533	0.306	0.839	-0.564	0.353	0.918	-0.575	0.362	0.937	-0.553	0.387	0.941	-0.546	0.396	0.942	-0.563			0.0250
0.0420																				0.387		0.0420
0.0500	-0.242	0.263	0.505	-0.575	0.290	0.865	-0.574	0.344	0.918		0.338		-0.556	0.375	0.931	-0.549	0.385	0.934	-0.563			0.0500
0.0640																				0.387		0.0640
0.0750	-0.234	0.237	0.471	-0.357	0.283	0.639	-0.592	0.319	0.911	-0.581	0.313	0.894	-0.557	0.351	0.908	-0.552	0.364	0.916	-0.564			0.0750
0.0810																				0.376		0.0810
0.1000	-0.231	0.236	0.467	-0.240	0.267	0.507	-0.602	0.298	0.900	-0.610	0.309	0.919	-0.566	0.325	0.892	-0.552	0.345	0.897	-0.566	0.369	0.935	0.1000
0.1500	-0.234	0.235	0.468	-0.248	0.243	0.492	-0.497	0.284	0.781	-0.630	0.276	0.906	-0.593	0.301	0.894	-0.559	0.315	0.874	-0.566	0.350	0.916	0.1500
0.2000	-0.245	0.228	0.472	-0.249	0.259	0.507	-0.273	0.277	0.550	-0.641			-0.611	0.289	0.900	-0.557	0.296	0.853	-0.570	0.332	0.902	0.2000
0.3000	-0.251	0.223	0.473	-0.245	0.228	0.473	-0.251	0.240	0.491				-0.640	0.252	0.892	-0.581	0.268	0.849	-0.559	0.298	0.856	0.3000
0.4000	-0.247	0.212	0.458	-0.245	0.204	0.449	-0.240	0.212	0.452				-0.572	0.225	0.797	-0.603	0.262	0.866	-0.573	0.271	0.844	0.4000
0.5000	-0.239	0.185	0.424	-0.235	0.179	0.414	-0.234	0.192	0.425				-0.330	0.214	0.545	-0.618	0.246	0.864	-0.577	0.252	0.829	0.5000
0.6000	-0.229	0.186	0.415	-0.235	0.182	0.418	-0.240	0.192	0.433				-0.282	0.212	0.493	-0.629	0.211	0.840	-0.580	0.239	0.819	0.6000
0.7000	-0.238	0.193	0.431	-0.241	0.205	0.446	-0.240	0.202	0.442				-0.247	0.193	0.440	-0.629	0.189	0.818	-0.584	0.236	0.820	0.7000
0.8000	-0.254	0.167	0.421	-0.252	0.160	0.412	-0.251	0.166	0.417				-0.229	0.166	0.395	-0.626	0.172	0.798	-0.590	0.216	0.806	0.8000
0.9000	-0.247	0.146	0.392	-0.239	0.145	0.384	-0.237	0.144	0.381				-0.232	0.147	0.379	-0.648	0.155	0.803	-0.527	0.206	0.734	0.9000
1.0000	-0.215	0.130	0.345	-0.202	0.160	0.362	-0.198	0.137	0.335				-0.256	0.137	0.393	-0.694	0.138	0.833	-0.396	0.205	0.601	1.0000
	M = 1.300 α = 16.02																					
0.0000	-0.553	0.411	0.964	-0.642	0.388	1.030	-0.625	0.397	1.022				-0.610	0.378	0.987	-0.607	0.318	0.924	-0.596	0.344		0.0000
0.0125	-0.590	0.413	1.003	-0.634	0.390	1.024	-0.629	0.400	1.029	-0.610	0.390	1.000	-0.614	0.412	1.026	-0.594	0.401	0.995	-0.606			0.0125
0.0250	-0.612	0.409	1.021	-0.635	0.394	1.028	-0.632	0.406	1.037	-0.616	0.438	1.054	-0.617	0.434	1.051	-0.587	0.454	1.042	-0.611			0.0250
0.0420																				0.425		0.0420
0.0500	-0.610	0.388	0.998	-0.663	0.406	1.069	-0.632	0.424	1.056		0.436		-0.616	0.445	1.061	-0.594	0.469	1.063	-0.608			0.0500
0.0640																				0.440		0.0640
0.0750	-0.414	0.366	0.780	-0.665	0.384	1.049	-0.655	0.413	1.068	-0.626	0.414	1.040	-0.618	0.439	1.057	-0.597	0.461	1.058	-0.608			0.0750
0.0810																				0.438		0.0810
0.1000	-0.363	0.344	0.708	-0.662	0.376	1.038	-0.686	0.398	1.085	-0.648	0.403	1.051	-0.619	0.422	1.041	-0.599	0.447	1.046	-0.608	0.441	1.049	0.1000
0.1500	-0.317	0.345	0.662	-0.560	0.353	0.913	-0.686	0.372	1.058	-0.679	0.376	1.056	-0.647	0.395	1.042	-0.608	0.422	1.029	-0.610	0.434	1.044	0.1500
0.2000	-0.316	0.339	0.654	-0.430	0.348	0.778	-0.676	0.367	1.043	-0.691			-0.657	0.380	1.036	-0.604	0.399	1.003	-0.617	0.426	1.043	0.2000
0.3000	-0.305	0.324	0.629	-0.311	0.321	0.632	-0.503	0.330	0.833				-0.685	0.363	1.048	-0.620	0.366	0.986	-0.605	0.404	1.009	0.3000
0.4000	-0.297	0.307	0.604	-0.314	0.315	0.628	-0.476	0.334	0.810				-0.690	0.343	1.034	-0.639	0.338	0.977	-0.617	0.379	0.996	0.4000
0.5000	-0.299	0.313	0.612	-0.309	0.309	0.617	-0.371	0.312	0.683				-0.664	0.304	0.968	-0.658	0.327	0.987	-0.620	0.365	0.985	0.5000
0.6000	-0.294	0.278	0.572	-0.309	0.269	0.578	-0.334	0.286	0.620				-0.583	0.286	0.869	-0.664	0.316	0.980	-0.622	0.344	0.966	0.6000
0.7000	-0.288	0.273	0.561	-0.309	0.261	0.570	-0.320	0.272	0.592				-0.511	0.280	0.791	-0.669	0.301	0.970	-0.624	0.331	0.955	0.7000
0.8000	-0.312	0.251	0.562	-0.316	0.256	0.573	-0.317	0.265	0.582				-0.478	0.275	0.753	-0.677	0.281	0.958	-0.625	0.314	0.939	0.8000
0.9000	-0.317	0.244	0.561	-0.315	0.250	0.564	-0.321	0.249	0.570				-0.406	0.256	0.661	-0.654	0.256	0.910	-0.575	0.317	0.892	0.9000
1.0000	-0.303	0.254	0.557	-0.304	0.241	0.545	-0.330	0.226	0.556				-0.294	0.223	0.517	-0.598	0.227	0.825	-0.475	0.338	0.813	1.0000

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.9°$ - Continued

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 2.232 α = -03.70																					
0.0000	0.328	-0.075	-0.404	0.309	-0.028	-0.338	0.292	0.001	-0.291				0.290	0.033	-0.258	0.292	0.017	-0.274	0.304	-0.091		0.0000
0.0125	0.250	-0.062	-0.312	0.253	-0.047	-0.300	0.242	-0.024	-0.267	0.228	-0.018	-0.246	0.239	0.002	-0.237	0.242	0.005	-0.237	0.245			0.0125
0.0250	0.194	-0.054	-0.248	0.211	-0.060	-0.271	0.207	-0.042	-0.249	0.185	-0.034	-0.218	0.199	-0.015	-0.214	0.203	-0.008	-0.210	0.201			0.0250
0.0420																				-0.037		0.0420
0.0500	0.151	-0.050	-0.202	0.166	-0.068	-0.234	0.184	-0.052	-0.237		-0.051		0.150	-0.009	-0.159	0.158	-0.030	-0.188	0.159			0.0500
0.0640																				-0.035		0.0640
0.0750	0.135	-0.052	-0.186	0.124	-0.069	-0.193	0.117	-0.067	-0.184	0.112	-0.063	-0.175	0.125	-0.038	-0.163	0.129	-0.040	-0.169	0.138			0.0750
0.0810																				-0.046		0.0810
0.1000	0.120	-0.052	-0.172	0.110	-0.066	-0.176	0.107	-0.071	-0.178	0.094	-0.066	-0.161	0.108	-0.046	-0.155	0.108	-0.050	-0.158	0.124	-0.049	-0.172	0.1000
0.1500	0.100	-0.041	-0.141	0.087	-0.064	-0.151	0.083	-0.065	-0.148	0.071	-0.075	-0.146	0.077	-0.056	-0.133	0.083	-0.061	-0.144	0.106	-0.050	-0.156	0.1500
0.2000	0.079	-0.029	-0.108	0.075	-0.062	-0.137	0.074	0.006	-0.068	0.061			0.068	-0.060	-0.128	0.074	-0.062	-0.135	0.090	-0.055	-0.145	0.2000
0.3000	0.059	-0.032	-0.092	0.052	-0.037	-0.089	0.048	-0.058	-0.106				0.052	-0.066	-0.118	0.055	-0.076	-0.131	0.081	-0.063	-0.144	0.3000
0.4000	0.031	-0.030	-0.061	0.037	-0.039	-0.076	0.031	-0.053	-0.084				0.036	-0.073	-0.109	0.051	-0.083	-0.134	0.056	-0.070	-0.126	0.4000
0.5000	0.022	-0.027	-0.049	0.025	-0.037	-0.062	0.028	-0.049	-0.077				0.029	-0.067	-0.096	0.040	-0.089	-0.129	0.047	-0.075	-0.123	0.5000
0.6000	0.048	-0.034	-0.082	0.020	-0.046	-0.067	0.018	-0.051	-0.069				0.022	-0.063	-0.085	0.032	-0.094	-0.126	0.040	-0.088	-0.128	0.6000
0.7000	0.044	-0.037	-0.082	0.014	-0.047	-0.061	0.015	-0.052	-0.067				0.019	-0.062	-0.081	0.023	-0.093	-0.116	0.036	-0.087	-0.123	0.7000
0.8000	0.003	-0.060	-0.063	0.011	-0.050	-0.061	0.012	-0.054	-0.066				0.013	-0.060	-0.074	0.015	-0.100	-0.115	0.032	-0.089	-0.121	0.8000
0.9000	0.007	-0.060	-0.067	0.004	-0.056	-0.060		-0.056	-0.055				0.010	-0.058	-0.068	0.012	-0.100	-0.113	0.027	-0.091	-0.118	0.9000
1.0000	0.058	-0.036	-0.094	0.009	-0.066	-0.056	-0.022	-0.057	-0.035				0.011	-0.054	-0.065	0.014	-0.093	-0.107	0.022	-0.093	-0.115	1.0000
	M = 2.236 α = 00.40																					
0.0000	0.276	-0.052	-0.328	0.250	-0.014	-0.264	0.240	-0.080	-0.319				0.060	0.202	0.142	0.116	0.211	0.094	0.114	0.128		0.0000
0.0125	0.224	-0.050	-0.274	0.231	-0.044	-0.275	0.183	-0.061	-0.244	0.079	0.130	0.050	0.065	0.148	0.083	0.092	0.160	0.068	0.087			0.0125
0.0250	0.188	-0.048	-0.236	0.209	-0.065	-0.274	0.138	-0.041	-0.180	0.062	0.097	0.035	0.064	0.108	0.044	0.072	0.121	0.049	0.066			0.0250
0.0420																				0.089		0.0420
0.0500	0.163	-0.044	-0.207	0.159	-0.078	-0.237	0.085	0.005	-0.080		0.055		0.039	0.069	0.030	0.047	0.079	0.033	0.044			0.0500
0.0640																				0.075		0.0640
0.0750	0.119	-0.045	-0.164	0.109	-0.081	-0.190	0.061	-0.003	-0.064	0.026	0.027	0.001	0.025	0.038	0.013	0.026	0.058	0.031	0.030			0.0750
0.0810																				0.067		0.0810
0.1000	0.089	-0.051	-0.140	0.074	-0.062	-0.135	0.044	-0.014	-0.058	0.014	0.012	-0.002	0.012	0.022	0.010	0.010	0.046	0.036	0.019	0.060	0.042	0.1000
0.1500	0.074	-0.051	-0.125	0.039	-0.050	-0.089	0.019	-0.026	-0.045	0.001	-0.015	-0.016		0.007	0.007	-0.010	0.025	0.035	0.007	0.048	0.041	0.1500
0.2000	0.054	-0.038	-0.092	0.024	-0.040	-0.063	0.009	0.040	0.030	-0.004			-0.007	-0.014	-0.007	-0.012	0.012	0.024	-0.009	0.037	0.046	0.2000
0.3000	0.019	0.022	0.003	-0.001	-0.010	-0.009	-0.005	-0.004	0.001				-0.013	-0.019	-0.006	-0.027	-0.012	0.015	-0.007	0.018	0.025	0.3000
0.4000	-0.011	0.013	0.024	-0.017	0.004	0.021	-0.023	-0.009	0.015				-0.019	-0.012	0.006	-0.028	-0.021	0.007	-0.028	0.003	0.031	0.4000
0.5000	-0.025	0.006	0.031	-0.023	-0.006	0.017	-0.031	-0.016	0.016				-0.028	-0.017	0.012	-0.033	-0.027	0.006	-0.037	-0.007	0.030	0.5000
0.6000	-0.016	0.001	0.017	-0.031	-0.011	0.019	-0.034	-0.021	0.013				-0.033	-0.021	0.012	-0.034	-0.030	0.005	-0.042	-0.021	0.021	0.6000
0.7000	-0.001	-0.005	-0.004	-0.034	-0.018	0.016	-0.038	-0.023	0.015				-0.036	-0.024	0.013	-0.035	-0.026	0.009	-0.045	-0.029	0.016	0.7000
0.8000	-0.035	-0.028	0.007	-0.038	-0.026	0.013	-0.037	-0.023	0.013				-0.037	-0.027	0.010	-0.039	-0.029	0.010	-0.047	-0.032	0.014	0.8000
0.9000	-0.039	-0.033	0.006	-0.037	-0.031	0.006	-0.041	-0.034	0.007				-0.042	-0.031	0.012	-0.039	-0.032	0.007	-0.049	-0.032	0.017	0.9000
1.0000	-0.011	-0.019	-0.008	-0.031	-0.033	-0.002	-0.051	-0.056	-0.004				-0.053	-0.036	0.017	-0.035	-0.034	0.001	-0.054	-0.029	0.025	1.0000
	M = 2.232 α = 04.31																					
0.0000	0.260	-0.086	-0.346	-0.176	-0.088	0.088	0.037	0.065	0.027				-0.080	0.317	0.397	-0.035	0.328	0.363	-0.029	0.273		0.0000
0.0125	0.193	-0.065	-0.259	0.023	-0.123	-0.146	0.012	0.065	0.053	-0.091	0.255	0.346	-0.076	0.262	0.338	-0.046	0.276	0.322	-0.058			0.0125
0.0250	0.146	-0.052	-0.198	0.130	-0.137	-0.266	-0.007	0.067	0.074	-0.087	0.203	0.291	-0.075	0.217	0.293	-0.055	0.235	0.290	-0.075			0.0250
0.0420																				0.215		0.0420
0.0500	0.113	-0.047	-0.160	0.065	-0.100	-0.165	-0.027	0.072	0.099		0.154		-0.083	0.158	0.241	-0.063	0.189	0.252	-0.076			0.0500
0.0640																				0.193		0.0640
0.0750	0.077	-0.036	-0.114	0.021	0.001	-0.019	-0.037	0.067	0.104	-0.073	0.122	0.195	-0.082	0.134	0.216	-0.075	0.158	0.234	-0.080			0.0750
0.0810																				0.181		0.0810
0.1000	0.051	-0.034	-0.085	0.004	0.017	0.013	-0.043	0.063	0.105	-0.070	0.105	0.175	-0.082	0.113	0.195	-0.083	0.144	0.227	-0.081	0.171	0.251	0.1000
0.1500	0.014	-0.030	-0.044	-0.015	0.033	0.048	-0.047	0.055	0.101	-0.063	0.078	0.141	-0.079	0.088	0.167	-0.097	0.115	0.212	-0.084	0.154	0.239	0.1500
0.2000	-0.016	0.015	0.031	-0.039	0.053	0.092	-0.049	0.134	0.182	-0.058			-0.082	0.075	0.157	-0.091	0.100	0.191	-0.099	0.135	0.234	0.2000
0.3000	-0.047	0.041	0.088	-0.055	0.069	0.123	-0.064	0.053	0.117				-0.080	0.065	0.144	-0.106	0.076	0.182	-0.086	0.112	0.198	0.3000
0.4000	-0.074	0.053	0.127	-0.066	0.056	0.122	-0.074	0.042	0.116				-0.072	0.057	0.129	-0.104	0.067	0.171	-0.106	0.091	0.197	0.4000
0.5000	-0.078	0.048	0.126	-0.073	0.041	0.115	-0.077	0.036	0.113				-0.078	0.043	0.121	-0.111	0.058	0.170	-0.111	0.078	0.190	0.5000
0.6000	-0.045	0.034	0.078	-0.078	0.036	0.114	-0.080	0.026	0.106				-0.081	0.035	0.116	-0.110	0.047	0.158	-0.114	0.062	0.176	0.6000
0.7000	-0.037	0.025	0.062	-0.079	0.020	0.098	-0.078	0.021	0.100				-0.079	0.030	0.109	-0.109	0.041	0.150	-0.117	0.054	0.171	0.7000
0.8000	-0.076	0.005	0.080	-0.078	0.009	0.087	-0.076	0.012	0.088				-0.083	0.022	0.104	-0.107	0.031	0.138	-0.117	0.050	0.167	0.8000
0.9000	-0.068	0.001	0.070	-0.076	0.006	0.081	-0.081	0.002	0.083				-0.080	0.011	0.092	-0.101	0.024	0.125	-0.114	0.055	0.169	0.9000
1.0000	-0.015	0.016	0.031	-0.071	0.010	0.082	-0.095	-0.009	0.085				-0.072	-0.001	0.071	-0.089	0.020	0.109	-0.108	0.071	0.179	1.0000

TABLE VI.- PRESSURE COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_W$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Concluded

(c) BVWC $\delta = 9.9°$- Concluded

x/c	2y/b = 0.200			2y/b = 0.250			2y/b = 0.300			2y/b = 0.350			2y/b = 0.400			2y/b = 0.600			2y/b = 0.800			x/c
	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	C_{p_u}	C_{p_l}	ΔC_p	
	M = 2.232 α = 08.31																					
0.0000	-0.027	0.183	0.210	-0.035	0.250	0.285	-0.126	0.336	0.462				-0.154	0.373	0.527	-0.123	0.395	0.518	-0.110	0.367		0.0000
0.0125	-0.027	0.183	0.211	-0.068	0.235	0.303	-0.122	0.281	0.403	-0.146	0.305	0.450	-0.140	0.327	0.467	-0.123	0.359	0.482	-0.134			0.0125
0.0250	-0.029	0.180	0.208	-0.090	0.219	0.309	-0.120	0.241	0.361	-0.148	0.270	0.418	-0.133	0.290	0.423	-0.123	0.329	0.451	-0.148			0.0250
0.0420																				0.320		0.0420
0.0500	-0.032	0.162	0.195	-0.102	0.183	0.284	-0.124	0.202	0.326		0.233		-0.140	0.244	0.384	-0.123	0.286	0.409	-0.142			0.0500
0.0640																				0.300		0.0640
0.0750	-0.042	0.134	0.175	-0.087	0.168	0.255	-0.126	0.177	0.304	-0.135	0.205	0.340	-0.139	0.220	0.359	-0.132	0.255	0.387	-0.143			0.0750
0.0810																				0.287		0.0810
0.1000	-0.053	0.128	0.182	-0.080	0.156	0.235	-0.128	0.164	0.291	-0.133	0.192	0.325	-0.138	0.202	0.339	-0.135	0.240	0.375	-0.142	0.277	0.419	0.1000
0.1500	-0.065	0.121	0.186	-0.086	0.142	0.228	-0.128	0.152	0.280	-0.133	0.168	0.300	-0.136	0.174	0.310	-0.147	0.208	0.355	-0.140	0.254	0.394	0.1500
0.2000	-0.083	0.119	0.201	-0.092	0.136	0.228	-0.124	0.204	0.328	-0.133			-0.137	0.157	0.294	-0.138	0.192	0.330	-0.153	0.237	0.390	0.2000
0.3000	-0.097	0.109	0.205	-0.102	0.134	0.235	-0.118	0.121	0.239				-0.138	0.136	0.274	-0.150	0.165	0.315	-0.133	0.205	0.338	0.3000
0.4000	-0.115	0.103	0.219	-0.110	0.107	0.217	-0.115	0.101	0.216				-0.138	0.119	0.257	-0.148	0.150	0.298	-0.151	0.181	0.332	0.4000
0.5000	-0.115	0.091	0.207	-0.112	0.090	0.202	-0.111	0.093	0.204				-0.140	0.099	0.240	-0.152	0.135	0.287	-0.155	0.167	0.323	0.5000
0.6000	-0.076	0.082	0.158	-0.107	0.074	0.181	-0.109	0.076	0.185				-0.137	0.091	0.228	-0.153	0.118	0.271	-0.158	0.148	0.306	0.6000
0.7000	-0.053	0.075	0.127	-0.103	0.071	0.174	-0.106	0.072	0.178				-0.131	0.084	0.214	-0.151	0.107	0.258	-0.157	0.141	0.299	0.7000
0.8000	-0.091	0.039	0.130	-0.101	0.055	0.157	-0.102	0.061	0.164				-0.131	0.074	0.205	-0.151	0.095	0.246	-0.155	0.132	0.287	0.8000
0.9000	-0.096	0.046	0.142	-0.099	0.052	0.151	-0.106	0.051	0.157				-0.127	0.062	0.188	-0.148	0.083	0.231	-0.147	0.133	0.280	0.9000
1.0000	-0.067	0.097	0.165	-0.098	0.060	0.157	-0.116	0.041	0.157				-0.116	0.048	0.164	-0.142	0.073	0.214	-0.133	0.143	0.277	1.0000
	M = 2.226 α = 12.31																					
0.0000	-0.136	0.367	0.503	-0.144	0.365	0.509	-0.168	0.385	0.553				-0.193	0.407	0.600	-0.155	0.422	0.577	-0.141	0.409		0.0000
0.0125	-0.131	0.356	0.488	-0.145	0.348	0.494	-0.166	0.351	0.517	-0.171	0.379	0.549	-0.173	0.384	0.556	-0.157	0.412	0.569	-0.166			0.0125
0.0250	-0.128	0.341	0.469	-0.147	0.333	0.480	-0.165	0.325	0.490	-0.174	0.356	0.530	-0.162	0.362	0.525	-0.159	0.400	0.558	-0.181			0.0250
0.0420																				0.396		0.0420
0.0500	-0.125	0.297	0.422	-0.149	0.308	0.457	-0.164	0.297	0.462		0.324		-0.170	0.326	0.496	-0.159	0.368	0.527	-0.175			0.0500
0.0640																				0.382		0.0640
0.0750	-0.129	0.260	0.390	-0.154	0.277	0.431	-0.164	0.275	0.439	-0.166	0.292	0.458	-0.170	0.304	0.474	-0.162	0.342	0.504	-0.175			0.0750
0.0810																				0.369		0.0810
0.1000	-0.134	0.250	0.383	-0.149	0.253	0.402	-0.164	0.265	0.429	-0.166	0.279	0.445	-0.170	0.286	0.456	-0.165	0.326	0.491	-0.173	0.358	0.532	0.1000
0.1500	-0.139	0.230	0.370	-0.148	0.234	0.382	-0.166	0.244	0.409	-0.164	0.252	0.416	-0.167	0.263	0.429	-0.176	0.296	0.472	-0.169	0.338	0.507	0.1500
0.2000	-0.137	0.221	0.358	-0.152	0.226	0.379	-0.166	0.279	0.445	-0.166			-0.168	0.244	0.413	-0.162	0.279	0.441	-0.184	0.321	0.505	0.2000
0.3000	-0.132	0.189	0.322	-0.157	0.212	0.368	-0.164	0.196	0.360				-0.167	0.212	0.379	-0.175	0.247	0.421	-0.158	0.291	0.449	0.3000
0.4000	-0.132	0.181	0.313	-0.160	0.191	0.351	-0.162	0.176	0.338				-0.165	0.193	0.358	-0.173	0.230	0.403	-0.177	0.269	0.446	0.4000
0.5000	-0.130	0.160	0.290	-0.154	0.163	0.317	-0.158	0.160	0.317				-0.167	0.178	0.345	-0.175	0.209	0.384	-0.181	0.254	0.435	0.5000
0.6000	-0.071	0.151	0.222	-0.140	0.151	0.291	-0.161	0.145	0.306				-0.164	0.164	0.327	-0.176	0.192	0.368	-0.181	0.232	0.412	0.6000
0.7000	-0.060	0.137	0.196	-0.127	0.132	0.259	-0.157	0.141	0.298				-0.159	0.151	0.309	-0.175	0.180	0.355	-0.179	0.223	0.401	0.7000
0.8000	-0.107	0.111	0.218	-0.119	0.123	0.242	-0.151	0.130	0.280				-0.161	0.144	0.305	-0.175	0.164	0.339	-0.177	0.211	0.388	0.8000
0.9000	-0.110	0.109	0.219	-0.115	0.116	0.231	-0.147	0.113	0.260				-0.159	0.128	0.287	-0.173	0.150	0.323	-0.174	0.211	0.384	0.9000
1.0000	-0.068	0.130	0.198	-0.116	0.111	0.227	-0.144	0.092	0.236				-0.151	0.103	0.254	-0.168	0.140	0.308	-0.169	0.221	0.390	1.0000
	M = 2.233 α = 16.32																					
0.0000	-0.175	0.429	0.604	-0.173	0.454	0.627	-0.192	0.426	0.618				-0.220	0.442	0.662	-0.175	0.450	0.626	-0.159	0.429		0.0000
0.0125	-0.169	0.449	0.618	-0.175	0.436	0.611	-0.189	0.427	0.616	-0.181	0.435	0.617	-0.193	0.442	0.635	-0.174	0.470	0.644	-0.180			0.0125
0.0250	-0.165	0.452	0.618	-0.176	0.420	0.597	-0.188	0.423	0.611	-0.191	0.440	0.631	-0.179	0.437	0.617	-0.173	0.479	0.652	-0.191			0.0250
0.0420																				0.467		0.0420
0.0500	-0.166	0.407	0.573	-0.178	0.395	0.574	-0.188	0.405	0.592		0.414		-0.191	0.414	0.605	-0.173	0.464	0.637	-0.184			0.0500
0.0640																				0.466		0.0640
0.0750	-0.165	0.350	0.515	-0.180	0.367	0.548	-0.188	0.379	0.567	-0.184	0.388	0.572	-0.191	0.401	0.593	-0.174	0.443	0.618	-0.186			0.0750
0.0810																				0.455		0.0810
0.1000	-0.169	0.342	0.511	-0.178	0.357	0.536	-0.188	0.369	0.557	-0.180	0.372	0.552	-0.191	0.382	0.574	-0.175	0.431	0.607	-0.181	0.446	0.627	0.1000
0.1500	-0.173	0.322	0.495	-0.177	0.339	0.517	-0.189	0.335	0.524	-0.180	0.346	0.525	-0.188	0.356	0.544	-0.191	0.402	0.592	-0.178	0.426	0.604	0.1500
0.2000	-0.174	0.309	0.484	-0.178	0.326	0.504	-0.190	0.359	0.549	-0.180			-0.189	0.335	0.524	-0.172	0.378	0.550	-0.195	0.416	0.611	0.2000
0.3000	-0.171	0.286	0.457	-0.178	0.304	0.482	-0.185	0.282	0.467				-0.188	0.297	0.485	-0.186	0.344	0.530	-0.167	0.389	0.555	0.3000
0.4000	-0.162	0.261	0.423	-0.180	0.263	0.443	-0.183	0.258	0.441				-0.184	0.284	0.468	-0.186	0.322	0.508	-0.191	0.361	0.553	0.4000
0.5000	-0.156	0.251	0.407	-0.182	0.245	0.426	-0.180	0.241	0.421				-0.186	0.261	0.446	-0.186	0.301	0.487	-0.193	0.349	0.542	0.5000
0.6000	-0.098	0.231	0.330	-0.175	0.227	0.402	-0.184	0.231	0.414				-0.184	0.247	0.431	-0.188	0.282	0.470	-0.193	0.326	0.519	0.6000
0.7000	-0.077	0.229	0.306	-0.162	0.222	0.385	-0.182	0.221	0.403				-0.178	0.235	0.413	-0.188	0.269	0.457	-0.190	0.315	0.505	0.7000
0.8000	-0.122	0.188	0.309	-0.160	0.202	0.362	-0.178	0.208	0.386				-0.181	0.218	0.399	-0.188	0.251	0.439	-0.189	0.306	0.495	0.8000
0.9000	-0.129	0.190	0.319	-0.152	0.195	0.347	-0.179	0.193	0.372				-0.178	0.205	0.383	-0.188	0.234	0.422	-0.188	0.305	0.493	0.9000
1.0000	-0.100	0.235	0.334	-0.139	0.201	0.340	-0.184	0.177	0.361				-0.171	0.195	0.365	-0.188	0.218	0.406	-0.186	0.311	0.497	1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION

(a) BVW

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.695		α = -04.15							
0.0000	1.041	0.323	-0.719	-0.876	0.370	1.246	-0.738	0.371	1.109	-0.614	0.461	1.076	-0.524	0.415		0.0000
0.0125	0.155	0.277	0.121	-0.914	0.304	1.218	-0.736	0.303	1.039	-0.611	0.354	0.965		0.327		0.0125
0.0250	-0.368	0.240	0.607	-0.924	0.250	1.175	-0.736	0.252	0.989	-0.610	0.277	0.887	-0.530	0.265	0.794	0.0250
0.0500	-0.325	0.191	0.516	-0.857	0.185	1.042	-0.747	0.202	0.949	-0.613	0.215	0.829	-0.531	0.219	0.749	0.0500
0.0750	-0.301	0.159	0.460	-0.713	0.152	0.864	-0.743	0.171	0.914	-0.612	0.180	0.792	-0.526			0.0750
0.1000	-0.283	0.139	0.422	-0.541	0.125	0.666	-0.729	0.146	0.876	-0.601	0.145	0.746	-0.523	0.151	0.674	0.1000
0.1500	-0.258	0.105	0.363	-0.269	0.087	0.356	-0.677	0.106	0.783	-0.582	0.105	0.688	-0.513	0.113	0.627	0.1500
0.2000	-0.253	0.089	0.342	-0.223	0.067	0.291	-0.540	0.082	0.621	-0.561	0.086	0.647	-0.502	0.094	0.596	0.2000
0.3000	-0.227	0.052	0.279	-0.204	0.039	0.244	-0.245	0.048	0.293	-0.471	0.063	0.534	-0.450	0.062	0.512	0.3000
0.4000	-0.191	0.029	0.220	-0.166	0.028	0.193	-0.144	0.037	0.181	-0.324	0.046	0.370	-0.345	0.040	0.386	0.4000
0.5000	-0.167	0.017	0.184	-0.146	0.021	0.167	-0.117	0.030	0.147	-0.195	0.037	0.233	-0.244	0.022	0.266	0.5000
0.6000	-0.135	0.006	0.142	-0.111	0.016	0.127	-0.096			-0.131	0.032	0.163	-0.170	0.012	0.181	0.6000
0.6170								0.037								0.6170
0.7000	-0.115	0.005	0.119	-0.089	0.024	0.113	-0.080	0.040	0.120	-0.098	0.026	0.124	-0.116			0.7000
0.7100														0.001		0.7100
0.8000		0.026		-0.065	0.038	0.103	-0.067	0.057	0.124	-0.056	0.024	0.081	-0.074			0.8000
0.8100														-0.008		0.8100
0.9000	-0.058	0.035	0.093	-0.025			-0.039	0.045	0.084	-0.009	0.004	0.013				0.9000
1.0000	-0.022	0.031	0.053	0.032	0.084	0.052	0.004	0.004	0.000	0.043	-0.035	-0.077	-0.027	-0.028		1.0000
							M = 0.700		α = 00.05							
0.0000	1.149	0.303	-0.845	-0.861	0.346	1.206	-0.713	0.354	1.067	-0.581	0.413	0.994	-0.451	0.377		0.0000
0.0125	0.189	0.254	0.066	-0.902	0.284	1.185	-0.713	0.285	0.998	-0.580	0.326	0.906		0.309		0.0125
0.0250	-0.378	0.216	0.594	-0.914	0.236	1.149	-0.715	0.235	0.949	-0.580	0.262	0.843	-0.474	0.259	0.732	0.0250
0.0500	-0.331	0.169	0.500	-0.850	0.182	1.032	-0.722	0.192	0.914	-0.582	0.205	0.788	-0.483	0.209	0.692	0.0500
0.0750	-0.309	0.140	0.449	-0.710	0.141	0.851	-0.722	0.161	0.883	-0.577	0.176	0.753	-0.479			0.0750
0.1000	-0.294	0.120	0.414	-0.521	0.114	0.635	-0.717	0.137	0.853	-0.568	0.140	0.709	-0.477	0.147	0.624	0.1000
0.1500	-0.270	0.091	0.361	-0.255	0.082	0.337	-0.671	0.103	0.774	-0.556	0.106	0.663	-0.474	0.113	0.587	0.1500
0.2000	-0.262	0.077	0.339	-0.224	0.062	0.286	-0.525	0.080	0.605	-0.538	0.087	0.625	-0.472	0.100	0.572	0.2000
0.3000	-0.229	0.044	0.273	-0.197	0.041	0.238	-0.214	0.052	0.266	-0.450	0.069	0.520	-0.427	0.070	0.497	0.3000
0.4000	-0.189	0.028	0.217	-0.157	0.030	0.187	-0.129	0.044	0.173	-0.303	0.053	0.357	-0.328	0.049	0.377	0.4000
0.5000	-0.163	0.020	0.183	-0.134	0.029	0.162	-0.105	0.039	0.144	-0.173	0.045	0.218	-0.240	0.034	0.274	0.5000
0.6000	-0.127	0.017	0.144	-0.097	0.029	0.126	-0.084			-0.113	0.041	0.154	-0.170	0.022	0.192	0.6000
0.6170								0.042								0.6170
0.7000	-0.096	0.017	0.113	-0.077	0.038	0.115	-0.069	0.047	0.116	-0.078	0.037	0.114	-0.114			0.7000
0.7100														0.013		0.7100
0.8000		0.036		-0.049	0.052	0.101	-0.055	0.066	0.120	-0.040	0.032	0.072	-0.067			0.8000
0.8100														0.003		0.8100
0.9000	-0.036	0.050	0.086	-0.008			-0.025	0.057	0.082	0.005	0.015	0.011				0.9000
1.0000	-0.008	0.060	0.068	0.046	0.089	0.043	0.019	0.019	0.001	0.055	-0.013	-0.069	0.001	-0.023		1.0000
							M = 0.700		α = 04.10							
0.0000	1.049	0.195	-0.854	-0.886	0.291	1.177	-0.722	0.303	1.025	-0.584	0.363	0.946	-0.462	0.318		0.0000
0.0125	0.148	0.165	0.017	-0.932	0.232	1.164	-0.721	0.244	0.965	-0.579	0.281	0.860		0.257		0.0125
0.0250	-0.385	0.140	0.525	-0.944	0.186	1.130	-0.721	0.200	0.922	-0.577	0.222	0.798	-0.471	0.213	0.684	0.0250
0.0500	-0.349	0.105	0.454	-0.868	0.131	1.000	-0.726	0.159	0.885	-0.578	0.173	0.751	-0.472	0.179	0.651	0.0500
0.0750	-0.333	0.080	0.413	-0.708	0.097	0.805	-0.732	0.132	0.865	-0.572	0.143	0.715	-0.467			0.0750
0.1000	-0.318	0.065	0.382	-0.505	0.072	0.576	-0.732	0.107	0.839	-0.567	0.114	0.680	-0.466	0.125	0.590	0.1000
0.1500	-0.302	0.037	0.339	-0.281	0.040	0.321	-0.690	0.074	0.764	-0.557	0.085	0.642	-0.467	0.094	0.561	0.1500
0.2000	-0.292	0.028	0.319	-0.260	0.024	0.284	-0.528	0.056	0.584	-0.540	0.068	0.609	-0.467	0.078	0.545	0.2000
0.3000	-0.260	0.002	0.261	-0.226	0.007	0.233	-0.204	0.032	0.236	-0.454	0.051	0.505	-0.430	0.050	0.480	0.3000
0.4000	-0.217	-0.008	0.208	-0.182	0.001	0.184	-0.137	0.023	0.161	-0.306	0.039	0.345	-0.345	0.031	0.375	0.4000
0.5000	-0.186	-0.010	0.176	-0.157	-0.001	0.157	-0.117	0.021	0.137	-0.175	0.031	0.206	-0.263	0.017	0.279	0.5000
0.6000	-0.149	-0.010	0.139	-0.117	0.002	0.118	-0.095			-0.113	0.027	0.139	-0.193	0.006	0.199	0.6000
0.6170								0.024								0.6170
0.7000	-0.115	-0.007	0.107	-0.095	0.014	0.109	-0.079	0.031	0.110	-0.085	0.024	0.109	-0.129			0.7000
0.7100														-0.002		0.7100
0.8000		0.013		-0.068	0.024	0.091	-0.066	0.049	0.115	-0.046	0.016	0.063	-0.082			0.8000
0.8100														-0.012		0.8100
0.9000	-0.044	0.025	0.069	-0.030			-0.039	0.042	0.081	-0.004	0.001	0.005				0.9000
1.0000	-0.007	0.031	0.038	0.018	0.038	0.019	0.002	0.010	0.008	0.041	-0.023	-0.064	-0.040	-0.042		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 0.700 α = 07.96															
0.0000	0.824	-0.077	-0.901	-0.903	0.263	1.166	-0.745	0.277	1.022	-0.600	0.320	0.920	-0.475	0.284		0.0000
0.0125	0.152	-0.071	-0.223	-0.963	0.200	1.163	-0.744	0.221	0.964	-0.589	0.256	0.846		0.236		0.0125
0.0250	-0.258	-0.063	0.194	-0.976	0.153	1.129	-0.744	0.179	0.923	-0.583	0.208	0.792	-0.464	0.200	0.664	0.0250
0.0500	-0.288	-0.044	0.243	-0.863	0.106	0.968	-0.748	0.140	0.888	-0.585	0.158	0.743	-0.458	0.165	0.624	0.0500
0.0750	-0.319	-0.038	0.281	-0.660	0.068	0.728	-0.759	0.113	0.872	-0.578	0.133	0.711	-0.459			0.0750
0.1000	-0.325	-0.033	0.293	-0.446	0.048	0.494	-0.758	0.093	0.851	-0.573	0.102	0.675	-0.457	0.114	0.572	0.1000
0.1500	-0.329	-0.033	0.296	-0.305	0.022	0.326	-0.709	0.060	0.769	-0.565	0.080	0.645	-0.461	0.086	0.547	0.1500
0.2000	-0.326	-0.033	0.292	-0.286	0.006	0.291	-0.523	0.044	0.567	-0.550	0.064	0.614	-0.464	0.073	0.537	0.2000
0.3000	-0.297	-0.037	0.260	-0.248	-0.008	0.240	-0.194	0.023	0.217	-0.464	0.046	0.510	-0.434	0.044	0.477	0.3000
0.4000	-0.253	-0.035	0.218	-0.197	-0.008	0.189	-0.145	0.017	0.161	-0.310	0.035	0.345	-0.358	0.028	0.386	0.4000
0.5000	-0.217	-0.027	0.190	-0.170	-0.005	0.165	-0.125	0.015	0.141	-0.169	0.029	0.197	-0.281	0.015	0.296	0.5000
0.6000	-0.179	-0.021	0.158	-0.127	0.000	0.128	-0.102			-0.107	0.025	0.133	-0.206	0.003	0.210	0.6000
0.6170								0.021								0.6170
0.7000	-0.148	-0.011	0.137	-0.103	0.011	0.114	-0.083	0.024	0.107	-0.081	0.021	0.102	-0.136			0.7000
0.7100														-0.004		0.7100
0.8000		0.013		-0.067	0.024	0.091	-0.070	0.044	0.114	-0.048	0.015	0.063	-0.080			0.8000
0.8100														-0.012		0.8100
0.9000	-0.074	0.028	0.101	-0.028			-0.043	0.037	0.080	-0.004	-0.003	0.001				0.9000
1.0000	-0.030	0.032	0.062	0.015	0.054	0.039	-0.001	0.004	0.006	0.052	-0.032	-0.084	-0.011	-0.030		1.0000
	M = 0.698 α = 11.96															
0.0000	0.413	-0.792	-1.205	-1.006	0.253	1.260	-0.838	0.265	1.103	-0.652	0.294	0.946	-0.491	0.257		0.0000
0.0125	0.142	-0.596	-0.697	-1.080	0.189	1.269	-0.833	0.209	1.042	-0.640	0.236	0.876		0.215		0.0125
0.0250	-0.048	-0.339	-0.341	-1.097	0.140	1.237	-0.831	0.167	0.998	-0.633	0.191	0.825	-0.493	0.183	0.676	0.0250
0.0500	-0.181	-0.263	-0.082	-0.957	0.087	1.044	-0.833	0.126	0.959	-0.633	0.142	0.776	-0.490	0.148	0.638	0.0500
0.0750	-0.279	-0.202	0.077	-0.723	0.052	0.775	-0.836	0.098	0.934	-0.628	0.116	0.743	-0.484			0.0750
0.1000	-0.327	-0.165	0.162	-0.504	0.027	0.531	-0.830	0.077	0.906	-0.617	0.087	0.704	-0.481	0.098	0.579	0.1000
0.1500	-0.380	-0.119	0.261	-0.363	0.002	0.365	-0.771	0.047	0.818	-0.607	0.065	0.673	-0.481	0.069	0.550	0.1500
0.2000	-0.391	-0.098	0.293	-0.335	-0.013	0.322	-0.589	0.027	0.616	-0.594	0.050	0.644	-0.480	0.058	0.538	0.2000
0.3000	-0.358	-0.086	0.272	-0.289	-0.025	0.265	-0.242	0.003	0.245	-0.509	0.034	0.543	-0.459	0.032	0.490	0.3000
0.4000	-0.302	-0.080	0.223	-0.235	-0.019	0.216	-0.168	-0.003	0.165	-0.356	0.020	0.376	-0.398	0.011	0.410	0.4000
0.5000	-0.266	-0.069	0.197	-0.199	-0.021	0.178	-0.147	-0.005	0.142	-0.203	0.015	0.218	-0.322	-0.002	0.320	0.5000
0.6000	-0.217	-0.059	0.158	-0.158	-0.022	0.136	-0.122			-0.130	0.011	0.141	-0.241	-0.013	0.228	0.6000
0.6170								0.002								0.6170
0.7000	-0.179	-0.049	0.130	-0.127	-0.011	0.116	-0.105	0.010	0.115	-0.100	0.008	0.108	-0.164			0.7000
0.7100														-0.021		0.7100
0.8000		-0.029		-0.092	0.005	0.097	-0.090	0.028	0.118	-0.062	0.001	0.063	-0.104			0.8000
0.8100														-0.029		0.8100
0.9000	-0.107	-0.007	0.101	-0.049			-0.061	0.017	0.078	-0.019	-0.016	0.003				0.9000
1.0000	-0.074	0.018	0.092	0.000	0.052	0.051	-0.017	-0.022	-0.005	0.028	-0.045	-0.073	-0.034	-0.050		1.0000
	M = 0.698 α = 15.97															
0.0000	0.222	-1.512	-1.734	-1.214	0.242	1.457	-0.957	0.239	1.196	-0.716	0.302	1.018	-0.576	0.253		0.0000
0.0125	0.140	-1.270	-1.409	-1.317	0.163	1.480	-0.958	0.175	1.133	-0.718	0.228	0.946		0.205		0.0125
0.0250	0.054	-1.023	-1.077	-1.337	0.101	1.437	-0.958	0.127	1.085	-0.718	0.173	0.891	-0.565	0.170	0.735	0.0250
0.0500	-0.127	-0.518	-0.391	-1.128	0.022	1.151	-0.953	0.079	1.031	-0.713	0.119	0.832	-0.557	0.136	0.693	0.0500
0.0750	-0.266	-0.389	-0.123	-0.851	-0.011	0.840	-0.937	0.049	0.987	-0.704	0.089	0.793	-0.552			0.0750
0.1000	-0.349	-0.321	0.027	-0.606	-0.043	0.564	-0.918	0.024	0.943	-0.694	0.058	0.752	-0.550	0.081	0.631	0.1000
0.1500	-0.442	-0.257	0.185	-0.460	-0.082	0.378	-0.839	-0.014	0.826	-0.675	0.038	0.713	-0.545	0.052	0.597	0.1500
0.2000	-0.482	-0.207	0.275	-0.419	-0.099	0.319	-0.669	-0.036	0.633	-0.647	0.021	0.668	-0.541	0.039	0.580	0.2000
0.3000	-0.444	-0.195	0.250	-0.358	-0.112	0.245	-0.348	-0.052	0.296	-0.539	0.003	0.542	-0.506	0.009	0.515	0.3000
0.4000	-0.371	-0.187	0.183	-0.287	-0.105	0.182	-0.228	-0.049	0.179	-0.381	-0.008	0.373	-0.423	-0.011	0.413	0.4000
0.5000	-0.376	-0.161	0.215	-0.246	-0.100	0.146	-0.190	-0.049	0.141	-0.246	-0.011	0.235	-0.333	-0.026	0.307	0.5000
0.6000	-0.257	-0.139	0.117	-0.193	-0.092	0.101	-0.159			-0.179	-0.012	0.167	-0.250	-0.038	0.212	0.6000
0.6170								-0.033								0.6170
0.7000	-0.218	-0.115	0.103	-0.161	-0.069	0.092	-0.136	-0.028	0.109	-0.144	-0.014	0.131	-0.175			0.7000
0.7100														-0.047		0.7100
0.8000		-0.081		-0.123	-0.044	0.079	-0.121	-0.006	0.115	-0.098	-0.019	0.079	-0.119			0.8000
0.8100														-0.056		0.8100
0.9000	-0.131	-0.050	0.081	-0.073			-0.092	-0.013	0.079	-0.050	-0.042	0.008				0.9000
1.0000	-0.083	-0.023	0.061	-0.010	0.009	0.019	-0.047	-0.047	0.000	-0.001	-0.083	-0.082	-0.068	-0.075		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.301		α =-03.88							
0.0000	0.155	0.323	0.168	-0.495	0.338	0.833	-0.577	0.310	0.887	-0.512	0.398	0.911	-0.515	0.317		0.0000
0.0125	-0.110	0.281	0.391	-0.478	0.296	0.774	-0.541	0.261	0.803	-0.502	0.294	0.796		0.251		0.0125
0.0250	-0.239	0.251	0.491	-0.459	0.255	0.714	-0.507	0.226	0.733	-0.494	0.223	0.717	-0.490	0.204	0.693	0.0250
0.0500	-0.090	0.229	0.319	-0.414	0.178	0.592	-0.442	0.193	0.636	-0.485	0.178	0.664	-0.474	0.162	0.635	0.0500
0.0750	-0.095	0.201	0.296	-0.412	0.191	0.603	-0.427	0.171	0.598	-0.454	0.151	0.605	-0.467			0.0750
0.1000	-0.094	0.184	0.278	-0.360	0.172	0.533	-0.422	0.151	0.573	-0.428	0.119	0.547	-0.458	0.107	0.565	0.1000
0.1500	-0.119	0.164	0.282	-0.177	0.110	0.287	-0.428	0.121	0.549	-0.414	0.084	0.498	-0.441	0.079	0.521	0.1500
0.2000	-0.121	0.138	0.259	-0.169	0.090	0.259	-0.393	0.091	0.484	-0.407	0.065	0.472	-0.422	0.066	0.488	0.2000
0.3000	-0.129	0.095	0.223	-0.163	0.072	0.235	-0.197	0.063	0.260	-0.401	0.044	0.445	-0.384	0.040	0.424	0.3000
0.4000	-0.131	0.075	0.207	-0.146	0.056	0.201	-0.159	0.044	0.203	-0.291	0.026	0.318	-0.362	0.025	0.387	0.4000
0.5000	-0.123	0.035	0.157	-0.143	0.041	0.184	-0.155	0.032	0.187	-0.176	0.009	0.184	-0.353	0.013	0.366	0.5000
0.6000	-0.121	0.040	0.161	-0.141	0.024	0.165	-0.157			-0.163	-0.003	0.159	-0.345	0.003	0.348	0.6000
0.6170								0.014								0.6170
0.7000	-0.157	0.043	0.199	-0.146	0.014	0.160	-0.157	0.005	0.162	-0.180	-0.014	0.166	-0.236			0.7000
0.7100														-0.005		0.7100
0.8000		-0.004		-0.159	0.003	0.161	-0.171	0.005	0.177	-0.195	-0.011	0.184	-0.163			0.8000
0.8100														-0.027		0.8100
0.9000	-0.160	0.013	0.173	-0.192			-0.213	0.013	0.226	-0.195	-0.028	0.167				0.9000
1.0000	-0.127	0.093	0.220	-0.244	-0.029	0.215	-0.281	0.029	0.310	-0.180	-0.065	0.116	-0.124	-0.111		1.0000
							M = 1.302		α = 00.10							
0.0000	0.037	0.242	0.205	-0.519	0.263	0.782	-0.591	0.243	0.834	-0.528	0.313	0.842	-0.540	0.245		0.0000
0.0125	-0.163	0.202	0.365	-0.495	0.220	0.715	-0.560	0.189	0.749	-0.519	0.219	0.739		0.186		0.0125
0.0250	-0.259	0.174	0.433	-0.473	0.179	0.652	-0.529	0.149	0.678	-0.512	0.155	0.667	-0.512	0.142	0.654	0.0250
0.0500	-0.139	0.151	0.290	-0.434	0.103	0.537	-0.467	0.115	0.582	-0.504	0.113	0.616	-0.494	0.100	0.594	0.0500
0.0750	-0.146	0.126	0.272	-0.445	0.112	0.557	-0.451	0.099	0.550	-0.473	0.087	0.560	-0.488			0.0750
0.1000	-0.146	0.113	0.259	-0.402	0.095	0.497	-0.444	0.084	0.529	-0.451	0.057	0.507	-0.479	0.046	0.525	0.1000
0.1500	-0.173	0.100	0.274	-0.231	0.061	0.292	-0.443	0.054	0.497	-0.435	0.041	0.476	-0.459	0.020	0.479	0.1500
0.2000	-0.178	0.067	0.244	-0.213	0.018	0.231	-0.412	0.032	0.444	-0.429	0.026	0.454	-0.439	0.007	0.446	0.2000
0.3000	-0.173	0.009	0.182	-0.204	0.010	0.214	-0.239	-0.008	0.231	-0.425	0.001	0.426	-0.407	-0.014	0.393	0.3000
0.4000	-0.180	0.009	0.189	-0.197	-0.010	0.187	-0.216	-0.026	0.190	-0.310	-0.011	0.299	-0.387	-0.028	0.358	0.4000
0.5000	-0.180	-0.030	0.150	-0.199	-0.024	0.176	-0.203	-0.033	0.170	-0.211	-0.024	0.187	-0.378	-0.037	0.341	0.5000
0.6000	-0.170	-0.022	0.148	-0.192	-0.041	0.151	-0.200			-0.199	-0.036	0.164	-0.353	-0.046	0.307	0.6000
0.6170								-0.045								0.6170
0.7000	-0.204	-0.028	0.176	-0.196	-0.054	0.142	-0.200	-0.056	0.144	-0.216	-0.045	0.172	-0.225			0.7000
0.7100														-0.054		0.7100
0.8000		-0.065		-0.207	-0.054	0.152	-0.215	-0.050	0.165	-0.236	-0.042	0.194	-0.200			0.8000
0.8100														-0.077		0.8100
0.9000	-0.187	-0.033	0.154	-0.220			-0.253	-0.034	0.220	-0.235	-0.053	0.182				0.9000
1.0000	-0.136	0.069	0.205	-0.237	-0.013	0.224	-0.314	-0.007	0.307	-0.212	-0.078	0.134	-0.456	-0.161		1.0000
							M = 1.303		α = 04.08							
0.0000	-0.156	0.126	0.282	-0.512	0.191	0.703	-0.607	0.184	0.791	-0.559	0.227	0.786	-0.551	0.194		0.0000
0.0125	-0.201	0.097	0.298	-0.501	0.155	0.656	-0.573	0.131	0.704	-0.546	0.150	0.696		0.133		0.0125
0.0250	-0.219	0.077	0.296	-0.486	0.120	0.606	-0.541	0.092	0.633	-0.536	0.096	0.631	-0.534	0.088	0.622	0.0250
0.0500	-0.172	0.067	0.240	-0.445	0.046	0.491	-0.486	0.058	0.544	-0.520	0.058	0.578	-0.522	0.047	0.569	0.0500
0.0750	-0.184	0.049	0.233	-0.458	0.052	0.511	-0.471	0.036	0.507	-0.491	0.034	0.524	-0.513			0.0750
0.1000	-0.186	0.040	0.226	-0.420	0.033	0.453	-0.467	0.024	0.491	-0.474	0.004	0.477	-0.502	-0.002	0.501	0.1000
0.1500	-0.202	0.046	0.247	-0.260	0.013	0.273	-0.469	0.003	0.472	-0.460	-0.002	0.457	-0.476	-0.030	0.446	0.1500
0.2000	-0.208	0.006	0.214	-0.245	-0.035	0.210	-0.431	-0.019	0.412	-0.455	-0.023	0.432	-0.457	-0.042	0.415	0.2000
0.3000	-0.208	-0.054	0.153	-0.239	-0.038	0.201	-0.268	-0.063	0.206	-0.442	-0.045	0.397	-0.432	-0.063	0.368	0.3000
0.4000	-0.206	-0.041	0.165	-0.235	-0.064	0.171	-0.260	-0.077	0.183	-0.308	-0.060	0.248	-0.416	-0.074	0.343	0.4000
0.5000	-0.225	-0.087	0.138	-0.240	-0.074	0.166	-0.248	-0.092	0.156	-0.243	-0.070	0.172	-0.395	-0.082	0.313	0.5000
0.6000	-0.218	-0.074	0.144	-0.233	-0.095	0.138	-0.244			-0.235	-0.078	0.156	-0.304	-0.091	0.213	0.6000
0.6170								-0.099								0.6170
0.7000	-0.238	-0.087	0.151	-0.235	-0.108	0.127	-0.239	-0.108	0.131	-0.250	-0.086	0.164	-0.234			0.7000
0.7100														-0.095		0.7100
0.8000		-0.112		-0.240	-0.109	0.131	-0.254	-0.099	0.155	-0.268	-0.079	0.190	-0.238			0.8000
0.8100														-0.116		0.8100
0.9000	-0.193	-0.065	0.128	-0.222			-0.284	-0.076	0.208	-0.264	-0.089	0.175				0.9000
1.0000	-0.128	0.054	0.182	-0.180	-0.076	0.105	-0.332	-0.040	0.291	-0.239	-0.118	0.121	-0.468	-0.198		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.299		α = 08.11							
0.0000	-0.376	-0.147	0.229	-0.517	0.118	0.636	-0.620	0.112	0.732	-0.577	0.167	0.743	-0.574	0.133		0.0000
0.0125	-0.214	-0.138	0.076	-0.507	0.087	0.594	-0.573	0.068	0.641	-0.562	0.094	0.657		0.076		0.0125
0.0250	-0.120	-0.129	-0.009	-0.491	0.055	0.546	-0.537	0.035	0.572	-0.551	0.043	0.594	-0.555	0.034	0.589	0.0250
0.0500	-0.140	-0.109	0.030	-0.445	-0.013	0.432	-0.499	0.005	0.504	-0.534	0.006	0.541	-0.542	-0.006	0.536	0.0500
0.0750	-0.169	-0.100	0.069	-0.445	-0.003	0.442	-0.488	-0.014	0.474	-0.508	-0.017	0.491	-0.535			0.0750
0.1000	-0.193	-0.093	0.100	-0.380	-0.024	0.357	-0.485	-0.029	0.457	-0.493	-0.045	0.448	-0.518	-0.054	0.464	0.1000
0.1500	-0.218	-0.089	0.129	-0.298	-0.057	0.241	-0.499	-0.055	0.444	-0.481	-0.053	0.428	-0.495	-0.075	0.419	0.1500
0.2000	-0.237	-0.090	0.146	-0.289	-0.082	0.207	-0.431	-0.077	0.355	-0.476	-0.069	0.407	-0.478	-0.084	0.394	0.2000
0.3000	-0.264	-0.105	0.158	-0.291	-0.096	0.195	-0.303	-0.115	0.188	-0.465	-0.091	0.374	-0.455	-0.104	0.350	0.3000
0.4000	-0.264	-0.118	0.145	-0.287	-0.121	0.166	-0.305	-0.127	0.178	-0.319	-0.102	0.216	-0.438	-0.120	0.318	0.4000
0.5000	-0.283	-0.141	0.142	-0.290	-0.134	0.156	-0.294	-0.137	0.157	-0.284	-0.116	0.169	-0.390	-0.129	0.261	0.5000
0.6000	-0.272	-0.142	0.130	-0.277	-0.147	0.130	-0.285			-0.279	-0.124	0.156	-0.282	-0.142	0.140	0.6000
0.6170								-0.150								0.6170
0.7000	-0.292	-0.147	0.146	-0.277	-0.162	0.116	-0.285	-0.161	0.124	-0.281	-0.132	0.150	-0.276			0.7000
0.7100														-0.152		0.7100
0.8000		-0.158		-0.290	-0.156	0.134	-0.293	-0.154	0.139	-0.299	-0.129	0.169	-0.291			0.8000
0.8100														-0.170		0.8100
0.9000	-0.282	-0.099	0.182	-0.260			-0.313	-0.124	0.188	-0.288	-0.133	0.155				0.9000
1.0000	-0.250	0.029	0.279	-0.189	-0.083	0.106	-0.344	-0.073	0.271	-0.250	-0.144	0.106	-0.325	-0.228		1.0000
							M = 1.302		α = 12.14							
0.0000	-0.527	-0.501	0.026	-0.472	0.065	0.537	-0.621	0.058	0.679	-0.576	0.095	0.671	-0.590	0.072		0.0000
0.0125	-0.172	-0.523	-0.351	-0.475	0.032	0.507	-0.578	0.016	0.594	-0.563	0.034	0.598		0.020		0.0125
0.0250	0.032	-0.511	-0.543	-0.470	-0.002	0.468	-0.543	-0.015	0.528	-0.553	-0.009	0.544	-0.564	-0.018	0.546	0.0250
0.0500	-0.015	-0.383	-0.369	-0.437	-0.072	0.364	-0.499	-0.043	0.456	-0.542	-0.043	0.499	-0.545	-0.052	0.493	0.0500
0.0750	-0.089	-0.301	-0.213	-0.399	-0.066	0.333	-0.486	-0.064	0.421	-0.517	-0.064	0.454	-0.534			0.0750
0.1000	-0.113	-0.251	-0.138	-0.339	-0.084	0.256	-0.482	-0.084	0.399	-0.500	-0.088	0.412	-0.519	-0.099	0.420	0.1000
0.1500	-0.189	-0.195	-0.007	-0.334	-0.110	0.224	-0.493	-0.106	0.387	-0.486	-0.090	0.396	-0.498	-0.121	0.377	0.1500
0.2000	-0.241	-0.186	0.055	-0.321	-0.145	0.176	-0.425	-0.122	0.303	-0.480	-0.108	0.372	-0.482	-0.132	0.350	0.2000
0.3000	-0.298	-0.185	0.113	-0.332	-0.153	0.179	-0.335	-0.156	0.180	-0.469	-0.131	0.338	-0.463	-0.153	0.309	0.3000
0.4000	-0.318	-0.183	0.135	-0.332	-0.176	0.155	-0.348	-0.175	0.173	-0.331	-0.142	0.189	-0.441	-0.168	0.273	0.4000
0.5000	-0.340	-0.203	0.136	-0.340	-0.187	0.152	-0.343	-0.187	0.156	-0.326	-0.156	0.171	-0.384	-0.174	0.211	0.5000
0.6000	-0.319	-0.207	0.112	-0.331	-0.196	0.135	-0.328			-0.325	-0.163	0.162	-0.318	-0.184	0.134	0.6000
0.6170								-0.197								0.6170
0.7000	-0.342	-0.211	0.130	-0.327	-0.211	0.115	-0.321	-0.205	0.116	-0.330	-0.171	0.159	-0.321			0.7000
0.7100														-0.191		0.7100
0.8000		-0.231		-0.328	-0.213	0.115	-0.329	-0.201	0.128	-0.327	-0.175	0.153	-0.334			0.8000
0.8100														-0.205		0.8100
0.9000	-0.320	-0.144	0.176	-0.319			-0.345	-0.174	0.171	-0.332	-0.178	0.153				0.9000
1.0000	-0.276	0.050	0.325	-0.298	-0.178	0.121	-0.371	-0.124	0.247	-0.343	-0.181	0.162	-0.387	-0.252		1.0000
							M = 1.301		α = 16.17							
0.0000	-0.435	-0.601	-0.166	-0.458	0.003	0.461	-0.589	0.029	0.619	-0.568	0.083	0.651	-0.583	0.040		0.0000
0.0125	-0.097	-0.591	-0.494	-0.463	-0.072	0.390	-0.567	-0.012	0.555	-0.557	0.010	0.567		-0.009		0.0125
0.0250	0.101	-0.593	-0.694	-0.449	-0.124	0.325	-0.544	-0.041	0.503	-0.548	-0.040	0.508	-0.563	-0.045	0.517	0.0250
0.0500	0.080	-0.627	-0.707	-0.369	-0.158	0.211	-0.498	-0.064	0.434	-0.535	-0.073	0.461	-0.547	-0.079	0.468	0.0500
0.0750	0.003	-0.523	-0.526	-0.350	-0.171	0.179	-0.482	-0.083	0.399	-0.510	-0.095	0.415	-0.535			0.0750
0.1000	-0.023	-0.420	-0.397	-0.343	-0.140	0.203	-0.476	-0.101	0.375	-0.495	-0.122	0.374	-0.521	-0.126	0.395	0.1000
0.1500	-0.143	-0.375	-0.232	-0.340	-0.147	0.193	-0.478	-0.133	0.345	-0.485	-0.123	0.362	-0.498	-0.150	0.347	0.1500
0.2000	-0.200	-0.317	-0.116	-0.335	-0.165	0.171	-0.451	-0.161	0.290	-0.482	-0.138	0.343	-0.483	-0.161	0.322	0.2000
0.3000	-0.256	-0.268	-0.012	-0.346	-0.198	0.148	-0.354	-0.192	0.162	-0.473	-0.158	0.315	-0.464	-0.180	0.283	0.3000
0.4000	-0.321	-0.243	0.078	-0.364	-0.210	0.155	-0.370	-0.206	0.164	-0.388	-0.169	0.219	-0.444	-0.196	0.248	0.4000
0.5000	-0.357	-0.227	0.130	-0.374	-0.216	0.158	-0.381	-0.221	0.159	-0.356	-0.185	0.172	-0.416	-0.204	0.212	0.5000
0.6000	-0.362	-0.231	0.131	-0.371	-0.235	0.136	-0.379			-0.365	-0.196	0.169	-0.363	-0.215	0.148	0.6000
0.6170								-0.236								0.6170
0.7000	-0.375	-0.241	0.134	-0.374	-0.252	0.122	-0.379	-0.245	0.134	-0.373	-0.202	0.170	-0.353			0.7000
0.7100														-0.220		0.7100
0.8000		-0.276		-0.382	-0.256	0.126	-0.383	-0.241	0.142	-0.366	-0.205	0.162	-0.370			0.8000
0.8100														-0.228		0.8100
0.9000	-0.369	-0.217	0.152	-0.389			-0.395	-0.230	0.165	-0.364	-0.206	0.158				0.9000
1.0000	-0.350	-0.065	0.285	-0.396	-0.226	0.170	-0.416	-0.212	0.204	-0.366	-0.206	0.160	-0.489	-0.257		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 2.231		α = -03.68							
0.0000	0.672	0.232	-0.439	-0.054	0.313	0.368	-0.050	0.305	0.355	0.022	0.326	0.304	0.001	0.309		0.0000
0.0125	0.192	0.203	0.011	-0.068	0.271	0.339	-0.051	0.264	0.315	-0.006	0.280	0.287		0.276		0.0125
0.0250	-0.095	0.179	0.274	-0.068	0.235	0.303	-0.053	0.235	0.288	-0.026	0.247	0.274	-0.016	0.251	0.267	0.0250
0.0500	-0.093	0.150	0.243	-0.029	0.186	0.215	-0.062	0.212	0.274	-0.040	0.220	0.260	-0.026	0.220	0.246	0.0500
0.0750	-0.087	0.131	0.218	-0.092	0.173	0.265	-0.076	0.193	0.269	-0.055	0.199	0.254	-0.029			0.0750
0.1000	-0.075	0.127	0.202	-0.101	0.157	0.258	-0.082	0.177	0.259	-0.065	0.175	0.240	-0.033	0.174	0.207	0.1000
0.1500	-0.066	0.137	0.203	-0.111	0.127	0.238	-0.094	0.150	0.243	-0.075	0.152	0.227	-0.043	0.147	0.191	0.1500
0.2000	-0.061	0.096	0.157	-0.110	0.108	0.218	-0.095	0.127	0.223	-0.080	0.132	0.212	-0.050	0.133	0.183	0.2000
0.3000	-0.063	0.080	0.142	-0.102	0.087	0.189	-0.102	0.092	0.195	-0.085	0.106	0.191	-0.063	0.109	0.172	0.3000
0.4000	-0.063	0.077	0.139	-0.100	0.066	0.166	-0.110	0.073	0.183	-0.093	0.094	0.187	-0.073	0.093	0.166	0.4000
0.5000	-0.068	0.065	0.133	-0.100	0.057	0.157	-0.114	0.059	0.173	-0.098	0.075	0.172	-0.082	0.083	0.165	0.5000
0.6000	-0.059	0.047	0.106	-0.095	0.050	0.145	-0.114			-0.105	0.065	0.169	-0.089	0.071	0.160	0.6000
0.6170								0.045								0.6170
0.7000	-0.062	0.047	0.109	-0.086	0.039	0.125	-0.112	0.045	0.157	-0.110	0.057	0.168	-0.095			0.7000
0.7100														0.065		0.7100
0.8000		0.030		-0.075	0.033	0.108	-0.112	0.045	0.158	-0.117	0.052	0.169	-0.103			0.8000
0.8100														0.056		0.8100
0.9000	-0.070	0.022	0.093	-0.079			-0.115	0.049	0.164	-0.117	0.047	0.164				0.9000
1.0000	-0.076	0.023	0.099	-0.098	0.037	0.135	-0.120	0.054	0.174	-0.112	0.041	0.153	-0.127	0.028		1.0000
							M = 2.240		α = 00.40							
0.0000	0.845	0.148	-0.697	-0.080	0.255	0.335	-0.077	0.235	0.312	-0.020	0.261	0.281	-0.048	0.243		0.0000
0.0125	0.245	0.130	-0.115	-0.095	0.210	0.305	-0.078	0.202	0.280	-0.043	0.220	0.263		0.215		0.0125
0.0250	-0.115	0.114	0.229	-0.095	0.178	0.273	-0.080	0.178	0.259	-0.059	0.190	0.249	-0.052	0.193	0.246	0.0250
0.0500	-0.111	0.086	0.197	-0.052	0.154	0.205	-0.089	0.157	0.246	-0.071	0.163	0.234	-0.057	0.166	0.222	0.0500
0.0750	-0.105	0.074	0.179	-0.118	0.123	0.241	-0.102	0.139	0.241	-0.083	0.146	0.229	-0.062			0.0750
0.1000	-0.092	0.072	0.164	-0.125	0.106	0.230	-0.108	0.123	0.231	-0.092	0.124	0.216	-0.065	0.124	0.190	0.1000
0.1500	-0.090	0.058	0.148	-0.134	0.081	0.215	-0.117	0.097	0.214	-0.103	0.150	0.252	-0.074	0.099	0.173	0.1500
0.2000	-0.088	0.044	0.132	-0.135	0.062	0.197	-0.120	0.078	0.198	-0.105	0.134	0.239	-0.079	0.085	0.165	0.2000
0.3000	-0.090	0.036	0.126	-0.127	0.041	0.168	-0.126	0.048	0.174	-0.110	0.109	0.219	-0.091	0.063	0.154	0.3000
0.4000	-0.092	0.031	0.123	-0.125	0.025	0.150	-0.133	0.031	0.164	-0.117	0.097	0.214	-0.100	0.051	0.151	0.4000
0.5000	-0.091	0.031	0.122	-0.125	0.015	0.140	-0.135	0.017	0.152	-0.121	0.080	0.201	-0.106	0.041	0.147	0.5000
0.6000	-0.091	0.008	0.100	-0.121	0.008	0.128	-0.135			-0.127	0.071	0.197	-0.113	0.032	0.144	0.6000
0.6170								0.009								0.6170
0.7000	-0.093	0.016	0.109	-0.113		0.113	-0.135	0.005	0.140	-0.131	0.064	0.195	-0.119			0.7000
0.7100														0.025		0.7100
0.8000		-0.004		-0.104	-0.005	0.099	-0.133	0.006	0.139	-0.138	0.063	0.201	-0.125			0.8000
0.8100														0.018		0.8100
0.9000	-0.102	-0.018	0.084	-0.109			-0.136	0.010	0.146	-0.138	0.056	0.194				0.9000
1.0000	-0.109	-0.024	0.085	-0.127	-0.006	0.122	-0.146	0.015	0.161	-0.132	0.041	0.173	-0.142	-0.002		1.0000
							M = 2.231		α = 04.31							
0.0000	0.774	0.013	-0.761	-0.099	0.186	0.285	-0.103	0.184	0.286	-0.057	0.205	0.262	-0.092	0.187		0.0000
0.0125	0.229	0.006	-0.223	-0.118	0.145	0.263	-0.105	0.148	0.253	-0.077	0.163	0.240		0.158		0.0125
0.0250	-0.097	0.002	0.099	-0.120	0.116	0.236	-0.108	0.123	0.231	-0.091	0.133	0.224	-0.090	0.137	0.227	0.0250
0.0500	-0.094	0.000	0.095	-0.071	0.097	0.168	-0.116	0.105	0.221	-0.100	0.112	0.212	-0.091	0.114	0.205	0.0500
0.0750	-0.091	-0.003	0.089	-0.142	0.069	0.211	-0.126	0.089	0.214	-0.111	0.096	0.207	-0.094			0.0750
0.1000	-0.094	-0.003	0.091	-0.147	0.054	0.201	-0.132	0.076	0.208	-0.118	0.076	0.193	-0.096	0.076	0.173	0.1000
0.1500	-0.106	-0.009	0.097	-0.154	0.032	0.187	-0.139	0.053	0.192	-0.125	0.118	0.243	-0.104	0.055	0.159	0.1500
0.2000	-0.109	-0.016	0.093	-0.150	0.015	0.165	-0.140	0.037	0.178	-0.129	0.103	0.232	-0.108	0.046	0.154	0.2000
0.3000	-0.113	-0.019	0.094	-0.145	-0.004	0.140	-0.147	0.007	0.154	-0.132	0.080	0.213	-0.118	0.025	0.143	0.3000
0.4000	-0.115	-0.013	0.102	-0.143	-0.018	0.126	-0.151	-0.009	0.143	-0.138	0.074	0.213	-0.125	0.013	0.138	0.4000
0.5000	-0.120	-0.017	0.103	-0.143	-0.026	0.118	-0.151	-0.020	0.131	-0.141	0.055	0.197	-0.131	0.005	0.136	0.5000
0.6000	-0.120	-0.033	0.087	-0.142	-0.031	0.111	-0.151			-0.147	0.049	0.196	-0.136	-0.005	0.131	0.6000
0.6170								-0.027								0.6170
0.7000	-0.123	-0.020	0.104	-0.135	-0.039	0.097	-0.150	-0.031	0.119	-0.150	0.043	0.193	-0.141			0.7000
0.7100														-0.010		0.7100
0.8000		-0.042		-0.132	-0.043	0.089	-0.149	-0.031	0.118	-0.156	0.041	0.197	-0.147			0.8000
0.8100														-0.017		0.8100
0.9000	-0.132	-0.057	0.075	-0.136			-0.151	-0.027	0.125	-0.156	0.034	0.190				0.9000
1.0000	-0.137	-0.063	0.075	-0.149	-0.043	0.106	-0.158	-0.018	0.140	-0.150	0.021	0.171	-0.159	-0.038		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(a) BVW - Concluded

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 2.232 α = 08.31															
0.0000	0.386	-0.108	-0.493	-0.116	0.140	0.256	-0.124	0.131	-0.255	-0.088	0.152	0.240	-0.104	0.147		0.0000
0.0125	0.119	-0.110	-0.229	-0.141	0.105	0.246	-0.128	0.104	0.232	-0.104	0.118	0.222		0.120		0.0125
0.0250	-0.043	-0.112	-0.069	-0.144	0.079	0.223	-0.131	0.084	0.215	-0.116	0.093	0.209	-0.111	0.099	0.210	0.0250
0.0500	-0.052	-0.112	-0.060	-0.085	0.056	0.140	-0.139	0.065	0.204	-0.125	0.071	0.196	-0.117	0.075	0.192	0.0500
0.0750	-0.056	-0.103	-0.047	-0.162	0.030	0.192	-0.147	0.049	0.196	-0.133	0.057	0.191	-0.121			0.0750
0.1000	-0.063	-0.094	-0.031	-0.159	0.016	0.175	-0.151	0.037	0.188	-0.141	0.039	0.180	-0.122	0.043	0.165	0.1000
0.1500	-0.092	-0.083	0.009	-0.155	-0.004	0.152	-0.157	0.016	0.174	-0.146	0.083	0.229	-0.127	0.022	0.149	0.1500
0.2000	-0.101	-0.073	0.029	-0.154	-0.019	0.135	-0.159	0.001	0.161	-0.148	0.069	0.217	-0.131	0.013	0.144	0.2000
0.3000	-0.118	-0.071	0.047	-0.151	-0.036	0.116	-0.160	-0.024	0.136	-0.151	0.048	0.199	-0.139	-0.005	0.134	0.3000
0.4000	-0.128	-0.054	0.075	-0.149	-0.047	0.102	-0.160	-0.039	0.122	-0.156	0.042	0.199	-0.145	-0.017	0.128	0.4000
0.5000	-0.133	-0.069	0.064	-0.148	-0.051	0.097	-0.160	-0.048	0.112	-0.160	0.026	0.186	-0.149	-0.024	0.124	0.5000
0.6000	-0.137	-0.075	0.062	-0.147	-0.059	0.088	-0.159			-0.163	0.018	0.181	-0.152	-0.034	0.119	0.6000
0.6170								-0.054								0.6170
0.7000	-0.140	-0.062	0.079	-0.146	-0.064	0.081	-0.159	-0.058	0.100	-0.166	0.013	0.179	-0.156			0.7000
0.7100														-0.037		0.7100
0.8000		-0.076		-0.147	-0.068	0.079	-0.157	-0.059	0.098	-0.170	0.013	0.183	-0.161			0.8000
0.8100														-0.044		0.8100
0.9000	-0.150	-0.092	0.057	-0.152			-0.161	-0.055	0.106	-0.168	0.007	0.175				0.9000
1.0000	-0.156	-0.111	0.045	-0.162	-0.067	0.095	-0.170	-0.047	0.123	-0.160	-0.007	0.153	-0.180	-0.070		1.0000
	M = 2.228 α = 12.31															
0.0000	0.051	-0.183	-0.233	-0.126	0.135	0.261	-0.145	0.116	0.261	-0.114	0.135	0.249	-0.113	0.127		0.0000
0.0125	0.049	-0.180	-0.230	-0.153	0.109	0.262	-0.147	0.090	0.237	-0.127	0.099	0.226		0.098		0.0125
0.0250	0.041	-0.179	-0.220	-0.155	0.086	0.242	-0.149	0.071	0.220	-0.137	0.073	0.210	-0.129	0.077	0.206	0.0250
0.0500	0.003	-0.181	-0.183	-0.084	0.052	0.137	-0.156	0.050	0.206	-0.144	0.052	0.197	-0.138	0.052	0.191	0.0500
0.0750	-0.004	-0.171	-0.167	-0.160	0.023	0.183	-0.162	0.035	0.197	-0.150	0.038	0.188	-0.140			0.0750
0.1000	-0.011	-0.165	-0.154	-0.156		0.156	-0.166	0.022	0.188	-0.155	0.022	0.177	-0.141	0.022	0.162	0.1000
0.1500	-0.055	-0.162	-0.108	-0.156	-0.027	0.129	-0.170		0.170	-0.160	0.065	0.226	-0.145	0.002	0.147	0.1500
0.2000	-0.070	-0.152	-0.082	-0.154	-0.048	0.105	-0.169	-0.019	0.150	-0.162	0.050	0.213	-0.148	-0.006	0.141	0.2000
0.3000	-0.102	-0.118	-0.016	-0.146	-0.071	0.075	-0.166	-0.047	0.120	-0.164	0.030	0.195	-0.153	-0.023	0.130	0.3000
0.4000	-0.122	-0.084	0.038	-0.142	-0.076	0.066	-0.165	-0.064	0.101	-0.169	0.025	0.194	-0.158	-0.036	0.122	0.4000
0.5000	-0.134	-0.103	0.031	-0.147	-0.075	0.071	-0.165	-0.075	0.090	-0.170	0.004	0.174	-0.161	-0.044	0.117	0.5000
0.6000	-0.141	-0.106	0.035	-0.149	-0.077	0.073	-0.165			-0.171	-0.003	0.168	-0.165	-0.053	0.112	0.6000
0.6170								-0.078								0.6170
0.7000	-0.145	-0.096	0.049	-0.153	-0.082	0.070	-0.165	-0.079	0.086	-0.173	-0.008	0.164	-0.167			0.7000
0.7100														-0.058		0.7100
0.8000		-0.103		-0.155	-0.085	0.070	-0.164	-0.077	0.087	-0.175	-0.009	0.166	-0.170			0.8000
0.8100														-0.065		0.8100
0.9000	-0.156	-0.113	0.043	-0.162			-0.168	-0.073	0.095	-0.172	-0.013	0.159				0.9000
1.0000	-0.162	-0.126	0.036	-0.174	-0.081	0.092	-0.176	-0.067	0.109	-0.163	-0.018	0.145	-0.184	-0.088		1.0000
	M = 2.229 α = 16.42															
0.0000	0.137	-0.190	-0.327	-0.067	-0.126	-0.059	-0.185	0.150	0.335	-0.150	0.129	0.279	-0.159	0.108		0.0000
0.0125	0.074	-0.192	-0.266	-0.096	-0.149	-0.053	-0.186	0.110	0.296	-0.160	0.096	0.256		0.079		0.0125
0.0250	0.031	-0.193	-0.224	-0.104	-0.157	-0.053	-0.187	0.080	0.267	-0.167	0.071	0.238	-0.161	0.058	0.219	0.0250
0.0500	0.001	-0.193	-0.194	-0.058	-0.127	-0.069	-0.188	0.052	0.240	-0.172	0.048	0.220	-0.163	0.040	0.203	0.0500
0.0750	-0.006	-0.193	-0.187	-0.128	-0.168	-0.040	-0.187	0.029	0.216	-0.177	0.031	0.208	-0.165			0.0750
0.1000	-0.008	-0.189	-0.181	-0.132	-0.171	-0.039	-0.186	0.011	0.196	-0.180	0.012	0.192	-0.165	0.007	0.172	0.1000
0.1500	-0.035	-0.195	-0.160	-0.142	-0.171	-0.029	-0.184	-0.018	0.166	-0.184	0.055	0.239	-0.166	-0.010	0.156	0.1500
0.2000	-0.045	-0.195	-0.150	-0.148	-0.183	-0.035	-0.183	-0.039	0.144	-0.184	0.038	0.222	-0.169	-0.019	0.150	0.2000
0.3000	-0.071	-0.180	-0.109	-0.156	-0.184	-0.028	-0.181	-0.075	0.106	-0.183	0.015	0.198	-0.173	-0.038	0.135	0.3000
0.4000	-0.088	-0.148	-0.060	-0.161	-0.178	-0.017	-0.177	-0.093	0.084	-0.182	0.008	0.190	-0.177	-0.050	0.127	0.4000
0.5000	-0.109	-0.174	-0.065	-0.168	-0.163	0.005	-0.175	-0.104	0.071	-0.180	-0.013	0.166	-0.179	-0.059	0.120	0.5000
0.6000	-0.120	-0.165	-0.045	-0.172	-0.150	0.021	-0.171			-0.181	-0.023	0.158	-0.182	-0.069	0.113	0.6000
0.6170								-0.108								0.6170
0.7000	-0.137	-0.153	-0.015	-0.175	-0.149	0.026	-0.169	-0.110	0.060	-0.181	-0.029	0.152	-0.183			0.7000
0.7100														-0.074		0.7100
0.8000		-0.155		-0.177	-0.147	0.030	-0.169	-0.107	0.063	-0.182	-0.032	0.151	-0.183			0.8000
0.8100														-0.083		0.8100
0.9000	-0.163	-0.150	0.013	-0.182			-0.175	-0.102	0.072	-0.182	-0.037	0.144				0.9000
1.0000	-0.172	-0.137	0.034	-0.192	-0.143	0.049	-0.185	-0.096	0.089	-0.179	-0.045	0.134	-0.179	-0.112		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = 0.5°$

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.699		α =-04.15							
0.0000	1.024	0.321	-0.704	-0.876	0.354	1.230	-0.734	0.285	1.019	-0.614	0.435	1.050	-0.530	0.402		0.0000
0.0125	0.144	0.269	0.125	-0.917	0.295	1.212	-0.732	0.287	1.019	-0.610	0.343	0.952		0.319		0.0125
0.0250	-0.374	0.229	0.604	-0.927	0.245	1.172	-0.732	0.275	1.008	-0.608	0.277	0.884	-0.534	0.260	0.794	0.0250
0.0500	-0.327	0.186	0.513	-0.854	0.175	1.029	-0.741	0.215	0.956	-0.612	0.224	0.835	-0.535	0.211	0.746	0.0500
0.0750	-0.309	0.151	0.460	-0.713	0.144	0.857	-0.742	0.175	0.917	-0.609	0.189	0.799	-0.534			0.0750
0.1000	-0.286	0.129	0.416	-0.541	0.116	0.657	-0.728	0.148	0.875	-0.598	0.160	0.758	-0.528	0.145	0.673	0.1000
0.1500	-0.264	0.096	0.361	-0.276	0.079	0.355	-0.664	0.107	0.771	-0.586	0.108	0.693	-0.519	0.108	0.627	0.1500
0.2000	-0.257	0.082	0.339	-0.231	0.056	0.287	-0.546	0.082	0.628	-0.563	0.088	0.650	-0.505	0.094	0.599	0.2000
0.3000	-0.232	0.042	0.274	-0.213	0.032	0.245	-0.280	0.055	0.335	-0.471	0.063	0.534	-0.453	0.057	0.510	0.3000
0.4000	-0.195	0.020	0.214	-0.173	0.020	0.192	-0.187	0.035	0.223	-0.335	0.045	0.380	-0.367	0.043	0.409	0.4000
0.5000	-0.171	0.007	0.178	-0.152	0.015	0.167	-0.134	0.028	0.162	-0.218	0.034	0.252	-0.246	0.025	0.271	0.5000
0.6000	-0.138	-0.002	0.136	-0.120	0.010	0.130	-0.097			-0.142	0.031	0.174	-0.182	0.007	0.188	0.6000
0.6170								0.028								0.6170
0.7000	-0.111	-0.002	0.109	-0.100	0.018	0.118	-0.083	0.033	0.116	-0.102	0.027	0.129	-0.150			0.7000
0.7100														0.000		0.7100
0.8000		0.016		-0.074	0.031	0.105	-0.073	0.046	0.119	-0.064	0.024	0.088	-0.116			0.8000
0.8100														-0.012		0.8100
0.9000	-0.066	0.025	0.091	-0.033			-0.048	0.044	0.092	-0.015	0.002	0.017				0.9000
1.0000	-0.048	0.024	0.072	0.021	0.075	0.054	-0.009	0.026	0.034	0.047	-0.038	-0.085	-0.041	-0.053		1.0000
							M = 0.700		α =-00.05							
0.0000	1.126	0.279	-0.847	-0.884	0.322	1.206	-0.736	0.313	1.049	-0.597	0.404	1.001	-0.494	0.341		0.0000
0.0125	0.165	0.259	0.064	-0.930	0.262	1.192	-0.731	0.269	1.001	-0.596	0.314	0.910		0.280		0.0125
0.0250	-0.403	0.131	0.594	-0.945	0.213	1.158	-0.731	0.233	0.965	-0.596	0.248	0.844	-0.502	0.235	0.737	0.0250
0.0500	-0.361	0.148	0.509	-0.876	0.153	1.029	-0.745	0.184	0.930	-0.597	0.191	0.788	-0.505	0.193	0.698	0.0500
0.0750	-0.338	0.116	0.454	-0.731	0.116	0.847	-0.739	0.158	0.897	-0.596	0.161	0.757	-0.504			0.0750
0.1000	-0.317	0.098	0.415	-0.543	0.089	0.632	-0.732	0.132	0.864	-0.585	0.128	0.713	-0.499	0.136	0.636	0.1000
0.1500	-0.293	0.067	0.360	-0.287	0.058	0.345	-0.693	0.092	0.785	-0.573	0.095	0.668	-0.497	0.103	0.600	0.1500
0.2000	-0.284	0.054	0.338	-0.249	0.038	0.287	-0.559	0.068	0.627	-0.554	0.084	0.638	-0.491	0.082	0.573	0.2000
0.3000	-0.254	0.020	0.274	-0.223	0.014	0.238	-0.269	0.038	0.308	-0.473	0.063	0.536	-0.456	0.051	0.507	0.3000
0.4000	-0.213	0.003	0.216	-0.185	0.004	0.189	-0.158	0.028	0.186	-0.346	0.054	0.400	-0.366	0.030	0.396	0.4000
0.5000	-0.185	-0.004	0.181	-0.158	0.003	0.160	-0.124	0.023	0.147	-0.240	0.036	0.276	-0.287	0.014	0.301	0.5000
0.6000	-0.146	-0.009	0.136	-0.126	0.003	0.128	-0.112			-0.149	0.033	0.182	-0.214		0.214	0.6000
0.6170								0.025								0.6170
0.7000	-0.113	-0.009	0.104	-0.104	0.010	0.114	-0.095	0.025	0.119	-0.134	0.028	0.162	-0.148			0.7000
0.7100														-0.001		0.7100
0.8000		0.011		-0.076	0.027	0.103	-0.083	0.036	0.119	-0.082	0.025	0.107	-0.114			0.8000
0.8100														-0.012		0.8100
0.9000	-0.062	0.021	0.083	-0.034			-0.059	0.040	0.099	-0.036	0.014	0.050				0.9000
1.0000	-0.044	0.021	0.065	0.022	0.089	0.067	-0.023	0.038	0.061	0.004	-0.005	-0.009	-0.143	-0.059		1.0000
							M = 0.695		α = 03.96							
0.0000	1.126	0.234	-0.892	-0.904	0.291	1.195	-0.756	-0.059	0.697	-0.598	0.325	0.924	-0.486	0.316		0.0000
0.0125	0.157	0.186	0.028	-0.967	0.234	1.202	-0.755	0.128	0.883	-0.601	0.277	0.878		0.256		0.0125
0.0250	-0.416	0.148	0.565	-0.985	0.188	1.174	-0.755	0.228	0.983	-0.603	0.236	0.839	-0.486	0.212	0.698	0.0250
0.0500	-0.379	0.107	0.486	-0.885	0.128	1.013	-0.758	0.170	0.928	-0.599	0.180	0.779	-0.486	0.171	0.656	0.0500
0.0750	-0.361	0.074	0.435	-0.713	0.092	0.804	-0.760	0.140	0.901	-0.599	0.149	0.747	-0.485			0.0750
0.1000	-0.340	0.057	0.396	-0.506	0.067	0.572	-0.760	0.113	0.873	-0.594	0.114	0.708	-0.483	0.113	0.596	0.1000
0.1500	-0.321	0.028	0.349	-0.300	0.036	0.336	-0.738	0.083	0.821	-0.586	0.088	0.674	-0.481	0.083	0.564	0.1500
0.2000	-0.312	0.017	0.330	-0.274	0.019	0.293	-0.613	0.053	0.666	-0.571	0.074	0.645	-0.483	0.076	0.559	0.2000
0.3000	-0.277	-0.012	0.265	-0.245	0.001	0.245	-0.492	0.037	0.528	-0.460	0.048	0.508	-0.454	0.051	0.505	0.3000
0.4000	-0.232	-0.022	0.211	-0.196	-0.004	0.192	-0.203	0.020	0.223	-0.364	0.039	0.403	-0.412	0.032	0.444	0.4000
0.5000	-0.198	-0.022	0.177	-0.171	-0.006	0.165	-0.144	0.017	0.161	-0.215	0.030	0.245	-0.300	0.012	0.311	0.5000
0.6000	-0.156	-0.022	0.134	-0.131	-0.003	0.128	-0.119			-0.139	0.025	0.164	-0.221	-0.003	0.218	0.6000
0.6170								0.019								0.6170
0.7000	-0.119	-0.019	0.100	-0.109	0.007	0.116	-0.101	0.020	0.121	-0.123	0.022	0.145	-0.148			0.7000
0.7100														-0.010		0.7100
0.8000		0.002		-0.081	0.021	0.102	-0.089	0.026	0.115	-0.093	0.012	0.105	-0.105			0.8000
0.8100														-0.016		0.8100
0.9000	-0.066	0.015	0.082	-0.039			-0.070	0.040	0.110	-0.017	-0.004	0.013				0.9000
1.0000	-0.051	0.022	0.072	0.016	0.061	0.045	-0.044	0.062	0.106	0.105	-0.025	-0.131	-0.109	-0.026		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = 0.5°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 0.700 α = 07.86															
0.0000	1.019	0.018	-1.000	-1.179	0.269	1.448	-0.950	0.328	1.278	-0.711	0.332	1.043	-0.530	0.272		0.0000
0.0125	0.154	-0.025	-0.179	-1.065	0.195	1.260	-0.948	0.265	1.213	-0.703	0.276	0.979		0.243		0.0125
0.0250	-0.354	-0.054	0.300	-0.915	0.139	1.054	-0.948	0.218	1.166	-0.699	0.232	0.931	-0.528	0.210	0.738	0.0250
0.0500	-0.304	-0.073	0.231	-0.508	0.078	0.586	-0.952	0.175	1.127	-0.701	0.183	0.884	-0.525	0.131	0.656	0.0500
0.0750	-0.306	-0.095	0.211	-0.479	0.048	0.527	-0.928	0.139	1.067	-0.697	0.155	0.852	-0.521			0.0750
0.1000	-0.301	-0.103	0.198	-0.448	0.024	0.472	-0.885	0.114	0.999	-0.692	0.118	0.810	-0.520	0.132	0.652	0.1000
0.1500	-0.298	-0.117	0.181	-0.372	-0.005	0.366	-0.795	0.077	0.872	-0.681	0.093	0.773	-0.518	0.094	0.612	0.1500
0.2000	-0.305	-0.109	0.196	-0.332	-0.017	0.315	-0.369	0.060	0.429	-0.641	0.075	0.716	-0.518	0.076	0.595	0.2000
0.3000	-0.290	-0.104	0.186	-0.282	-0.025	0.257	-0.255	0.035	0.290	-0.471	0.054	0.525	-0.503	0.050	0.552	0.3000
0.4000	-0.253	-0.086	0.167	-0.231	-0.022	0.209	-0.217	0.032	0.249	-0.253	0.042	0.295	-0.419	0.026	0.446	0.4000
0.5000	-0.224	-0.063	0.161	-0.193	-0.022	0.171	-0.185	0.025	0.210	-0.146	0.033	0.178	-0.308	0.013	0.321	0.5000
0.6000	-0.175	-0.049	0.126	-0.150	-0.022	0.128	-0.140			-0.111	0.029	0.140	-0.213	-0.003	0.210	0.6000
0.6170								0.032								0.6170
0.7000	-0.137	-0.041	0.095	-0.124	-0.011	0.113	-0.115	0.036	0.151	-0.095	0.023	0.118	-0.129			0.7000
0.7100														-0.012		0.7100
0.8000		-0.024		-0.095	0.011	0.106	-0.094	0.050	0.144	-0.061	0.014	0.075	-0.069			0.8000
0.8100														-0.018		0.8100
0.9000	-0.082	-0.003	0.080	-0.050			-0.062	0.039	0.101	-0.018	-0.002	0.016				0.9000
1.0000	-0.066	0.024	0.090	0.012	0.088	0.076	-0.020	0.002	0.022	0.036	-0.025	-0.061	-0.019	-0.021		1.0000
	M = 0.698 α = 11.96															
0.0000	0.642	-0.358	-1.000	-0.294	-0.350	-0.056	-1.267	0.390	1.657	-0.885	0.254	1.139	-0.623	0.275		0.0000
0.0125	0.136	-0.367	-0.503	-0.316	-0.357	-0.041	-1.314	0.318	1.632	-0.883	0.280	1.163		0.247		0.0125
0.0250	-0.172	-0.368	-0.196	-0.336	-0.351	-0.015	-1.318	0.266	1.583	-0.881	0.284	1.165	-0.616	0.217	0.834	0.0250
0.0500	-0.192	-0.346	-0.154	-0.375	-0.302	0.073	-1.198	0.217	1.415	-0.877	0.225	1.102	-0.610	0.154	0.765	0.0500
0.0750	-0.214	-0.344	-0.130	-0.408	-0.284	0.124	-1.035	0.180	1.215	-0.875	0.184	1.059	-0.605			0.0750
0.1000	-0.227	-0.328	-0.102	-0.409	-0.277	0.132	-0.820	0.150	0.970	-0.873	0.159	1.032	-0.605	0.158	0.763	0.1000
0.1500	-0.236	-0.306	-0.070	-0.377	-0.266	0.111	-0.573	0.106	0.679	-0.854	0.113	0.967	-0.595	0.095	0.690	0.1500
0.2000	-0.258	-0.265	-0.007	-0.355	-0.259	0.095	-0.401	0.064	0.465	-0.798	0.093	0.892	-0.588	0.089	0.677	0.2000
0.3000	-0.271	-0.213	0.058	-0.322	-0.230	0.092	-0.297	0.047	0.345	-0.588	0.063	0.651	-0.558	0.058	0.616	0.3000
0.4000	-0.258	-0.150	0.108	-0.269	-0.204	0.065	-0.264	0.038	0.302	-0.406	0.046	0.452	-0.464	0.030	0.494	0.4000
0.5000	-0.241	-0.103	0.139	-0.233	-0.184	0.049	-0.222	0.029	0.251	-0.239	0.033	0.272	-0.353	0.010	0.363	0.5000
0.6000	-0.201	-0.072	0.129	-0.184	-0.173	0.011	-0.187			-0.162	0.028	0.191	-0.245	-0.009	0.237	0.6000
0.6170								0.035								0.6170
0.7000	-0.164	-0.054	0.110	-0.156	-0.145	0.012	-0.142	0.039	0.182	-0.137	0.022	0.159	-0.161			0.7000
0.7100														-0.013		0.7100
0.8000		-0.025		-0.127	-0.109	0.017	-0.128	0.052	0.181	-0.114	0.010	0.124	-0.100			0.8000
0.8100														-0.026		0.8100
0.9000	-0.110	-0.014	0.097	-0.087			-0.088	0.043	0.131	-0.052	-0.020	0.033				0.9000
1.0000	-0.095	-0.021	0.073	-0.036	-0.019	0.017	-0.022	0.011	0.033	0.049	-0.067	-0.115	-0.046	-0.073		1.0000
	M = 0.699 α = 15.97															
0.0000	0.569	-0.589	-1.158	0.294	-1.438	-1.731	-1.433	0.185	1.618	-1.204	0.408	1.612	-0.735	0.289		0.0000
0.0125	0.112	-0.599	-0.711	0.148	-1.504	-1.652	-1.378	0.052	1.430	-1.196	0.361	1.556		0.259		0.0125
0.0250	-0.168	-0.593	-0.425	0.036	-1.466	-1.502	-1.266	-0.034	1.232	-1.189	0.319	1.508	-0.742	0.234	0.975	0.0250
0.0500	-0.192	-0.531	-0.339	-0.086	-1.076	-0.991	-0.871	-0.062	0.809	-1.182	0.252	1.435	-0.744	0.198	0.942	0.0500
0.0750	-0.211	-0.533	-0.322	-0.181	-0.797	-0.616	-0.771	-0.091	0.679	-1.174	0.210	1.384	-0.741			0.0750
0.1000	-0.216	-0.527	-0.311	-0.234	-0.671	-0.437	-0.717	-0.104	0.613	-1.162	0.166	1.328	-0.736	0.134	0.870	0.1000
0.1500	-0.216	-0.510	-0.294	-0.287	-0.484	-0.197	-0.650	-0.127	0.523	-1.131	0.120	1.251	-0.726	0.091	0.817	0.1500
0.2000	-0.228	-0.459	-0.230	-0.328	-0.417	-0.089	-0.579	-0.122	0.457	-1.053	0.096	1.148	-0.708	0.080	0.788	0.2000
0.3000	-0.247	-0.367	-0.120	-0.368	-0.337	0.032	-0.454	-0.097	0.356	-0.759	0.062	0.821	-0.678	0.038	0.715	0.3000
0.4000	-0.260	-0.271	-0.011	-0.345	-0.264	0.081	-0.365	-0.068	0.298	-0.510	0.035	0.545	-0.595	0.003	0.597	0.4000
0.5000	-0.270	-0.200	0.070	-0.307	-0.232	0.075	-0.301	-0.048	0.253	-0.358	0.022	0.380	-0.487	-0.014	0.473	0.5000
0.6000	-0.245	-0.153	0.092	-0.254	-0.224	0.031	-0.246			-0.249	0.008	0.256	-0.365	-0.034	0.331	0.6000
0.6170								-0.029								0.6170
0.7000	-0.216	-0.129	0.087	-0.220	-0.218	0.003	-0.226	-0.009	0.217	-0.195	-0.003	0.192	-0.293			0.7000
0.7100														-0.050		0.7100
0.8000		-0.090		-0.189	-0.201	-0.012	-0.199	0.010	0.209	-0.140	-0.019	0.121	-0.226			0.8000
0.8100														-0.074		0.8100
0.9000	-0.160	-0.065	0.096	-0.154			-0.149	0.002	0.151	-0.092	-0.051	0.040				0.9000
1.0000	-0.133	-0.052	0.082	-0.115	-0.133	-0.018	-0.076	-0.033	0.043	-0.051	-0.101	-0.050	-0.107	-0.147		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = 0.5°$- Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.302 α = -03.95															
0.0000	-0.200	0.325	0.125	-0.491	0.346	0.837	-0.557	0.315	0.872	-0.501	0.383	0.884	-0.511	0.310		0.0000
0.0125	-0.101	0.278	0.379	-0.479	0.289	0.768	-0.548	0.262	0.810	-0.502	0.296	0.797		0.247		0.0125
0.0250	-0.250	0.245	0.496	-0.462	0.248	0.710	-0.529	0.223	0.752	-0.502	0.237	0.739	-0.491	0.200	0.691	0.0250
0.0500	-0.096	0.224	0.320	-0.420	0.206	0.626	-0.459	0.192	0.651	-0.498	0.207	0.705	-0.477	0.155	0.632	0.0500
0.0750	-0.103	0.193	0.296	-0.420	0.178	0.598	-0.438	0.160	0.598	-0.487	0.165	0.652	-0.470			0.0750
0.1000	-0.100	0.179	0.279	-0.367	0.158	0.525	-0.424	0.150	0.573	-0.448	0.125	0.573	-0.458	0.114	0.572	0.1000
0.1500	-0.127	0.140	0.267	-0.176	0.114	0.290	-0.424	0.120	0.544	-0.426	0.084	0.510	-0.444	0.082	0.526	0.1500
0.2000	-0.132	0.130	0.261	-0.172	0.088	0.260	-0.404	0.090	0.494	-0.413	0.061	0.474	-0.424	0.069	0.492	0.2000
0.3000	-0.129	0.095	0.213	-0.166	0.066	0.233	-0.202	0.060	0.262	-0.407	0.040	0.447	-0.388	0.034	0.422	0.3000
0.4000	-0.134	0.071	0.205	-0.152	0.048	0.199	-0.162	0.043	0.204	-0.315	0.021	0.337	-0.362	0.027	0.389	0.4000
0.5000	-0.125	0.037	0.162	-0.150	0.030	0.180	-0.157	0.028	0.184	-0.184	0.006	0.191	-0.354	0.017	0.370	0.5000
0.6000	-0.134	0.032	0.166	-0.150	0.016	0.165	-0.157			-0.164	-0.006	0.157	-0.346	0.006	0.352	0.6000
0.6170								0.011								0.6170
0.7000	-0.145	0.044	0.189	-0.149	0.007	0.157	-0.158	0.006	0.164	-0.180	-0.014	0.166	-0.248			0.7000
0.7100														-0.002		0.7100
0.8000		-0.007		-0.162	-0.001	0.161	-0.170	0.004	0.173	-0.198	-0.016	0.182	-0.179			0.8000
0.8100														-0.023		0.8100
0.9000	-0.168	0.009	0.177	-0.198			-0.213	0.012	0.225	-0.197	-0.031	0.166				0.9000
1.0000	-0.181	0.090	0.271	-0.255	-0.020	0.236	-0.287	0.032	0.319	-0.177	-0.059	0.117	-0.131	-0.099		1.0000
	M = 1.300 α = 00.15															
0.0000	0.039	0.238	0.199	-0.501	0.265	0.766	-0.560	0.227	0.787	-0.529	0.305	0.834	-0.529	0.252		0.0000
0.0125	-0.163	0.198	0.360	-0.488	0.215	0.703	-0.562	0.186	0.748	-0.522	0.218	0.740		0.187		0.0125
0.0250	-0.260	0.169	0.429	-0.472	0.177	0.650	-0.555	0.154	0.709	-0.517	0.158	0.676	-0.514	0.139	0.653	0.0250
0.0500	-0.139	0.149	0.288	-0.432	0.139	0.571	-0.515	0.119	0.635	-0.511	0.125	0.637	-0.502	0.098	0.600	0.0500
0.0750	-0.151	0.122	0.273	-0.444	0.106	0.550	-0.470	0.097	0.567	-0.495	0.095	0.589	-0.495			0.0750
0.1000	-0.147	0.108	0.255	-0.392	0.087	0.479	-0.450	0.079	0.529	-0.469	0.066	0.536	-0.481	0.044	0.525	0.1000
0.1500	-0.175	0.070	0.245	-0.227	0.053	0.280	-0.445	0.052	0.497	-0.448	0.043	0.491	-0.463	0.017	0.479	0.1500
0.2000	-0.182	0.061	0.243	-0.219	0.029	0.248	-0.433	0.029	0.462	-0.439	0.026	0.464	-0.446	0.009	0.455	0.2000
0.3000	-0.172	0.015	0.187	-0.206	0.009	0.214	-0.284	-0.006	0.278	-0.432		0.432	-0.415	-0.017	0.399	0.3000
0.4000	-0.183	0.007	0.190	-0.202	-0.016	0.186	-0.219	-0.030	0.189	-0.341	-0.014	0.327	-0.396	-0.030	0.366	0.4000
0.5000	-0.182	-0.026	0.156	-0.202	-0.031	0.171	-0.213	-0.038	0.175	-0.236	-0.030	0.206	-0.383	-0.037	0.346	0.5000
0.6000	-0.183	-0.027	0.156	-0.200	-0.047	0.153	-0.206			-0.209	-0.039	0.170	-0.361	-0.048	0.313	0.6000
0.6170								-0.043								0.6170
0.7000	-0.190	-0.022	0.168	-0.196	-0.056	0.139	-0.203	-0.056	0.146	-0.211	-0.046	0.165	-0.229			0.7000
0.7100														-0.053		0.7100
0.8000		-0.063		-0.207	-0.056	0.150	-0.215	-0.053	0.162	-0.233	-0.047	0.186	-0.200			0.8000
0.8100														-0.080		0.8100
0.9000	-0.190	-0.034	0.156	-0.225			-0.246	-0.043	0.203	-0.234	-0.056	0.178				0.9000
1.0000	-0.184	0.063	0.247	-0.251	-0.027	0.224	-0.296	-0.026	0.270	-0.214	-0.074	0.139	-0.452	-0.184		1.0000
	M = 1.303 α = 04.06															
0.0000	-0.072	0.162	0.235	-0.520	0.207	0.728	-0.580	0.123	0.703	-0.549	0.204	0.754	-0.533	0.186		0.0000
0.0125	-0.200	0.121	0.320	-0.497	0.150	0.647	-0.569	0.123	0.693	-0.544	0.147	0.691		0.125		0.0125
0.0250	-0.259	0.093	0.352	-0.476	0.108	0.584	-0.555	0.113	0.668	-0.539	0.105	0.644	-0.533	0.080	0.613	0.0250
0.0500	-0.176	0.078	0.254	-0.439	0.070	0.509	-0.512	0.061	0.573	-0.532	0.064	0.596	-0.529	0.038	0.567	0.0500
0.0750	-0.188	0.053	0.240	-0.450	0.042	0.492	-0.476	0.050	0.526	-0.512	0.040	0.553	-0.519			0.0750
0.1000	-0.186	0.043	0.228	-0.411	0.026	0.437	-0.465	0.029	0.494	-0.490	0.007	0.497	-0.511	-0.006	0.505	0.1000
0.1500	-0.211	0.010	0.221	-0.274	-0.004	0.270	-0.459	0.002	0.461	-0.465	0.002	0.467	-0.485	-0.031	0.454	0.1500
0.2000	-0.220	-0.002	0.219	-0.262	-0.029	0.233	-0.454	-0.026	0.428	-0.460	-0.011	0.449	-0.462	-0.036	0.426	0.2000
0.3000	-0.215	-0.051	0.164	-0.247	-0.050	0.196	-0.253	-0.062	0.191	-0.452	-0.039	0.413	-0.437	-0.065	0.373	0.3000
0.4000	-0.228	-0.060	0.168	-0.245	-0.076	0.169	-0.259	-0.077	0.182	-0.365	-0.054	0.311	-0.417	-0.073	0.344	0.4000
0.5000	-0.230	-0.085	0.145	-0.252	-0.087	0.164	-0.252	-0.092	0.160	-0.262	-0.065	0.197	-0.402	-0.080	0.321	0.5000
0.6000	-0.231	-0.085	0.145	-0.240	-0.103	0.137	-0.249			-0.246	-0.073	0.173	-0.334	-0.087	0.247	0.6000
0.6170								-0.099								0.6170
0.7000	-0.230	-0.090	0.141	-0.240	-0.116	0.124	-0.245	-0.112	0.133	-0.247	-0.080	0.168	-0.237			0.7000
0.7100														-0.093		0.7100
0.8000		-0.117		-0.244	-0.114	0.130	-0.249	-0.099	0.151	-0.262	-0.078	0.184	-0.237			0.8000
0.8100														-0.119		0.8100
0.9000	-0.202	-0.085	0.117	-0.247			-0.279	-0.084	0.195	-0.266	-0.087	0.178				0.9000
1.0000	-0.174	0.006	0.180	-0.250	-0.065	0.185	-0.334	-0.067	0.266	-0.259	-0.108	0.151	-0.529	-0.220		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued
(b) BVWC $\delta = 0.5°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 1.302		α = 08.06							
0.0000	-0.165	-0.011	0.154	-0.474	0.119	0.593	-0.574	0.112	0.687	-0.550	0.195	0.745	-0.587	0.131		0.0000
0.0125	-0.197	-0.041	0.156	-0.428	0.064	0.492	-0.573	0.079	0.652	-0.545	0.109	0.654		0.077		0.0125
0.0250	-0.208	-0.062	0.147	-0.388	0.025	0.413	-0.570	0.053	0.623	-0.542	0.051	0.593	-0.543	0.036	0.579	0.0250
0.0500	-0.168	-0.075	0.092	-0.329	-0.002	0.326	-0.556	0.025	0.580	-0.539	0.018	0.557	-0.523	-0.001	0.523	0.0500
0.0750	-0.169	-0.100	0.069	-0.345	-0.017	0.328	-0.525	0.003	0.528	-0.532	-0.004	0.528	-0.527			0.0750
0.1000	-0.168	-0.103	0.065	-0.347	-0.014	0.333	-0.503	-0.014	0.489	-0.516	-0.034	0.483	-0.515	-0.042	0.473	0.1000
0.1500	-0.200	-0.130	0.070	-0.324	-0.075	0.248	-0.476	-0.049	0.427	-0.482	-0.047	0.435	-0.494	-0.070	0.424	0.1500
0.2000	-0.214	-0.145	0.070	-0.300	-0.115	0.185	-0.437	-0.075	0.362	-0.470	-0.063	0.407	-0.475	-0.079	0.396	0.2000
0.3000	-0.230	-0.176	0.054	-0.283	-0.143	0.140	-0.351	-0.110	0.241	-0.459	-0.086	0.374	-0.456	-0.092	0.364	0.3000
0.4000	-0.250	-0.174	0.076	-0.285	-0.152	0.133	-0.313	-0.118	0.196	-0.393	-0.092	0.301	-0.440	-0.106	0.335	0.4000
0.5000	-0.257	-0.174	0.083	-0.292	-0.156	0.137	-0.306	-0.126	0.180	-0.291	-0.101	0.190	-0.417	-0.115	0.302	0.5000
0.6000	-0.272	-0.167	0.105	-0.286	-0.156	0.130	-0.300			-0.286	-0.112	0.174	-0.379	-0.131	0.248	0.6000
0.6170								-0.136								0.6170
0.7000	-0.278	-0.159	0.119	-0.284	-0.163	0.121	-0.299	-0.149	0.149	-0.288	-0.123	0.164	-0.286			0.7000
0.7100														-0.140		0.7100
0.8000		-0.169		-0.284	-0.158	0.126	-0.289	-0.140	0.149	-0.290	-0.113	0.177	-0.287			0.8000
0.8100														-0.154		0.8100
0.9000	-0.246	-0.141	0.104	-0.302			-0.306	-0.120	0.186	-0.280	-0.117	0.164				0.9000
1.0000	-0.206	-0.077	0.129	-0.338	-0.117	0.221	-0.351	-0.090	0.261	-0.257	-0.134	0.123	-0.300	-0.191		1.0000
							M = 1.301		α = 12.06							
0.0000	-0.055	-0.220	-0.165	-0.065	-0.214	-0.149	-0.543	0.116	0.659	-0.592	0.173	0.765	-0.599	0.110		0.0000
0.0125	-0.136	-0.213	-0.077	-0.108	-0.286	-0.178	-0.536	0.056	0.592	-0.588	0.092	0.680		0.048		0.0125
0.0250	-0.180	-0.210	-0.030	-0.143	-0.329	-0.187	-0.526	0.014	0.541	-0.584	0.037	0.620	-0.573	0.005	0.578	0.0250
0.0500	-0.158	-0.218	-0.060	-0.189	-0.327	-0.138	-0.495	-0.013	0.482	-0.578	0.000	0.578	-0.557	-0.022	0.535	0.0500
0.0750	-0.172	-0.232	-0.060	-0.245	-0.326	-0.081	-0.480	-0.040	0.440	-0.573	-0.024	0.549	-0.553			0.0750
0.1000	-0.178	-0.236	-0.059	-0.268	-0.314	-0.046	-0.467	-0.063	0.405	-0.558	-0.057	0.501	-0.539	-0.078	0.461	0.1000
0.1500	-0.211	-0.263	-0.052	-0.277	-0.348	-0.071	-0.445	-0.099	0.346	-0.535	-0.068	0.467	-0.515	-0.101	0.414	0.1500
0.2000	-0.219	-0.274	-0.055	-0.280	-0.402	-0.121	-0.403	-0.131	0.272	-0.517	-0.091	0.426	-0.497	-0.111	0.386	0.2000
0.3000	-0.226	-0.306	-0.079	-0.299	-0.422	-0.123	-0.365	-0.180	0.186	-0.452	-0.112	0.340	-0.463	-0.133	0.330	0.3000
0.4000	-0.244	-0.301	-0.057	-0.310	-0.338	-0.028	-0.359	-0.201	0.158	-0.380	-0.126	0.253	-0.431	-0.151	0.281	0.4000
0.5000	-0.257	-0.319	-0.062	-0.324	-0.301	0.023	-0.350	-0.203	0.147	-0.348	-0.142	0.206	-0.395	-0.153	0.242	0.5000
0.6000	-0.275	-0.278	-0.003	-0.333	-0.275	0.058	-0.346			-0.313	-0.142	0.171	-0.349	-0.163	0.186	0.6000
0.6170								-0.192								0.6170
0.7000	-0.296	-0.223	0.073	-0.326	-0.292	0.034	-0.343	-0.175	0.168	-0.313	-0.146	0.167	-0.329			0.7000
0.7100														-0.169		0.7100
0.8000		-0.224		-0.326	-0.312	0.014	-0.324	-0.158	0.167	-0.323	-0.136	0.187	-0.329			0.8000
0.8100														-0.184		0.8100
0.9000	-0.293	-0.147	0.146	-0.342			-0.327	-0.153	0.174	-0.321	-0.146	0.175				0.9000
1.0000	-0.270	0.008	0.278	-0.374	-0.359	0.015	-0.349	-0.160	0.189	-0.306	-0.177	0.130	-0.392	-0.240		1.0000
							M = 1.304		α = 16.12							
0.0000	0.112	-0.295	-0.407	0.001	-0.398	-0.399	0.055	-0.548	-0.602	-0.588	0.237	0.825	-0.566	0.110		0.0000
0.0125	-0.100	-0.289	-0.188	-0.062	-0.457	-0.395	-0.026	-0.603	-0.578	-0.590	0.127	0.717		0.051		0.0125
0.0250	-0.225	-0.286	-0.061	-0.109	-0.488	-0.379	-0.087	-0.639	-0.551	-0.592	0.056	0.648	-0.533	0.008	0.541	0.0250
0.0500	-0.211	-0.290	-0.079	-0.154	-0.466	-0.312	-0.157	-0.648	-0.491	-0.595	0.028	0.623	-0.516	-0.030	0.485	0.0500
0.0750	-0.230	-0.297	-0.067	-0.207	-0.456	-0.249	-0.236	-0.649	-0.413	-0.592	0.004	0.596	-0.515			0.0750
0.1000	-0.237	-0.294	-0.057	-0.229	-0.456	-0.227	-0.274	-0.640	-0.366	-0.565	-0.039	0.526	-0.509	-0.084	0.425	0.1000
0.1500	-0.264	-0.311	-0.047	-0.238	-0.441	-0.203	-0.326	-0.587	-0.261	-0.536	-0.063	0.473	-0.492	-0.115	0.377	0.1500
0.2000	-0.268	-0.317	-0.049	-0.233	-0.441	-0.208	-0.347	-0.548	-0.201	-0.511	-0.090	0.421	-0.477	-0.132	0.344	0.2000
0.3000	-0.271	-0.348	-0.077	-0.235	-0.462	-0.227	-0.373	-0.471	-0.098	-0.463	-0.116	0.348	-0.458	-0.160	0.298	0.3000
0.4000	-0.273	-0.360	-0.087	-0.272	-0.491	-0.219	-0.384	-0.440	-0.056	-0.393	-0.138	0.256	-0.438	-0.183	0.255	0.4000
0.5000	-0.261	-0.387	-0.126	-0.316	-0.367	-0.051	-0.361	-0.411	-0.050	-0.358	-0.159	0.199	-0.416	-0.199	0.218	0.5000
0.6000	-0.246	-0.393	-0.148	-0.334	-0.346	-0.012	-0.353			-0.352	-0.181	0.171	-0.393	-0.214	0.179	0.6000
0.6170								-0.367								0.6170
0.7000	-0.254	-0.393	-0.139	-0.338	-0.346	-0.008	-0.347	-0.330	0.017	-0.354	-0.191	0.163	-0.371			0.7000
0.7100														-0.208		0.7100
0.8000		-0.330		-0.326	-0.269	0.057	-0.349	-0.230	0.118	-0.367	-0.136	0.232	-0.363			0.8000
0.8100														-0.174		0.8100
0.9000	-0.296	-0.213	0.082	-0.353			-0.360	-0.103	0.257	-0.367	-0.056	0.311				0.9000
1.0000	-0.329	-0.042	0.287	-0.420	0.112	0.532	-0.381	0.052	0.433	-0.354	0.049	0.402	-0.392	-0.034		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued
(b) BVWC $\delta = 0.5°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 2.229 α = -03.65															
0.0000	0.871	0.235	-0.637	-0.063	0.313	0.376	-0.042	0.268	0.310	0.026	0.327	0.300	0.010	0.301		0.0000
0.0125	0.259	0.203	-0.056	-0.076	0.267	0.343	-0.047	0.254	0.301	-0.005	0.280	0.284		0.270		0.0125
0.0250	-0.107	0.178	0.285	-0.076	0.233	0.309	-0.052	0.239	0.291	-0.026	0.246	0.272	-0.017	0.245	0.262	0.0250
0.0500	-0.103	0.145	0.249	-0.038	0.204	0.242	-0.062	0.209	0.271	-0.040	0.219	0.259	-0.030	0.214	0.244	0.0500
0.0750	-0.099	0.126	0.225	-0.099	0.172	0.271	-0.077	0.190	0.267	-0.054	0.198	0.252	-0.028			0.0750
0.1000	-0.090	0.124	0.214	-0.107	0.152	0.259	-0.084	0.175	0.259	-0.065	0.174	0.239	-0.032	0.171	0.203	0.1000
0.1500	-0.079	0.107	0.187	-0.117	0.124	0.241	-0.093	0.149	0.242	-0.074	0.148	0.222	-0.039	0.143	0.182	0.1500
0.2000	-0.072	0.095	0.167	-0.118	0.103	0.222	-0.096	0.129	0.225	-0.080	0.128	0.208	-0.050	0.129	0.179	0.2000
0.3000	-0.072	0.079	0.151	-0.110	0.078	0.188	-0.103	0.093	0.196	-0.086	0.103	0.189	-0.059	0.108	0.167	0.3000
0.4000	-0.073	0.072	0.145	-0.107	0.063	0.170	-0.110	0.073	0.183	-0.093	0.089	0.182	-0.077	0.091	0.168	0.4000
0.5000	-0.070	0.066	0.136	-0.107	0.054	0.161	-0.114	0.058	0.172	-0.098	0.070	0.168	-0.083	0.081	0.163	0.5000
0.6000	-0.066	0.048	0.114	-0.103	0.046	0.150	-0.118			-0.104	0.059	0.164	-0.088	0.069	0.157	0.6000
0.6170								0.046								0.6170
0.7000	-0.065	0.051	0.116	-0.093	0.035	0.128	-0.119	0.043	0.161	-0.110	0.053	0.163	-0.096			0.7000
0.7100														0.065		0.7100
0.8000		0.023		-0.079	0.033	0.113	-0.117	0.043	0.160	-0.118	0.053	0.171	-0.102			0.8000
0.8100														0.055		0.8100
0.9000	-0.077	0.012	0.089	-0.081			-0.119	0.046	0.165	-0.119	0.043	0.162				0.9000
1.0000	-0.091	0.019	0.110	-0.096	0.058	0.154	-0.125	0.053	0.178	-0.114	0.023	0.137	-0.109	0.018		1.0000
	M = 2.229 α = 00.40															
0.0000	0.873	0.143	-0.730	-0.077	0.245	0.322	-0.089	0.194	0.283	-0.016	0.255	0.272	-0.083	0.233		0.0000
0.0125	0.258	0.125	-0.134	-0.093	0.203	0.296	-0.082	0.188	0.270	-0.041	0.214	0.255		0.209		0.0125
0.0250	-0.110	0.108	0.219	-0.094	0.173	0.267	-0.080	0.180	0.260	-0.057	0.185	0.242	-0.048	0.187	0.235	0.0250
0.0500	-0.109	0.081	0.190	-0.050	0.151	0.201	-0.087	0.158	0.245	-0.069	0.160	0.229	-0.040	0.151	0.191	0.0500
0.0750	-0.102	0.071	0.173	-0.117	0.119	0.236	-0.099	0.145	0.245	-0.081	0.144	0.225	-0.059			0.0750
0.1000	-0.088	0.068	0.157	-0.124	0.101	0.225	-0.106	0.126	0.231	-0.092	0.122	0.214	-0.061	0.120	0.181	0.1000
0.1500	-0.085	0.057	0.142	-0.132	0.075	0.207	-0.115	0.100	0.215	-0.099	0.119	0.218	-0.067	0.097	0.164	0.1500
0.2000	-0.086	0.041	0.127	-0.132	0.058	0.190	-0.118	0.079	0.197	-0.103	0.100	0.204	-0.076	0.087	0.163	0.2000
0.3000	-0.087	0.032	0.120	-0.125	0.034	0.159	-0.123	0.045	0.169	-0.108	0.077	0.184	-0.087	0.061	0.148	0.3000
0.4000	-0.091	0.029	0.120	-0.123	0.022	0.145	-0.130	0.030	0.160	-0.114	0.068	0.182	-0.095	0.048	0.143	0.4000
0.5000	-0.089	0.026	0.115	-0.123	0.013	0.136	-0.133	0.018	0.151	-0.117	0.049	0.166	-0.107	0.039	0.146	0.5000
0.6000	-0.090	0.008	0.098	-0.120	0.006	0.126	-0.132			-0.123	0.038	0.161	-0.107	0.035	0.143	0.6000
0.6170								0.011								0.6170
0.7000	-0.086	0.016	0.102	-0.110	-0.003	0.106	-0.131	0.004	0.135	-0.130	0.032	0.161	-0.115			0.7000
0.7100														0.024		0.7100
0.8000		-0.012		-0.102	-0.005	0.097	-0.131	0.003	0.134	-0.135	0.032	0.167	-0.120			0.8000
0.8100														0.022		0.8100
0.9000	-0.102	-0.025	0.077	-0.106			-0.134	0.004	0.138	-0.136	0.026	0.162				0.9000
1.0000	-0.122	-0.025	0.096	-0.122	0.013	0.135	-0.139	0.007	0.146	-0.132	0.013	0.145	-0.128	0.039		1.0000
	M = 2.229 α = 04.26															
0.0000	0.783	0.052	-0.730	-0.085	0.194	0.280	-0.085	0.147	0.232	-0.042	0.167	0.209	-0.070	0.183		0.0000
0.0125	0.229	0.042	-0.187	-0.105	0.151	0.256	-0.092	0.138	0.230	-0.066	0.160	0.225		0.163		0.0125
0.0250	-0.102	0.034	0.136	-0.107	0.121	0.229	-0.098	0.129	0.226	-0.082	0.149	0.231	-0.078	0.142	0.220	0.0250
0.0500	-0.099	0.019	0.118	-0.060	0.105	0.165	-0.104	0.108	0.212	-0.092	0.118	0.210	-0.084	0.095	0.179	0.0500
0.0750	-0.093	0.014	0.107	-0.130	0.075	0.205	-0.112	0.094	0.206	-0.103	0.100	0.203	-0.088			0.0750
0.1000	-0.089	0.014	0.103	-0.137	0.059	0.196	-0.121	0.081	0.202	-0.109	0.080	0.189	-0.090	0.082	0.172	0.1000
0.1500	-0.097	0.006	0.104	-0.144	0.039	0.183	-0.130	0.060	0.190	-0.117	0.102	0.219	-0.096	0.058	0.153	0.1500
0.2000	-0.101	-0.006	0.095	-0.143	0.022	0.164	-0.134	0.041	0.175	-0.122	0.086	0.208	-0.101	0.048	0.149	0.2000
0.3000	-0.105	-0.009	0.096	-0.137		0.137	-0.139	0.013	0.152	-0.126	0.065	0.191	-0.111	0.029	0.140	0.3000
0.4000	-0.108	-0.006	0.102	-0.136	-0.011	0.126	-0.144	-0.004	0.140	-0.132	0.056	0.189	-0.118	0.017	0.135	0.4000
0.5000	-0.109	-0.013	0.096	-0.137	-0.020	0.117	-0.145	-0.014	0.130	-0.135	0.040	0.175	-0.125	0.009	0.134	0.5000
0.6000	-0.110	-0.025	0.085	-0.133	-0.027	0.106	-0.144			-0.138	0.031	0.169	-0.129	-0.002	0.128	0.6000
0.6170								-0.023								0.6170
0.7000	-0.107	-0.018	0.089	-0.127	-0.032	0.095	-0.142	-0.028	0.114	-0.144	0.025	0.169	-0.135			0.7000
0.7100														-0.005		0.7100
0.8000		-0.046		-0.121	-0.035	0.087	-0.142	-0.027	0.115	-0.150	0.023	0.173	-0.141			0.8000
0.8100														-0.014		0.8100
0.9000	-0.124	-0.060	0.064	-0.128			-0.144	-0.021	0.123	-0.150	0.016	0.166				0.9000
1.0000	-0.145	-0.060	0.084	-0.146	-0.031	0.115	-0.145	-0.010	0.136	-0.146	0.002	0.148	-0.153	-0.046		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = 0.5°$- Concluded

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 2.232		α = 08.31							
0.0000	0.423	-0.054	-0.477	-0.063	0.138	0.201	-0.108	0.179	0.287	-0.089	0.118	0.207	-0.115	0.159		0.0000
0.0125	0.101	-0.055	-0.156	-0.089	0.090	0.178	-0.116	0.143	0.259	-0.104	0.126	0.230		0.139		0.0125
0.0250	-0.092	-0.056	0.036	-0.096	0.058	0.154	-0.122	0.118	0.240	-0.114	0.126	0.240	-0.110	0.119	0.229	0.0250
0.0500	-0.092	-0.062	0.030	-0.055	0.045	0.100	-0.131	0.097	0.228	-0.122	0.099	0.221	-0.111	0.079	0.190	0.0500
0.0750	-0.093	-0.062	0.031	-0.127	0.017	0.144	-0.141	0.082	0.223	-0.132	0.085	0.217	-0.118			0.0750
0.1000	-0.095	-0.061	0.034	-0.136	0.004	0.140	-0.144	0.068	0.212	-0.138	0.064	0.202	-0.119	0.061	0.180	0.1000
0.1500	-0.108	-0.069	0.039	-0.150	-0.019	0.131	-0.150	0.046	0.196	-0.144	0.104	0.248	-0.121	0.036	0.157	0.1500
0.2000	-0.112	-0.076	0.037	-0.152	-0.037	0.114	-0.152	0.028	0.180	-0.146	0.088	0.235	-0.128	0.029	0.157	0.2000
0.3000	-0.117	-0.082	0.036	-0.149	-0.061	0.087	-0.155		0.155	-0.149	0.064	0.213	-0.133	0.008	0.141	0.3000
0.4000	-0.122	-0.068	0.055	-0.148	-0.077	0.071	-0.158	-0.025	0.132	-0.152	0.057	0.208	-0.139	-0.002	0.137	0.4000
0.5000	-0.128	-0.084	0.043	-0.150	-0.085	0.065	-0.159	-0.038	0.121	-0.154	0.039	0.193	-0.141	-0.013	0.129	0.5000
0.6000	-0.129	-0.090	0.039	-0.149	-0.089	0.060	-0.158			-0.153	0.026	0.178	-0.147	-0.022	0.125	0.6000
0.6170								-0.050								0.6170
0.7000	-0.128	-0.078	0.050	-0.148	-0.094	0.054	-0.157	-0.060	0.098	-0.158	0.016	0.175	-0.151			0.7000
0.7100														-0.026		0.7100
0.8000		-0.094		-0.146	-0.087	0.058	-0.158	-0.064	0.094	-0.163	0.011	0.174	-0.159			0.8000
0.8100														-0.037		0.8100
0.9000	-0.143	-0.098	0.045	-0.149			-0.162	-0.059	0.103	-0.161	0.003	0.164				0.9000
1.0000	-0.159	-0.090	0.068	-0.157	-0.039	0.118	-0.169	-0.044	0.125	-0.152	-0.005	0.147	-0.187	-0.074		1.0000
							M = 2.233		α = 12.36							
0.0000	0.295	-0.123	-0.418	-0.006	0.016	0.023	-0.140	0.132	0.273	-0.133	0.138	0.271	-0.138	0.146		0.0000
0.0125	0.060	-0.120	-0.180	-0.038	-0.031	0.007	-0.141	0.089	0.230	-0.151	0.122	0.272		0.117		0.0125
0.0250	-0.083	-0.117	-0.034	-0.053	-0.058	-0.006	-0.142	0.057	0.199	-0.162	0.106	0.268	-0.148	0.094	0.242	0.0250
0.0500	-0.094	-0.116	-0.022	-0.030	-0.056	-0.026	-0.144	0.026	0.169	-0.168	0.075	0.243	-0.154	0.067	0.220	0.0500
0.0750	-0.094	-0.110	-0.017	-0.101	-0.089	0.013	-0.147	0.002	0.149	-0.171	0.056	0.227	-0.154			0.0750
0.1000	-0.097	-0.106	-0.009	-0.114	-0.100	0.014	-0.150	-0.027	0.123	-0.173	0.040	0.213	-0.154	0.037	0.191	0.1000
0.1500	-0.116	-0.110	0.006	-0.131	-0.112	0.018	-0.155	-0.058	0.097	-0.177	0.077	0.254	-0.155	0.017	0.172	0.1500
0.2000	-0.122	-0.114	0.009	-0.138	-0.127	0.011	-0.155	-0.077	0.078	-0.175	0.061	0.235	-0.159	0.006	0.165	0.2000
0.3000	-0.132	-0.114	0.019	-0.142	-0.139	0.002	-0.156	-0.097	0.059	-0.175	0.037	0.212	-0.163	-0.014	0.148	0.3000
0.4000	-0.136	-0.094	0.042	-0.145	-0.140	0.004	-0.159	-0.105	0.054	-0.173	0.028	0.202	-0.168	-0.026	0.142	0.4000
0.5000	-0.138	-0.117	0.021	-0.152	-0.133	0.019	-0.161	-0.105	0.056	-0.171	0.009	0.181	-0.171	-0.036	0.135	0.5000
0.6000	-0.137	-0.121	0.016	-0.155	-0.117	0.038	-0.164			-0.168		0.168	-0.173	-0.047	0.125	0.6000
0.6170								-0.102								0.6170
0.7000	-0.137	-0.114	0.023	-0.158	-0.109	0.049	-0.164	-0.099	0.065	-0.170	-0.007	0.163	-0.172			0.7000
0.7100														-0.051		0.7100
0.8000		-0.131		-0.158	-0.105	0.054	-0.165	-0.094	0.071	-0.171	-0.007	0.164	-0.175			0.8000
0.8100														-0.058		0.8100
0.9000	-0.151	-0.138	0.013	-0.165			-0.166	-0.087	0.079	-0.172	-0.010	0.162				0.9000
1.0000	-0.165	-0.136	0.028	-0.176	-0.109	0.067	-0.169	-0.080	0.090	-0.173	-0.014	0.159	-0.191	-0.081		1.0000
							M = 2.232		α = 16.37							
0.0000	0.314	-0.110	-0.424	-0.064	-0.013	0.051	-0.017	-0.145	-0.128	-0.161	0.104	0.265	-0.189	0.104		0.0000
0.0125	0.041	-0.114	-0.155	-0.091	-0.042	0.048	-0.046	-0.152	-0.106	-0.181	0.062	0.243		0.079		0.0125
0.0250	-0.122	-0.118	0.004	-0.099	-0.062	0.036	-0.068	-0.156	-0.087	-0.193	0.034	0.228	-0.161	0.058	0.220	0.0250
0.0500	-0.113	-0.122	-0.009	-0.059	-0.072	-0.013	-0.092	-0.154	-0.061	-0.193	0.024	0.217	-0.154	0.034	0.188	0.0500
0.0750	-0.125	-0.125	-0.001	-0.132	-0.095	0.037	-0.104	-0.151	-0.047	-0.193	0.007	0.200	-0.167			0.0750
0.1000	-0.125	-0.122	0.004	-0.139	-0.103	0.036	-0.119	-0.152	-0.033	-0.192	-0.013	0.179	-0.169	0.008	0.177	0.1000
0.1500	-0.137	-0.128	0.009	-0.150	-0.117	0.034	-0.136	-0.153	-0.017	-0.192	0.031	0.223	-0.170	-0.018	0.151	0.1500
0.2000	-0.140	-0.131	0.009	-0.155	-0.125	0.030	-0.149	-0.152	-0.003	-0.192	0.023	0.214	-0.173	-0.028	0.145	0.2000
0.3000	-0.148	-0.130	0.019	-0.155	-0.137	0.018	-0.154	-0.150	0.004	-0.187	0.009	0.196	-0.181	-0.047	0.134	0.3000
0.4000	-0.151	-0.108	0.043	-0.157	-0.142	0.015	-0.165	-0.142	0.024	-0.183	0.009	0.192	-0.180	-0.055	0.125	0.4000
0.5000	-0.156	-0.135	0.021	-0.159	-0.145	0.014	-0.170	-0.137	0.032	-0.181	-0.009	0.172	-0.182	-0.060	0.123	0.5000
0.6000	-0.155	-0.139	0.016	-0.160	-0.149	0.012	-0.174			-0.180	-0.014	0.166	-0.184	-0.067	0.117	0.6000
0.6170								-0.130								0.6170
0.7000	-0.156	-0.131	0.026	-0.161	-0.151	0.010	-0.175	-0.122	0.053	-0.182	-0.019	0.163	-0.184			0.7000
0.7100														-0.072		0.7100
0.8000		-0.145		-0.164	-0.150	0.014	-0.178	-0.120	0.058	-0.186	-0.022	0.165	-0.184			0.8000
0.8100														-0.080		0.8100
0.9000	-0.167	-0.152	0.016	-0.172			-0.185	-0.116	0.069	-0.185	-0.027	0.158				0.9000
1.0000	-0.177	-0.149	0.027	-0.184	-0.135	0.049	-0.197	-0.110	0.087	-0.179	-0.034	0.145	-0.185	-0.101		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.9°$

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.698	α = -04.10								
0.0000	1.041	0.341	-0.700	-0.862	0.379	1.241	-0.728	0.388	1.117	-0.607	0.469	1.076	-0.503	0.422		0.0000
0.0125	0.164	0.289	0.126	-0.903	0.314	1.217	-0.728	0.317	1.044	-0.603	0.362	0.965		0.340		0.0125
0.0250	-0.354	0.250	0.604	-0.913	0.264	1.177	-0.729	0.263	0.992	-0.601	0.285	0.886	-0.517	0.280	0.796	0.0250
0.0500	-0.314	0.205	0.519	-0.843	0.204	1.047	-0.739	0.213	0.952	-0.604	0.221	0.825	-0.521	0.227	0.748	0.0500
0.0750	-0.289	0.168	0.458	-0.702	0.162	0.864	-0.732	0.182	0.914	-0.601	0.187	0.788	-0.517			0.0750
0.1000	-0.270	0.149	0.419	-0.532	0.136	0.667	-0.722	0.154	0.876	-0.590	0.152	0.742	-0.512	0.160	0.672	0.1000
0.1500	-0.246	0.115	0.361	-0.259	0.098	0.357	-0.675	0.115	0.790	-0.574	0.114	0.688	-0.503	0.123	0.627	0.1500
0.2000	-0.240	0.101	0.342	-0.215	0.076	0.290	-0.546	0.092	0.638	-0.553	0.093	0.646	-0.492	0.106	0.598	0.2000
0.3000	-0.213	0.062	0.275	-0.194	0.050	0.243	-0.247	0.061	0.307	-0.466	0.072	0.538	-0.444	0.073	0.517	0.3000
0.4000	-0.180	0.041	0.221	-0.158	0.039	0.197	-0.136	0.047	0.183	-0.327	0.055	0.382	-0.336	0.050	0.386	0.4000
0.5000	-0.157	0.028	0.185	-0.139	0.035	0.174	-0.107	0.040	0.147	-0.198	0.045	0.243	-0.238	0.035	0.273	0.5000
0.6000	-0.126	0.020	0.146	-0.106	0.028	0.134	-0.084			-0.128	0.038	0.167	-0.161	0.022	0.182	0.6000
0.6170								0.047								0.6170
0.7000	-0.101	0.017	0.118	-0.084	0.035	0.119	-0.070	0.049	0.119	-0.091	0.035	0.127	-0.107			0.7000
0.7100														0.014		0.7100
0.8000		0.037		-0.056	0.051	0.107	-0.058	0.067	0.125	-0.048	0.032	0.080	-0.063			0.8000
0.8100														0.002		0.8100
0.9000	-0.048	0.045	0.093	-0.015			-0.029	0.057	0.085	-0.004	0.013	0.017				0.9000
1.0000	-0.020	0.041	0.061	0.039	0.107	0.067	0.019	0.018	-0.001	0.041	-0.022	-0.063	-0.002	-0.036		1.0000
							M = 0.702	α = -00.05								
0.0000	1.138	0.306	-0.832	-0.879	0.338	1.217	-0.730	0.340	1.070	-0.596	0.409	1.005	-0.487	0.359		0.0000
0.0125	0.175	0.244	0.068	-0.919	0.272	1.191	-0.729	0.276	1.004	-0.592	0.317	0.909		0.293		0.0125
0.0250	-0.394	0.198	0.592	-0.931	0.221	1.152	-0.729	0.227	0.957	-0.590	0.251	0.841	-0.493	0.244	0.737	0.0250
0.0500	-0.351	0.156	0.507	-0.868	0.164	1.032	-0.734	0.181	0.915	-0.594	0.195	0.789	-0.494	0.198	0.692	0.0500
0.0750	-0.328	0.125	0.453	-0.725	0.125	0.850	-0.734	0.153	0.888	-0.589	0.164	0.753	-0.490			0.0750
0.1000	-0.309	0.107	0.415	-0.539	0.098	0.638	-0.728	0.131	0.860	-0.580	0.129	0.709	-0.486	0.136	0.622	0.1000
0.1500	-0.285	0.075	0.360	-0.273	0.064	0.337	-0.688	0.088	0.776	-0.570	0.096	0.667	-0.483	0.105	0.587	0.1500
0.2000	-0.279	0.061	0.340	-0.241	0.045	0.285	-0.553	0.073	0.626	-0.551	0.080	0.631	-0.481	0.089	0.571	0.2000
0.3000	-0.251	0.027	0.278	-0.217	0.022	0.239	-0.230	0.043	0.273	-0.467	0.058	0.524	-0.444	0.058	0.503	0.3000
0.4000	-0.210	0.009	0.219	-0.176	0.016	0.191	-0.135	0.034	0.169	-0.325	0.043	0.369	-0.350	0.035	0.386	0.4000
0.5000	-0.181	0.001	0.182	-0.155	0.012	0.167	-0.115	0.028	0.143	-0.195	0.035	0.230	-0.259	0.023	0.281	0.5000
0.6000	-0.145	-0.002	0.142	-0.118	0.013	0.130	-0.097			-0.127	0.031	0.158	-0.188	0.010	0.198	0.6000
0.6170								0.032								0.6170
0.7000	-0.118	0.000	0.119	-0.098	0.021	0.120	-0.079	0.038	0.117	-0.093	0.027	0.120	-0.128			0.7000
0.7100														0.001		0.7100
0.8000		0.023		-0.069	0.034	0.104	-0.067	0.056	0.123	-0.053	0.021	0.074	-0.081			0.8000
0.8100														-0.008		0.8100
0.9000	-0.058	0.027	0.085	-0.027			-0.042	0.047	0.088	-0.006	0.004	0.010				0.9000
1.0000	-0.024	0.012	0.036	0.030	0.074	0.044	-0.005	0.009	0.013	0.047	-0.026	-0.073	-0.021	-0.029		1.0000
							M = 0.695	α = 04.00								
0.0000	1.106	0.255	-0.851	-0.866	0.278	1.143	-0.750	0.296	1.047	-0.606	0.361	0.967	-0.495	0.320		0.0000
0.0125	0.156	0.203	0.046	-0.936	0.230	1.166	-0.750	0.243	0.993	-0.601	0.283	0.883		0.263		0.0125
0.0250	-0.406	0.163	0.569	-0.957	0.190	1.147	-0.750	0.202	0.952	-0.598	0.225	0.823	-0.490	0.220	0.711	0.0250
0.0500	-0.366	0.122	0.487	-0.850	0.135	0.985	-0.755	0.158	0.913	-0.600	0.172	0.773	-0.485	0.176	0.661	0.0500
0.0750	-0.345	0.090	0.434	-0.672	0.096	0.768	-0.757	0.133	0.890	-0.597	0.146	0.743	-0.481			0.0750
0.1000	-0.328	0.071	0.399	-0.482	0.070	0.553	-0.750	0.108	0.858	-0.590	0.113	0.703	-0.479	0.122	0.601	0.1000
0.1500	-0.307	0.040	0.347	-0.295	0.041	0.336	-0.690	0.072	0.762	-0.580	0.087	0.667	-0.480	0.092	0.572	0.1500
0.2000	-0.296	0.029	0.326	-0.264	0.025	0.289	-0.515	0.052	0.567	-0.562	0.068	0.630	-0.483	0.077	0.560	0.2000
0.3000	-0.265	0.001	0.265	-0.233	0.005	0.239	-0.202	0.031	0.233	-0.463	0.049	0.512	-0.450	0.047	0.497	0.3000
0.4000	-0.223	-0.011	0.212	-0.189	0.003	0.192	-0.145	0.023	0.168	-0.308	0.037	0.345	-0.363	0.028	0.391	0.4000
0.5000	-0.192	-0.014	0.177	-0.162	0.003	0.165	-0.125	0.019	0.144	-0.175	0.029	0.204	-0.275	0.013	0.288	0.5000
0.6000	-0.151	-0.014	0.137	-0.127	0.003	0.129	-0.101			-0.119	0.023	0.142	-0.197	0.002	0.199	0.6000
0.6170								0.023								0.6170
0.7000	-0.121	-0.010	0.111	-0.100	0.015	0.115	-0.086	0.029	0.115	-0.091	0.021	0.112	-0.132			0.7000
0.7100														-0.007		0.7100
0.8000		0.017		-0.072	0.028	0.100	-0.073	0.046	0.119	-0.057	0.012	0.070	-0.079			0.8000
0.8100														-0.014		0.8100
0.9000	-0.058	0.027	0.085	-0.031			-0.045	0.039	0.084	-0.014	-0.003	0.011				0.9000
1.0000	-0.024	0.018	0.042	0.024	0.060	0.036	-0.001	0.006	0.007	0.038	-0.026	-0.063	-0.011	-0.028		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.9°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
							M = 0.699		α = 07.91							
0.0000	1.190	0.197	-0.993	-0.911	0.292	1.203	-0.833	0.307	1.140	-0.652	0.350	1.001	-0.516	0.300		0.0000
0.0125	0.155	0.148	-0.007	-1.023	0.225	1.249	-0.828	0.245	1.073	-0.647	0.278	0.925		0.247		0.0125
0.0250	-0.458	0.111	0.568	-1.061	0.171	1.232	-0.826	0.199	1.025	-0.645	0.224	0.869	-0.509	0.208	0.717	0.0250
0.0500	-0.418	0.069	0.487	-0.909	0.104	1.013	-0.832	0.153	0.985	-0.646	0.171	0.818	-0.503	0.171	0.674	0.0500
0.0750	-0.401	0.037	0.438	-0.704	0.075	0.779	-0.828	0.125	0.953	-0.642	0.143	0.785	-0.500			0.0750
0.1000	-0.386	0.019	0.405	-0.524	0.048	0.572	-0.809	0.101	0.909	-0.635	0.110	0.745	-0.499	0.117	0.616	0.1000
0.1500	-0.362	-0.007	0.356	-0.351	0.018	0.369	-0.719	0.068	0.786	-0.623	0.083	0.706	-0.498	0.085	0.584	0.1500
0.2000	-0.354	-0.013	0.341	-0.312	0.004	0.316	-0.531	0.046	0.577	-0.602	0.068	0.670	-0.499	0.070	0.569	0.2000
0.3000	-0.313	-0.033	0.280	-0.270	-0.008	0.262	-0.232	0.024	0.255	-0.488	0.050	0.537	-0.475	0.042	0.517	0.3000
0.4000	-0.262	-0.036	0.226	-0.218	-0.004	0.215	-0.168	0.017	0.185	-0.312	0.033	0.345	-0.397	0.022	0.419	0.4000
0.5000	-0.226	-0.032	0.194	-0.189	-0.005	0.184	-0.143	0.013	0.155	-0.176	0.027	0.202	-0.305	0.008	0.312	0.5000
0.6000	-0.180	-0.029	0.151	-0.144	-0.006	0.138	-0.119			-0.122	0.022	0.144	-0.214	-0.005	0.209	0.6000
0.6170								0.022								0.6170
0.7000	-0.147	-0.022	0.125	-0.118	0.006	0.124	-0.098	0.027	0.125	-0.098	0.020	0.117	-0.139			0.7000
0.7100														-0.013		0.7100
0.8000		0.009		-0.089	0.021	0.110	-0.083	0.044	0.127	-0.059	0.010	0.069	-0.078			0.8000
0.8100														-0.021		0.8100
0.9000	-0.078	0.018	0.097	-0.043			-0.053	0.034	0.086	-0.017	-0.007	0.010				0.9000
1.0000	-0.043	0.006	0.049	0.019	0.062	0.043	-0.006	-0.003	0.003	0.029	-0.031	-0.060	-0.002	-0.044		1.0000
							M = 0.700		α = 11.91							
0.0000	0.739	-0.275	-1.014	-1.090	0.071	1.161	-1.160	0.360	1.520	-0.948	0.321	1.269	-0.644	0.290		0.0000
0.0125	0.140	-0.294	-0.434	-0.745	-0.018	0.727	-1.215	0.277	1.492	-0.929	0.273	1.202		0.245		0.0125
0.0250	-0.222	-0.301	-0.079	-0.530	-0.074	0.456	-1.214	0.218	1.432	-0.916	0.234	1.150	-0.671	0.212	0.883	0.0250
0.0500	-0.237	-0.283	-0.046	-0.488	-0.088	0.400	-1.043	0.173	1.216	-0.907	0.182	1.089	-0.683	0.177	0.861	0.0500
0.0750	-0.265	-0.279	-0.014	-0.494	-0.099	0.395	-0.896	0.143	1.039	-0.888	0.154	1.042	-0.680			0.0750
0.1000	-0.280	-0.265	0.015	-0.473	-0.113	0.360	-0.783	0.120	0.903	-0.851	0.119	0.971	-0.677	0.121	0.797	0.1000
0.1500	-0.289	-0.243	0.046	-0.416	-0.122	0.294	-0.600	0.078	0.678	-0.754	0.088	0.841	-0.664	0.087	0.751	0.1500
0.2000	-0.310	-0.206	0.104	-0.380	-0.125	0.255	-0.446	0.058	0.504	-0.627	0.072	0.699	-0.626	0.073	0.700	0.2000
0.3000	-0.313	-0.169	0.145	-0.330	-0.111	0.220	-0.314	0.034	0.348	-0.415	0.050	0.465	-0.501	0.039	0.540	0.3000
0.4000	-0.286	-0.124	0.163	-0.276	-0.092	0.184	-0.254	0.026	0.280	-0.288	0.031	0.319	-0.353	0.015	0.368	0.4000
0.5000	-0.261	-0.089	0.171	-0.238	-0.083	0.155	-0.209	0.016	0.225	-0.220	0.022	0.242	-0.250	0.002	0.252	0.5000
0.6000	-0.215	-0.070	0.145	-0.189	-0.073	0.115	-0.168			-0.184	0.014	0.198	-0.185	-0.015	0.169	0.6000
0.6170								0.021								0.6170
0.7000	-0.181	-0.052	0.129	-0.157	-0.055	0.102	-0.143	0.022	0.165	-0.153	0.008	0.161	-0.130			0.7000
0.7100														-0.023		0.7100
0.8000		-0.022		-0.122	-0.029	0.093	-0.121	0.038	0.159	-0.104	-0.004	0.100	-0.091			0.8000
0.8100														-0.038		0.8100
0.9000	-0.105	-0.012	0.093	-0.076			-0.083	0.024	0.107	-0.051	-0.030	0.021				0.9000
1.0000	-0.063	-0.023	0.039	-0.019	0.041	0.060	-0.029	-0.020	0.010	0.006	-0.071	-0.076	-0.060	-0.082		1.0000
							M = 0.696		α = 15.87							
0.0000	0.412	-0.872	-1.284	-0.165	-0.718	-0.553	-1.448	0.389	1.836	-0.970	0.372	1.341	-0.638	0.313		0.0000
0.0125	0.122	-0.807	-0.929	-0.227	-0.633	-0.406	-1.469	0.301	1.770	-0.960	0.324	1.284		0.271		0.0125
0.0250	-0.064	-0.736	-0.671	-0.280	-0.550	-0.269	-1.469	0.238	1.707	-0.953	0.284	1.237	-0.652	0.238	0.889	0.0250
0.0500	-0.121	-0.571	-0.450	-0.360	-0.389	-0.029	-1.406	0.184	1.590	-0.947	0.228	1.175	-0.654	0.199	0.853	0.0500
0.0750	-0.166	-0.535	-0.368	-0.428	-0.325	0.103	-1.310	0.148	1.458	-0.941	0.192	1.133	-0.646			0.0750
0.1000	-0.189	-0.489	-0.300	-0.453	-0.301	0.152	-1.208	0.121	1.329	-0.930	0.152	1.082	-0.640	0.132	0.772	0.1000
0.1500	-0.227	-0.409	-0.182	-0.464	-0.254	0.210	-0.926	0.073	0.999	-0.905	0.111	1.016	-0.629	0.097	0.726	0.1500
0.2000	-0.272	-0.334	-0.062	-0.454	-0.229	0.226	-0.598	0.048	0.646	-0.861	0.085	0.945	-0.614	0.075	0.689	0.2000
0.3000	-0.326	-0.239	0.087	-0.415	-0.177	0.238	-0.346	0.021	0.367	-0.722	0.056	0.777	-0.556	0.040	0.596	0.3000
0.4000	-0.330	-0.173	0.158	-0.350	-0.140	0.211	-0.277	0.012	0.290	-0.546	0.030	0.576	-0.462	0.011	0.473	0.4000
0.5000	-0.315	-0.129	0.186	-0.300	-0.112	0.188	-0.225	0.005	0.230	-0.381	0.017	0.398	-0.373	-0.010	0.363	0.5000
0.6000	-0.266	-0.100	0.166	-0.237	-0.095	0.143	-0.182			-0.269	0.008	0.277	-0.292	-0.028	0.265	0.6000
0.6170								0.007								0.6170
0.7000	-0.222	-0.077	0.145	-0.198	-0.071	0.127	-0.154	0.008	0.162	-0.205	-0.003	0.202	-0.221			0.7000
0.7100														-0.042		0.7100
0.8000		-0.046		-0.155	-0.044	0.111	-0.127	0.023	0.149	-0.138	-0.017	0.121	-0.166			0.8000
0.8100														-0.062		0.8100
0.9000	-0.132	-0.029	0.103	-0.102			-0.090	0.005	0.095	-0.076	-0.048	0.028				0.9000
1.0000	-0.087	-0.028	0.060	-0.040	0.016	0.055	-0.042	-0.043	-0.001	-0.022	-0.098	-0.076	-0.111	-0.121		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued
(c) BVWC $\delta = 9.9°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.298 α = -03.81															
0.0000	0.188	0.323	0.135	-0.501	0.355	0.855	-0.582	0.314	0.896	-0.514	0.398	0.912	-0.506	0.317		0.0000
0.0125	-0.096	0.276	0.373	-0.481	0.295	0.776	-0.551	0.260	0.812	-0.504	0.293	0.797		0.251		0.0125
0.0250	-0.238	0.244	0.482	-0.460	0.252	0.712	-0.519	0.221	0.740	-0.497	0.221	0.718	-0.489	0.202	0.692	0.0250
0.0500	-0.090	0.224	0.314	-0.414	0.213	0.627	-0.451	0.185	0.636	-0.491	0.174	0.665	-0.477	0.157	0.634	0.0500
0.0750	-0.099	0.196	0.295	-0.407	0.182	0.589	-0.431	0.164	0.595	-0.468	0.146	0.614	-0.469			0.0750
0.1000	-0.096	0.181	0.277	-0.353	0.162	0.515	-0.423	0.145	0.568	-0.440	0.114	0.554	-0.459	0.102	0.562	0.1000
0.1500	-0.119	0.141	0.261	-0.182	0.117	0.299	-0.422	0.115	0.536	-0.418	0.115	0.533	-0.443	0.075	0.518	0.1500
0.2000	-0.126	0.133	0.259	-0.176	0.089	0.266	-0.397	0.086	0.483	-0.410	0.094	0.504	-0.423	0.061	0.485	0.2000
0.3000	-0.128	0.085	0.213	-0.165	0.068	0.233	-0.189	0.061	0.251	-0.404	0.075	0.480	-0.386	0.035	0.421	0.3000
0.4000	-0.134	0.069	0.203	-0.149	0.050	0.199	-0.157	0.039	0.196	-0.291	0.057	0.349	-0.363	0.022	0.385	0.4000
0.5000	-0.126	0.039	0.165	-0.147	0.033	0.179	-0.158	0.026	0.184	-0.173	0.0384	0.211	-0.354	0.012	0.366	0.5000
0.6000	-0.135	0.033	0.168	-0.147	0.019	0.166	-0.160			-0.164	0.025	0.190	-0.344	0.001	0.346	0.6000
0.6170								0.009								0.6170
0.7000	-0.147	0.045	0.192	-0.147	0.012	0.159	-0.161	0.001	0.162	-0.183	0.018	0.202	-0.227			0.7000
0.7100														-0.007		0.7100
0.8000		-0.010		-0.162	-0.002	0.160	-0.173	0.000	0.173	-0.197	0.019	0.216	-0.162			0.8000
0.8100														-0.030		0.8100
0.9000	-0.168	0.009	0.177	-0.197			-0.216	0.011	0.227	-0.196	0.005	0.201				0.9000
1.0000	-0.178	0.101	0.279	-0.251	-0.050	0.202	-0.290	0.033	0.323	-0.180	-0.025	0.155	-0.192	-0.117		1.0000
	M = 1.303 α = 00.10															
0.0000	0.033	0.264	0.232	-0.502	0.274	0.776	-0.573	0.234	0.806	-0.524	0.309	0.833	-0.527	0.253		0.0000
0.0125	-0.157	0.208	0.365	-0.483	0.223	0.706	-0.555	0.191	0.746	-0.517	0.219	0.736		0.190		0.0125
0.0250	-0.247	0.172	0.419	-0.465	0.183	0.648	-0.531	0.159	0.690	-0.511	0.157	0.668	-0.507	0.143	0.650	0.0250
0.0500	-0.133	0.156	0.289	-0.428	0.142	0.570	-0.465	0.126	0.591	-0.504	0.115	0.619	-0.494	0.098	0.593	0.0500
0.0750	-0.143	0.128	0.271	-0.435	0.115	0.550	-0.446	0.105	0.551	-0.482	0.088	0.569	-0.489			0.0750
0.1000	-0.140	0.116	0.256	-0.378	0.094	0.472	-0.440	0.086	0.526	-0.457	0.056	0.513	-0.478	0.041	0.519	0.1000
0.1500	-0.168	0.081	0.249	-0.218	0.062	0.281	-0.437	0.055	0.493	-0.438	0.053	0.491	-0.460	0.018	0.477	0.1500
0.2000	-0.172	0.076	0.248	-0.208	0.036	0.244	-0.411	0.032	0.444	-0.429	0.039	0.468	-0.439	0.007	0.446	0.2000
0.3000	-0.167	0.020	0.188	-0.201	0.014	0.214	-0.232	-0.007	0.225	-0.424	0.014	0.438	-0.406	-0.014	0.392	0.3000
0.4000	-0.179	0.011	0.190	-0.198	-0.006	0.192	-0.213	-0.024	0.190	-0.312	0.004	0.315	-0.386	-0.030	0.356	0.4000
0.5000	-0.174	-0.014	0.160	-0.192	-0.020	0.173	-0.204	-0.032	0.172	-0.203	-0.011	0.192	-0.377	-0.039	0.338	0.5000
0.6000	-0.177	-0.020	0.157	-0.191	-0.040	0.152	-0.202			-0.197	-0.022	0.175	-0.354	-0.047	0.306	0.6000
0.6170								-0.047								0.6170
0.7000	-0.192	-0.014	0.178	-0.195	-0.050	0.145	-0.202	-0.054	0.147	-0.217	-0.029	0.189	-0.228			0.7000
0.7100														-0.056		0.7100
0.8000		-0.061		-0.204	-0.048	0.156	-0.214	-0.047	0.167	-0.239	-0.028	0.211	-0.201			0.8000
0.8100														-0.078		0.8100
0.9000	-0.190	-0.032	0.158	-0.220			-0.253	-0.032	0.220	-0.235	-0.039	0.196				0.9000
1.0000	-0.173	0.072	0.245	-0.243	-0.008	0.235	-0.317	-0.009	0.307	-0.206	-0.063	0.143	-0.440	-0.153		1.0000
	M = 1.304 α = 03.96															
0.0000	-0.094	0.142	0.235	-0.511	0.199	0.710	-0.582	0.175	0.757	-0.543	0.240	0.783	-0.558	0.184		0.0000
0.0125	-0.191	0.104	0.295	-0.489	0.143	0.632	-0.562	0.133	0.695	-0.533	0.154	0.687		0.123		0.0125
0.0250	-0.236	0.079	0.316	-0.468	0.103	0.571	-0.539	0.101	0.639	-0.525	0.095	0.620	-0.535	0.079	0.614	0.0250
0.0500	-0.170	0.069	0.239	-0.428	0.072	0.500	-0.480	0.069	0.549	-0.518	0.057	0.575	-0.518	0.042	0.560	0.0500
0.0750	-0.182	0.048	0.229	-0.439	0.051	0.490	-0.460	0.048	0.508	-0.496	0.033	0.529	-0.507			0.0750
0.1000	-0.180	0.040	0.220	-0.394	0.029	0.423	-0.451	0.030	0.481	-0.473	0.007	0.480	-0.495	-0.006	0.489	0.1000
0.1500	-0.203	0.011	0.215	-0.268	-0.001	0.268	-0.446	0.001	0.447	-0.456	0.005	0.461	-0.474	-0.029	0.445	0.1500
0.2000	-0.211	0.003	0.214	-0.260	-0.028	0.233	-0.432	-0.027	0.405	-0.449	-0.012	0.437	-0.456	-0.040	0.416	0.2000
0.3000	-0.217	-0.053	0.164	-0.252	-0.054	0.198	-0.259	-0.059	0.200	-0.443	-0.036	0.406	-0.431	-0.060	0.372	0.3000
0.4000	-0.236	-0.061	0.175	-0.250	-0.074	0.176	-0.265	-0.076	0.189	-0.331	-0.048	0.284	-0.411	-0.069	0.343	0.4000
0.5000	-0.231	-0.084	0.147	-0.248	-0.082	0.166	-0.250	-0.085	0.164	-0.242	-0.056	0.186	-0.398	-0.080	0.318	0.5000
0.6000	-0.231	-0.085	0.145	-0.241	-0.099	0.142	-0.242			-0.238	-0.068	0.170	-0.343	-0.089	0.254	0.6000
0.6170								-0.097								0.6170
0.7000	-0.240	-0.085	0.155	-0.243	-0.112	0.131	-0.242	-0.106	0.135	-0.250	-0.074	0.175	-0.228			0.7000
0.7100														-0.093		0.7100
0.8000		-0.117		-0.249	-0.109	0.140	-0.251	-0.094	0.157	-0.268	-0.070	0.198	-0.222			0.8000
0.8100														-0.113		0.8100
0.9000	-0.195	-0.082	0.113	-0.235			-0.280	-0.074	0.206	-0.254	-0.080	0.173				0.9000
1.0000	-0.141	0.020	0.161	-0.201	-0.050	0.151	-0.328	-0.046	0.282	-0.205	-0.105	0.100	-0.538	-0.193		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.9°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 1.301 α = 08.01															
0.0000	-0.072	0.099	0.171	-0.548	0.160	0.708	-0.572	0.146	0.718	-0.546	0.193	0.738	-0.574	0.130		0.0000
0.0125	-0.203	0.047	0.250	-0.495	0.108	0.602	-0.564	0.100	0.664	-0.540	0.110	0.650		0.078		0.0125
0.0250	-0.272	0.014	0.286	-0.453	0.069	0.522	-0.550	0.066	0.616	-0.536	0.052	0.589	-0.542	0.040	0.582	0.0250
0.0500	-0.223	0.004	0.228	-0.403	0.033	0.437	-0.503	0.033	0.536	-0.532	0.013	0.545	-0.521	0.002	0.523	0.0500
0.0750	-0.186	-0.029	0.158	-0.408	0.001	0.409	-0.479	0.008	0.488	-0.519	-0.011	0.507	-0.511			0.0750
0.1000	-0.186	-0.036	0.150	-0.392	-0.028	0.364	-0.469	-0.012	0.456	-0.497	-0.039	0.457	-0.491	-0.043	0.448	0.1000
0.1500	-0.229	-0.064	0.165	-0.337	-0.057	0.281	-0.460	-0.049	0.410	-0.475	-0.042	0.433	-0.459	-0.064	0.395	0.1500
0.2000	-0.236	-0.076	0.160	-0.303	-0.076	0.227	-0.454	-0.079	0.375	-0.467	-0.059	0.408	-0.441	-0.075	0.367	0.2000
0.3000	-0.250	-0.117	0.132	-0.294	-0.111	0.183	-0.322	-0.110	0.212	-0.457	-0.077	0.380	-0.426	-0.096	0.330	0.3000
0.4000	-0.264	-0.115	0.149	-0.288	-0.130	0.158	-0.296	-0.119	0.176	-0.406	-0.087	0.319	-0.412	-0.109	0.303	0.4000
0.5000	-0.260	-0.146	0.114	-0.288	-0.139	0.149	-0.295	-0.130	0.164	-0.271	-0.104	0.167	-0.387	-0.121	0.266	0.5000
0.6000	-0.272	-0.157	0.115	-0.288	-0.146	0.141	-0.293			-0.226	-0.114	0.112	-0.334	-0.136	0.198	0.6000
0.6170								-0.142								0.6170
0.7000	-0.284	-0.140	0.143	-0.285	-0.153	0.133	-0.285	-0.147	0.138	-0.237	-0.119	0.118	-0.267			0.7000
0.7100														-0.139		0.7100
0.8000		-0.153		-0.288	-0.141	0.148	-0.238	-0.132	0.106	-0.265	-0.111	0.154	-0.271			0.8000
0.8100														-0.156		0.8100
0.9000	-0.228	-0.135	0.093	-0.242			-0.276	-0.107	0.169	-0.276	-0.107	0.169				0.9000
1.0000	-0.161	-0.087	0.074	-0.146	-0.060	0.086	-0.398	-0.071	0.328	-0.268	-0.106	0.162	-0.300	-0.222		1.0000
	M = 1.301 α = 12.06															
0.0000	-0.051	-0.254	-0.203	-0.282	-0.022	0.261	-0.574	0.156	0.730	-0.561	0.186	0.747	-0.514	0.121		0.0000
0.0125	-0.126	-0.227	-0.101	-0.250	-0.093	0.156	-0.564	0.088	0.652	-0.551	0.102	0.653		0.059		0.0125
0.0250	-0.164	-0.215	-0.051	-0.232	-0.138	0.094	-0.553	0.041	0.594	-0.544	0.044	0.588	-0.495	0.015	0.510	0.0250
0.0500	-0.132	-0.240	-0.108	-0.241	-0.146	0.095	-0.524	0.014	0.538	-0.538	0.004	0.542	-0.482	-0.020	0.462	0.0500
0.0750	-0.134	-0.252	-0.118	-0.295	-0.193	0.102	-0.511	-0.008	0.503	-0.529	-0.019	0.510	-0.477			0.0750
0.1000	-0.148	-0.253	-0.105	-0.316	-0.227	0.089	-0.497	-0.029	0.468	-0.518	-0.050	0.468	-0.469	-0.072	0.398	0.1000
0.1500	-0.192	-0.280	-0.088	-0.324	-0.282	0.042	-0.465	-0.066	0.399	-0.492	-0.056	0.436	-0.454	-0.097	0.357	0.1500
0.2000	-0.199	-0.294	-0.095	-0.312	-0.315	-0.003	-0.426	-0.100	0.326	-0.465	-0.074	0.390	-0.441	-0.110	0.331	0.2000
0.3000	-0.212	-0.288	-0.077	-0.309	-0.336	-0.027	-0.370	-0.148	0.222	-0.414	-0.100	0.314	-0.420	-0.135	0.285	0.3000
0.4000	-0.245	-0.321	-0.077	-0.318	-0.344	-0.026	-0.313	-0.169	0.144	-0.356	-0.116	0.239	-0.400	-0.149	0.251	0.4000
0.5000	-0.269	-0.283	-0.013	-0.334	-0.342	-0.008	-0.297	-0.185	0.113	-0.300	-0.131	0.169	-0.383	-0.158	0.225	0.5000
0.6000	-0.297	-0.214	0.083	-0.313	-0.305	0.008	-0.297			-0.296	-0.137	0.158	-0.372	-0.171	0.200	0.6000
0.6170								-0.180								0.6170
0.7000	-0.317	-0.185	0.132	-0.288	-0.235	0.053	-0.297	-0.175	0.122	-0.304	-0.146	0.158	-0.355			0.7000
0.7100														-0.177		0.7100
0.8000		-0.197		-0.290	-0.201	0.090	-0.305	-0.147	0.158	-0.318	-0.129	0.189	-0.324			0.8000
0.8100														-0.180		0.8100
0.9000	-0.223	-0.180	0.044	-0.297			-0.334	-0.031	0.303	-0.316	-0.051	0.265				0.9000
1.0000	-0.111	-0.134	-0.023	-0.309	-0.239	0.070	-0.385	0.173	0.558	-0.298	0.087	0.385	-0.215	-0.181		1.0000
	M = 1.300 α = 16.02															
0.0000	0.086	-0.400	-0.486	0.107	-0.428	-0.536	-0.446	-0.021	0.425	-0.513	0.207	0.721	-0.530	0.081		0.0000
0.0125	-0.085	-0.374	-0.289	0.032	-0.492	-0.524	-0.454	-0.116	0.338	-0.516	0.108	0.624		0.026		0.0125
0.0250	-0.183	-0.360	-0.177	-0.025	-0.528	-0.503	-0.456	-0.178	0.277	-0.518	0.040	0.557	-0.507	-0.015	0.492	0.0250
0.0500	-0.158	-0.368	-0.210	-0.085	-0.518	-0.433	-0.438	-0.200	0.238	-0.520	-0.004	0.516	-0.493	-0.053	0.440	0.0500
0.0750	-0.162	-0.375	-0.212	-0.160	-0.568	-0.408	-0.427	-0.217	0.211	-0.520	-0.032	0.488	-0.488			0.0750
0.1000	-0.173	-0.366	-0.193	-0.197	-0.598	-0.401	-0.416	-0.234	0.182	-0.514	-0.068	0.446	-0.480	-0.109	0.371	0.1000
0.1500	-0.212	-0.385	-0.174	-0.231	-0.632	-0.401	-0.393	-0.268	0.125	-0.490	-0.088	0.402	-0.466	-0.137	0.329	0.1500
0.2000	-0.209	-0.399	-0.191	-0.254	-0.648	-0.394	-0.368	-0.275	0.092	-0.469	-0.113	0.357	-0.455	-0.150	0.305	0.2000
0.3000	-0.198	-0.421	-0.223	-0.285	-0.587	-0.302	-0.351	-0.271	0.080	-0.436	-0.139	0.297	-0.438	-0.175	0.262	0.3000
0.4000	-0.209	-0.426	-0.217	-0.283	-0.433	-0.150	-0.346	-0.239	0.106	-0.391	-0.151	0.240	-0.421	-0.190	0.231	0.4000
0.5000	-0.236	-0.470	-0.234	-0.302	-0.392	-0.090	-0.341	-0.222	0.119	-0.349	-0.168	0.181	-0.405	-0.201	0.204	0.5000
0.6000	-0.262	-0.335	-0.073	-0.313	-0.414	-0.102	-0.341			-0.342	-0.182	0.160	-0.384	-0.205	0.178	0.6000
0.6170								-0.217								0.6170
0.7000	-0.274	-0.289	-0.016	-0.324	-0.421	-0.098	-0.341	-0.192	0.149	-0.349	-0.176	0.173	-0.366			0.7000
0.7100														-0.155		0.7100
0.8000		-0.277		-0.333	-0.127	0.206	-0.349	0.016	0.365	-0.361	-0.028	0.332	-0.342			0.8000
0.8100														0.020		0.8100
0.9000	-0.264	-0.100	0.164	-0.326			-0.360	0.039	0.400	-0.348	0.104	0.452				0.9000
1.0000	-0.242	0.240	0.482	-0.302	1.368	1.670	-0.374	-0.120	0.253	-0.310	0.223	0.533	-0.271	0.688		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.9°$ - Continued

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	C_{p_L}	C_{p_R}	ΔC_p	
	M = 2.232 α = -03.70															
0.0000	0.899	0.247	-0.652	-0.057	0.322	0.379	-0.049	0.295	0.344	0.024	0.329	0.305	0.012	0.302		0.0000
0.0125	0.280	0.215	-0.066	-0.066	0.274	0.340	-0.049	0.261	0.311	-0.004	0.279	0.282		0.275		0.0125
0.0250	-0.090	0.189	0.279	-0.065	0.241	0.306	-0.052	0.236	0.288	-0.023	0.244	0.267	-0.009	0.253	0.261	0.0250
0.0500	-0.087	0.158	0.245	-0.030	0.217	0.247	-0.063	0.211	0.274	-0.038	0.217	0.255	-0.021	0.219	0.241	0.0500
0.0750	-0.080	0.137	0.218	-0.090	0.179	0.269	-0.075	0.195	0.270	-0.052	0.197	0.249	-0.025			0.0750
0.1000	-0.066	0.135	0.201	-0.097	0.162	0.259	-0.083	0.177	0.260	-0.063	0.174	0.237	-0.030	0.172	0.202	0.1000
0.1500	-0.059	0.118	0.176	-0.106	0.133	0.239	-0.090	0.149	0.239	-0.073	0.156	0.229	-0.040	0.144	0.184	0.1500
0.2000	-0.055	0.104	0.160	-0.106	0.111	0.217	-0.094	0.129	0.224	-0.078	0.137	0.215	-0.046	0.131	0.178	0.2000
0.3000	-0.055	0.089	0.144	-0.097	0.087	0.185	-0.102	0.093	0.195	-0.083	0.109	0.192	-0.061	0.107	0.168	0.3000
0.4000	-0.058	0.081	0.138	-0.095	0.070	0.165	-0.110	0.073	0.183	-0.091	0.096	0.187	-0.071	0.092	0.163	0.4000
0.5000	-0.056	0.076	0.131	-0.095	0.060	0.155	-0.113	0.057	0.170	-0.096	0.078	0.174	-0.079	0.082	0.161	0.5000
0.6000	-0.053	0.054	0.107	-0.089	0.051	0.140	-0.112			-0.102	0.067	0.169	-0.086	0.069	0.155	0.6000
0.6170								0.048								0.6170
0.7000	-0.055	0.060	0.115	-0.078	0.041	0.118	-0.110	0.044	0.154	-0.108	0.060	0.168	-0.093			0.7000
0.7100														0.064		0.7100
0.8000		0.033		-0.068	0.036	0.104	-0.109	0.044	0.153	-0.115	0.058	0.173	-0.100			0.8000
0.8100														0.053		0.8100
0.9000	-0.066	0.020	0.085	-0.073			-0.112	0.047	0.159	-0.117	0.051	0.168				0.9000
1.0000	-0.074	0.020	0.094	-0.091	0.042	0.133	-0.120	0.053	0.172	-0.115	0.037	0.152	-0.118	0.015		1.0000
	M = 2.236 α = 00.40															
0.0000	0.914	0.138	-0.777	-0.069	0.256	0.325	-0.065	0.225	0.290	-0.006	0.254	0.260	-0.024	0.241		0.0000
0.0125	0.291	0.122	-0.169	-0.080	0.209	0.289	-0.065	0.195	0.260	-0.029	0.213	0.242		0.214		0.0125
0.0250	-0.083	0.108	0.191	-0.079	0.176	0.256	-0.067	0.173	0.240	-0.045	0.183	0.228	-0.038	0.192	0.230	0.0250
0.0500	-0.082	0.084	0.166	-0.039	0.159	0.197	-0.078	0.154	0.231	-0.060	0.159	0.219	-0.047	0.160	0.207	0.0500
0.0750	-0.066	0.076	0.142	-0.103	0.123	0.226	-0.091	0.138	0.228	-0.071	0.143	0.214	-0.051			0.0750
0.1000	-0.057	0.074	0.131	-0.109	0.107	0.216	-0.095	0.123	0.218	-0.081	0.120	0.201	-0.053	0.122	0.175	0.1000
0.1500	-0.066	0.062	0.128	-0.119	0.080	0.199	-0.104	0.100	0.204	-0.089	0.135	0.224	-0.062	0.098	0.159	0.1500
0.2000	-0.068	0.046	0.114	-0.116	0.062	0.177	-0.106	0.079	0.186	-0.094	0.116	0.210	-0.069	0.085	0.155	0.2000
0.3000	-0.072	0.037	0.109	-0.109	0.039	0.148	-0.113	0.049	0.162	-0.100	0.093	0.193	-0.079	0.063	0.142	0.3000
0.4000	-0.077	0.031	0.109	-0.109	0.026	0.135	-0.120	0.030	0.151	-0.105	0.083	0.188	-0.088	0.051	0.139	0.4000
0.5000	-0.077	0.032	0.109	-0.109	0.015	0.124	-0.123	0.017	0.141	-0.110	0.066	0.176	-0.097	0.042	0.139	0.5000
0.6000	-0.081	0.013	0.093	-0.105	0.009	0.114	-0.123			-0.117	0.057	0.174	-0.105	0.031	0.135	0.6000
0.6170								0.007								0.6170
0.7000	-0.082	0.022	0.104	-0.100	0.001	0.101	-0.123	0.005	0.127	-0.123	0.049	0.172	-0.111			0.7000
0.7100														0.027		0.7100
0.8000		-0.008		-0.095	-0.002	0.094	-0.122	0.005	0.127	-0.131	0.049	0.179	-0.118			0.8000
0.8100														0.017		0.8100
0.9000	-0.096	-0.020	0.076	-0.104			-0.127	0.009	0.135	-0.132	0.042	0.174				0.9000
1.0000	-0.108	-0.014	0.094	-0.125	0.010	0.135	-0.137	0.017	0.153	-0.126	0.029	0.155	-0.138	-0.017		1.0000
	M = 2.232 α = 04.31															
0.0000	0.794	0.046	-0.748	-0.073	0.199	0.271	-0.079	0.178	0.257	-0.030	0.208	0.238	-0.049	0.191		0.0000
0.0125	0.251	0.043	-0.208	-0.085	0.158	0.244	-0.080	0.151	0.231	-0.054	0.167	0.221		0.165		0.0125
0.0250	-0.075	0.037	0.113	-0.085	0.131	0.216	-0.083	0.131	0.214	-0.071	0.138	0.209	-0.064	0.145	0.209	0.0250
0.0500	-0.074	0.022	0.096	-0.046	0.113	0.159	-0.095	0.112	0.207	-0.082	0.117	0.199	-0.074	0.120	0.194	0.0500
0.0750	-0.071	0.019	0.090	-0.114	0.085	0.199	-0.106	0.098	0.204	-0.094	0.101	0.195	-0.078			0.0750
0.1000	-0.069	0.020	0.089	-0.120	0.068	0.188	-0.114	0.082	0.196	-0.101	0.082	0.183	-0.080	0.083	0.163	0.1000
0.1500	-0.080	0.013	0.093	-0.131	0.047	0.178	-0.122	0.062	0.184	-0.111	0.121	0.232	-0.088	0.060	0.148	0.1500
0.2000	-0.085	-0.001	0.084	-0.128	0.027	0.156	-0.124	0.045	0.169	-0.113	0.103	0.216	-0.093	0.051	0.144	0.2000
0.3000	-0.091	-0.003	0.088	-0.124	0.003	0.127	-0.131	0.015	0.146	-0.118	0.082	0.200	-0.104	0.032	0.136	0.3000
0.4000	-0.098	-0.002	0.096	-0.124	-0.008	0.116	-0.135	-0.001	0.134	-0.125	0.073	0.198	-0.111	0.019	0.130	0.4000
0.5000	-0.101	-0.011	0.090	-0.125	-0.018	0.107	-0.137	-0.014	0.124	-0.129	0.056	0.185	-0.118	0.011	0.128	0.5000
0.6000	-0.103	-0.025	0.078	-0.124	-0.026	0.098	-0.137			-0.133	0.049	0.182	-0.124	0.001	0.124	0.6000
0.6170								-0.022								0.6170
0.7000	-0.103	-0.013	0.091	-0.119	-0.030	0.088	-0.136	-0.028	0.109	-0.138	0.042	0.179	-0.127			0.7000
0.7100														-0.003		0.7100
0.8000		-0.040		-0.116	-0.034	0.082	-0.136	-0.026	0.110	-0.144	0.038	0.182	-0.133			0.8000
0.8100														-0.011		0.8100
0.9000	-0.118	-0.053	0.065	-0.122			-0.142	-0.022	0.119	-0.145	0.033	0.178				0.9000
1.0000	-0.132	-0.049	0.082	-0.138	-0.039	0.099	-0.152	-0.015	0.137	-0.141	0.028	0.169	-0.151	-0.040		1.0000

TABLE VII.- PRESSURE COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR $(x/c)_V$ OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Concluded

(c) BVWC $\delta = 9.9°$ - Concluded

x/c	y/b=0.250			y/b=0.400			y/b=0.550			y/b=0.700			y/b=0.850			x/c
	Cp_L	Cp_R	ΔCp	Cp_L	Cp_R	ΔCp	Cp_L	Cp_R	ΔCp	Cp_L	Cp_R	ΔCp	Cp_L	Cp_R	ΔCp	
							M = 2.232		α = 08.31							
0.0000	0.321	-0.030	-0.351	-0.081	0.147	0.228	-0.111	0.154	0.266	-0.077	0.178	0.255	-0.089	0.164		0.0000
0.0125	0.062	-0.032	-0.094	-0.101	0.102	0.203	-0.113	0.127	0.239	-0.093	0.141	0.234		0.136		0.0125
0.0250	-0.094	-0.035	0.059	-0.104	0.072	0.176	-0.115	0.106	0.221	-0.105	0.114	0.219	-0.101	0.114	0.215	0.0250
0.0500	-0.096	-0.044	0.051	-0.060	0.056	0.116	-0.125	0.084	0.209	-0.115	0.091	0.205	-0.108	0.090	0.198	0.0500
0.0750	-0.096	-0.047	0.049	-0.132	0.029	0.161	-0.135	0.068	0.203	-0.124	0.075	0.199	-0.111			0.0750
0.1000	-0.097	-0.047	0.050	-0.137	0.014	0.152	-0.141	0.054	0.196	-0.131	0.057	0.187	-0.112	0.055	0.167	0.1000
0.1500	-0.110	-0.056	0.053	-0.149	-0.004	0.145	-0.148	0.033	0.181	-0.138	0.098	0.236	-0.118	0.034	0.152	0.1500
0.2000	-0.114	-0.065	0.049	-0.152	-0.021	0.131	-0.151	0.018	0.169	-0.141	0.084	0.225	-0.122	0.024	0.147	0.2000
0.3000	-0.121	-0.070	0.051	-0.152	-0.039	0.113	-0.155	-0.011	0.143	-0.145	0.062	0.207	-0.130	0.006	0.136	0.3000
0.4000	-0.125	-0.058	0.067	-0.150	-0.048	0.102	-0.158	-0.028	0.130	-0.149	0.055	0.204	-0.135	-0.007	0.128	0.4000
0.5000	-0.128	-0.067	0.061	-0.150	-0.054	0.096	-0.159	-0.040	0.118	-0.151	0.038	0.189	-0.140	-0.015	0.125	0.5000
0.6000	-0.130	-0.074	0.055	-0.146	-0.060	0.085	-0.159			-0.153	0.028	0.181	-0.144	-0.025	0.119	0.6000
0.6170								-0.046								0.6170
0.7000	-0.129	-0.061	0.068	-0.141	-0.069	0.073	-0.157	-0.050	0.108	-0.157	0.023	0.180	-0.147			0.7000
0.7100														-0.030		0.7100
0.8000		-0.082		-0.140	-0.073	0.067	-0.157	-0.054	0.104	-0.161	0.020	0.181	-0.152			0.8000
0.8100														-0.038		0.8100
0.9000	-0.141	-0.095	0.046	-0.146			-0.162	-0.054	0.108	-0.159	0.016	0.175				0.9000
1.0000	-0.154	-0.100	0.054	-0.159	-0.070	0.089	-0.172	-0.051	0.121	-0.153	0.009	0.161	-0.164	-0.064		1.0000
							M = 2.226		α = 12.31							
0.0000	0.370	-0.114	-0.485	-0.008	0.021	0.029	-0.140	0.148	0.288	-0.126	0.187	0.313	-0.127	0.164		0.0000
0.0125	0.084	-0.112	-0.197	-0.040	-0.034	0.006	-0.143	0.118	0.261	-0.139	0.146	0.285		0.134		0.0125
0.0250	-0.090	-0.111	-0.022	-0.055	-0.065	-0.011	-0.146	0.097	0.243	-0.149	0.116	0.264	-0.136	0.111	0.247	0.0250
0.0500	-0.100	-0.112	-0.012	-0.031	-0.058	-0.027	-0.154	0.082	0.235	-0.155	0.087	0.242	-0.142	0.086	0.228	0.0500
0.0750	-0.099	-0.113	-0.014	-0.102	-0.097	0.005	-0.160	0.066	0.227	-0.159	0.067	0.227	-0.143			0.0750
0.1000	-0.101	-0.113	-0.013	-0.114	-0.110	0.004	-0.163	0.048	0.210	-0.164	0.046	0.211	-0.143	0.049	0.192	0.1000
0.1500	-0.115	-0.123	-0.007	-0.133	-0.121	0.011	-0.165	0.013	0.178	-0.169	0.084	0.253	-0.147	0.026	0.173	0.1500
0.2000	-0.119	-0.128	-0.009	-0.147	-0.137	0.010	-0.165	-0.015	0.149	-0.170	0.066	0.235	-0.150	0.013	0.163	0.2000
0.3000	-0.126	-0.130	-0.004	-0.150	-0.164	-0.015	-0.165	-0.054	0.110	-0.172	0.041	0.212	-0.155	-0.008	0.146	0.3000
0.4000	-0.129	-0.112	0.017	-0.155	-0.172	-0.017	-0.166	-0.071	0.095	-0.173	0.032	0.204	-0.159	-0.023	0.136	0.4000
0.5000	-0.132	-0.133	-0.002	-0.160	-0.163	-0.003	-0.166	-0.082	0.084	-0.173	0.013	0.186	-0.163	-0.031	0.132	0.5000
0.6000	-0.135	-0.133	0.001	-0.159	-0.155	0.004	-0.166			-0.174	0.005	0.179	-0.166	-0.042	0.123	0.6000
0.6170								-0.089								0.6170
0.7000	-0.139	-0.122	0.017	-0.159	-0.144	0.015	-0.166	-0.093	0.074	-0.174	-0.004	0.170	-0.168			0.7000
0.7100														-0.049		0.7100
0.8000		-0.122		-0.159	-0.132	0.027	-0.166	-0.090	0.076	-0.176	-0.008	0.168	-0.171			0.8000
0.8100														-0.057		0.8100
0.9000	-0.153	-0.115	0.039	-0.164			-0.171	-0.082	0.088	-0.174	-0.015	0.159				0.9000
1.0000	-0.164	-0.100	0.064	-0.175	-0.101	0.074	-0.181	-0.069	0.111	-0.171	-0.027	0.144	-0.182	-0.081		1.0000
							M = 2.233		α = 16.32							
0.0000	0.418	-0.153	-0.571	-0.004	-0.121	-0.118	-0.179	0.065	0.244	-0.140	0.049	0.189	-0.163	0.066		0.0000
0.0125	0.101	-0.151	-0.252	-0.040	-0.149	-0.109	-0.181	0.027	0.208	-0.150	0.026	0.176		0.041		0.0125
0.0250	-0.089	-0.149	-0.060	-0.058	-0.161	-0.104	-0.182	0.001	0.183	-0.158	0.008	0.166	-0.168	0.023	0.191	0.0250
0.0500	-0.090	-0.149	-0.059	-0.034	-0.140	-0.106	-0.184	-0.018	0.166	-0.164	-0.012	0.152	-0.170	0.009	0.179	0.0500
0.0750	-0.100	-0.149	-0.048	-0.104	-0.171	-0.066	-0.185	-0.031	0.154	-0.169	-0.021	0.148	-0.169			0.0750
0.1000	-0.103	-0.146	-0.043	-0.118	-0.175	-0.057	-0.186	-0.043	0.143	-0.173	-0.035	0.138	-0.169	-0.014	0.155	0.1000
0.1500	-0.120	-0.152	-0.032	-0.135	-0.172	-0.037	-0.186	-0.061	0.125	-0.177	0.016	0.193	-0.169	-0.027	0.142	0.1500
0.2000	-0.125	-0.153	-0.029	-0.142	-0.177	-0.034	-0.185	-0.073	0.112	-0.178	0.005	0.183	-0.169	-0.034	0.135	0.2000
0.3000	-0.134	-0.153	-0.020	-0.156	-0.169	-0.013	-0.182	-0.090	0.092	-0.181	-0.011	0.170	-0.170	-0.049	0.121	0.3000
0.4000	-0.137	-0.133	0.004	-0.162	-0.161	0.001	-0.180	-0.099	0.081	-0.183	-0.009	0.174	-0.172	-0.058	0.115	0.4000
0.5000	-0.140	-0.161	-0.021	-0.168	-0.156	0.012	-0.177	-0.106	0.070	-0.183	-0.025	0.158	-0.175	-0.062	0.113	0.5000
0.6000	-0.143	-0.160	-0.017	-0.171	-0.153	0.018	-0.176			-0.183	-0.031	0.153	-0.178	-0.070	0.108	0.6000
0.6170								-0.111								0.6170
0.7000	-0.147	-0.147	0.000	-0.173	-0.151	0.022	-0.176	-0.114	0.061	-0.183	-0.034	0.149	-0.179			0.7000
0.7100														-0.072		0.7100
0.8000		-0.155		-0.174	-0.145	0.029	-0.176	-0.115	0.061	-0.183	-0.034	0.150	-0.183			0.8000
0.8100														-0.078		0.8100
0.9000	-0.169	-0.152	0.017	-0.181			-0.182	-0.112	0.070	-0.182	-0.038	0.144				0.9000
1.0000	-0.187	-0.138	0.049	-0.192	-0.125	0.067	-0.194	-0.105	0.088	-0.179	-0.047	0.132	-0.202	-0.098		1.0000

TABLE VIII.- SECTION COEFFICIENTS FOR THE BODY WITH THE MODEL AT 0° SIDESLIP. VALUES FOR x/l OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION

(a) BVW

x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}
M = 0.701 α = -04.38			M = 0.698 α = 07.66			M = 0.906 α = 03.69			M = 1.045 α = 03.88			M = 1.299 α = -00.05			M = 1.301 α = 11.89			M = 1.701 α = 03.73			M = 2.230 α = 00.30			M = 2.231 α = 12.09		
0.0000	-0.032	-0.005	0.0000	0.075	-0.008	0.0000	0.038	-0.010	0.0000	0.036	-0.014	0.0000	-0.015	0.002	0.0000	0.095	-0.020	0.0000	0.031	-0.036	0.0000	-0.008	-0.049	0.0000	0.087	-0.036
0.0500	-0.025	0.001	0.0500	0.055	-0.001	0.0500	0.027	0.000	0.0500	0.028	-0.000	0.0500	-0.001	0.003	0.0500	0.077	-0.002	0.0500	0.030	-0.003	0.0500	0.003	-0.001	0.0500	0.082	-0.002
0.1000	-0.020	0.002	0.1000	0.042	0.001	0.1000	0.021	0.002	0.1000	0.022	0.003	0.1000	0.003	0.002	0.1000	0.064	0.002	0.1000	0.024	0.008	0.1000	0.005	0.012	0.1000	0.071	0.007
0.1353	-0.017	-0.000	0.1353	0.039	-0.002	0.1353	0.020	-0.001	0.1353	0.019	-0.001	0.1353	0.001	-0.000	0.1353	0.058	-0.002	0.1353	0.017	0.000	0.1353	0.003	-0.000	0.1353	0.060	-0.003
0.2090	-0.015	0.000	0.2090	0.030	-0.000	0.2090	0.015	0.000	0.2090	0.012	0.000	0.2090	0.001	-0.001	0.2090	0.044	-0.002	0.2090	0.012	0.001	0.2090	0.001	0.000	0.2090	0.049	-0.002
0.2500	-0.013	-0.000	0.2500	0.027	-0.001	0.2500	0.013	-0.001	0.2500	0.010	-0.001	0.2500	-0.000	0.000	0.2500	0.040	-0.002	0.2500	0.013	-0.002	0.2500	0.001	0.001	0.2500	0.046	-0.002
0.3000	-0.012	0.000	0.3000	0.025	-0.000	0.3000	0.011	0.000	0.3000	0.009	0.002	0.3000	-0.000	0.002	0.3000	0.035	-0.001	0.3000	0.011	-0.001	0.3000	0.001	0.000	0.3000	0.043	-0.002
0.3500	-0.011	0.000	0.3500	0.025	-0.000	0.3500	0.010	0.000	0.3500	0.016	-0.001	0.3500	0.002	0.000	0.3500	0.030	-0.002	0.3500	0.010	-0.000	0.3500	-0.001	0.000	0.3500	0.040	-0.001
0.4000	-0.014	-0.000	0.4000	0.032	-0.001	0.4000	0.010	-0.000	0.4000	0.014	-0.001	0.4000	0.001	-0.001	0.4000	0.028	-0.001	0.4000	0.002	-0.001	0.4000	0.000	-0.001	0.4000	0.036	-0.001
0.4500	-0.034	0.003	0.4500	0.080	-0.005	0.4500	0.036	-0.001	0.4500	0.027	0.000	0.4500	-0.001	0.003	0.4500	0.043	-0.001	0.4500	0.008	0.001	0.4500	0.004	0.001	0.4500	0.036	-0.002
0.5000	-0.043	0.001	0.5000	0.105	-0.005	0.5000	0.048	-0.003	0.5000	0.046	-0.002	0.5000	0.001	-0.000	0.5000	0.084	-0.001	0.5000	0.015	-0.003	0.5000	0.005	0.000	0.5000	0.048	-0.004
0.5950	-0.045	0.002	0.5950	0.106	-0.003	0.5950	0.054	-0.000	0.5950	0.045	-0.000	0.5950	0.005	-0.001	0.5950	0.132	-0.002	0.5950	0.030	-0.002	0.5950	0.006	0.001	0.5950	0.067	-0.001
0.7050	-0.040	0.001	0.7050	0.082	-0.001	0.7050	0.051	-0.001	0.7050	0.047	-0.001	0.7050	-0.001	0.002	0.7050	0.135	0.000	0.7050	0.033	-0.001	0.7050	0.002	0.000	0.7050	0.074	-0.002
0.8000	-0.022	0.002	0.8000	0.060	0.001	0.8000	0.037	0.001	0.8000	0.039	0.004	0.8000	-0.005	0.003	0.8000	0.141	0.001	0.8000	0.028	-0.002	0.8000	0.002	-0.001	0.8000	0.083	-0.002
0.9000	0.002	-0.002	0.9000	0.023	-0.000	0.9000	0.013	-0.001	0.9000	0.059	-0.003	0.9000	0.011	-0.001	0.9000	0.130	-0.001	0.9000	0.033	0.000	0.9000	0.004	0.001	0.9000	0.078	-0.001
0.9500	0.000	-0.003	0.9500	0.008	-0.002	0.9500	0.003	-0.002	0.9500	0.019	-0.013	0.9500	0.007	-0.001	0.9500	0.065	-0.002	0.9500	0.025	0.001	0.9500	0.006	-0.000	0.9500	0.060	-0.001
0.9900	-0.007	-0.002	0.9900	0.001	-0.001	0.9900	-0.000	-0.001	0.9900	-0.006	-0.006	0.9900	-0.005	-0.005	0.9900	0.004	-0.006	0.9900	0.009	-0.000	0.9900	0.004	-0.000	0.9900	0.041	-0.001
1.0000	-0.009	-0.002	1.0000	-0.000	-0.000	1.0000	-0.001	-0.001	1.0000	-0.012	-0.002	1.0000	-0.010	-0.007	1.0000	-0.012	-0.007	1.0000	0.004	-0.001	1.0000	0.003	-0.000	1.0000	0.035	-0.002
M = 0.702 α = -00.35			M = 0.699 α = 11.79			M = 0.952 α = 03.78			M = 1.094 α = 03.88			M = 1.302 α = 03.88			M = 1.300 α = 15.91			M = 1.906 α = 03.93			M = 2.231 α = 04.08			M = 2.239 α = 16.31		
0.0000	0.004	-0.007	0.0000	0.115	-0.011	0.0000	0.040	-0.010	0.0000	0.037	-0.010	0.0000	0.036	-0.013	0.0000	0.104	-0.016	0.0000	0.027	-0.022	0.0000	0.017	-0.053	0.0000	0.123	-0.036
0.0500	0.000	0.001	0.0500	0.082	-0.003	0.0500	0.028	0.000	0.0500	0.027	0.000	0.0500	0.025	0.001	0.0500	0.110	-0.003	0.0500	0.028	0.000	0.0500	0.025	-0.002	0.0500	0.117	-0.003
0.1000	-0.000	0.003	0.1000	0.063	-0.001	0.1000	0.022	0.002	0.1000	0.021	0.003	0.1000	0.020	0.004	0.1000	0.099	0.000	0.1000	0.023	0.006	0.1000	0.024	0.012	0.1000	0.104	0.005
0.1353	0.001	-0.000	0.1353	0.057	-0.003	0.1353	0.021	-0.001	0.1353	0.018	-0.001	0.1353	0.021	-0.001	0.1353	0.079	-0.003	0.1353	0.017	0.001	0.1353	0.016	-0.001	0.1353	0.091	-0.003
0.2090	-0.001	0.001	0.2090	0.045	-0.001	0.2090	0.016	0.000	0.2090	0.013	0.000	0.2090	0.014	0.000	0.2090	0.064	-0.002	0.2090	0.015	-0.000	0.2090	0.015	0.000	0.2090	0.081	-0.003
0.2500	-0.000	-0.000	0.2500	0.041	-0.002	0.2500	0.013	-0.001	0.2500	0.013	-0.001	0.2500	0.012	0.000	0.2500	0.059	-0.004	0.2500	0.012	0.000	0.2500	0.012	-0.000	0.2500	0.074	-0.004
0.3000	-0.000	0.001	0.3000	0.038	-0.001	0.3000	0.012	0.001	0.3000	0.012	0.001	0.3000	0.013	0.000	0.3000	0.052	-0.002	0.3000	0.011	0.000	0.3000	0.012	0.000	0.3000	0.072	-0.001
0.3500	0.000	0.000	0.3500	0.038	-0.001	0.3500	0.010	0.000	0.3500	0.010	0.002	0.3500	0.008	-0.001	0.3500	0.048	-0.001	0.3500	0.012	-0.000	0.3500	0.009	0.001	0.3500	0.069	-0.001
0.4000	-0.000	0.000	0.4000	0.050	-0.001	0.4000	0.007	-0.000	0.4000	0.004	0.000	0.4000	0.008	-0.002	0.4000	0.042	-0.001	0.4000	0.009	0.001	0.4000	0.009	-0.000	0.4000	0.063	-0.002
0.4500	0.001	0.001	0.4500	0.130	-0.009	0.4500	0.034	-0.001	0.4500	0.009	0.002	0.4500	0.013	0.001	0.4500	0.058	-0.004	0.4500	0.013	0.002	0.4500	0.011	0.000	0.4500	0.064	-0.001
0.5000	0.001	-0.001	0.5000	0.171	-0.008	0.5000	0.048	-0.003	0.5000	0.049	-0.004	0.5000	0.029	-0.002	0.5000	0.107	-0.007	0.5000	0.018	-0.003	0.5000	0.016	-0.001	0.5000	0.079	-0.002
0.5950	0.000	0.000	0.5950	0.172	-0.004	0.5950	0.054	-0.001	0.5950	0.052	-0.001	0.5950	0.042	-0.002	0.5950	0.181	-0.004	0.5950	0.028	-0.002	0.5950	0.024	0.000	0.5950	0.097	-0.003
0.7050	-0.004	-0.000	0.7050	0.136	-0.002	0.7050	0.054	-0.001	0.7050	0.052	-0.002	0.7050	0.038	0.002	0.7050	0.194	-0.003	0.7050	0.027	-0.001	0.7050	0.025	-0.000	0.7050	0.110	-0.002
0.8000	0.001	0.001	0.8000	0.106	0.001	0.8000	0.044	0.003	0.8000	0.036	0.003	0.8000	0.035	0.002	0.8000	0.199	-0.002	0.8000	0.027	-0.001	0.8000	0.025	-0.002	0.8000	0.124	-0.002
0.9000	0.007	-0.001	0.9000	0.032	-0.000	0.9000	0.019	-0.002	0.9000	0.046	-0.000	0.9000	0.047	-0.001	0.9000	0.180	-0.004	0.9000	0.029	0.000	0.9000	0.026	0.000	0.9000	0.112	-0.003
0.9500	0.002	-0.002	0.9500	0.012	-0.002	0.9500	-0.002	-0.002	0.9500	0.013	-0.003	0.9500	0.024	-0.001	0.9500	0.089	0.000	0.9500	0.022	0.001	0.9500	0.022	-0.000	0.9500	0.085	-0.002
0.9900	-0.004	-0.000	0.9900	0.002	-0.001	0.9900	-0.001	-0.001	0.9900	-0.003	-0.001	0.9900	-0.012	-0.003	0.9900	0.010	-0.004	0.9900	0.010	-0.000	0.9900	0.013	-0.000	0.9900	0.057	-0.002
1.0000	-0.005	-0.001	1.0000	0.001	-0.001	1.0000	0.002	-0.001	1.0000	-0.006	0.000	1.0000	-0.023	-0.004	1.0000	-0.011	-0.006	1.0000	0.007	-0.001	1.0000	0.010	-0.000	1.0000	0.049	-0.002
M = 0.702 α = 03.83			M = 0.698 α = 15.76			M = 1.005 α = 03.88			M = 1.299 α = -04.13			M = 1.298 α = 07.81			M = 1.502 α = 03.78			M = 2.227 α = -03.78			M = 2.238 α = 08.26					
0.0000	0.041	-0.008	0.0000	0.169	-0.015	0.0000	0.039	-0.012	0.0000	-0.023	-0.009	0.0000	0.065	-0.015	0.0000	0.018	-0.023	0.0000	-0.050	-0.051	0.0000	0.066	-0.049			
0.0500	0.029	-0.000	0.0500	0.112	-0.004	0.0500	0.027	-0.000	0.0500	-0.023	0.002	0.0500	0.050	0.000	0.0500	0.024	-0.000	0.0500	-0.021	-0.001	0.0500	0.055	-0.002			
0.1000	0.022	0.002	0.1000	0.081	-0.001	0.1000	0.021	0.002	0.1000	-0.021	0.004	0.1000	0.041	0.003	0.1000	0.018	0.005	0.1000	-0.011	0.012	0.1000	0.045	0.011			
0.1353	0.021	-0.001	0.1353	0.073	-0.005	0.1353	0.021	-0.002	0.1353	-0.017	-0.001	0.1353	0.038	-0.003	0.1353	0.019	-0.001	0.1353	-0.014	-0.000	0.1353	0.037	-0.001			
0.2090	0.015	0.000	0.2090	0.060	-0.003	0.2090	0.016	0.000	0.2090	-0.012	-0.000	0.2090	0.028	0.000	0.2090	0.014	-0.000	0.2090	-0.012	-0.000	0.2090	0.029	-0.001			
0.2500	0.014	-0.000	0.2500	0.054	-0.004	0.2500	0.014	-0.001	0.2500	-0.014	0.001	0.2500	0.029	-0.001	0.2500	0.010	-0.001	0.2500	-0.011	-0.000	0.2500	0.028	-0.001			
0.3000	0.013	0.000	0.3000	0.052	-0.002	0.3000	0.011	0.001	0.3000	-0.012	0.000	0.3000	0.022	-0.001	0.3000	0.009	0.000	0.3000	-0.010	0.001	0.3000	0.025	-0.000			
0.3500	0.013	-0.000	0.3500	0.054	-0.002	0.3500	0.010	-0.000	0.3500	-0.005	-0.000	0.3500	0.017	-0.001	0.3500	0.011	-0.001	0.3500	-0.010	-0.000	0.3500	0.023	0.000			
0.4000	0.016	0.000	0.4000	0.071	-0.002	0.4000	0.007	-0.001	0.4000	-0.007	-0.002	0.4000	0.017	-0.002	0.4000	0.010	0.000	0.4000	-0.007	-0.001	0.4000	0.020	-0.000			
0.4500	0.039	-0.002	0.4500	0.185	-0.011	0.4500	0.028	-0.001	0.4500	-0.011	0.005	0.4500	0.026	-0.000	0.4500	0.013	0.001	0.4500	-0.003	0.002	0.4500	0.021	-0.002			
0.5000	0.050	-0.003	0.5000	0.242	-0.012	0.5000	0.046	-0.002	0.5000	-0.026	0.002	0.5000	0.057	-0.005	0.5000	0.025	-0.000	0.5000	-0.005	0.001	0.5000	0.031	-0.003			
0.5950	0.050	-0.001	0.5950	0.244	-0.007	0.5950	0.050	-0.001	0.5950	-0.035	0.000	0.5950	0.085	-0.003	0.5950	0.032	-0.003	0.5950	-0.012	0.001	0.5950	0.046	-0.000			
0.7050	0.038	-0.001	0.7050	0.206	-0.002	0.7050	0.050	-0.001	0.7050	-0.042	0.004	0.7050	0.083	0.001	0.7050	0.035	0.001	0.7050	-0.018	0.000	0.7050	0.049	-0.001			
0.8000	0.028	0.001	0.8000	0.149	0.001	0.8000	0.047	0.003	0.8000	-0.046	0.004	0.8000	0.082	0.001	0.8000	0.032	0.001	0.8000	-0.018	-0.001	0.8000	0.053	-0.002			
0.9000	0.013	-0.001	0.9000	0.045	0.000	0.9000	0.051	-0.005	0.9000	-0.026	-0.000	0.9000	0.084	-0.001	0.9000	0.039	-0.001	0.9000	-0.015	0.002	0.9000	0.050	-0.000			
0.9500	0.004	-0.002	0.9500	0.020	-0.001	0.9500	0.002	-0.002	0.9500	-0.009	-0.002	0.9500	0.047	-0.001	0.9500	0.026	0.003	0.9500	-0.008	-0.000	0.9500	0.040	-0.001			
0.9900	-0.001	-0.001	0.9900	0.010	-0.001	0.9900	-0.006	-0.001	0.9900	0.009	-0.005	0.9900	-0.012	-0.005	0.9900	0.003	-0.001	0.9900	-0.005	-0.000	0.9900	0.025	-0.001			
1.0000	-0.002	-0.001	1.0000	0.008	-0.001	1.0000	-0.004	-0.001	1.0000	0.014	-0.006	1.0000	-0.031	-0.006	1.0000	-0.004	-0.003	1.0000	-0.004	0.000	1.0000	0.020	-0.001			

TABLE VIII.- SECTION COEFFICIENTS FOR THE BODY WITH THE MODEL AT 0° SIDESLIP - Continued
(b) BVWC $\delta = -0.4°$

x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}
M= 0.699			M= 0.697			M= 0.904			M= 1.045			M= 1.303			M= 1.301			M= 1.695			M= 2.230			M= 2.234		
α=-04.23			α= 07.66			α= 03.73			α= 03.88			α=-00.05			α= 11.79			α= 03.78			α= 00.35			α= 12.24		
0.0000	0.007	-0.024	0.0000	-0.032	-0.017	0.0000	-0.006	-0.024	0.0000	-0.006	-0.030	0.0000	-0.021	-0.013	0.0000	-0.010	-0.030	0.0000	0.009	-0.032	0.0000	-0.023	-0.087	0.0000	0.085	-0.077
0.0500	-0.028	0.001	0.0500	0.061	-0.001	0.0500	0.028	0.000	0.0500	0.026	0.000	0.0500	-0.002	0.003	0.0500	0.076	-0.002	0.0500	0.023	0.003	0.0500	-0.002	-0.001	0.0500	0.084	-0.003
0.1000	-0.047	0.008	0.1000	0.103	0.002	0.1000	0.047	0.005	0.1000	0.042	0.005	0.1000	0.003	0.005	0.1000	0.124	0.002	0.1000	0.031	0.009	0.1000	0.004	0.020	0.1000	0.086	0.015
0.1353	-0.050	0.002	0.1353	0.103	-0.004	0.1353	0.051	-0.003	0.1353	0.043	-0.006	0.1353	-0.001	-0.002	0.1353	0.134	-0.010	0.1353	0.034	-0.003	0.1353	-0.000	-0.000	0.1353	0.090	-0.005
0.2090	-0.028	0.000	0.2090	0.058	-0.002	0.2090	0.040	-0.002	0.2090	0.037	-0.001	0.2090	-0.001	0.000	0.2090	0.132	-0.005	0.2090	0.030	-0.001	0.2090	-0.003	0.001	0.2090	0.090	-0.003
0.2500	-0.012	0.001	0.2500	0.027	0.000	0.2500	0.010	0.001	0.2500	0.019	0.003	0.2500	-0.001	0.002	0.2500	0.097	0.000	0.2500	0.027	-0.003	0.2500	-0.004	-0.001	0.2500	0.082	-0.002
0.3000	-0.009	0.000	0.3000	0.020	0.000	0.3000	0.008	0.000	0.3000	0.008	-0.000	0.3000	0.000	0.002	0.3000	0.035	-0.002	0.3000	0.014	0.002	0.3000	-0.003	0.000	0.3000	0.061	0.001
0.3500	-0.008	-0.000	0.3500	0.019	0.001	0.3500	0.007	0.000	0.3500	0.009	-0.000	0.3500	0.002	0.000	0.3500	0.012	0.000	0.3500	0.007	0.001	0.3500	-0.004	0.000	0.3500	0.046	0.001
0.4000	-0.009	-0.001	0.4000	0.024	-0.000	0.4000	0.007	-0.000	0.4000	0.008	-0.001	0.4000	0.002	-0.001	0.4000	0.014	0.001	0.4000	-0.001	-0.001	0.4000	-0.001	-0.001	0.4000	0.036	-0.001
0.4500	-0.018	0.001	0.4500	0.054	-0.001	0.4500	0.020	0.000	0.4500	0.010	0.002	0.4500	-0.001	0.003	0.4500	0.028	0.001	0.4500	0.001	0.000	0.4500	0.002	0.001	0.4500	0.032	-0.001
0.5000	-0.028	0.000	0.5000	0.080	-0.004	0.5000	0.030	-0.002	0.5000	0.027	-0.002	0.5000	0.002	-0.001	0.5000	0.061	-0.006	0.5000	0.007	-0.001	0.5000	0.002	0.000	0.5000	0.040	-0.002
0.5950	-0.039	0.002	0.5950	0.098	-0.002	0.5950	0.049	-0.001	0.5950	0.042	-0.001	0.5950	0.005	-0.001	0.5950	0.118	-0.002	0.5950	0.023	0.001	0.5950	0.002	0.001	0.5950	0.054	-0.001
0.7050	-0.038	0.001	0.7050	0.081	-0.002	0.7050	0.049	-0.001	0.7050	0.045	-0.000	0.7050	-0.002	0.002	0.7050	0.131	-0.000	0.7050	0.030	-0.001	0.7050	-0.004	-0.000	0.7050	0.068	-0.003
0.8000	-0.021	0.002	0.8000	0.062	0.001	0.8000	0.037	0.001	0.8000	0.042	0.003	0.8000	-0.006	0.003	0.8000	0.130	0.001	0.8000	0.026	0.001	0.8000	-0.003	0.000	0.8000	0.077	-0.002
0.9000	0.001	-0.002	0.9000	0.023	-0.001	0.9000	0.014	-0.001	0.9000	0.059	-0.002	0.9000	0.007	-0.000	0.9000	0.133	-0.003	0.9000	0.033	-0.000	0.9000	-0.003	0.001	0.9000	0.072	-0.002
0.9500	-0.001	-0.003	0.9500	0.009	-0.002	0.9500	0.004	-0.002	0.9500	0.009	-0.005	0.9500	0.009	-0.002	0.9500	0.068	-0.002	0.9500	0.025	-0.000	0.9500	0.002	0.000	0.9500	0.059	-0.000
0.9900	-0.007	-0.002	0.9900	0.001	-0.002	0.9900	-0.002	-0.001	0.9900	-0.007	-0.002	0.9900	-0.002	-0.004	0.9900	-0.008	-0.003	0.9900	0.011	-0.002	0.9900	0.000	-0.000	0.9900	0.040	-0.000
1.0000	-0.009	-0.001	1.0000	-0.000	-0.001	1.0000	-0.003	-0.001	1.0000	-0.008	-0.000	1.0000	-0.006	-0.005	1.0000	-0.031	-0.004	1.0000	0.006	-0.002	1.0000	-0.000	-0.000	1.0000	0.034	-0.000
M= 0.696			M= 0.702			M= 0.951			M= 1.097			M= 1.302			M= 1.299			M= 1.903			M= 2.230			M= 2.230		
α=-00.20			α= 11.74			α= 03.77			α= 03.88			α= 03.93			α= 15.82			α= 03.98			α= 04.28			α= 16.17		
0.0000	0.001	-0.016	0.0000	-0.059	-0.018	0.0000	-0.005	-0.028	0.0000	-0.017	-0.032	0.0000	0.004	-0.027	0.0000	-0.008	0.001	0.0000	0.024	-0.064	0.0000	0.004	-0.076	0.0000	0.108	-0.082
0.0500	0.000	0.001	0.0500	0.095	-0.003	0.0500	0.028	0.000	0.0500	0.026	0.000	0.0500	0.024	0.001	0.0500	0.111	-0.004	0.0500	0.029	-0.002	0.0500	0.025	-0.002	0.0500	0.114	-0.004
0.1000	-0.000	0.005	0.1000	0.169	-0.002	0.1000	0.046	0.005	0.1000	0.044	0.005	0.1000	0.037	0.006	0.1000	0.175	-0.008	0.1000	0.034	0.014	0.1000	0.033	0.017	0.1000	0.119	0.015
0.1353	-0.001	0.000	0.1353	0.173	-0.009	0.1353	0.050	-0.005	0.1353	0.040	-0.008	0.1353	0.042	-0.005	0.1353	0.187	-0.011	0.1353	0.037	-0.002	0.1353	0.031	-0.002	0.1353	0.122	-0.006
0.2090	-0.000	-0.000	0.2090	0.093	-0.002	0.2090	0.040	-0.000	0.2090	0.043	-0.001	0.2090	0.039	0.001	0.2090	0.184	-0.005	0.2090	0.033	-0.000	0.2090	0.031	-0.000	0.2090	0.124	-0.004
0.2500	0.000	0.001	0.2500	0.042	0.001	0.2500	0.013	0.001	0.2500	0.026	0.003	0.2500	0.032	0.002	0.2500	0.130	-0.001	0.2500	0.032	-0.001	0.2500	0.026	-0.002	0.2500	0.114	-0.003
0.3000	0.000	0.001	0.3000	0.033	0.001	0.3000	0.006	0.000	0.3000	0.006	0.001	0.3000	0.011	-0.000	0.3000	0.053	-0.001	0.3000	0.022	0.002	0.3000	0.022	0.000	0.3000	0.083	-0.001
0.3500	0.001	0.000	0.3500	0.033	0.000	0.3500	0.006	0.000	0.3500	-0.000	0.001	0.3500	0.001	-0.001	0.3500	0.031	0.003	0.3500	0.013	0.000	0.3500	0.011	0.001	0.3500	0.067	-0.000
0.4000	0.001	-0.000	0.4000	0.043	0.000	0.4000	0.005	-0.000	0.4000	-0.001	0.000	0.4000	0.004	-0.002	0.4000	0.013	0.002	0.4000	0.004	0.001	0.4000	0.009	-0.000	0.4000	0.058	-0.002
0.4500	0.002	0.001	0.4500	0.095	-0.003	0.4500	0.017	0.000	0.4500	0.003	0.002	0.4500	0.004	0.002	0.4500	0.040	-0.000	0.4500	0.004	0.001	0.4500	0.010	-0.000	0.4500	0.057	-0.001
0.5000	0.002	-0.001	0.5000	0.141	-0.006	0.5000	0.028	-0.002	0.5000	0.033	-0.006	0.5000	0.014	-0.002	0.5000	0.088	-0.005	0.5000	0.006	-0.000	0.5000	0.012	-0.001	0.5000	0.066	-0.002
0.5950	0.001	0.000	0.5950	0.167	-0.004	0.5950	0.048	-0.001	0.5950	0.046	-0.001	0.5950	0.031	-0.003	0.5950	0.168	-0.004	0.5950	0.019	-0.001	0.5950	0.019	0.000	0.5950	0.075	-0.001
0.7050	-0.003	0.000	0.7050	0.141	-0.002	0.7050	0.053	-0.001	0.7050	0.046	-0.003	0.7050	0.035	0.001	0.7050	0.180	-0.003	0.7050	0.024	-0.001	0.7050	0.022	-0.001	0.7050	0.094	-0.004
0.8000	0.002	0.001	0.8000	0.105	0.001	0.8000	0.045	0.003	0.8000	0.026	0.004	0.8000	0.033	0.001	0.8000	0.177	-0.002	0.8000	0.022	-0.001	0.8000	0.024	-0.000	0.8000	0.107	-0.002
0.9000	0.007	-0.001	0.9000	0.038	-0.000	0.9000	0.013	-0.001	0.9000	0.043	-0.002	0.9000	0.044	-0.002	0.9000	0.183	-0.006	0.9000	0.028	-0.001	0.9000	0.025	-0.000	0.9000	0.097	-0.002
0.9500	0.001	-0.002	0.9500	0.014	-0.002	0.9500	-0.001	-0.002	0.9500	0.013	-0.003	0.9500	0.027	-0.002	0.9500	0.092	-0.001	0.9500	0.023	0.000	0.9500	0.023	0.000	0.9500	0.080	-0.001
0.9900	-0.004	-0.002	0.9900	0.004	-0.001	0.9900	-0.002	-0.001	0.9900	0.002	-0.002	0.9900	-0.009	-0.003	0.9900	-0.005	-0.003	0.9900	0.013	-0.001	0.9900	0.014	-0.000	0.9900	0.056	-0.000
1.0000	-0.006	-0.001	1.0000	0.003	-0.001	1.0000	-0.001	-0.001	1.0000	0.001	-0.001	1.0000	-0.022	-0.003	1.0000	-0.033	-0.005	1.0000	0.010	-0.002	1.0000	0.011	-0.000	1.0000	0.049	-0.000
M= 0.695			M= 0.696			M= 1.000			M= 1.303			M= 1.299			M= 1.497			M= 2.227			M= 2.234					
α= 03.73			α= 15.72			α= 03.88			α=-04.08			α= 07.81			α= 03.83			α=-03.88			α= 08.26					
0.0000	-0.005	-0.016	0.0000	-0.121	0.011	0.0000	-0.006	-0.029	0.0000	-0.005	-0.030	0.0000	0.006	-0.044	0.0000	0.009	-0.024	0.0000	-0.054	-0.088	0.0000	0.052	-0.079			
0.0500	0.031		0.0500	0.192	-0.004	0.0500	0.027	0.000	0.0500	-0.024	0.002	0.0500	0.050	0.000	0.0500	0.023	0.000	0.0500	-0.022	-0.001	0.0500	0.054	-0.003			
0.1000	0.048	0.003	0.1000	0.245	-0.009	0.1000	0.045	0.005	0.1000	-0.037	0.009	0.1000	0.077	0.009	0.1000	0.033	0.005	0.1000	-0.015	0.002	0.1000	0.058	0.017			
0.1353	0.049	-0.002	0.1353	0.240	-0.007	0.1353	0.047	-0.006	0.1353	-0.043	-0.002	0.1353	0.087	-0.007	0.1353	0.038	-0.003	0.1353	-0.024	0.000	0.1353	0.062	-0.003			
0.2090	0.028	-0.001	0.2090	0.130	-0.006	0.2090	0.041	-0.001	0.2090	-0.041	0.002	0.2090	0.085	-0.000	0.2090	0.037	-0.001	0.2090	-0.027	0.001	0.2090	0.060	-0.002			
0.2500	0.013	0.001	0.2500	0.057	0.000	0.2500	0.019	0.003	0.2500	-0.032	0.002	0.2500	0.067	0.001	0.2500	0.026	0.000	0.2500	-0.025	-0.001	0.2500	0.055	-0.002			
0.3000	0.010	0.001	0.3000	0.050	0.000	0.3000	0.005	0.000	0.3000	-0.012	-0.001	0.3000	0.019	-0.001	0.3000	0.015	0.001	0.3000	-0.018	0.000	0.3000	0.042	0.001			
0.3500	0.010	0.000	0.3500	0.051	0.001	0.3500	0.006	0.000	0.3500	0.002	-0.001	0.3500	0.004	-0.000	0.3500	0.005	0.001	0.3500	-0.013	-0.001	0.3500	0.028	0.001			
0.4000	0.012	-0.000	0.4000	0.062	0.001	0.4000	0.005	-0.001	0.4000	-0.003	-0.002	0.4000	0.008	-0.001	0.4000	0.003	-0.001	0.4000	-0.006	-0.000	0.4000	0.021	-0.000			
0.4500	0.023	-0.000	0.4500	0.142	-0.005	0.4500	0.012	-0.001	0.4500	-0.004	0.005	0.4500	0.012	0.002	0.4500	0.005	0.003	0.4500	-0.003	0.002	0.4500	0.018	0.001			
0.5000	0.034	-0.002	0.5000	0.207	-0.009	0.5000	0.023	-0.001	0.5000	-0.009	0.001	0.5000	0.036	-0.007	0.5000	0.008	-0.000	0.5000	-0.003	0.001	0.5000	0.022	-0.002			
0.5950	0.043	-0.001	0.5950	0.241	-0.006	0.5950	0.046	-0.001	0.5950	-0.022	-0.001	0.5950	0.071	-0.005	0.5950	0.022	-0.003	0.5950	-0.008	0.001	0.5950	0.038	-0.000			
0.7050	0.035	-0.001	0.7050	0.204	-0.004	0.7050	0.050	-0.001	0.7050	-0.039	0.005	0.7050	0.079	-0.010	0.7050	0.035	0.002	0.7050	-0.015	0.000	0.7050	0.044	-0.003			
0.8000	0.027	0.001	0.8000	0.152	0.000	0.8000	0.045	0.003	0.8000	-0.043	0.005	0.8000	0.086	-0.000	0.8000	0.031	-0.000	0.8000	-0.018	0.001	0.8000	0.050	-0.001			
0.9000	0.014	-0.001	0.9000	0.052	0.000	0.9000	0.057	-0.004	0.9000	-0.028	0.002	0.9000	0.087	-0.002	0.9000	0.040	-0.000	0.9000	-0.016	0.001	0.9000	0.049	-0.001			
0.9500	0.004	-0.002	0.9500	0.018	-0.002	0.9500	-0.000	-0.004	0.9500	-0.009	-0.001	0.9500	0.048	-0.002	0.9500	0.026	0.001	0.9500	-0.009	-0.000	0.9500	0.041	-0.000			
0.9900	-0.001	-0.002	0.9900	0.008	-0.002	0.9900	-0.008	-0.002	0.9900	0.006	-0.006	0.9900	-0.014	-0.005	0.9900	0.005	-0.002	0.9900	-0.006	-0.000	0.9900	0.026	-0.000			
1.0000	-0.002	-0.002	1.0000	0.008	-0.002	1.0000	-0.004	-0.001	1.0000	0.010	-0.007	1.0000	-0.033	-0.006	1.0000	-0.002	-0.004	1.0000	-0.006	-0.000	1.0000	0.021	-0.001			

TABLE VIII.- SECTION COEFFICIENTS FOR THE BODY WITH THE MODEL AT 0° SIDESLIP - Continued
(c) BVWC $\delta = 9.6°$

x/l	C_{N_β}	C_{Y_β}	x/l	C_{N_β}	C_{Y_β}	x/l	C_{N_β}	C_{Y_β}	x/l	C_{N_β}	C_{Y_β}	x/l	C_{N_β}	C_{Y_β}	x/l	C_{N_β}	C_{Y_β}	x/l	C_{N_β}	C_{Y_β}	x/l	C_{N_β}	C_{Y_β}
M = 0.702			M = 0.701			M = 0.906			M = 1.048			M = 1.303			M = 1.297			M = 1.697			M = 2.228			M = 2.235		
α = -04.23			α = 07.76			α = 03.78			α = 04.03			α = -00.15			α = 11.94			α = 03.88			α = 00.35			α = 12.29		
0.0000	-0.057	-0.043	0.0000	-0.076	-0.080	0.0000	-0.068	-0.066	0.0000	-0.035	-0.055	0.0000	-0.016	-0.043	0.0000	0.178	-0.099	0.0000	0.116	-0.074	0.0000	0.035	-0.097	0.0000	0.211	-0.127
0.0500	-0.027	-0.004	0.0500	0.057	-0.006	0.0500	0.022	-0.007	0.0500	0.023	-0.001	0.0500	-0.002	0.002	0.0500	0.077	-0.003	0.0500	0.024	0.001	0.0500	0.002	-0.001	0.0500	0.083	-0.003
0.1000	-0.008	0.008	0.1000	0.150	0.013	0.1000	0.085	0.012	0.1000	0.075	0.012	0.1000	0.021	0.012	0.1000	0.112	0.018	0.1000	0.021	0.017	0.1000	0.002	0.023	0.1000	0.060	0.029
0.1353	0.000	-0.001	0.1353	0.190	-0.007	0.1353	0.114	-0.000	0.1353	0.109	-0.004	0.1353	0.042	-0.003	0.1353	0.218	-0.013	0.1353	0.072	-0.006	0.1353	0.023	-0.003	0.1353	0.107	-0.004
0.2090	-0.016	0.001	0.2090	0.064	-0.007	0.2090	0.058	-0.005	0.2090	0.055	-0.004	0.2090	0.033	-0.006	0.2090	0.168	-0.017	0.2090	0.063	-0.005	0.2090	0.021	-0.002	0.2090	0.117	-0.009
0.2500	-0.005	-0.000	0.2500	0.021	-0.001	0.2500	0.010	-0.001	0.2500	0.072	-0.001	0.2500	0.010	-0.007	0.2500	0.104	-0.004	0.2500	0.036	-0.003	0.2500	0.015	-0.000	0.2500	0.089	-0.002
0.3000	-0.012	-0.000	0.3000	0.005	0.001	0.3000	-0.007	0.001	0.3000	-0.015	0.000	0.3000	0.005	0.001	0.3000	0.009	0.001	0.3000	0.023	0.004	0.3000	0.013	-0.001	0.3000	0.062	0.002
0.3500	-0.012	-0.000	0.3500	0.008	0.000	0.3500	-0.003	0.000	0.3500	-0.003	0.000	0.3500	-0.009	-0.000	0.3500	-0.004	-0.000	0.3500	0.009	0.002	0.3500	0.006	0.002	0.3500	0.035	0.000
0.4000	-0.017	-0.001	0.4000	0.019	-0.000	0.4000	-0.002	-0.001	0.4000	0.007	-0.000	0.4000	-0.008	0.001	0.4000	-0.004	0.002	0.4000	-0.007	0.001	0.4000	-0.001	-0.001	0.4000	0.025	-0.000
0.4500	-0.041	0.003	0.4500	0.030	0.002	0.4500	-0.023	0.003	0.4500	-0.010	0.003	0.4500	-0.012	0.003	0.4500	0.027	0.001	0.4500	-0.008	0.002	0.4500	-0.001	0.001	0.4500	0.020	0.000
0.5000	-0.050	0.001	0.5000	0.059	-0.002	0.5000	-0.038	0.003	0.5000	-0.034	0.001	0.5000	-0.027	0.002	0.5000	0.059	-0.002	0.5000	-0.011	-0.001	0.5000	-0.005	0.001	0.5000	0.025	-0.001
0.5950	-0.046	0.002	0.5950	0.093	-0.003	0.5950	0.044	-0.000	0.5950	0.020	-0.001	0.5950	-0.019	0.001	0.5950	0.111	-0.001	0.5950	-0.012	0.001	0.5950	-0.012	0.001	0.5950	0.054	-0.001
0.7050	-0.040	0.001	0.7050	0.078	-0.003	0.7050	0.054	-0.001	0.7050	0.042	-0.000	0.7050	-0.006	0.003	0.7050	0.140	-0.003	0.7050	0.024	-0.001	0.7050	-0.009	-0.001	0.7050	0.067	-0.002
0.8000	-0.022	0.002	0.8000	0.058	0.000	0.8000	0.040	0.001	0.8000	0.039	-0.002	0.8000	-0.006	0.004	0.8000	0.134	-0.000	0.8000	0.026	0.000	0.8000	-0.003	0.000	0.8000	0.075	-0.001
0.9000	0.002	-0.002	0.9000	0.022	-0.001	0.9000	0.015	-0.001	0.9000	0.064	-0.004	0.9000	0.008	-0.001	0.9000	0.136	0.000	0.9000	0.034	-0.000	0.9000	-0.000	0.001	0.9000	0.070	-0.002
0.9500	-0.000	-0.003	0.9500	0.008	-0.002	0.9500	0.003	-0.002	0.9500	0.012	-0.004	0.9500	0.010	-0.002	0.9500	0.065	-0.003	0.9500	0.026	0.000	0.9500	0.005	0.000	0.9500	0.058	-0.000
0.9900	-0.007	-0.002	0.9900	-0.000	-0.002	0.9900	-0.001	-0.001	0.9900	-0.007	-0.002	0.9900	-0.000	-0.004	0.9900	-0.021	-0.003	0.9900	0.010	-0.002	0.9900	0.003	-0.000	0.9900	0.039	-0.001
1.0000	-0.010	-0.001	1.0000	-0.002	-0.001	1.0000	-0.001	-0.001	1.0000	-0.008	-0.001	1.0000	-0.004	-0.005	1.0000	-0.046	-0.003	1.0000	0.005	-0.002	1.0000	0.002	-0.001	1.0000	0.033	-0.001
M = 0.697			M = 0.695			M = 0.953			M = 1.100			M = 1.301			M = 1.300			M = 1.904			M = 2.228			M = 2.232		
α = -00.20			α = 11.88			α = 03.92			α = 04.08			α = 03.93			α = 15.87			α = 04.08			α = 04.28			α = 16.26		
0.0000	-0.055	-0.049	0.0000	-0.307	-0.150	0.0000	-0.058	-0.070	0.0000	-0.020	-0.074	0.0000	0.109	-0.062	0.0000	0.115	-0.249	0.0000	0.118	-0.090	0.0000	0.098	-0.111	0.0000	0.262	-0.126
0.0500	0.000	-0.004	0.0500	0.090	-0.007	0.0500	0.020	-0.007	0.0500	0.023	-0.004	0.0500	0.024	0.000	0.0500	0.097	-0.029	0.0500	0.030	-0.003	0.0500	0.024	-0.002	0.0500	0.114	-0.004
0.1000	0.037	0.009	0.1000	0.267	0.025	0.1000	0.083	0.012	0.1000	0.072	0.013	0.1000	0.035	0.015	0.1000	0.163	0.034	0.1000	0.023	0.021	0.1000	0.018	0.026	0.1000	0.084	0.029
0.1353	0.051	-0.000	0.1353	0.260	-0.019	0.1353	0.119	-0.002	0.1353	0.111	-0.006	0.1353	0.102	-0.004	0.1353	0.260	-0.015	0.1353	0.067	-0.002	0.1353	0.054	-0.003	0.1353	0.135	-0.001
0.2090	0.008	-0.001	0.2090	0.095	-0.016	0.2090	0.061	-0.006	0.2090	0.071	-0.006	0.2090	0.076	-0.009	0.2090	0.206	-0.027	0.2090	0.060	-0.006	0.2090	0.051	-0.004	0.2090	0.156	-0.012
0.2500	0.005	-0.000	0.2500	0.032	0.002	0.2500	0.074	0.005	0.2500	0.047	-0.001	0.2500	0.045	-0.002	0.2500	0.129	-0.007	0.2500	0.047	-0.000	0.2500	0.040	-0.001	0.2500	0.118	-0.002
0.3000	-0.006	0.001	0.3000	0.017	0.000	0.3000	-0.020	0.001	0.3000	-0.023	0.000	0.3000	0.005	-0.002	0.3000	0.007	-0.004	0.3000	0.033	-0.001	0.3000	0.031	0.000	0.3000	0.081	0.001
0.3500	-0.007	0.001	0.3500	0.021	0.002	0.3500	-0.005	0.001	0.3500	-0.019	0.001	0.3500	-0.017	0.002	0.3500	0.009	0.006	0.3500	0.010	0.001	0.3500	0.014	0.002	0.3500	0.056	0.000
0.4000	-0.009	-0.000	0.4000	0.039	-0.003	0.4000	-0.001	-0.001	0.4000	0.002	0.000	0.4000	-0.005	0.001	0.4000	0.022	-0.000	0.4000	-0.003	0.002	0.4000	0.005	0.000	0.4000	0.044	-0.001
0.4500	-0.026	0.003	0.4500	0.080	-0.002	0.4500	-0.020	0.002	0.4500	-0.013	-0.002	0.4500	-0.009	0.005	0.4500	0.051	-0.003	0.4500	-0.004	0.003	0.4500	0.002	-0.000	0.4500	0.043	-0.000
0.5000	-0.026	0.001	0.5000	0.128	-0.005	0.5000	-0.042	0.002	0.5000	-0.035	-0.002	0.5000	-0.023	0.000	0.5000	0.090	-0.004	0.5000	-0.007	-0.000	0.5000	0.002	0.000	0.5000	0.049	-0.001
0.5950	-0.006	0.001	0.5950	0.169	-0.004	0.5950	0.041	-0.001	0.5950	0.018	-0.002	0.5950	-0.007	0.002	0.5950	0.168	-0.003	0.5950	-0.002	-0.001	0.5950	0.002	0.001	0.5950	0.070	-0.002
0.7050	-0.004	-0.000	0.7050	0.146	-0.003	0.7050	0.059	-0.002	0.7050	0.046	-0.001	0.7050	0.035	-0.000	0.7050	0.182	-0.003	0.7050	0.019	-0.000	0.7050	0.011	-0.001	0.7050	0.092	-0.003
0.8000	0.002	0.001	0.8000	0.118	0.001	0.8000	0.048	0.004	0.8000	0.030	-0.004	0.8000	0.032	-0.004	0.8000	0.182	-0.003	0.8000	0.022	0.000	0.8000	0.020	-0.000	0.8000	0.105	-0.001
0.9000	0.008	-0.002	0.9000	0.044	0.000	0.9000	0.029	-0.003	0.9000	0.008	-0.005	0.9000	0.043	-0.003	0.9000	0.189	-0.003	0.9000	0.031	-0.000	0.9000	0.022	-0.000	0.9000	0.097	-0.002
0.9500	0.004	-0.003	0.9500	0.016	-0.001	0.9500	-0.005	-0.002	0.9500	0.019	-0.002	0.9500	0.031	-0.006	0.9500	0.074	-0.002	0.9500	0.025	0.001	0.9500	0.022	0.000	0.9500	0.080	-0.000
0.9900	-0.003	-0.002	0.9900	0.005	-0.001	0.9900	-0.002	-0.001	0.9900	-0.005	-0.003	0.9900	-0.013	-0.002	0.9900	-0.012	0.004	0.9900	0.014	-0.001	0.9900	0.014	-0.000	0.9900	0.055	-0.001
1.0000	-0.006	-0.001	1.0000	0.004	-0.001	1.0000	0.003	-0.001	1.0000	-0.011	-0.003	1.0000	-0.029	-0.000	1.0000	-0.033	0.006	1.0000	0.010	-0.001	1.0000	0.012	-0.000	1.0000	0.047	-0.001
M = 0.698			M = 0.697			M = 1.005			M = 1.297			M = 1.297			M = 1.498			M = 2.225			M = 2.235					
α = 03.73			α = 15.86			α = 04.03			α = -04.13			α = 07.86			α = 03.73			α = -03.78			α = 08.35					
0.0000	-0.054	-0.062	0.0000	-0.362	-0.145	0.0000	-0.054	-0.068	0.0000	-0.028	-0.019	0.0000	0.138	-0.019	0.0000	0.104	-0.068	0.0000	-0.036	-0.088	0.0000	0.187	-0.120			
0.0500	0.028	-0.005	0.0500	0.118	-0.007	0.0500	0.019	-0.007	0.0500	-0.023	0.005	0.0500	0.051	-0.005	0.0500	0.023	-0.001	0.0500	-0.022	-0.001	0.0500	0.054	-0.003			
0.1000	0.084	0.012	0.1000	0.326	0.023	0.1000	0.080	0.011	0.1000	-0.011	0.009	0.1000	0.074	-0.005	0.1000	0.029	0.016	0.1000	-0.010	0.022	0.1000	0.034	0.027			
0.1353	0.107	-0.000	0.1353	0.310	-0.021	0.1353	0.116	-0.003	0.1353	0.000	-0.000	0.1353	0.155	-0.014	0.1353	0.086	-0.003	0.1353	-0.004	-0.001	0.1353	0.087	-0.003			
0.2090	0.036	-0.004	0.2090	0.145	-0.030	0.2090	0.062	-0.005	0.2090	-0.004	0.001	0.2090	0.131	-0.009	0.2090	0.070	-0.011	0.2090	-0.003	-0.001	0.2090	0.081	-0.007			
0.2500	0.016	0.001	0.2500	0.049	-0.006	0.2500	0.072	0.000	0.2500	-0.014	-0.001	0.2500	0.073	-0.004	0.2500	0.046	-0.002	0.2500	-0.007	-0.001	0.2500	0.065	-0.002			
0.3000	-0.001	0.001	0.3000	0.033	-0.000	0.3000	-0.018	0.002	0.3000	0.003	0.000	0.3000	0.009	0.001	0.3000	0.029	0.003	0.3000	-0.004	-0.001	0.3000	0.046	0.001			
0.3500	-0.001	0.000	0.3500	0.051	0.001	0.3500	-0.007	0.000	0.3500	-0.010	0.001	0.3500	-0.017	0.002	0.3500	-0.007	0.000	0.3500	-0.005	-0.000	0.3500	0.023	0.001			
0.4000	0.000	-0.001	0.4000	0.068	0.001	0.4000	0.005	-0.001	0.4000	-0.011	0.001	0.4000	-0.008	0.001	0.4000	-0.009	0.001	0.4000	-0.003	-0.001	0.4000	0.014	0.000			
0.4500	-0.015	0.003	0.4500	0.133	-0.000	0.4500	-0.022	0.002	0.4500	-0.015	0.007	0.4500	0.013	0.004	0.4500	-0.010	0.006	0.4500	-0.005	0.002	0.4500	0.010	0.001			
0.5000	-0.016	0.002	0.5000	0.200	-0.005	0.5000	-0.053	0.003	0.5000	-0.033	0.001	0.5000	0.018	-0.003	0.5000	-0.018	0.000	0.5000	-0.009	0.001	0.5000	0.012	-0.002			
0.5950	0.034	-0.001	0.5950	0.245	-0.003	0.5950	0.042	-0.002	0.5950	-0.042	0.001	0.5950	0.055	-0.002	0.5950	-0.013	0.000	0.5950	-0.017	0.001	0.5950	0.028	0.000			
0.7050	0.033	-0.001	0.7050	0.212	-0.002	0.7050	0.056	-0.001	0.7050	-0.041	0.004	0.7050	0.078	-0.005	0.7050	0.030	0.000	0.7050	-0.021	-0.000	0.7050	0.039	-0.002			
0.8000	0.026	0.001	0.8000	0.169	0.001	0.8000	0.045	0.003	0.8000	-0.039	0.008	0.8000	0.089	-0.000	0.8000	0.031	-0.001	0.8000	-0.020	0.001	0.8000	0.048	-0.001			
0.9000	0.013	-0.001	0.9000	0.056	-0.005	0.9000	0.061	-0.004	0.9000	-0.028	0.001	0.9000	0.085	-0.002	0.9000	0.033	-0.002	0.9000	-0.017	0.001	0.9000	0.045	-0.000			
0.9500	0.003	-0.002	0.9500	0.020	-0.005	0.9500	0.004	-0.003	0.9500	-0.007	-0.002	0.9500	0.047	-0.003	0.9500	0.027	-0.001	0.9500	-0.009	-0.000	0.9500	0.040	0.000			
0.9900	-0.001	-0.001	0.9900	0.010	-0.002	0.9900	-0.008	-0.002	0.9900	0.005	-0.006	0.9900	-0.017	-0.003	0.9900	0.002	-0.003	0.9900	-0.006	-0.000	0.9900	0.026	-0.001			
1.0000	-0.002	-0.001	1.0000	0.010	-0.001	1.0000	-0.007	-0.001	1.0000	0.008	-0.007	1.0000	-0.038	-0.003	1.0000	-0.007	-0.003	1.0000	-0.005	0.000	1.0000	0.020	-0.001			

TABLE VIII.- SECTION COEFFICIENTS FOR THE BODY WITH THE MODEL AT 0° SIDESLIP - Continued
(d) BV_5W

x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}
M = 0.689 α = -04.33			M = 0.694 α = 07.56			M = 0.905 α = 03.69			M = 1.049 α = 03.83			M = 1.304 α = -00.15			M = 1.299 α = 11.69			M = 1.699 α = 03.73			M = 2.231 α = 00.20			M = 2.234 α = 12.19		
0.0000	-0.041	-0.018	0.0000	0.060	-0.033	0.0000	0.035	-0.024	0.0000	0.032	-0.024	0.0000	-0.022	-0.012	0.0000	0.090	-0.034	0.0000	0.026	-0.050	0.0000	-0.020	-0.078	0.0000	0.091	-0.081
0.0500	-0.025	0.002	0.0500	0.050	-0.006	0.0500	0.028	-0.001	0.0500	0.027	-0.000	0.0500	-0.002	0.002	0.0500	0.075	-0.003	0.0500	0.023	-0.003	0.0500	0.001	-0.001	0.0500	0.083	-0.003
0.1000	-0.018	0.007	0.1000	0.042	-0.002	0.1000	0.022	0.006	0.1000	0.022	0.006	0.1000	0.004	0.005	0.1000	0.065	-0.006	0.1000	0.021	0.010	0.1000	0.007	0.019	0.1000	0.071	0.018
0.1353	-0.017	0.002	0.1353	0.038	-0.002	0.1353	0.020	0.000	0.1353	0.018	-0.000	0.1353	0.000	0.000	0.1353	0.059	-0.001	0.1353	0.018	-0.002	0.1353	0.003	-0.000	0.1353	0.060	-0.001
0.2090	-0.015	0.001	0.2090	0.030	-0.001	0.2090	0.016	0.000	0.2090	0.012	0.001	0.2090	0.001	-0.000	0.2090	0.044	-0.002	0.2090	0.012	-0.001	0.2090	0.000	0.000	0.2090	0.050	-0.002
0.2500	-0.013	0.001	0.2500	0.018	-0.000	0.2500	0.013	-0.001	0.2500	0.009	0.000	0.2500	-0.001	0.000	0.2500	0.040	-0.001	0.2500	0.013	-0.005	0.2500	0.000	0.000	0.2500	0.048	-0.002
0.3000	-0.011	0.003	0.3000	0.025	-0.002	0.3000	0.011	-0.000	0.3000	0.014	0.001	0.3000	0.000	0.001	0.3000	0.035	-0.001	0.3000	0.012	-0.002	0.3000	-0.001	-0.000	0.3000	0.043	-0.001
0.3500	-0.012	0.002	0.3500	0.024	-0.001	0.3500	0.010	-0.000	0.3500	0.016	-0.002	0.3500	0.002	-0.000	0.3500	0.030	-0.002	0.3500	0.009	-0.000	0.3500	-0.001	-0.000	0.3500	0.039	-0.000
0.4000	-0.012	0.004	0.4000	0.030	-0.002	0.4000	0.010	-0.000	0.4000	0.012	-0.001	0.4000	0.001	-0.001	0.4000	0.027	-0.000	0.4000	0.003	0.000	0.4000	0.000	-0.001	0.4000	0.035	-0.002
0.4500	-0.095	0.003	0.4500	0.076	-0.004	0.4500	0.034	-0.002	0.4500	0.022	-0.001	0.4500	-0.002	0.003	0.4500	0.042	-0.002	0.4500	0.010	0.001	0.4500	0.004	0.001	0.4500	0.038	-0.001
0.5000	-0.046	0.001	0.5000	0.099	-0.005	0.5000	0.046	-0.003	0.5000	0.043	-0.003	0.5000	-0.000	-0.001	0.5000	0.084	-0.006	0.5000	0.018	-0.002	0.5000	0.003	0.000	0.5000	0.050	-0.003
0.5950	-0.046	0.001	0.5950	0.101	-0.002	0.5950	0.053	-0.001	0.5950	0.042	-0.000	0.5950	0.003	-0.001	0.5950	0.131	-0.002	0.5950	0.033	0.000	0.5950	0.005	0.001	0.5950	0.066	-0.002
0.7050	-0.042	-0.001	0.7050	0.077	-0.004	0.7050	0.051	-0.001	0.7050	0.045	-0.001	0.7050	-0.003	0.003	0.7050	0.135	-0.000	0.7050	0.033	-0.001	0.7050	-0.001	-0.001	0.7050	0.071	-0.003
0.8000	-0.028	-0.014	0.8000	0.050	-0.018	0.8000	0.025	-0.018	0.8000	0.035	-0.006	0.8000	-0.012	-0.002	0.8000	0.132	-0.002	0.8000	0.024	-0.005	0.8000	-0.001	-0.002	0.8000	0.080	-0.001
0.9000	0.008	-0.016	0.9000	0.030	-0.017	0.9000	0.023	-0.019	0.9000	0.068	-0.032	0.9000	0.014	-0.018	0.9000	0.128	-0.015	0.9000	0.035	-0.008	0.9000	0.001	-0.004	0.9000	0.071	-0.005
0.9500	0.004	-0.011	0.9500	0.011	-0.014	0.9500	0.008	-0.015	0.9500	0.019	-0.034	0.9500	0.013	-0.018	0.9500	0.069	-0.018	0.9500	0.029	-0.011	0.9500	0.008	-0.007	0.9500	0.060	-0.004
0.9900	-0.005	-0.005	0.9900	0.003	-0.010	0.9900	0.001	-0.007	0.9900	-0.005	-0.017	0.9900	0.005	-0.026	0.9900	0.007	-0.028	0.9900	0.013	-0.016	0.9900	0.007	-0.008	0.9900	0.039	-0.008
1.0000	-0.007	-0.004	1.0000	0.002	-0.009	1.0000	0.001	-0.005	1.0000	-0.009	-0.010	1.0000	0.003	-0.029	1.0000	-0.011	-0.032	1.0000	0.008	-0.017	1.0000	0.006	-0.008	1.0000	0.032	-0.010
M = 0.690 α = -00.25			M = 0.693 α = 11.74			M = 0.952 α = 03.73			M = 1.102 α = 03.88			M = 1.304 α = 03.69			M = 1.300 α = 15.77			M = 1.905 α = 03.98			M = 2.227 α = 04.28					
0.0000	-0.001	-0.018	0.0000	0.114	-0.025	0.0000	0.035	-0.025	0.0000	0.034	-0.030	0.0000	0.026	-0.026	0.0000	0.102	-0.033	0.0000	0.020	-0.053	0.0000	0.004	-0.084			
0.0500	0.001	0.001	0.0500	0.080	-0.005	0.0500	0.028	-0.001	0.0500	0.026	-0.000	0.0500	0.023	0.001	0.0500	0.109	-0.003	0.0500	0.027	-0.001	0.0500	0.024	-0.003			
0.1000	0.002	0.006	0.1000	0.061	0.002	0.1000	0.023	0.006	0.1000	0.020	0.007	0.1000	0.021	0.007	0.1000	0.097	0.004	0.1000	0.025	0.013	0.1000	0.027	0.020			
0.1353	0.002	0.001	0.1353	0.056	-0.002	0.1353	0.020	0.000	0.1353	0.017	-0.000	0.1353	0.019	-0.000	0.1353	0.077	-0.004	0.1353	0.018	0.000	0.1353	0.019	-0.001			
0.2090	0.001	0.000	0.2090	0.045	-0.002	0.2090	0.016	0.001	0.2090	0.016	0.000	0.2090	0.013	0.001	0.2090	0.064	-0.004	0.2090	0.014	-0.001	0.2090	0.015	0.000			
0.2500	0.000	-0.000	0.2500	0.041	-0.001	0.2500	0.013	-0.001	0.2500	0.015	0.000	0.2500	0.012	0.000	0.2500	0.058	-0.004	0.2500	0.012	0.000	0.2500	0.012	-0.001			
0.3000	-0.000	0.000	0.3000	0.034	0.001	0.3000	0.012	0.000	0.3000	0.012	0.002	0.3000	0.012	-0.000	0.3000	0.050	-0.003	0.3000	0.011	0.001	0.3000	0.012	0.000			
0.3500	0.001	0.000	0.3500	0.038	-0.002	0.3500	0.009	-0.000	0.3500	0.005	0.000	0.3500	0.007	-0.001	0.3500	0.047	-0.002	0.3500	0.012	0.000	0.3500	0.008	0.001			
0.4000	0.001	-0.000	0.4000	0.050	-0.002	0.4000	0.006	-0.000	0.4000	-0.002	0.001	0.4000	0.009	-0.002	0.4000	0.040	-0.002	0.4000	0.010	0.001	0.4000	0.010	-0.001			
0.4500	0.001	0.001	0.4500	0.130	-0.009	0.4500	0.032	-0.001	0.4500	0.022	-0.000	0.4500	0.010	0.001	0.4500	0.058	-0.003	0.4500	0.013	0.002	0.4500	0.012	-0.000			
0.5000	0.001	-0.001	0.5000	0.169	-0.008	0.5000	0.047	-0.004	0.5000	0.052	-0.004	0.5000	0.026	-0.002	0.5000	0.106	-0.007	0.5000	0.018	-0.003	0.5000	0.016	-0.001			
0.5950	0.001	-0.000	0.5950	0.169	-0.004	0.5950	0.053	-0.002	0.5950	0.052	-0.001	0.5950	0.039	-0.002	0.5950	0.178	-0.004	0.5950	0.029	-0.001	0.5950	0.024	0.000			
0.7050	-0.003	-0.003	0.7050	0.133	-0.005	0.7050	0.052	-0.001	0.7050	0.046	-0.002	0.7050	0.035	0.002	0.7050	0.183	-0.004	0.7050	0.028	-0.001	0.7050	0.022	-0.001			
0.8000	-0.004	-0.016	0.8000	0.096	-0.017	0.8000	0.033	-0.011	0.8000	0.027	-0.006	0.8000	0.026	-0.002	0.8000	0.190	-0.003	0.8000	0.025	-0.002	0.8000	0.024	-0.002			
0.9000	0.015	-0.016	0.9000	0.039	-0.018	0.9000	0.035	-0.035	0.9000	0.055	-0.030	0.9000	0.046	-0.019	0.9000	0.179	-0.018	0.9000	0.030	-0.006	0.9000	0.025	-0.005			
0.9500	0.006	-0.011	0.9500	0.017	-0.014	0.9500	0.002	-0.012	0.9500	0.019	-0.031	0.9500	0.029	-0.020	0.9500	0.089	-0.016	0.9500	0.025	-0.008	0.9500	0.024	-0.006			
0.9900	-0.002	-0.007	0.9900	0.005	-0.012	0.9900	0.001	-0.005	0.9900	-0.001	-0.015	0.9900	-0.002	-0.029	0.9900	0.003	-0.026	0.9900	0.013	-0.011	0.9900	0.015	-0.008			
1.0000	-0.004	-0.006	1.0000	0.002	-0.012	1.0000	0.004	-0.005	1.0000	-0.005	-0.009	1.0000	-0.012	-0.032	1.0000	-0.021	-0.030	1.0000	0.009	-0.012	1.0000	0.012	-0.008			
M = 0.690 α = 03.83			M = 0.693 α = 15.76			M = 0.998 α = 03.83			M = 1.299 α = -04.03			M = 1.299 α = 07.86			M = 1.502 α = 03.78			M = 2.231 α = -03.78			M = 2.231 α = 08.21					
0.0000	0.033	-0.024	0.0000	0.169	-0.039	0.0000	0.034	-0.025	0.0000	-0.034	-0.027	0.0000	0.057	-0.030	0.0000	0.022	-0.033	0.0000	-0.055	-0.082	0.0000	0.056	-0.084			
0.0500	0.025	-0.006	0.0500	0.114	-0.005	0.0500	0.027	-0.001	0.0500	-0.023	-0.000	0.0500	0.050	-0.001	0.0500	0.022	-0.002	0.0500	-0.021	-0.001	0.0500	0.052	-0.003			
0.1000	0.021	0.001	0.1000	0.083	0.004	0.1000	0.022	0.006	0.1000	-0.017	0.007	0.1000	0.042	0.006	0.1000	0.020	0.006	0.1000	-0.009	0.020	0.1000	0.045	0.019			
0.1353	0.021	-0.002	0.1353	0.076	-0.003	0.1353	0.021	0.000	0.1353	-0.016	0.001	0.1353	0.037	-0.001	0.1353	0.018	-0.003	0.1353	-0.014	-0.000	0.1353	0.039	-0.000			
0.2090	0.013	-0.005	0.2090	0.065	0.001	0.2090	0.017	0.000	0.2090	-0.013	0.002	0.2090	0.030	0.000	0.2090	0.012	-0.002	0.2090	-0.012	-0.000	0.2090	0.030	-0.001			
0.2500	0.014	-0.002	0.2500	0.056	-0.006	0.2500	0.014	-0.001	0.2500	-0.014	0.000	0.2500	0.029	-0.001	0.2500	0.009	-0.003	0.2500	-0.012	-0.000	0.2500	0.028	-0.001			
0.3000	0.011	-0.002	0.3000	0.053	-0.002	0.3000	0.011	0.000	0.3000	-0.010	-0.001	0.3000	0.021	-0.001	0.3000	0.010	-0.001	0.3000	-0.010	-0.000	0.3000	0.026	-0.001			
0.3500	0.013	-0.002	0.3500	0.065	-0.005	0.3500	0.010	-0.000	0.3500	-0.006	-0.000	0.3500	0.019	-0.001	0.3500	0.010	-0.003	0.3500	-0.009	-0.001	0.3500	0.022	0.001			
0.4000	0.015	-0.003	0.4000	0.075	-0.001	0.4000	0.007	-0.001	0.4000	-0.009	-0.002	0.4000	0.018	-0.001	0.4000	0.007	-0.002	0.4000	-0.006	-0.001	0.4000	0.020	-0.001			
0.4500	0.036	-0.007	0.4500	0.184	-0.012	0.4500	0.026	-0.001	0.4500	-0.011	0.006	0.4500	0.025	0.000	0.4500	0.013	0.001	0.4500	-0.004	0.002	0.4500	0.021	-0.001			
0.5000	0.047	-0.004	0.5000	0.240	-0.013	0.5000	0.044	-0.003	0.5000	-0.025	0.001	0.5000	0.057	-0.005	0.5000	0.022	-0.001	0.5000	-0.006	0.001	0.5000	0.032	-0.003			
0.5950	0.048	-0.001	0.5950	0.241	-0.007	0.5950	0.049	-0.001	0.5950	-0.035	0.000	0.5950	0.085	-0.003	0.5950	0.033	-0.002	0.5950	-0.012	0.001	0.5950	0.046	-0.000			
0.7050	0.035	-0.004	0.7050	0.203	-0.006	0.7050	0.049	-0.001	0.7050	-0.040	0.004	0.7050	0.084	0.000	0.7050	0.037	0.000	0.7050	-0.018	0.000	0.7050	0.048	-0.002			
0.8000	0.021	-0.017	0.8000	0.140	-0.015	0.8000	0.037	-0.007	0.8000	-0.050	-0.002	0.8000	0.082	-0.004	0.8000	0.028	-0.003	0.8000	-0.019	-0.001	0.8000	0.052	-0.002			
0.9000	0.021	-0.018	0.9000	0.052	-0.014	0.9000	0.061	-0.038	0.9000	-0.020	-0.018	0.9000	0.088	-0.018	0.9000	0.043	-0.011	0.9000	-0.015	-0.005	0.9000	0.047	-0.004			
0.9500	0.007	-0.013	0.9500	0.024	-0.011	0.9500	0.008	-0.036	0.9500	-0.002	-0.017	0.9500	0.049	-0.020	0.9500	0.030	-0.013	0.9500	-0.005	-0.007	0.9500	0.042	-0.004			
0.9900	0.001	-0.008	0.9900	0.011	-0.009	0.9900	-0.003	-0.012	0.9900	0.015	-0.017	0.9900	-0.007	-0.029	0.9900	0.011	-0.021	0.9900	-0.000	-0.006	0.9900	0.025	-0.008			
1.0000	-0.000	-0.006	1.0000	0.009	-0.008	1.0000	-0.002	-0.003	1.0000	0.019	-0.017	1.0000	-0.024	-0.033	1.0000	0.004	-0.023	1.0000	0.000	-0.006	1.0000	0.019	-0.010			

TABLE VIII.- SECTION COEFFICIENTS FOR THE BODY WITH THE MODEL AT 0° SIDESLIP - Continued
(e) BV_5WC $\delta = 0.4°$

x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}
M = 0.704 α = -04.33			M = 0.699 α = 07.90			M = 0.906 α = 03.69			M = 1.047 α = 03.88			M = 1.300 α = -00.20			M = 1.299 α = 11.89			M = 1.700 α = 03.68			M = 2.227 α = 00.20			M = 2.234 α = 12.24		
0.0000	0.003	-0.006	0.0000	-0.039	0.011	0.0000	-0.013	-0.022	0.0000	-0.019	-0.028	0.0000	-0.010	-0.012	0.0000	-0.004	-0.024	0.0000	0.023	-0.031	0.0000	-0.027	-0.076	0.0000	0.080	-0.060
0.0500	-0.027	0.003	0.0500	0.068	-0.006	0.0500	0.029	-0.002	0.0500	0.026	-0.003	0.0500	-0.002	0.002	0.0500	0.077	-0.002	0.0500	0.029	-0.002	0.0500	0.001	-0.001	0.0500	0.080	-0.005
0.1000	-0.042	0.007	0.1000	0.117	-0.014	0.1000	0.053	0.002	0.1000	0.048	0.004	0.1000	0.001	0.003	0.1000	0.124	-0.000	0.1000	0.033	0.005	0.1000	0.010	0.019	0.1000	0.086	0.010
0.1353	-0.043	0.007	0.1353	0.116	-0.014	0.1353	0.059	-0.006	0.1353	0.050	-0.001	0.1353	-0.000	-0.004	0.1353	0.137	-0.010	0.1353	0.034	-0.003	0.1353	0.006	0.000	0.1353	0.093	-0.004
0.2090	-0.026	0.002	0.2090	0.065	-0.006	0.2090	0.042	-0.006	0.2090	0.038	-0.004	0.2090	-0.002	-0.001	0.2090	0.133	-0.005	0.2090	0.032	0.000	0.2090	0.003	-0.000	0.2090	0.093	-0.006
0.2500	-0.011	0.003	0.2500	0.030	-0.001	0.2500	0.010	0.001	0.2500	0.025	0.002	0.2500	0.000	-0.000	0.2500	0.099	-0.001	0.2500	0.029	-0.002	0.2500	0.003	-0.001	0.2500	0.086	-0.003
0.3000	-0.009	0.001	0.3000	0.021	-0.001	0.3000	0.006	-0.001	0.3000	0.005	-0.002	0.3000	-0.002	0.001	0.3000	0.035	-0.001	0.3000	0.017	0.004	0.3000	0.002	0.002	0.3000	0.059	-0.005
0.3500	-0.008	0.001	0.3500	0.020	-0.000	0.3500	0.006	-0.001	0.3500	0.004	-0.002	0.3500	0.004	-0.002	0.3500	0.013	0.001	0.3500	0.001	0.001	0.3500	-0.000	0.001	0.3500	0.046	-0.002
0.4000	-0.010	0.001	0.4000	0.026	-0.001	0.4000	0.006	-0.001	0.4000	0.009	-0.002	0.4000	0.001	-0.001	0.4000	0.014	-0.000	0.4000	0.005	0.001	0.4000	0.001	-0.001	0.4000	0.036	-0.004
0.4500	-0.022	0.001	0.4500	0.053	-0.004	0.4500	0.016	0.002	0.4500	0.009	0.002	0.4500	-0.001	0.003	0.4500	0.028	0.000	0.4500	0.007	0.001	0.4500	0.003	0.001	0.4500	0.031	0.001
0.5000	-0.032	0.001	0.5000	0.083	-0.009	0.5000	0.025	-0.003	0.5000	0.020	-0.002	0.5000	0.002	-0.000	0.5000	0.060	-0.005	0.5000	0.009	-0.002	0.5000	0.002	-0.001	0.5000	0.038	-0.001
0.5950	-0.040	0.001	0.5950	0.105	-0.002	0.5950	0.048	-0.005	0.5950	0.039	-0.004	0.5950	0.006	0.000	0.5950	0.118	-0.002	0.5950	0.021	-0.001	0.5950	0.003	0.000	0.5950	0.055	-0.002
0.7050	-0.039	0.000	0.7050	0.085	-0.005	0.7050	0.048	-0.004	0.7050	0.043	-0.005	0.7050	-0.002	0.003	0.7050	0.131	0.000	0.7050	0.029	-0.001	0.7050	-0.001	-0.001	0.7050	0.068	-0.003
0.8000	-0.027	-0.014	0.8000	0.053	-0.021	0.8000	0.025	-0.020	0.8000	0.037	-0.009	0.8000	-0.012	-0.003	0.8000	0.129	-0.005	0.8000	0.024	-0.005	0.8000	-0.001	-0.001	0.8000	0.077	-0.002
0.9000	0.005	-0.015	0.9000	0.032	-0.016	0.9000	0.021	-0.017	0.9000	0.056	-0.031	0.9000	0.014	-0.018	0.9000	0.134	-0.014	0.9000	0.035	-0.008	0.9000	0.001	-0.004	0.9000	0.070	-0.005
0.9500	0.001	-0.009	0.9500	0.011	-0.012	0.9500	0.005	-0.013	0.9500	0.013	-0.034	0.9500	0.012	-0.018	0.9500	0.071	-0.016	0.9500	0.030	-0.010	0.9500	0.008	-0.006	0.9500	0.060	-0.004
0.9900	-0.004	-0.005	0.9900	0.002	-0.009	0.9900	-0.002	-0.004	0.9900	-0.002	-0.013	0.9900	0.005	-0.024	0.9900	-0.008	-0.027	0.9900	0.013	-0.015	0.9900	0.006	-0.007	0.9900	0.037	-0.007
1.0000	-0.006	-0.005	1.0000	0.001	-0.008	1.0000	-0.002	-0.001	1.0000	-0.004	-0.004	1.0000	0.003	-0.026	1.0000	-0.031	-0.031	1.0000	0.008	-0.016	1.0000	0.004	-0.007	1.0000	0.030	-0.008
M = 0.699 α = -00.10			M = 0.702 α = 11.74			M = 0.954 α = 03.73			M = 1.097 α = 03.88			M = 1.299 α = 03.73			M = 1.300 α = 15.82			M = 1.906 α = 03.93			M = 2.230 α = 04.18			M = 2.231 α = 16.91		
0.0000	-0.008	-0.014	0.0000	-0.102	-0.018	0.0000	-0.020	-0.024	0.0000	0.029	0.020	0.0000	0.018	-0.016	0.0000	-0.004	-0.012	0.0000	0.002	-0.069	0.0000	-0.009	-0.073	0.0000	0.102	-0.078
0.0500	0.003	0.001	0.0500	0.097	-0.009	0.0500	0.026	-0.003	0.0500	-0.025	0.002	0.0500	0.025	0.002	0.0500	0.109	-0.003	0.0500	0.026	-0.003	0.0500	0.023	-0.002	0.0500	0.111	-0.007
0.1000	0.008	0.005	0.1000	0.185	-0.001	0.1000	0.053	0.004	0.1000	-0.048	-0.004	0.1000	0.033	0.003	0.1000	0.173	-0.005	0.1000	0.037	0.015	0.1000	0.036	0.016	0.1000	0.120	0.013
0.1353	0.008	0.002	0.1353	0.180	0.002	0.1353	0.059	-0.001	0.1353	-0.045	-0.001	0.1353	0.040	-0.007	0.1353	0.190	-0.014	0.1353	0.037	-0.001	0.1353	0.032	-0.002	0.1353	0.125	-0.004
0.2090	0.002	0.000	0.2090	0.097	-0.003	0.2090	0.045	0.002	0.2090	-0.047	0.006	0.2090	0.038	0.001	0.2090	0.182	-0.005	0.2090	0.034	-0.007	0.2090	0.034	-0.002	0.2090	0.130	-0.005
0.2500	0.001	0.001	0.2500	0.043	-0.001	0.2500	0.023	-0.005	0.2500	-0.030	-0.001	0.2500	0.030	0.001	0.2500	0.131	-0.002	0.2500	0.032	-0.004	0.2500	0.028	-0.003	0.2500	0.118	-0.003
0.3000	0.001	0.000	0.3000	0.033	0.000	0.3000	0.003	-0.001	0.3000	-0.004	0.000	0.3000	0.011	-0.001	0.3000	0.053	-0.001	0.3000	0.021	-0.001	0.3000	0.021	-0.002	0.3000	0.084	-0.003
0.3500	0.001	-0.001	0.3500	0.033	-0.000	0.3500	0.007	-0.000	0.3500	0.001	-0.001	0.3500	0.001	-0.000	0.3500	0.029	0.002	0.3500	0.013	-0.002	0.3500	0.012	0.000	0.3500	0.068	-0.002
0.4000	0.001	0.001	0.4000	0.043	0.000	0.4000	0.005	-0.000	0.4000	0.006	-0.002	0.4000	0.002	-0.004	0.4000	0.015	0.002	0.4000	0.006	0.000	0.4000	0.009	-0.002	0.4000	0.057	-0.003
0.4500	0.001	0.000	0.4500	0.095	-0.003	0.4500	0.012	0.001	0.4500	0.009	-0.000	0.4500	0.005	0.004	0.4500	0.041	-0.000	0.4500	0.007	0.001	0.4500	0.009	-0.001	0.4500	0.054	-0.001
0.5000	-0.001	-0.001	0.5000	0.139	-0.007	0.5000	0.022	-0.002	0.5000	0.029	-0.006	0.5000	0.014	-0.000	0.5000	0.085	-0.006	0.5000	0.011	-0.002	0.5000	0.013	0.001	0.5000	0.062	-0.002
0.5950	0.004	-0.001	0.5950	0.171	-0.005	0.5950	0.049	-0.004	0.5950	0.045	-0.004	0.5950	0.030	0.000	0.5950	0.169	-0.004	0.5950	0.018	-0.001	0.5950	0.018	-0.000	0.5950	0.073	-0.002
0.7050	-0.002	-0.002	0.7050	0.139	-0.013	0.7050	0.052	-0.005	0.7050	0.041	-0.003	0.7050	0.034	0.001	0.7050	0.190	-0.003	0.7050	0.022	-0.002	0.7050	0.019	-0.004	0.7050	0.093	-0.004
0.8000	-0.004	-0.016	0.8000	0.096	-0.023	0.8000	0.030	-0.017	0.8000	0.018	-0.005	0.8000	0.028	-0.003	0.8000	0.172	-0.004	0.8000	0.023	-0.001	0.8000	0.022	-0.002	0.8000	0.108	-0.002
0.9000	0.014	-0.015	0.9000	0.040	-0.016	0.9000	0.023	-0.024	0.9000	0.047	-0.034	0.9000	0.047	-0.018	0.9000	0.177	-0.014	0.9000	0.028	-0.007	0.9000	0.024	-0.007	0.9000	0.097	-0.004
0.9500	0.003	-0.010	0.9500	0.013	-0.012	0.9500	0.002	-0.011	0.9500	0.018	-0.027	0.9500	0.029	-0.020	0.9500	0.094	-0.013	0.9500	0.024	-0.009	0.9500	0.022	-0.010	0.9500	0.082	-0.004
0.9900	-0.002	-0.004	0.9900	0.006	-0.009	0.9900	-0.002	-0.004	0.9900	0.002	-0.014	0.9900	-0.001	-0.028	0.9900	-0.001	-0.017	0.9900	0.013	-0.010	0.9900	0.014	-0.010	0.9900	0.052	-0.007
1.0000	-0.003	-0.002	1.0000	0.006	-0.009	1.0000	-0.001	-0.002	1.0000	-0.001	-0.010	1.0000	-0.011	-0.031	1.0000	-0.028	-0.019	1.0000	0.009	-0.011	1.0000	0.011	-0.009	1.0000	0.043	-0.008
M = 0.698 α = 03.83			M = 0.702 α = 15.76			M = 0.995 α = 03.88			M = 1.300 α = -04.13			M = 1.299 α = 07.76			M = 1.500 α = 03.73			M = 2.227 α = -03.83			M = 2.224 α = 08.21					
0.0000	-0.020	-0.016	0.0000	-0.176	0.004	0.0000	-0.017	-0.016	0.0000	0.000	-0.020	0.0000	0.008	-0.024	0.0000	0.018	-0.031	0.0000	-0.052	-0.080	0.0000	0.040	-0.071			
0.0500	0.033	-0.003	0.0500	0.131	-0.003	0.0500	0.026	-0.000	0.0500	-0.022	0.003	0.0500	0.049	0.000	0.0500	0.023	-0.001	0.0500	-0.022	-0.001	0.0500	0.049	-0.006			
0.1000	0.058	0.001	0.1000	0.264	-0.007	0.1000	0.050	0.003	0.1000	-0.037	0.006	0.1000	0.076	0.004	0.1000	0.030	0.005	0.1000	-0.013	0.020	0.1000	0.057	0.013			
0.1353	0.059	-0.002	0.1353	0.251	-0.008	0.1353	0.055	-0.002	0.1353	-0.044	-0.003	0.1353	0.087	-0.005	0.1353	0.037	-0.005	0.1353	-0.021	0.000	0.1353	0.062	-0.002			
0.2090	0.033	-0.002	0.2090	0.135	-0.008	0.2090	0.040	-0.012	0.2090	-0.041	0.002	0.2090	0.085	-0.001	0.2090	0.034	-0.001	0.2090	-0.023	0.000	0.2090	0.062	-0.003			
0.2500	0.015	0.000	0.2500	0.058	-0.001	0.2500	0.024	0.004	0.2500	-0.031	0.001	0.2500	0.066	-0.000	0.2500	0.024	-0.001	0.2500	-0.021	-0.001	0.2500	0.054	-0.005			
0.3000	0.009	-0.003	0.3000	0.050	-0.001	0.3000	0.001	-0.000	0.3000	-0.013	-0.001	0.3000	0.021	-0.001	0.3000	0.013	0.002	0.3000	-0.016	0.000	0.3000	0.040	-0.002			
0.3500	0.008	-0.002	0.3500	0.050	-0.003	0.3500	0.005	-0.001	0.3500	0.003	-0.001	0.3500	0.004	-0.002	0.3500	0.007	-0.000	0.3500	-0.011	-0.000	0.3500	0.027	-0.002			
0.4000	0.012	-0.001	0.4000	0.061	-0.003	0.4000	0.004	-0.001	0.4000	-0.002	-0.002	0.4000	0.008	0.004	0.4000	0.004	0.000	0.4000	-0.006	-0.000	0.4000	0.019	-0.002			
0.4500	0.020	-0.003	0.4500	0.141	-0.005	0.4500	0.007	0.001	0.4500	-0.005	0.005	0.4500	0.015	0.003	0.4500	0.008	0.002	0.4500	-0.001	0.002	0.4500	0.016	-0.002			
0.5000	0.032	-0.004	0.5000	0.209	-0.007	0.5000	0.017	-0.002	0.5000	-0.010	0.001	0.5000	0.036	-0.002	0.5000	0.012	0.000	0.5000	-0.003	0.001	0.5000	0.019	-0.001			
0.5950	0.046	-0.004	0.5950	0.248	-0.004	0.5950	0.046	-0.002	0.5950	-0.021	0.000	0.5950	0.070	-0.001	0.5950	0.022	-0.003	0.5950	-0.007	0.001	0.5950	0.036	0.000			
0.7050	0.035	-0.004	0.7050	0.207	-0.006	0.7050	0.048	-0.004	0.7050	-0.038	0.004	0.7050	0.080	0.001	0.7050	0.033	0.001	0.7050	-0.015	-0.000	0.7050	0.042	-0.004			
0.8000	0.021	-0.018	0.8000	0.149	-0.016	0.8000	0.033	-0.010	0.8000	-0.051	-0.002	0.8000	0.075	-0.004	0.8000	0.027	-0.003	0.8000	-0.017	-0.001	0.8000	0.047	-0.003			
0.9000	0.018	-0.018	0.9000	0.055	-0.010	0.9000	0.055	-0.035	0.9000	-0.021	-0.018	0.9000	0.087	-0.015	0.9000	0.041	-0.011	0.9000	-0.015	-0.005	0.9000	0.045	-0.005			
0.9500	0.006	-0.010	0.9500	0.018	-0.013	0.9500	-0.000	-0.033	0.9500	-0.005	-0.017	0.9500	0.054	-0.018	0.9500	0.032	-0.012	0.9500	-0.006	-0.007	0.9500	0.041	-0.005			
0.9900	-0.000	-0.004	0.9900	0.008	-0.011	0.9900	-0.004	-0.008	0.9900	0.011	-0.019	0.9900	-0.008	-0.030	0.9900	0.011	-0.020	0.9900	-0.001	-0.006	0.9900	0.023	-0.008			
1.0000	-0.001	-0.002	1.0000	0.008	-0.010	1.0000	0.001	0.002	1.0000	0.016	-0.019	1.0000	-0.028	-0.034	1.0000	0.004	-0.023	1.0000	-0.000	-0.006	1.0000	0.016	-0.010			

TABLE VIII.- SECTION COEFFICIENTS FOR THE BODY WITH THE MODEL AT 0° SIDESLIP - Continued
(f) BW

x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}
M = 0.698 α = -04.42			M = 0.700 α = 07.76			M = 0.903 α = 03.78			M = 1.002 α = 03.88			M = 1.299 α = -04.18			M = 1.301 α = 07.81			M = 1.500 α = 03.78			M = 2.229 α = -03.88			M = 2.234 α = 08.26		
0.0000	-0.025	0.008	0.0000	0.073	-0.022	0.0000	0.041	-0.016	0.0000	0.043	-0.007	0.0000	-0.022	-0.005	0.0000	0.066	-0.012	0.0000	0.038	-0.015	0.0000	-0.044	-0.033	0.0000	0.060	-0.048
0.0500	-0.022	0.006	0.0500	0.055	-0.005	0.0500	0.028	-0.002	0.0500	0.027	-0.001	0.0500	-0.021	0.002	0.0500	0.050	0.000	0.0500	0.025	-0.003	0.0500	-0.023	0.000	0.0500	0.054	-0.008
0.1000	-0.019	0.003	0.1000	0.043	-0.001	0.1000	0.021	0.001	0.1000	0.020	-0.000	0.1000	-0.021	0.002	0.1000	0.041	0.002	0.1000	0.018	-0.001	0.1000	-0.014	0.008	0.1000	0.045	0.004
0.1353	-0.017	0.001	0.1353	0.038	-0.005	0.1353	0.020	-0.003	0.1353	0.019	-0.002	0.1353	-0.017	-0.000	0.1353	0.039	-0.003	0.1353	0.017	-0.005	0.1353	-0.015	-0.000	0.1353	0.037	-0.005
0.2090	-0.013	0.003	0.2090	0.031	-0.002	0.2090	0.016	0.000	0.2090	0.015	0.000	0.2090	-0.013	0.000	0.2090	0.028	0.000	0.2090	0.012	-0.002	0.2090	-0.012	-0.001	0.2090	0.029	-0.002
0.2500	-0.012	0.002	0.2500	0.027	-0.001	0.2500	0.013	-0.002	0.2500	0.013	-0.003	0.2500	-0.015	0.001	0.2500	0.028	-0.001	0.2500	0.009	-0.002	0.2500	-0.012	-0.000	0.2500	0.026	-0.002
0.3000	-0.011	0.001	0.3000	0.025	-0.001	0.3000	0.011	0.000	0.3000	0.011	-0.000	0.3000	-0.011	-0.000	0.3000	0.022	-0.001	0.3000	0.011	0.000	0.3000	-0.011	0.001	0.3000	0.025	-0.002
0.3500	-0.011	0.002	0.3500	0.024	-0.000	0.3500	0.009	-0.001	0.3500	0.010	-0.001	0.3500	-0.006	-0.000	0.3500	0.018	-0.001	0.3500	0.011	-0.002	0.3500	-0.010	-0.000	0.3500	0.022	-0.001
0.4000	-0.012	0.005	0.4000	0.023	-0.002	0.4000	0.011	-0.001	0.4000	0.008	-0.002	0.4000	-0.008	-0.002	0.4000	0.017	-0.002	0.4000	0.008	-0.001	0.4000	-0.008	-0.001	0.4000	0.021	-0.003
0.4500	-0.034	0.002	0.4500	0.082	-0.005	0.4500	0.037	-0.002	0.4500	0.028	-0.001	0.4500	-0.011	0.005	0.4500	0.027	-0.000	0.4500	0.014	0.002	0.4500	-0.005	0.002	0.4500	0.020	-0.001
0.5000	-0.043	0.001	0.5000	0.107	-0.006	0.5000	0.050	-0.003	0.5000	0.045	-0.002	0.5000	-0.025	0.001	0.5000	0.057	-0.005	0.5000	0.023	-0.001	0.5000	-0.007	0.000	0.5000	0.030	-0.004
0.5950	-0.044	0.002	0.5950	0.108	-0.002	0.5950	0.055	-0.000	0.5950	0.050	-0.001	0.5950	-0.036	-0.000	0.5950	0.084	-0.003	0.5950	0.032	-0.002	0.5950	-0.015	0.001	0.5950	0.046	-0.000
0.7050	-0.039	0.001	0.7050	0.087	-0.001	0.7050	0.056	-0.001	0.7050	0.050	-0.001	0.7050	-0.041	0.004	0.7050	0.083	0.001	0.7050	0.036	0.000	0.7050	-0.019	0.001	0.7050	0.050	-0.002
0.8000	-0.022	0.001	0.8000	0.058	-0.000	0.8000	0.044	0.001	0.8000	0.058	0.002	0.8000	-0.037	0.003	0.8000	0.085	0.000	0.8000	0.037	0.001	0.8000	-0.018	0.001	0.8000	0.053	-0.004
0.9000	-0.006	-0.001	0.9000	0.015	0.000	0.9000	0.005	-0.001	0.9000	0.050	-0.005	0.9000	-0.031	-0.001	0.9000	0.080	-0.003	0.9000	0.037	0.000	0.9000	-0.017	0.001	0.9000	0.050	-0.003
0.9500	-0.003	0.000	0.9500	0.005	0.000	0.9500	-0.001	0.001	0.9500	-0.010	0.001	0.9500	-0.013	-0.000	0.9500	0.041	0.000	0.9500	0.022	0.002	0.9500	-0.012	0.002	0.9500	0.039	-0.001
0.9900	-0.004	-0.000	0.9900	0.004	-0.000	0.9900	0.001	0.000	0.9900	-0.004	0.000	0.9900	0.010	-0.001	0.9900	-0.013	-0.002	0.9900	0.000	-0.001	0.9900	-0.006	0.003	0.9900	0.024	-0.002
1.0000	-0.005	-0.001	1.0000	0.005	-0.001	1.0000	0.003	-0.000	1.0000	0.005	-0.001	1.0000	0.018	-0.002	1.0000	-0.029	-0.003	1.0000	-0.006	-0.002	1.0000	-0.004	0.003	1.0000	0.019	-0.002
M = 0.700 α = -00.06			M = 0.696 α = 11.79			M = 0.957 α = 03.88			M = 1.062 α = 03.93			M = 1.304 α = -00.10			M = 1.301 α = 11.84			M = 1.703 α = 03.73			M = 2.226 α = 00.25			M = 2.232 α = 12.24		
0.0000	0.008	-0.005	0.0000	0.130	-0.005	0.0000	0.038	-0.005	0.0000	0.032	-0.015	0.0000	-0.019	-0.003	0.0000	0.095	-0.018	0.0000	0.031	-0.021	0.0000	0.000	-0.032	0.0000	0.090	-0.033
0.0500	0.003	0.000	0.0500	0.081	-0.004	0.0500	0.027	-0.002	0.0500	0.025	-0.003	0.0500	-0.001	0.002	0.0500	0.076	-0.002	0.0500	0.029	-0.003	0.0500	0.002	-0.001	0.0500	0.084	-0.002
0.1000	0.002	0.001	0.1000	0.057	-0.007	0.1000	0.021	-0.002	0.1000	0.021	0.001	0.1000	0.003	0.002	0.1000	0.064	0.002	0.1000	0.023	0.003	0.1000	0.003	0.007	0.1000	0.072	0.005
0.1353	0.003	-0.001	0.1353	0.055	-0.005	0.1353	0.020	-0.004	0.1353	0.020	-0.001	0.1353	0.001	-0.001	0.1353	0.059	-0.002	0.1353	0.016	0.000	0.1353	0.002	-0.002	0.1353	0.061	-0.004
0.2090	0.001	0.000	0.2090	0.048	-0.009	0.2090	0.016	-0.000	0.2090	0.014	0.000	0.2090	0.001	-0.001	0.2090	0.044	-0.002	0.2090	0.011	-0.001	0.2090	0.001	-0.000	0.2090	0.049	-0.002
0.2500	0.001	-0.000	0.2500	0.042	-0.004	0.2500	0.013	-0.002	0.2500	0.010	-0.002	0.2500	-0.000	0.000	0.2500	0.040	-0.002	0.2500	0.013	-0.002	0.2500	0.001	-0.001	0.2500	0.039	-0.005
0.3000	0.001	0.000	0.3000	0.033	-0.006	0.3000	0.012	0.000	0.3000	0.004	0.001	0.3000	-0.001	0.002	0.3000	0.035	-0.001	0.3000	0.011	-0.002	0.3000	0.001	-0.000	0.3000	0.042	-0.001
0.3500	0.002	0.000	0.3500	0.040	-0.002	0.3500	0.009	-0.000	0.3500	0.006	0.001	0.3500	0.000	-0.001	0.3500	0.030	-0.002	0.3500	0.011	-0.001	0.3500	-0.000	0.000	0.3500	0.040	-0.000
0.4000	0.002	0.000	0.4000	0.050	-0.003	0.4000	0.006	-0.001	0.4000	0.012	-0.003	0.4000	0.000	-0.001	0.4000	0.028	-0.001	0.4000	0.009	-0.002	0.4000	-0.000	-0.001	0.4000	0.033	-0.002
0.4500	0.004	0.000	0.4500	0.130	-0.009	0.4500	0.034	-0.002	0.4500	0.033	-0.002	0.4500	-0.000	0.002	0.4500	0.043	-0.001	0.4500	0.007	0.001	0.4500	0.004	0.001	0.4500	0.038	-0.002
0.5000	0.006	-0.001	0.5000	0.171	-0.009	0.5000	0.048	-0.002	0.5000	0.048	-0.003	0.5000	0.001	0.001	0.5000	0.085	-0.005	0.5000	0.017	-0.003	0.5000	0.005	-0.000	0.5000	0.048	-0.005
0.5950	0.006	0.000	0.5950	0.171	-0.003	0.5950	0.055	-0.001	0.5950	0.049	-0.000	0.5950	0.004	-0.001	0.5950	0.131	-0.003	0.5950	0.029	-0.002	0.5950	0.006	0.000	0.5950	0.067	-0.001
0.7050	0.003	-0.000	0.7050	0.139	-0.001	0.7050	0.056	-0.001	0.7050	0.043	-0.000	0.7050	-0.003	0.002	0.7050	0.134	-0.001	0.7050	0.033	-0.001	0.7050	0.003	-0.001	0.7050	0.074	-0.002
0.8000	0.004	0.001	0.8000	0.095	-0.000	0.8000	0.060	0.003	0.8000	0.051	0.002	0.8000	0.003	0.003	0.8000	0.141	0.001	0.8000	0.031	-0.002	0.8000	0.006	-0.001	0.8000	0.082	-0.003
0.9000	0.000	-0.000	0.9000	0.024	-0.001	0.9000	0.006	-0.001	0.9000	0.047	-0.003	0.9000	0.008	-0.002	0.9000	0.124	-0.002	0.9000	0.032	0.001	0.9000	0.004	0.000	0.9000	0.075	-0.003
0.9500	-0.001	0.000	0.9500	0.010	0.000	0.9500	-0.006	0.001	0.9500	0.007	0.001	0.9500	0.000	-0.000	0.9500	0.059	-0.001	0.9500	0.022	0.001	0.9500	0.004	0.000	0.9500	0.057	-0.005
0.9900	-0.001	-0.000	0.9900	0.006	-0.001	0.9900	0.001	-0.000	0.9900	-0.004	-0.001	0.9900	-0.005	-0.003	0.9900	-0.002	-0.003	0.9900	0.005	0.001	0.9900	0.002	0.000	0.9900	0.036	-0.002
1.0000	-0.001	-0.001	1.0000	0.006	-0.001	1.0000	0.005	-0.001	1.0000	-0.004	-0.001	1.0000	-0.007	-0.004	1.0000	-0.018	-0.004	1.0000	-0.000	0.001	1.0000	0.001	0.000	1.0000	0.030	-0.001
M = 0.699 α = 03.83			M = 0.699 α = 15.67			M = 1.008 α = -00.05			M = 1.109 α = 03.93			M = 1.303 α = 03.83			M = 1.300 α = 15.87			M = 1.906 α = 03.93			M = 2.229 α = 04.13			M = 2.232 α = 16.22		
0.0000	0.041	-0.003	0.0000	0.152	-0.033	0.0000	0.008	-0.003	0.0000	0.033	0.001	0.0000	0.040	-0.011	0.0000	0.135	-0.016	0.0000	0.014	-0.011	0.0000	0.025	-0.032	0.0000	0.121	-0.033
0.0500	0.028	-0.001	0.0500	0.112	-0.007	0.0500	0.003	0.001	0.0500	0.027	0.000	0.0500	0.025	0.001	0.0500	0.116	-0.016	0.0500	0.025	-0.001	0.0500	0.025	-0.003	0.0500	0.117	-0.004
0.1000	0.021	-0.001	0.1000	0.085	0.004	0.1000	0.001	0.000	0.1000	0.022	-0.001	0.1000	0.019	0.003	0.1000	0.096	-0.018	0.1000	0.023	0.002	0.1000	0.022	0.005	0.1000	0.104	0.005
0.1353	0.020	-0.003	0.1353	0.075	0.001	0.1353	0.002	-0.002	0.1353	0.019	-0.003	0.1353	0.021	-0.001	0.1353	0.081	-0.020	0.1353	0.014	-0.001	0.1353	0.019	-0.001	0.1353	0.089	-0.002
0.2090	0.014	-0.003	0.2090	0.062	-0.001	0.2090	0.001	-0.000	0.2090	0.012	0.001	0.2090	0.013	0.000	0.2090	0.071	-0.007	0.2090	0.015	-0.001	0.2090	0.015	-0.001	0.2090	0.079	-0.002
0.2500	0.014	-0.002	0.2500	0.054	-0.001	0.2500	0.001	-0.002	0.2500	0.007	-0.001	0.2500	0.012	0.000	0.2500	0.061	-0.009	0.2500	0.011	-0.001	0.2500	0.012	-0.001	0.2500	0.071	0.001
0.3000	0.012	-0.001	0.3000	0.056	-0.001	0.3000	0.001	-0.001	0.3000	0.006	-0.002	0.3000	0.013	0.001	0.3000	0.058	-0.003	0.3000	0.009	-0.001	0.3000	0.012	-0.001	0.3000	0.074	-0.002
0.3500	0.011	-0.005	0.3500	0.052	-0.002	0.3500	0.001	-0.002	0.3500	0.013	-0.002	0.3500	0.008	-0.000	0.3500	0.051	-0.010	0.3500	0.012	-0.001	0.3500	0.010	-0.001	0.3500	0.066	-0.005
0.4000	0.016	-0.001	0.4000	0.070	-0.002	0.4000	-0.000	-0.001	0.4000	0.012	0.001	0.4000	0.008	-0.002	0.4000	0.041	-0.015	0.4000	0.008	-0.001	0.4000	0.009	-0.002	0.4000	0.065	-0.005
0.4500	0.040	-0.002	0.4500	0.182	-0.012	0.4500	0.000	0.001	0.4500	0.007	0.004	0.4500	0.013	0.001	0.4500	0.057	-0.005	0.4500	0.012	0.001	0.4500	0.010	-0.000	0.4500	0.062	-0.001
0.5000	0.050	-0.003	0.5000	0.240	-0.013	0.5000	0.007	-0.001	0.5000	0.034	-0.002	0.5000	0.028	-0.003	0.5000	0.108	-0.005	0.5000	0.017	-0.002	0.5000	0.016	-0.001	0.5000	0.076	-0.007
0.5950	0.051	-0.001	0.5950	0.242	-0.007	0.5950	0.004	0.001	0.5950	0.056	-0.003	0.5950	0.041	-0.002	0.5950	0.180	-0.005	0.5950	0.028	-0.002	0.5950	0.024	-0.000	0.5950	0.095	-0.004
0.7050	0.042	-0.001	0.7050	0.206	-0.003	0.7050	0.007	-0.000	0.7050	0.052	-0.002	0.7050	0.037	0.001	0.7050	0.189	-0.004	0.7050	0.027	-0.001	0.7050	0.026	-0.001	0.7050	0.107	-0.004
0.8000	0.029	0.000	0.8000	0.135	-0.001	0.8000	0.011	0.003	0.8000	0.054	0.003	0.8000	0.042	0.001	0.8000	0.190	-0.002	0.8000	0.030	-0.001	0.8000	0.029	-0.002	0.8000	0.117	-0.003
0.9000	0.006	-0.000	0.9000	0.035	0.000	0.9000	0.010	-0.003	0.9000	0.038	-0.001	0.9000	0.042	-0.003	0.9000	0.175	-0.005	0.9000	0.029	-0.000	0.9000	0.028	0.000	0.9000	0.107	-0.003
0.9500	0.001	0.000	0.9500	0.018	0.002	0.9500	-0.003	0.002	0.9500	0.006	-0.000	0.9500	0.016	-0.001	0.9500	0.083	0.001	0.9500	0.018	0.001	0.9500	0.022	-0.003	0.9500	0.081	-0.003
0.9900	0.001	-0.001	0.9900	0.013	-0.000	0.9900	-0.001	-0.000	0.9900	-0.001	0.000	0.9900	-0.012	-0.001	0.9900	0.001	-0.002	0.9900	0.006	0.000	0.9900	0.011	-0.005	0.9900	0.052	-0.004
1.0000	0.002	-0.001	1.0000	0.013	-0.001	1.0000	0.002	-0.002	1.0000	-0.000	0.000	1.0000	-0.020	-0.001	1.0000	-0.020	-0.004	1.0000	0.002	-0.000	1.0000	0.007	-0.005	1.0000	0.043	-0.004

TABLE VIII.- SECTION COEFFICIENTS FOR THE BODY WITH THE MODEL AT 0° SIDESLIP - Continued
(g) BV

x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}
M = 0.700 α = -04.28			M = 0.700 α = 07.76			M = 0.904 α = 03.78			M = 1.054 α = 03.93			M = 1.301 α = -00.20			M = 1.303 α = 11.94			M = 1.704 α = 03.83			M = 2.237 α = 00.25			M = 2.234 α = 12.24		
0.0000	-0.028	0.010	0.0000	0.080	-0.003	0.0000	0.044	-0.007	0.0000	0.034	-0.008	0.0000	-0.005	0.011	0.0000	0.085	-0.012	0.0000	0.041	-0.029	0.0000	0.000	-0.031	0.0000	0.092	-0.030
0.0500	-0.022	0.005	0.0500	0.054	-0.001	0.0500	0.026	-0.007	0.0500	0.027	-0.004	0.0500	0.000	0.003	0.0500	0.074	-0.001	0.0500	0.028	-0.003	0.0500	0.003	-0.001	0.0500	0.082	-0.001
0.1000	-0.018	0.004	0.1000	0.039	-0.001	0.1000	0.018	-0.004	0.1000	0.021	-0.002	0.1000	0.002	0.000	0.1000	0.065	0.001	0.1000	0.021	0.005	0.1000	0.003	0.007	0.1000	0.070	0.006
0.1353	-0.015	0.005	0.1353	0.035	-0.002	0.1353	0.017	-0.001	0.1353	0.017	-0.002	0.1353	-0.000	0.000	0.1353	0.058	-0.002	0.1353	0.019	-0.001	0.1353	0.002	0.000	0.1353	0.060	-0.001
0.2090	-0.010	0.005	0.2090	0.027	-0.001	0.2090	0.014	-0.003	0.2090	0.010	-0.003	0.2090	0.000	-0.001	0.2090	0.047	-0.001	0.2090	0.012	0.001	0.2090	0.001	-0.000	0.2090	0.048	-0.002
0.2500	-0.011	0.003	0.2500	0.023	-0.003	0.2500	0.012	-0.003	0.2500	0.010	-0.001	0.2500	-0.000	-0.001	0.2500	0.039	-0.003	0.2500	0.015	-0.004	0.2500	0.001	-0.000	0.2500	0.045	-0.002
0.3000	-0.010	0.002	0.3000	0.022	-0.003	0.3000	0.010	-0.002	0.3000	0.003	-0.000	0.3000	0.000	0.001	0.3000	0.034	-0.002	0.3000	0.006	-0.001	0.3000	0.001	0.000	0.3000	0.041	-0.002
0.3500	-0.008	0.001	0.3500	0.017	-0.003	0.3500	0.008	-0.001	0.3500	0.022	-0.005	0.3500	0.002	-0.000	0.3500	0.030	-0.002	0.3500	0.003	0.001	0.3500	-0.001	0.001	0.3500	0.039	-0.000
0.4000	-0.006	0.003	0.4000	0.015	-0.003	0.4000	0.008	-0.001	0.4000	0.016	-0.002	0.4000	0.002	-0.001	0.4000	0.027	-0.001	0.4000	0.008	0.001	0.4000	-0.000	-0.000	0.4000	0.036	-0.001
0.4500	-0.005	0.000	0.4500	0.012	0.000	0.4500	0.005	0.001	0.4500	0.011	0.002	0.4500	-0.001	0.001	0.4500	0.016	-0.000	0.4500	0.006	-0.002	0.4500	0.001	0.000	0.4500	0.023	-0.002
0.5000	-0.002	-0.001	0.5000	0.012	-0.002	0.5000	0.005	-0.002	0.5000	0.010	-0.002	0.5000	-0.001	-0.000	0.5000	0.021	-0.003	0.5000	0.005	-0.003	0.5000	0.004	-0.001	0.5000	0.031	-0.002
0.5950	-0.002	0.000	0.5950	0.006	-0.000	0.5950	0.003	0.001	0.5950	-0.002	0.001	0.5950	0.002	-0.001	0.5950	0.012	-0.002	0.5950	0.005	-0.002	0.5950	0.004	-0.000	0.5950	0.030	-0.007
0.7050	-0.001	-0.000	0.7050	-0.004	0.001	0.7050	-0.004	-0.000	0.7050	-0.004	0.002	0.7050	-0.002	0.001	0.7050	0.001	0.004	0.7050	0.003	-0.001	0.7050	-0.001	0.000	0.7050	0.015	-0.001
0.8000	0.004	0.000	0.8000	-0.003	0.002	0.8000	-0.005	0.003	0.8000	-0.009	0.002	0.8000	-0.006	0.002	0.8000	-0.007	0.000	0.8000	-0.007	-0.002	0.8000	-0.002	0.001	0.8000	0.014	-0.000
0.9000	0.011	-0.004	0.9000	-0.004	0.001	0.9000	0.001	0.001	0.9000	0.007	0.002	0.9000	0.007	-0.002	0.9000	-0.004	0.001	0.9000	-0.004	0.003	0.9000	-0.003	0.002	0.9000	0.005	0.001
0.9500	0.007	-0.004	0.9500	-0.008	-0.003	0.9500	-0.006	-0.001	0.9500	-0.001	-0.002	0.9500	0.004	-0.005	0.9500	0.002	0.001	0.9500	-0.002	0.000	0.9500	0.001	-0.001	0.9500	0.006	0.000
0.9900	-0.006	0.002	0.9900	-0.004	0.002	0.9900	0.000	-0.000	0.9900	-0.031	-0.003	0.9900	-0.003	-0.001	0.9900	-0.023	-0.000	0.9900	-0.003	-0.003	0.9900	0.002	-0.001	0.9900	-0.002	-0.000
1.0000	-0.011	0.005	1.0000	-0.002	0.005	1.0000	0.003	-0.000	1.0000	-0.042	-0.003	1.0000	-0.006	0.001	1.0000	-0.034	-0.001	1.0000	-0.004	-0.005	1.0000	0.002	-0.001	1.0000	-0.005	-0.000
M = 0.701 α = -00.25			M = 0.697 α = 11.74			M = 0.954 α = 03.83			M = 1.097 α = 04.03			M = 1.302 α = 03.93			M = 1.303 α = 15.82			M = 1.903 α = 03.98			M = 2.235 α = 04.23			M = 2.220 α = 16.22		
0.0000	0.007	0.005	0.0000	0.105	0.011	0.0000	0.036	-0.019	0.0000	0.040	-0.005	0.0000	0.029	-0.011	0.0000	0.100	-0.030	0.0000	0.033	-0.026	0.0000	0.023	-0.036	0.0000	0.116	-0.033
0.0500	0.002	0.001	0.0500	0.077	-0.003	0.0500	0.026	-0.005	0.0500	0.029	0.000	0.0500	0.024	-0.001	0.0500	0.104	-0.004	0.0500	0.029	-0.002	0.0500	0.026	-0.002	0.0500	0.111	-0.003
0.1000	0.001	0.001	0.1000	0.059	-0.005	0.1000	0.020	0.000	0.1000	0.021	0.002	0.1000	0.021	0.001	0.1000	0.094	0.003	0.1000	0.024	0.006	0.1000	0.023	0.008	0.1000	0.099	0.006
0.1353	0.002	0.002	0.1353	0.052	-0.001	0.1353	0.018	-0.001	0.1353	0.018	0.001	0.1353	0.019	-0.003	0.1353	0.078	-0.003	0.1353	0.019	0.001	0.1353	0.018	-0.000	0.1353	0.086	-0.002
0.2090	0.001	-0.000	0.2090	0.040	-0.003	0.2090	0.015	-0.001	0.2090	0.014	-0.002	0.2090	0.013	-0.002	0.2090	0.062	-0.005	0.2090	0.013	-0.002	0.2090	0.014	-0.000	0.2090	0.075	-0.002
0.2500	0.001	-0.001	0.2500	0.025	-0.014	0.2500	0.010	-0.003	0.2500	0.014	-0.002	0.2500	0.010	-0.003	0.2500	0.056	-0.004	0.2500	0.013	0.000	0.2500	0.012	-0.001	0.2500	0.070	-0.003
0.3000	0.001	-0.000	0.3000	0.030	-0.006	0.3000	0.010	-0.001	0.3000	0.013	0.002	0.3000	0.011	-0.004	0.3000	0.051	-0.003	0.3000	0.012	0.000	0.3000	0.012	0.000	0.3000	0.066	-0.002
0.3500	0.001	-0.001	0.3500	0.030	-0.004	0.3500	0.010	-0.001	0.3500	0.010	0.002	0.3500	0.009	-0.003	0.3500	0.046	-0.002	0.3500	0.014	0.001	0.3500	0.009	0.000	0.3500	0.064	-0.002
0.4000	0.001	-0.000	0.4000	0.024	-0.003	0.4000	0.007	-0.001	0.4000	0.002	0.001	0.4000	0.008	-0.003	0.4000	0.043	-0.001	0.4000	0.009	0.000	0.4000	0.009	-0.000	0.4000	0.059	-0.002
0.4500	0.000	0.001	0.4500	0.017	0.002	0.4500	0.009	0.000	0.4500	-0.003	0.003	0.4500	0.003	-0.001	0.4500	0.029	0.001	0.4500	0.006	0.001	0.4500	0.007	0.000	0.4500	0.049	-0.002
0.5000	0.001	-0.001	0.5000	0.014	-0.002	0.5000	0.005	-0.002	0.5000	0.009	-0.002	0.5000	0.004	-0.003	0.5000	0.035	-0.000	0.5000	0.007	-0.002	0.5000	0.009	-0.000	0.5000	0.053	-0.002
0.5950	0.001	0.000	0.5950	0.007	-0.001	0.5950	0.003	0.001	0.5950	0.015	-0.001	0.5950	0.005	-0.001	0.5950	0.029	0.003	0.5950	0.004	-0.001	0.5950	0.007	0.001	0.5950	0.051	-0.001
0.7050	-0.002	0.001	0.7050	-0.001	-0.000	0.7050	-0.003	0.002	0.7050	0.002	-0.000	0.7050	-0.003	0.001	0.7050	0.013	0.003	0.7050	-0.002	-0.001	0.7050	-0.000	0.000	0.7050	0.035	-0.001
0.8000	-0.001	0.001	0.8000	-0.003	0.002	0.8000	-0.007	0.003	0.8000	-0.015	-0.000	0.8000	-0.007	0.002	0.8000	0.004	0.001	0.8000	-0.006	-0.000	0.8000	-0.003	-0.001	0.8000	0.032	-0.003
0.9000	0.003	-0.001	0.9000	-0.001	0.002	0.9000	0.001	0.001	0.9000	0.002	-0.000	0.9000	0.002	0.001	0.9000	0.003	0.003	0.9000	-0.004	0.001	0.9000	-0.003	0.001	0.9000	0.019	0.002
0.9500	0.000	-0.002	0.9500	-0.008	-0.001	0.9500	-0.009	-0.002	0.9500	0.000	-0.000	0.9500	-0.001	-0.002	0.9500	-0.004	0.000	0.9500	-0.004	0.001	0.9500	-0.001	-0.000	0.9500	0.017	-0.001
0.9900	-0.005	-0.000	0.9900	-0.009	0.001	0.9900	0.002	-0.001	0.9900	-0.028	-0.002	0.9900	-0.023	0.002	0.9900	-0.020	-0.001	0.9900	-0.006	0.000	0.9900	-0.004	-0.001	0.9900	0.009	0.000
1.0000	-0.006	0.001	1.0000	-0.008	0.003	1.0000	0.007	0.000	1.0000	-0.039	-0.003	1.0000	-0.031	0.004	1.0000	-0.026	-0.002	1.0000	-0.007	-0.000	1.0000	-0.005	-0.001	1.0000	0.005	0.001
M = 0.700 α = 03.73			M = 0.699 α = 15.72			M = 1.004 α = 03.93			M = 1.301 α = -04.13			M = 1.303 α = 07.86			M = 1.499 α = 03.83			M = 2.225 α = -03.78			M = 2.230 α = 08.21					
0.0000	0.037	0.002	0.0000	0.145	-0.008	0.0000	0.045	-0.009	0.0000	-0.019	0.005	0.0000	0.065	-0.019	0.0000	0.033	-0.004	0.0000	-0.045	-0.034	0.0000	0.067	-0.035			
0.0500	0.026	-0.000	0.0500	0.102	-0.004	0.0500	0.028	-0.001	0.0500	-0.022	0.004	0.0500	0.050	-0.001	0.0500	0.025	0.001	0.0500	-0.023	-0.001	0.0500	0.054	-0.002			
0.1000	0.020	-0.002	0.1000	0.077	-0.003	0.1000	0.020	-0.001	0.1000	-0.020	0.003	0.1000	0.041	0.002	0.1000	0.020	0.001	0.1000	-0.013	0.008	0.1000	0.043	0.007			
0.1353	0.019	-0.002	0.1353	0.070	-0.004	0.1353	0.020	-0.005	0.1353	-0.017	0.004	0.1353	0.037	-0.005	0.1353	0.019	-0.001	0.1353	-0.014	-0.000	0.1353	0.036	-0.000			
0.2090	0.013	-0.003	0.2090	0.058	-0.001	0.2090	0.015	-0.006	0.2090	-0.011	0.002	0.2090	0.026	-0.000	0.2090	0.011	-0.001	0.2090	-0.011	-0.000	0.2090	0.028	-0.001			
0.2500	0.012	-0.002	0.2500	0.048	-0.003	0.2500	0.014	-0.009	0.2500	-0.011	0.003	0.2500	0.027	-0.002	0.2500	0.012	-0.001	0.2500	-0.011	-0.000	0.2500	0.026	-0.001			
0.3000	0.011	-0.000	0.3000	0.041	-0.002	0.3000	0.011	-0.002	0.3000	-0.011	0.003	0.3000	0.023	-0.001	0.3000	0.014	0.000	0.3000	-0.010	0.001	0.3000	0.024	-0.000			
0.3500	0.009	-0.001	0.3500	0.037	-0.001	0.3500	0.009	-0.002	0.3500	-0.005	0.001	0.3500	0.016	-0.003	0.3500	0.010	-0.000	0.3500	-0.010	-0.000	0.3500	0.022	-0.000			
0.4000	0.008	-0.001	0.4000	0.032	-0.003	0.4000	0.007	-0.002	0.4000	-0.007	-0.001	0.4000	0.017	-0.002	0.4000	0.008	0.000	0.4000	-0.008	-0.001	0.4000	0.019	-0.001			
0.4500	0.006	-0.001	0.4500	0.013	-0.003	0.4500	0.007	0.000	0.4500	-0.006	0.000	0.4500	0.012	-0.001	0.4500	0.006	0.001	0.4500	-0.004	0.001	0.4500	0.014	-0.001			
0.5000	0.004	-0.001	0.5000	0.023	-0.002	0.5000	0.004	-0.001	0.5000	-0.005	-0.001	0.5000	0.012	-0.001	0.5000	0.002	-0.002	0.5000	-0.001	-0.000	0.5000	0.017	-0.001			
0.5950	0.002	-0.000	0.5950	0.015	-0.002	0.5950	0.002	0.001	0.5950	-0.000	-0.002	0.5950	0.007	-0.002	0.5950	0.001	-0.000	0.5950	0.001	0.000	0.5950	0.012	-0.000			
0.7050	-0.004	0.001	0.7050	0.010	-0.004	0.7050	-0.002	0.000	0.7050	0.000	0.003	0.7050	-0.002	0.002	0.7050	0.003	0.001	0.7050	-0.002	-0.000	0.7050	0.003	-0.001			
0.8000	-0.005	0.004	0.8000	0.001	0.009	0.8000	-0.012	0.002	0.8000	-0.002	0.003	0.8000	-0.009	0.003	0.8000	-0.006	0.002	0.8000	0.001	-0.001	0.8000	0.000	-0.001			
0.9000	-0.000	0.000	0.9000	-0.002	0.006	0.9000	0.005	0.001	0.9000	0.011	-0.004	0.9000	-0.004	0.000	0.9000	-0.002	0.003	0.9000	0.003	0.001	0.9000	-0.001	0.002			
0.9500	-0.005	-0.000	0.9500	-0.008	0.001	0.9500	-0.012	-0.002	0.9500	0.009	-0.005	0.9500	0.000	-0.000	0.9500	-0.001	-0.000	0.9500	0.007	-0.000	0.9500	-0.003	0.001			
0.9900	-0.003	0.002	0.9900	-0.007	-0.002	0.9900	-0.005	0.000	0.9900	0.018	-0.008	0.9900	-0.024	0.001	0.9900	-0.013	0.000	0.9900	0.008	-0.000	0.9900	-0.006	0.000			
1.0000	-0.002	0.003	1.0000	-0.006	-0.003	1.0000	-0.001	0.002	1.0000	0.021	-0.005	1.0000	-0.033	0.002	1.0000	-0.018	0.001	1.0000	0.008	-0.000	1.0000	-0.007	0.000			

TABLE VIII.- SECTION COEFFICIENTS FOR THE BODY WITH THE MODEL AT 0° SIDESLIP - Continued
(h) BVC $\delta = -0.1°$

x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}
M = 0.701			M = 0.695			M = 0.902			M = 1.049			M = 1.303			M = 1.305			M = 1.702			M = 2.229			M = 2.227		
α = -04.08			α = 07.81			α = 03.73			α = 03.93			α = -00.15			α = 11.94			α = 03.73			α = 00.35			α = 12.19		
0.0000	0.011	-0.010	0.0000	-0.027	0.000	0.0000	0.000	-0.007	0.0000	0.000	-0.009	0.0000	-0.011	0.002	0.0000	-0.003	-0.012	0.0000	0.029	-0.026	0.0000	-0.004	-0.030	0.0000	0.081	-0.023
0.0500	-0.027	0.001	0.0500	0.062	-0.001	0.0500	0.029	0.000	0.0500	0.026	0.000	0.0500	-0.001	0.002	0.0500	0.076	-0.002	0.0500	0.028	-0.003	0.0500	0.001	-0.000	0.0500	0.079	-0.002
0.1000	-0.047	0.005	0.1000	0.102	-0.001	0.1000	0.045	0.001	0.1000	0.040	0.001	0.1000	0.001	0.001	0.1000	0.120	-0.001	0.1000	0.030	0.003	0.1000	0.001	0.008	0.1000	0.082	0.004
0.1353	-0.050	0.003	0.1353	0.100	0.000	0.1353	0.050	-0.001	0.1353	0.044	-0.003	0.1353	-0.003	-0.000	0.1353	0.129	-0.005	0.1353	0.033	-0.002	0.1353	-0.001	0.000	0.1353	0.086	-0.002
0.2090	-0.027	0.001	0.2090	0.057	-0.002	0.2090	0.041	-0.002	0.2090	0.036	-0.001	0.2090	-0.002	-0.000	0.2090	0.130	-0.004	0.2090	0.030	0.001	0.2090	-0.002	0.000	0.2090	0.084	-0.003
0.2500	-0.012	0.000	0.2500	0.026	0.000	0.2500	0.008	0.000	0.2500	0.013	0.003	0.2500	-0.001	0.002	0.2500	0.097	-0.000	0.2500	0.028	-0.002	0.2500	-0.003	-0.001	0.2500	0.075	-0.001
0.3000	-0.008	0.000	0.3000	0.018	-0.000	0.3000	0.007	0.001	0.3000	0.008	-0.000	0.3000	-0.001	0.003	0.3000	0.034	-0.002	0.3000	0.016	-0.000	0.3000	-0.001	0.001	0.3000	0.057	-0.000
0.3500	-0.006	-0.000	0.3500	0.014	0.000	0.3500	0.007	0.000	0.3500	0.010	-0.000	0.3500	0.001	-0.001	0.3500	0.011	0.001	0.3500	0.006	0.001	0.3500	-0.003	0.000	0.3500	0.043	0.000
0.4000	-0.005	-0.000	0.4000	0.013	-0.000	0.4000	0.006	-0.000	0.4000	0.009	-0.001	0.4000	0.002	-0.001	0.4000	0.014	-0.000	0.4000	-0.001	0.001	0.4000	-0.002	-0.001	0.4000	0.036	-0.001
0.4500	-0.003	0.001	0.4500	0.009	0.000	0.4500	0.006	-0.000	0.4500	0.006	0.000	0.4500	-0.000	0.000	0.4500	0.010	0.002	0.4500	0.002	-0.001	0.4500	0.002	0.000	0.4500	0.023	-0.002
0.5000	-0.002	-0.001	0.5000	0.009	-0.002	0.5000	0.005	-0.001	0.5000	0.005	-0.001	0.5000	-0.000	-0.000	0.5000	0.011	-0.003	0.5000	0.002	-0.003	0.5000	0.004	-0.002	0.5000	0.019	-0.002
0.5950	-0.001	-0.000	0.5950	0.005	0.001	0.5950	0.002	0.001	0.5950	0.001	0.001	0.5950	0.002	-0.000	0.5950	0.011	-0.001	0.5950	0.003	-0.001	0.5950	0.003	-0.000	0.5950	0.016	-0.001
0.7050	-0.002	-0.000	0.7050	-0.001	0.000	0.7050	-0.003	0.000	0.7050	-0.002	0.002	0.7050	-0.002	0.002	0.7050	0.002	0.002	0.7050	0.002	-0.001	0.7050	-0.001	-0.000	0.7050	0.008	-0.000
0.8000	0.003	-0.000	0.8000	-0.004	0.003	0.8000	-0.004	0.000	0.8000	-0.006	0.001	0.8000	-0.008	0.001	0.8000	-0.011	0.000	0.8000	-0.007	-0.000	0.8000	-0.001	0.000	0.8000	0.012	-0.001
0.9000	0.010	-0.001	0.9000	-0.003	-0.001	0.9000	0.003	0.000	0.9000	0.003	0.000	0.9000	0.011	-0.002	0.9000	-0.002	0.001	0.9000	-0.002	0.002	0.9000	-0.000	0.000	0.9000	0.007	0.001
0.9500	0.004	-0.003	0.9500	-0.008	-0.001	0.9500	-0.004	-0.002	0.9500	0.000	-0.001	0.9500	0.004	-0.001	0.9500	0.004	0.001	0.9500	-0.000	0.001	0.9500	0.003	-0.001	0.9500	0.009	0.000
0.9900	-0.005	-0.001	0.9900	-0.008	0.003	0.9900	-0.001	-0.001	0.9900	-0.020	-0.002	0.9900	-0.004	-0.003	0.9900	-0.023	-0.004	0.9900	-0.006	0.001	0.9900	0.003	-0.002	0.9900	0.001	-0.000
1.0000	-0.007	0.000	1.0000	-0.007	0.004	1.0000	0.001	0.000	1.0000	-0.028	-0.002	1.0000	-0.006	-0.004	1.0000	-0.034	-0.005	1.0000	-0.008	0.001	1.0000	0.002	-0.002	1.0000	-0.003	-0.001
M = 0.695			M = 0.697			M = 0.956			M = 1.101			M = 1.304			M = 1.302			M = 1.912			M = 2.230			M = 2.230		
α = -00.25			α = 11.79			α = 03.83			α = 03.93			α = 03.73			α = 15.87			α = 04.03			α = 04.42			α = 16.22		
0.0000	0.003	-0.003	0.0000	-0.053	-0.008	0.0000	0.002	-0.007	0.0000	-0.006	-0.008	0.0000	0.019	-0.008	0.0000	0.008	-0.012	0.0000	0.023	-0.013	0.0000	0.024	-0.031	0.0000	0.111	-0.039
0.0500	0.001	0.001	0.0500	0.094	-0.003	0.0500	0.028	0.000	0.0500	0.026	0.001	0.0500	0.024	0.001	0.0500	0.107	-0.003	0.0500	0.026	-0.000	0.0500	0.025	-0.002	0.0500	0.109	-0.003
0.1000	-0.001	0.003	0.1000	0.163	-0.003	0.1000	0.044	0.001	0.1000	0.041	0.001	0.1000	0.032	0.002	0.1000	0.165	-0.004	0.1000	0.029	0.003	0.1000	0.025	0.006	0.1000	0.113	0.006
0.1353	-0.002	0.002	0.1353	0.165	-0.006	0.1353	0.049	-0.002	0.1353	0.040	-0.004	0.1353	0.039	-0.002	0.1353	0.181	-0.010	0.1353	0.031	0.001	0.1353	0.026	-0.000	0.1353	0.119	-0.004
0.2090	-0.000	-0.000	0.2090	0.089	-0.004	0.2090	0.039	-0.002	0.2090	0.045	-0.000	0.2090	0.035	-0.000	0.2090	0.176	-0.004	0.2090	0.031	-0.002	0.2090	0.025	-0.001	0.2090	0.119	-0.005
0.2500	0.000	0.001	0.2500	0.039	-0.001	0.2500	0.013	0.002	0.2500	0.025	0.004	0.2500	0.028	0.002	0.2500	0.129	-0.001	0.2500	0.026	-0.001	0.2500	0.021	-0.002	0.2500	0.107	-0.002
0.3000	0.000	0.000	0.3000	0.028	-0.000	0.3000	0.005	0.000	0.3000	0.002	0.001	0.3000	0.011	0.000	0.3000	0.054	-0.003	0.3000	0.017	0.000	0.3000	0.017	0.001	0.3000	0.080	-0.001
0.3500	0.001	0.000	0.3500	0.024	-0.000	0.3500	0.006	0.000	0.3500	-0.002	0.001	0.3500	0.002	-0.000	0.3500	0.030	0.001	0.3500	0.012	-0.000	0.3500	0.010	0.001	0.3500	0.067	-0.001
0.4000	0.001	-0.001	0.4000	0.023	-0.000	0.4000	0.006	-0.000	0.4000	0.000	0.000	0.4000	0.003	-0.001	0.4000	0.018	-0.000	0.4000	0.007	0.000	0.4000	0.007	0.000	0.4000	0.057	-0.001
0.4500	0.002	0.001	0.4500	0.017	0.001	0.4500	0.006	-0.001	0.4500	0.004	0.000	0.4500	0.003	-0.000	0.4500	0.017	0.001	0.4500	0.005	0.002	0.4500	0.004	-0.001	0.4500	0.043	-0.003
0.5000	0.001	-0.001	0.5000	0.018	0.000	0.5000	0.004	-0.001	0.5000	0.011	-0.002	0.5000	0.003	-0.000	0.5000	0.024	-0.002	0.5000	0.005	-0.001	0.5000	0.006	-0.002	0.5000	0.040	-0.003
0.5950	0.000	0.000	0.5950	0.011	0.001	0.5950	0.003	0.001	0.5950	0.007	0.002	0.5950	0.004	0.000	0.5950	0.014	0.000	0.5950	0.003	-0.000	0.5950	0.005	0.001	0.5950	0.037	-0.001
0.7050	-0.003	0.001	0.7050	0.000	0.004	0.7050	-0.003	0.001	0.7050	-0.000	0.000	0.7050	-0.002	0.002	0.7050	0.009	0.005	0.7050	-0.002	-0.000	0.7050	-0.001	-0.000	0.7050	0.027	-0.001
0.8000	-0.001	0.001	0.8000	-0.006	0.002	0.8000	-0.004	0.002	0.8000	-0.020	0.001	0.8000	-0.008	0.001	0.8000	0.013	0.002	0.8000	-0.004	-0.001	0.8000	-0.002	-0.000	0.8000	0.029	-0.001
0.9000	0.005	-0.000	0.9000	-0.002	0.001	0.9000	0.002	0.000	0.9000	0.009	0.000	0.9000	0.009	-0.000	0.9000	0.009	0.003	0.9000	-0.002	0.001	0.9000	-0.002	0.001	0.9000	0.012	-0.001
0.9500	0.001	-0.002	0.9500	-0.006	-0.001	0.9500	-0.004	-0.003	0.9500	0.005	-0.001	0.9500	-0.000	-0.001	0.9500	0.002	0.001	0.9500	-0.003	0.001	0.9500	-0.001	-0.000	0.9500	0.017	-0.000
0.9900	-0.003	0.000	0.9900	-0.004	-0.002	0.9900	-0.000	-0.001	0.9900	-0.019	-0.002	0.9900	-0.022	-0.002	0.9900	-0.016	-0.001	0.9900	-0.007	-0.001	0.9900	-0.002	-0.000	0.9900	0.010	-0.001
1.0000	-0.004	0.001	1.0000	-0.003	-0.002	1.0000	0.002	-0.000	1.0000	-0.028	-0.002	1.0000	-0.029	-0.002	1.0000	-0.023	-0.002	1.0000	-0.008	-0.001	1.0000	-0.003	-0.000	1.0000	0.006	-0.002
M = 0.697			M = 0.699			M = 0.999			M = 1.303			M = 1.304			M = 1.498			M = 2.229			M = 2.233					
α = 03.78			α = 15.67			α = 03.93			α = -04.18			α = 07.86			α = 03.78			α = -03.68			α = 08.21					
0.0000	-0.003	-0.005	0.0000	-0.091	0.010	0.0000	0.001	-0.010	0.0000	-0.001	-0.017	0.0000	0.021	-0.022	0.0000	0.023	-0.004	0.0000	-0.043	-0.035	0.0000	0.061	-0.031			
0.0500	0.030	0.000	0.0500	0.130	-0.002	0.0500	0.027	0.000	0.0500	-0.023	0.001	0.0500	0.050	-0.001	0.0500	0.025	-0.000	0.0500	-0.022	-0.001	0.0500	0.053	-0.002			
0.1000	0.046	0.001	0.1000	0.229	-0.007	0.1000	0.043	0.002	0.1000	-0.039	0.006	0.1000	0.073	0.003	0.1000	0.030	0.000	0.1000	-0.017	0.009	0.1000	0.052	0.006			
0.1353	0.047	-0.001	0.1353	0.226	-0.007	0.1353	0.048	-0.002	0.1353	-0.047	0.000	0.1353	0.085	-0.004	0.1353	0.037	-0.002	0.1353	-0.023	0.001	0.1353	0.055	-0.001			
0.2090	0.027	-0.002	0.2090	0.121	-0.005	0.2090	0.040	-0.001	0.2090	-0.043	0.002	0.2090	0.078	-0.001	0.2090	0.032	-0.001	0.2090	-0.024	0.001	0.2090	0.053	-0.002			
0.2500	0.012	0.000	0.2500	0.050	-0.000	0.2500	0.014	0.003	0.2500	-0.032	0.001	0.2500	0.064	-0.000	0.2500	0.027	-0.000	0.2500	-0.024	-0.001	0.2500	0.047	-0.002			
0.3000	0.008	0.000	0.3000	0.041	0.000	0.3000	0.004	0.000	0.3000	-0.013	-0.001	0.3000	0.021	-0.001	0.3000	0.016	0.001	0.3000	-0.017	0.001	0.3000	0.037	0.000			
0.3500	0.008	0.000	0.3500	0.037	0.000	0.3500	0.007	0.000	0.3500	0.003	-0.001	0.3500	0.005	-0.001	0.3500	0.007	-0.000	0.3500	-0.013	-0.001	0.3500	0.026	0.001			
0.4000	0.007	-0.000	0.4000	0.033	0.001	0.4000	0.006	-0.000	0.4000	-0.002	-0.001	0.4000	0.007	-0.002	0.4000	0.003	0.001	0.4000	-0.007	-0.001	0.4000	0.019	-0.000			
0.4500	0.006	-0.000	0.4500	0.019	0.002	0.4500	0.007	-0.002	0.4500	-0.005	0.002	0.4500	0.008	0.001	0.4500	0.003	0.001	0.4500	0.000	0.001	0.4500	0.009	-0.001			
0.5000	0.004	-0.001	0.5000	0.020	0.000	0.5000	0.002	-0.001	0.5000	-0.003	0.000	0.5000	0.006	-0.001	0.5000	0.001	0.001	0.5000	0.003	-0.000	0.5000	0.010	-0.003			
0.5950	0.002	0.001	0.5950	0.011	0.002	0.5950	0.004	0.001	0.5950	0.000	-0.001	0.5950	0.006	-0.001	0.5950	-0.000	-0.001	0.5950	0.004	0.000	0.5950	0.008	0.001			
0.7050	-0.003	0.001	0.7050	0.001	0.002	0.7050	-0.000	0.001	0.7050	-0.001	0.001	0.7050	-0.003	0.001	0.7050	0.003	0.001	0.7050	-0.001	-0.001	0.7050	0.001	-0.001			
0.8000	-0.003	0.000	0.8000	0.003	0.002	0.8000	-0.010	0.001	0.8000	-0.005	0.001	0.8000	-0.008	0.003	0.8000	-0.007	0.000	0.8000	0.003	-0.001	0.8000	-0.001	-0.000			
0.9000	0.001	-0.000	0.9000	0.008	0.002	0.9000	0.004	-0.000	0.9000	0.011	-0.001	0.9000	0.001	0.001	0.9000	0.000	0.002	0.9000	0.001	0.001	0.9000	-0.005	0.002			
0.9500	-0.003	-0.001	0.9500	-0.004	-0.000	0.9500	-0.009	0.000	0.9500	0.008	-0.002	0.9500	-0.004	-0.001	0.9500	0.002	0.001	0.9500	0.006	0.000	0.9500	-0.001	0.000			
0.9900	-0.005	0.002	0.9900	-0.005	-0.002	0.9900	-0.001	-0.000	0.9900	0.015	-0.005	0.9900	-0.029	-0.001	0.9900	-0.010	-0.000	0.9900	0.006	-0.000	0.9900	-0.005	0.000			
1.0000	-0.005	0.003	1.0000	-0.004	-0.002	1.0000	0.004	-0.000	1.0000	0.018	-0.006	1.0000	-0.039	-0.001	1.0000	-0.015	-0.000	1.0000	0.005	-0.000	1.0000	-0.006	0.000			

TABLE VIII.- SECTION COEFFICIENTS FOR THE BODY WITH THE MODEL AT 0° SIDESLIP - Continued
(i) BVC $\delta = 9.7°$

x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}
M = 0.699 α = -04.28			M = 0.696 α = 07.85			M = 0.901 α = 03.73			M = 1.047 α = 03.93			M = 1.305 α = -00.10			M = 1.303 α = 11.89			M = 1.697 α = 03.78			M = 2.224 α = 00.25			M = 2.236 α = 12.24		
0.0000	-0.043	-0.009	0.0000	-0.027	-0.076	0.0000	-0.026	-0.032	0.0000	-0.019	-0.029	0.0000	0.006	-0.017	0.0000	0.253	-0.071	0.0000	0.134	-0.061	0.0000	0.040	-0.027	0.0000	0.212	-0.079
0.0500	-0.024	0.001	0.0500	0.067	-0.001	0.0500	0.030	0.000	0.0500	0.025	0.001	0.0500	-0.001	0.002	0.0500	0.076	-0.002	0.0500	0.028	-0.003	0.0500	0.001	-0.001	0.0500	0.082	-0.002
0.1000	-0.008	0.004	0.1000	0.153	0.009	0.1000	0.083	0.007	0.1000	0.072	0.007	0.1000	0.017	0.007	0.1000	0.088	0.014	0.1000	0.020	0.012	0.1000	-0.001	0.006	0.1000	0.059	0.017
0.1353	0.002	0.001	0.1353	0.209	-0.024	0.1353	0.119	-0.004	0.1353	0.107	-0.003	0.1353	0.043	0.003	0.1353	0.211	-0.007	0.1353	0.073	-0.005	0.1353	0.019	-0.001	0.1353	0.107	-0.005
0.2090	-0.016	0.001	0.2090	0.060	-0.011	0.2090	0.060	-0.002	0.2090	0.053	-0.005	0.2090	0.036	-0.004	0.2090	0.165	-0.015	0.2090	0.064	-0.004	0.2090	0.020	-0.003	0.2090	0.117	-0.009
0.2500	-0.004	-0.000	0.2500	0.021	-0.001	0.2500	0.010	0.004	0.2500	0.071	0.001	0.2500	0.012	-0.001	0.2500	0.098	-0.003	0.2500	0.046	-0.003	0.2500	0.014	-0.000	0.2500	0.088	-0.001
0.3000	-0.011	0.000	0.3000	0.003	0.000	0.3000	-0.006	0.001	0.3000	-0.015	0.000	0.3000	0.006	0.003	0.3000	0.010	-0.001	0.3000	0.026	0.003	0.3000	0.012	-0.000	0.3000	0.062	0.002
0.3500	-0.009	-0.000	0.3500	0.005	-0.000	0.3500	-0.004	-0.000	0.3500	-0.005	-0.000	0.3500	-0.012	0.000	0.3500	-0.007	-0.001	0.3500	0.001	0.001	0.3500	0.007	0.001	0.3500	0.036	-0.000
0.4000	-0.009	-0.000	0.4000	0.011	-0.000	0.4000	-0.000	0.001	0.4000	0.005	0.000	0.4000	-0.010	-0.000	0.4000	-0.002	0.000	0.4000	-0.012	0.001	0.4000	-0.002	-0.001	0.4000	0.027	0.001
0.4500	-0.005	0.002	0.4500	0.010	-0.002	0.4500	0.001	-0.000	0.4500	0.002	0.002	0.4500	-0.006	0.001	0.4500	0.015	-0.004	0.4500	-0.005	0.000	0.4500	-0.001	0.000	0.4500	0.013	0.001
0.5000	-0.005	0.000	0.5000	0.011	-0.002	0.5000	0.002	-0.001	0.5000	0.001	-0.002	0.5000	-0.005	0.000	0.5000	0.022	-0.004	0.5000	-0.004	-0.001	0.5000	-0.001	-0.000	0.5000	0.011	-0.006
0.5950	-0.002	0.002	0.5950	0.008	-0.001	0.5950	0.001	-0.000	0.5950	0.001	0.001	0.5950	-0.001	0.000	0.5950	0.012	-0.002	0.5950	0.001	-0.000	0.5950	-0.000	0.001	0.5950	0.017	-0.004
0.7050	-0.001	0.001	0.7050	0.004	-0.000	0.7050	0.000	0.001	0.7050	-0.005	0.001	0.7050	-0.002	0.003	0.7050	0.008	-0.000	0.7050	0.003	-0.001	0.7050	-0.003	0.001	0.7050	0.009	0.002
0.8000	0.006	-0.000	0.8000	0.004	0.001	0.8000	0.002	0.001	0.8000	-0.002	-0.000	0.8000	-0.006	0.001	0.8000	-0.001	0.004	0.8000	-0.004	-0.000	0.8000	-0.002	0.002	0.8000	-0.001	0.001
0.9000	0.013	-0.003	0.9000	0.004	0.000	0.9000	0.009	-0.001	0.9000	0.007	-0.002	0.9000	0.008	-0.003	0.9000	-0.008	0.003	0.9000	0.002	0.001	0.9000	0.001	0.000	0.9000	0.005	-0.004
0.9500	0.007	-0.004	0.9500	-0.004	-0.002	0.9500	0.004	-0.001	0.9500	0.010	-0.003	0.9500	0.007	-0.005	0.9500	-0.003	0.001	0.9500	0.005	0.001	0.9500	0.004	-0.001	0.9500	0.007	0.002
0.9900	-0.008	0.004	0.9900	-0.003	-0.001	0.9900	-0.007	0.001	0.9900	-0.008	-0.001	0.9900	0.011	-0.006	0.9900	-0.031	0.003	0.9900	-0.001	-0.002	0.9900	0.006	-0.001	0.9900	0.001	-0.001
1.0000	-0.014	0.007	1.0000	-0.001	-0.001	1.0000	-0.011	0.002	1.0000	-0.015	0.000	1.0000	0.013	-0.006	1.0000	-0.042	0.005	1.0000	-0.004	-0.004	1.0000	0.006	-0.000	1.0000	-0.002	-0.003
M = 0.697 α = -00.06			M = 0.699 α = 11.79			M = 0.954 α = 03.73			M = 1.101 α = 03.79			M = 1.304 α = 04.03			M = 1.302 α = 15.87			M = 1.904 α = 03.98			M = 2.231 α = 04.18			M = 2.233 α = 16.22		
0.0000	-0.032	-0.014	0.0000	-0.300	-0.161	0.0000	-0.022	-0.031	0.0000	-0.013	-0.038	0.0000	0.110	-0.050	0.0000	0.230	-0.092	0.0000	0.117	-0.044	0.0000	0.105	-0.043	0.0000	0.258	-0.089
0.0500	0.008	0.001	0.0500	0.094	-0.003	0.0500	0.028	0.000	0.0500	0.026	-0.000	0.0500	0.026	0.001	0.0500	0.105	-0.003	0.0500	0.026	-0.001	0.0500	0.024	-0.002	0.0500	0.112	-0.004
0.1000	0.040	0.005	0.1000	0.269	0.023	0.1000	0.081	0.006	0.1000	0.071	0.008	0.1000	0.038	0.013	0.1000	0.139	0.016	0.1000	0.018	0.010	0.1000	0.015	0.009	0.1000	0.083	0.018
0.1353	0.058	-0.000	0.1353	0.262	-0.039	0.1353	0.117	-0.004	0.1353	0.108	-0.003	0.1353	0.106	-0.000	0.1353	0.258	-0.014	0.1353	0.061	-0.002	0.1353	0.050	-0.002	0.1353	0.134	-0.004
0.2090	0.009	-0.002	0.2090	0.091	-0.015	0.2090	0.056	-0.005	0.2090	0.061	-0.006	0.2090	0.079	-0.006	0.2090	0.197	-0.019	0.2090	0.059	-0.006	0.2090	0.048	-0.004	0.2090	0.156	-0.012
0.2500	0.005	-0.001	0.2500	0.029	-0.004	0.2500	0.074	0.007	0.2500	0.039	-0.003	0.2500	0.044	-0.001	0.2500	0.129	-0.005	0.2500	0.042	-0.001	0.2500	0.037	-0.001	0.2500	0.116	-0.003
0.3000	-0.005	-0.000	0.3000	0.012	-0.001	0.3000	-0.019	0.001	0.3000	-0.011	0.003	0.3000	0.007	0.001	0.3000	0.010	-0.000	0.3000	0.031	0.000	0.3000	0.029	0.000	0.3000	0.079	-0.000
0.3500	-0.005	0.000	0.3500	0.011	-0.000	0.3500	-0.005	-0.000	0.3500	-0.014	0.000	0.3500	-0.018	0.003	0.3500	0.006	0.002	0.3500	0.008	0.000	0.3500	0.015	0.001	0.3500	0.057	-0.001
0.4000	-0.004	0.000	0.4000	0.018	0.001	0.4000	-0.000	0.000	0.4000	-0.006	0.002	0.4000	-0.007	-0.002	0.4000	0.019	-0.000	0.4000	-0.002	0.001	0.4000	0.005	0.000	0.4000	0.046	-0.000
0.4500	-0.005	0.003	0.4500	0.015	-0.006	0.4500	0.001	-0.000	0.4500	-0.009	0.003	0.4500	-0.002	0.000	0.4500	0.035	-0.002	0.4500	-0.001	0.002	0.4500	0.002	-0.000	0.4500	0.034	-0.003
0.5000	-0.004	0.001	0.5000	0.021	-0.005	0.5000	0.000	-0.000	0.5000	0.014	-0.004	0.5000	-0.001	0.000	0.5000	0.033	-0.004	0.5000	-0.000	-0.000	0.5000	0.001	-0.001	0.5000	0.039	-0.004
0.5950	-0.002	0.002	0.5950	0.016	-0.005	0.5950	0.001	0.001	0.5950	0.002	0.001	0.5950	0.002	-0.000	0.5950	0.022	-0.002	0.5950	0.001	-0.000	0.5950	0.002	0.000	0.5950	0.031	-0.002
0.7050	-0.003	0.001	0.7050	0.006	-0.000	0.7050	0.001	0.000	0.7050	0.002	-0.001	0.7050	0.002	0.003	0.7050	0.009	0.001	0.7050	-0.001	0.000	0.7050	-0.002	0.001	0.7050	0.024	0.001
0.8000	-0.001	0.002	0.8000	-0.003	0.003	0.8000	0.001	0.002	0.8000	-0.014	0.002	0.8000	-0.004	0.000	0.8000	-0.005	-0.004	0.8000	-0.001	0.000	0.8000	-0.002	0.002	0.8000	0.022	-0.001
0.9000	0.007	-0.001	0.9000	-0.003	0.001	0.9000	0.011	-0.001	0.9000	0.007	-0.000	0.9000	0.011	-0.001	0.9000	0.000	0.000	0.9000	-0.001	0.000	0.9000	-0.001	0.001	0.9000	0.017	-0.001
0.9500	0.004	-0.003	0.9500	-0.009	-0.001	0.9500	0.003	-0.003	0.9500	0.009	-0.005	0.9500	0.006	-0.001	0.9500	0.002	-0.001	0.9500	0.001	0.000	0.9500	0.002	-0.001	0.9500	0.011	-0.003
0.9900	-0.003	0.002	0.9900	-0.007	0.000	0.9900	-0.007	0.002	0.9900	-0.000	-0.000	0.9900	-0.004	-0.001	0.9900	-0.024	-0.000	0.9900	0.000	-0.001	0.9900	0.002	-0.002	0.9900	0.008	-0.002
1.0000	-0.005	0.004	1.0000	-0.006	0.001	1.0000	-0.011	0.005	1.0000	-0.005	0.002	1.0000	-0.008	-0.001	1.0000	-0.034	0.001	1.0000	-0.000	-0.001	1.0000	0.002	-0.003	1.0000	0.007	-0.001
M = 0.698 α = 03.83			M = 0.696 α = 15.72			M = 1.003 α = 03.88			M = 1.301 α = -04.13			M = 1.305 α = 07.91			M = 1.502 α = 03.83			M = 2.228 α = -03.88			M = 2.224 α = 08.21					
0.0000	-0.020	-0.034	0.0000	-0.325	-0.177	0.0000	-0.018	-0.032	0.0000	-0.024	-0.011	0.0000	0.188	-0.086	0.0000	0.127	-0.034	0.0000	-0.030	-0.030	0.0000	0.192	-0.055			
0.0500	0.037	0.001	0.0500	0.123	-0.004	0.0500	0.027	0.000	0.0500	-0.024	0.003	0.0500	0.050	-0.000	0.0500	0.025	0.000	0.0500	-0.023	-0.000	0.0500	0.054	-0.002			
0.1000	0.087	0.007	0.1000	0.322	0.025	0.1000	0.076	0.007	0.1000	-0.014	0.006	0.1000	0.061	0.017	0.1000	0.025	0.008	0.1000	-0.014	0.007	0.1000	0.032	0.011			
0.1353	0.117	-0.006	0.1353	0.312	-0.040	0.1353	0.114	-0.004	0.1353	-0.001	0.001	0.1353	0.159	-0.011	0.1353	0.086	-0.002	0.1353	-0.006	-0.001	0.1353	0.086	-0.002			
0.2090	0.037	-0.004	0.2090	0.137	-0.018	0.2090	0.059	-0.006	0.2090	-0.003	-0.001	0.2090	0.125	-0.009	0.2090	0.068	-0.008	0.2090	-0.003	-0.001	0.2090	0.078	-0.005			
0.2500	0.015	0.000	0.2500	0.043	-0.010	0.2500	0.070	0.002	0.2500	-0.013	-0.001	0.2500	0.074	-0.001	0.2500	0.046	-0.001	0.2500	-0.007	-0.001	0.2500	0.064	-0.001			
0.3000	-0.001	0.001	0.3000	0.024	0.001	0.3000	-0.019	0.002	0.3000	0.001	0.002	0.3000	0.009	0.002	0.3000	0.029	0.003	0.3000	-0.004	-0.000	0.3000	0.046	0.002			
0.3500	-0.000	0.001	0.3500	0.035	0.001	0.3500	-0.009	-0.000	0.3500	-0.008	-0.001	0.3500	-0.019	0.002	0.3500	-0.007	-0.000	0.3500	-0.005	0.000	0.3500	0.023	-0.000			
0.4000	0.002	-0.000	0.4000	0.038	0.001	0.4000	0.003	-0.000	0.4000	-0.011	-0.002	0.4000	-0.007	-0.003	0.4000	-0.011	0.001	0.4000	-0.004	-0.000	0.4000	0.014	-0.000			
0.4500	0.001	0.001	0.4500	0.026	0.000	0.4500	0.003	0.001	0.4500	-0.008	0.001	0.4500	0.013	-0.004	0.4500	-0.007	0.001	0.4500	-0.002	0.000	0.4500	0.004	0.001			
0.5000	0.002	-0.001	0.5000	0.030	-0.005	0.5000	-0.001	-0.001	0.5000	-0.006	-0.000	0.5000	0.010	-0.006	0.5000	-0.004	0.001	0.5000	-0.001	-0.000	0.5000	0.004	-0.001			
0.5950	0.002	0.000	0.5950	0.017	-0.001	0.5950	-0.005	0.004	0.5950	-0.002	-0.002	0.5950	0.005	-0.002	0.5950	-0.000	-0.001	0.5950	-0.001	0.000	0.5950	0.006	-0.001			
0.7050	-0.000	0.001	0.7050	-0.001	0.003	0.7050	0.011	-0.003	0.7050	-0.002	0.002	0.7050	0.003	0.001	0.7050	0.004	0.000	0.7050	-0.003	-0.000	0.7050	0.002	0.001			
0.8000	0.001	0.001	0.8000	-0.007	0.004	0.8000	-0.005	0.001	0.8000	-0.003	0.001	0.8000	-0.006	0.004	0.8000	-0.003	0.000	0.8000	0.001	-0.001	0.8000	-0.001	0.001			
0.9000	0.010	-0.001	0.9000	-0.001	0.007	0.9000	0.006	-0.002	0.9000	0.011	-0.005	0.9000	-0.003	-0.001	0.9000	0.006	0.003	0.9000	0.002	0.001	0.9000	-0.004	0.001			
0.9500	0.002	-0.002	0.9500	-0.007	0.002	0.9500	0.007	-0.002	0.9500	0.010	-0.003	0.9500	0.003	-0.003	0.9500	0.005	-0.003	0.9500	0.007	0.000	0.9500	-0.003	-0.001			
0.9900	-0.008	0.005	0.9900	-0.005	0.001	0.9900	-0.002	-0.001	0.9900	0.018	-0.006	0.9900	-0.023	0.007	0.9900	0.002	-0.001	0.9900	0.008	0.000	0.9900	-0.002	-0.001			
1.0000	-0.011	0.008	1.0000	-0.004	0.002	1.0000	-0.006	0.000	1.0000	0.022	-0.007	1.0000	-0.034	0.012	1.0000	0.001	0.000	1.0000	0.007	0.000	1.0000	-0.002	-0.000			

TABLE VIII.- SECTION COEFFICIENTS FOR THE BODY WITH THE MODEL AT 0° SIDESLIP - Continued
(j) BV_5

x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}
M= 0.698 α=-04.28			M= 0.700 α= 07.81			M= 0.902 α= 03.78			M= 1.053 α= 03.88			M= 1.302 α=-00.15			M= 1.304 α= 12.03			M= 1.704 α= 03.73			M= 2.234 α= 00.25			M= 2.231 α= 12.29		
0.0000	-0.032	-0.005	0.0000	0.073	-0.012	0.0000	0.039	-0.015	0.0000	0.025	-0.027	0.0000	-0.006	0.009	0.0000	0.056	-0.030	0.0000	0.035	-0.026	0.0000	-0.008	-0.033	0.0000	0.082	-0.034
0.0500	-0.025	0.001	0.0500	0.054	-0.001	0.0500	0.028	0.000	0.0500	0.023	-0.006	0.0500	0.001	0.003	0.0500	0.065	-0.016	0.0500	0.029	-0.002	0.0500	-0.002	-0.001	0.0500	0.078	-0.002
0.1000	-0.020	0.002	0.1000	0.041	0.001	0.1000	0.022	0.002	0.1000	0.018	-0.002	0.1000	0.002	-0.001	0.1000	0.061	-0.012	0.1000	0.022	0.004	0.1000		0.008	0.1000	0.068	0.007
0.1353	-0.017	-0.001	0.1353	0.037	-0.003	0.1353	0.021	-0.004	0.1353	0.013	-0.009	0.1353	-0.001	-0.002	0.1353	0.050	-0.014	0.1353	0.017	-0.001	0.1353	-0.002	-0.001	0.1353	0.056	-0.002
0.2090	-0.013	0.000	0.2090	0.029	-0.001	0.2090	0.016	-0.000	0.2090	0.013	-0.003	0.2090	-0.000	-0.003	0.2090	0.049	-0.005	0.2090	0.012	-0.000	0.2090	-0.002	-0.000	0.2090	0.046	-0.002
0.2500	-0.011	-0.000	0.2500	0.025	-0.001	0.2500	0.013	-0.000	0.2500	0.012	-0.004	0.2500	-0.001	-0.001	0.2500	0.040	-0.003	0.2500	0.014	-0.002	0.2500	-0.002	-0.000	0.2500	0.042	-0.001
0.3000	-0.011	0.000	0.3000	0.021	-0.000	0.3000	0.012	0.000	0.3000	0.011	-0.003	0.3000	0.001	0.000	0.3000	0.033	-0.003	0.3000	0.012	-0.001	0.3000	-0.002	0.001	0.3000	0.039	-0.001
0.3500	-0.009	0.000	0.3500	0.018	-0.001	0.3500	0.010	0.000	0.3500	0.011	-0.005	0.3500	0.001	-0.001	0.3500	0.028	-0.002	0.3500	0.011	0.001	0.3500	-0.003	0.001	0.3500	0.037	-0.001
0.4000	-0.007	-0.001	0.4000	0.015	-0.001	0.4000	0.008	-0.000	0.4000	0.009	-0.003	0.4000	0.001	-0.001	0.4000	0.029	-0.002	0.4000	0.007	-0.000	0.4000	-0.002	-0.000	0.4000	0.033	-0.001
0.4500	-0.006	0.002	0.4500	0.010	-0.004	0.4500	0.009	-0.000	0.4500	0.006	-0.002	0.4500	-0.001	0.001	0.4500	0.028	0.005	0.4500	0.004	-0.001	0.4500	0.002	-0.001	0.4500	0.027	-0.003
0.5000	-0.004	0.000	0.5000	0.010	-0.003	0.5000	0.006	-0.002	0.5000	0.004	-0.002	0.5000	-0.001	-0.001	0.5000	0.021	-0.001	0.5000	0.006	-0.001	0.5000	0.004	-0.002	0.5000	0.023	-0.007
0.5950	-0.001	-0.000	0.5950	0.003	-0.002	0.5950	0.002	-0.002	0.5950	0.003	0.000	0.5950	0.001	-0.001	0.5950	0.011	-0.001	0.5950	0.003	-0.001	0.5950	0.005	0.000	0.5950	0.025	-0.001
0.7050	-0.002	-0.003	0.7050	-0.006	0.000	0.7050	-0.005	0.000	0.7050	-0.001	-0.001	0.7050	-0.002	0.001	0.7050	0.004	0.001	0.7050	0.002	-0.002	0.7050	-0.002	0.000	0.7050	0.009	-0.002
0.8000	0.000	-0.015	0.8000	-0.009	-0.016	0.8000	-0.008	-0.013	0.8000	-0.015	-0.008	0.8000	-0.008	-0.003	0.8000	-0.011	-0.006	0.8000	-0.010	-0.004	0.8000	-0.001	-0.001	0.8000	0.012	-0.006
0.9000	0.017	-0.013	0.9000	-0.001	-0.031	0.9000	0.002	-0.026	0.9000	0.004	-0.030	0.9000	0.015	-0.020	0.9000	0.006	-0.022	0.9000	0.001	-0.011	0.9000	0.001	-0.007	0.9000	0.003	-0.007
0.9500	0.009	-0.009	0.9500	-0.008	-0.031	0.9500	-0.009	-0.019	0.9500	-0.005	-0.029	0.9500	0.002	-0.023	0.9500	0.005	-0.036	0.9500	-0.003	-0.018	0.9500	0.004	-0.009	0.9500	0.003	-0.012
0.9900	-0.004	0.005	0.9900	-0.003	-0.024	0.9900	-0.004	-0.008	0.9900	-0.019	-0.019	0.9900	0.002	-0.022	0.9900	-0.010	-0.044	0.9900	-0.004	-0.019	0.9900	0.006	-0.010	0.9900	0.005	-0.015
1.0000	-0.009	0.010	1.0000	-0.000	-0.022	1.0000	-0.001	-0.004	1.0000	-0.024	-0.015	1.0000	0.004	-0.021	1.0000	-0.015	-0.045	1.0000	-0.004	-0.019	1.0000	0.007	-0.010	1.0000	0.005	-0.016
M= 0.697 α=-00.35			M= 0.698 α= 11.83			M= 0.953 α= 03.78			M= 1.104 α= 03.88			M= 1.303 α= 03.88			M= 1.306 α= 15.82			M= 1.905 α= 03.93			M= 2.235 α= 04.28			M= 2.227 α= 16.26		
0.0000	0.002	-0.006	0.0000	0.109	-0.016	0.0000	0.042	-0.017	0.0000	0.041	-0.004	0.0000	0.022	-0.014	0.0000	0.125	-0.019	0.0000	0.032	-0.019	0.0000	0.021	-0.038	0.0000	0.108	-0.037
0.0500	0.001	0.001	0.0500	0.079	-0.003	0.0500	0.028	0.000	0.0500	0.026	0.001	0.0500	0.021	-0.004	0.0500	0.105	-0.008	0.0500	0.030	-0.001	0.0500	0.021	-0.002	0.0500	0.107	-0.003
0.1000	0.000	0.002	0.1000	0.061	-0.000	0.1000	0.021	0.003	0.1000	0.018	-0.002	0.1000	0.019	-0.004	0.1000	0.092	-0.002	0.1000	0.024	0.004	0.1000	0.018	0.008	0.1000	0.096	0.006
0.1353	0.001	-0.002	0.1353	0.054	-0.005	0.1353	0.021	-0.004	0.1353	0.016	-0.009	0.1353	0.017	-0.010	0.1353	0.086	-0.000	0.1353	0.017	0.001	0.1353	0.013	-0.001	0.1353	0.082	-0.002
0.2090	0.000	0.000	0.2090	0.042	-0.001	0.2090	0.016	-0.000	0.2090	0.014	-0.007	0.2090	0.010	-0.005	0.2090	0.045	-0.032	0.2090	0.014	-0.001	0.2090	0.010	-0.000	0.2090	0.071	-0.002
0.2500	0.000	-0.000	0.2500	0.037	-0.002	0.2500	0.013	-0.000	0.2500	0.011	-0.005	0.2500	0.011	-0.004	0.2500	0.054	-0.020	0.2500	0.013	-0.000	0.2500	0.009	-0.001	0.2500	0.066	-0.002
0.3000	0.000	0.000	0.3000	0.031	-0.002	0.3000	0.011	0.000	0.3000	0.009	-0.002	0.3000	0.012	-0.003	0.3000	0.060	-0.001	0.3000	0.011	0.000	0.3000	0.009	0.001	0.3000	0.062	-0.002
0.3500	0.001	0.000	0.3500	0.026	-0.001	0.3500	0.010	0.000	0.3500	0.007	-0.001	0.3500	0.006	-0.002	0.3500	0.050	0.001	0.3500	0.013	-0.001	0.3500	0.007	-0.000	0.3500	0.060	-0.002
0.4000	-0.000	-0.001	0.4000	0.022	-0.001	0.4000	0.008	-0.001	0.4000	0.001	0.000	0.4000	0.008	-0.003	0.4000	0.040	-0.002	0.4000	0.009	0.001	0.4000	0.007	-0.000	0.4000	0.055	-0.001
0.4500	-0.001	0.001	0.4500	0.017	-0.002	0.4500	0.008	0.001	0.4500	0.005	0.001	0.4500	0.006	0.001	0.4500	0.044	0.004	0.4500	0.008	0.001	0.4500	0.006	-0.001	0.4500	0.053	-0.001
0.5000	-0.001	-0.001	0.5000	0.007	-0.006	0.5000	0.005	-0.002	0.5000	0.008	-0.005	0.5000	0.003	-0.001	0.5000	0.032	-0.001	0.5000	0.007	-0.002	0.5000	0.006	-0.002	0.5000	0.050	-0.001
0.5950	-0.001	0.001	0.5950	0.009	-0.002	0.5950	0.003	0.000	0.5950	0.008	-0.004	0.5950	0.003	-0.001	0.5950	0.022	0.001	0.5950	0.003	-0.001	0.5950	0.006	0.000	0.5950	0.043	-0.001
0.7050	-0.004	-0.002	0.7050	-0.003	-0.004	0.7050	-0.004	0.001	0.7050	0.000	-0.001	0.7050	-0.002	0.000	0.7050	0.013	0.004	0.7050	-0.001	-0.001	0.7050	-0.002	0.001	0.7050	0.029	-0.001
0.8000	-0.008	-0.015	0.8000	-0.008	-0.013	0.8000	-0.011	-0.013	0.8000	-0.020	-0.008	0.8000	-0.013	-0.005	0.8000	-0.004	-0.006	0.8000	-0.008	-0.001	0.8000	-0.005	-0.001	0.8000	0.003	0.000
0.9000	0.011	-0.020	0.9000	-0.001	-0.036	0.9000	0.001	-0.035	0.9000	0.008	-0.028	0.9000	0.011	-0.023	0.9000	0.006	-0.025	0.9000	-0.000	-0.011	0.9000	-0.002	-0.007	0.9000	0.013	-0.009
0.9500	-0.000	-0.013	0.9500	-0.017	-0.037	0.9500	-0.010	-0.018	0.9500	-0.001	-0.031	0.9500	0.001	-0.027	0.9500	-0.004	-0.038	0.9500	-0.005	-0.016	0.9500	-0.002	-0.010	0.9500	0.012	-0.011
0.9900	-0.008	0.002	0.9900	-0.013	-0.032	0.9900	0.003	-0.009	0.9900	-0.023	-0.026	0.9900	-0.017	-0.031	0.9900	-0.008	-0.052	0.9900	-0.002	-0.018	0.9900	0.001	-0.012	0.9900	0.009	-0.013
1.0000	-0.010	0.007	1.0000	-0.010	-0.030	1.0000	0.009	-0.007	1.0000	-0.031	-0.023	1.0000	-0.022	-0.032	1.0000	-0.008	-0.056	1.0000	-0.000	-0.018	1.0000	0.001	-0.013	1.0000	0.008	-0.013
M= 0.699 α= 03.92			M= 0.701 α= 15.72			M= 1.000 α= 03.88			M= 1.299 α=-04.13			M= 1.303 α= 07.96			M= 1.503 α= 03.78			M= 2.234 α=-03.73			M= 2.224 α= 08.26					
0.0000	0.041	-0.010	0.0000	0.167	-0.018	0.0000	0.041	-0.027	0.0000	-0.026	-0.005	0.0000	0.060	-0.034	0.0000	0.036	-0.013	0.0000	-0.044	-0.035	0.0000	0.064	-0.038			
0.0500	0.029	0.000	0.0500	0.109	-0.004	0.0500	0.025	-0.005	0.0500	-0.022	0.003	0.0500	0.046	-0.010	0.0500	0.024	-0.000	0.0500	-0.021	-0.000	0.0500	0.050	-0.003			
0.1000	0.022	0.002	0.1000	0.077	-0.001	0.1000	0.018	-0.000	0.1000	-0.018	0.004	0.1000	0.037	-0.006	0.1000	0.019	0.002	0.1000	-0.012	0.000	0.1000	0.039	0.007			
0.1353	0.020	-0.003	0.1353	0.071	-0.007	0.1353	0.020	-0.007	0.1353	-0.014	-0.000	0.1353	0.034	-0.016	0.1353	0.019	-0.003	0.1353	-0.013	-0.001	0.1353	0.033	-0.001			
0.2090	0.015	-0.000	0.2090	0.056	-0.003	0.2090	0.013	-0.006	0.2090	-0.012	0.001	0.2090	0.021	-0.009	0.2090	0.012	-0.001	0.2090	-0.011	-0.001	0.2090	0.025	-0.001			
0.2500	0.013	-0.001	0.2500	0.048	-0.002	0.2500	0.013	-0.004	0.2500	-0.011	0.001	0.2500	0.027	-0.004	0.2500	0.011	-0.001	0.2500	-0.010	-0.001	0.2500	0.023	-0.001			
0.3000	0.012	0.000	0.3000	0.042	-0.002	0.3000	0.011	-0.002	0.3000	-0.010	0.002	0.3000	0.020	-0.003	0.3000	0.012	0.001	0.3000	-0.009	0.001	0.3000	0.021	0.000			
0.3500	0.010	0.000	0.3500	0.036	-0.002	0.3500	0.009	-0.004	0.3500	-0.005	0.001	0.3500	0.018	-0.001	0.3500	0.011	-0.001	0.3500	-0.009	0.000	0.3500	0.019	0.000			
0.4000	0.008	-0.001	0.4000	0.032	-0.002	0.4000	0.008	-0.003	0.4000	-0.007	0.001	0.4000	0.016	-0.002	0.4000	0.008	0.001	0.4000	-0.007	-0.001	0.4000	0.017	-0.001			
0.4500	0.006	-0.001	0.4500	0.028	-0.004	0.4500	0.007	-0.001	0.4500	-0.007	0.001	0.4500	0.018	0.002	0.4500	0.007	-0.001	0.4500	0.000	-0.001	0.4500	0.015	-0.004			
0.5000	0.005	-0.003	0.5000	0.024	-0.001	0.5000	0.003	-0.003	0.5000	-0.004	0.000	0.5000	0.011	-0.002	0.5000	0.005	-0.001	0.5000	0.002	-0.002	0.5000	0.015	-0.002			
0.5950	0.003	-0.001	0.5950	0.020	-0.005	0.5950	0.002	-0.000	0.5950	-0.001	-0.001	0.5950	0.005	-0.004	0.5950	-0.000	-0.001	0.5950	0.005	-0.000	0.5950	0.009	-0.003			
0.7050	-0.005	-0.003	0.7050	0.004	-0.001	0.7050	-0.002	-0.001	0.7050	-0.003	-0.001	0.7050	0.000	0.001	0.7050	-0.002	-0.001	0.7050	-0.003	-0.000	0.7050	0.003	-0.004			
0.8000	-0.010	-0.013	0.8000	-0.002	-0.015	0.8000	-0.022	-0.013	0.8000	-0.009	-0.005	0.8000	-0.008	-0.001	0.8000	-0.012	-0.002	0.8000	0.000	0.000	0.8000	-0.005	-0.001			
0.9000	0.004	-0.023	0.9000	0.004	-0.036	0.9000	0.007	-0.032	0.9000	0.022	-0.014	0.9000	0.003	-0.023	0.9000	0.004	-0.017	0.9000	0.003	-0.005	0.9000	-0.000	-0.006			
0.9500	-0.006	-0.021	0.9500	-0.009	-0.043	0.9500	-0.015	-0.032	0.9500	0.012	-0.014	0.9500	0.002	-0.034	0.9500	-0.004	-0.020	0.9500	0.007	-0.009	0.9500	-0.000	-0.009			
0.9900	-0.005	-0.009	0.9900	-0.011	-0.035	0.9900	-0.009	-0.007	0.9900	0.027	-0.010	0.9900	-0.009	-0.039	0.9900	-0.009	-0.024	0.9900	0.010	-0.007	0.9900	0.001	-0.015			
1.0000	-0.004	-0.005	1.0000	-0.011	-0.032	1.0000	-0.005	0.003	1.0000	0.034	-0.009	1.0000	-0.013	-0.040	1.0000	-0.010	-0.025	1.0000	0.010	-0.005	1.0000	0.001	-0.017			

TABLE VIII.- SECTION COEFFICIENTS FOR THE BODY WITH THE MODEL AT 0° SIDESLIP - Continued
(k) BV_5C $\delta = -0.1°$

x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}
M = 0.692			M = 0.695			M = 0.901			M = 1.100			M = 1.302			M = 1.302			M = 1.915			M = 2.227			M = 2.231		
α = -04.38			α = 07.76			α = 03.83			α = 04.03			α = 03.78			α = 15.82			α = 04.03			α = 04.28			α = 16.22		
0.0000	0.007	0.007	0.0000	-0.076	-0.024	0.0000	-0.007	-0.005	0.0000	-0.008	0.011	0.0000	-0.001	-0.021	0.0000	-0.026	-0.018	0.0000	0.017	-0.032	0.0000	0.022	-0.041	0.0000	0.093	-0.004
0.0500	-0.030	0.006	0.0500	0.057	-0.008	0.0500	0.028	-0.003	0.0500	0.025	0.000	0.0500	0.021	-0.004	0.0500	0.105	-0.007	0.0500	0.026	-0.008	0.0500	0.023	-0.004	0.0500	0.108	-0.005
0.1000	-0.047	0.006	0.1000	0.113	-0.002	0.1000	0.052	-0.003	0.1000	0.044	-0.005	0.1000	0.036	0.001	0.1000	0.174	-0.004	0.1000	0.031	-0.000	0.1000	0.025	0.006	0.1000	0.119	-0.002
0.1353	-0.047	0.005	0.1353	0.107	-0.005	0.1353	0.062	-0.005	0.1353	0.048	-0.005	0.1353	0.043	-0.004	0.1353	0.186	-0.007	0.1353	0.032	-0.005	0.1353	0.026	-0.003	0.1353	0.123	0.003
0.2090	-0.027	0.002	0.2090	0.053	-0.006	0.2090	0.038	-0.004	0.2090	0.042	-0.022	0.2090	0.039	-0.005	0.2090	0.181	-0.008	0.2090	0.033	-0.002	0.2090	0.026	-0.002	0.2090	0.122	-0.004
0.2500	-0.011	0.005	0.2500	0.026	-0.004	0.2500	0.012	0.002	0.2500	0.024	-0.010	0.2500	0.027	-0.003	0.2500	0.129	-0.008	0.2500	0.026	-0.004	0.2500	0.022	-0.005	0.2500	0.112	-0.005
0.3000	-0.008	0.002	0.3000	0.016	-0.003	0.3000	0.007	-0.000	0.3000	0.002	-0.001	0.3000	0.011	-0.000	0.3000	0.051	-0.002	0.3000	0.018	0.000	0.3000	0.018	-0.001	0.3000	0.080	-0.006
0.3500	-0.006	0.002	0.3500	0.015	-0.005	0.3500	0.005	-0.001	0.3500	-0.003	0.002	0.3500	-0.000	-0.001	0.3500	0.032	-0.000	0.3500	0.011	-0.004	0.3500	0.011	-0.002	0.3500	0.069	-0.002
0.4000	-0.004	0.002	0.4000	0.013	-0.003	0.4000	0.005	-0.001	0.4000	0.002	0.000	0.4000	0.003	-0.003	0.4000	0.019	0.004	0.4000	0.006	-0.003	0.4000	0.007	-0.002	0.4000	0.059	-0.002
0.4500	-0.005	0.000	0.4500	0.011	0.002	0.4500	0.006	0.001	0.4500	0.004	0.002	0.4500	0.003	0.001	0.4500	0.022	0.003	0.4500	0.006	0.001	0.4500	0.006	-0.000	0.4500	0.051	-0.002
0.5000	-0.003	-0.001	0.5000	0.010	0.000	0.5000	0.005	0.000	0.5000	0.011	-0.003	0.5000	0.002	-0.000	0.5000	0.024	-0.000	0.5000	0.006	-0.001	0.5000	0.006	-0.000	0.5000	0.044	-0.001
0.5950	-0.001	-0.001	0.5950	0.005	0.001	0.5950	0.003	0.000	0.5950	0.005	0.002	0.5950	0.004	-0.000	0.5950	0.013	0.002	0.5950	0.004	-0.000	0.5950	0.005	0.001	0.5950	0.037	-0.002
0.7050	-0.003	-0.003	0.7050	-0.002	-0.002	0.7050	-0.003	-0.002	0.7050	-0.001	-0.001	0.7050	-0.002	0.001	0.7050	0.009	0.002	0.7050	-0.002	-0.001	0.7050	-0.001	-0.000	0.7050	0.027	-0.001
0.8000	-0.003	-0.016	0.8000	-0.011	-0.019	0.8000	-0.010	-0.018	0.8000	-0.028	-0.011	0.8000	-0.014	-0.006	0.8000	0.007	-0.005	0.8000	-0.007	-0.003	0.8000	-0.004	-0.002	0.8000	0.030	-0.003
0.9000	0.017	-0.012	0.9000	0.005	-0.026	0.9000	0.012	-0.024	0.9000	0.018	-0.025	0.9000	0.013	-0.021	0.9000	0.016	-0.023	0.9000	0.001	-0.010	0.9000	-0.000	-0.007	0.9000	0.021	-0.004
0.9500	0.006	-0.008	0.9500	-0.007	-0.024	0.9500	-0.001	-0.020	0.9500	0.006	-0.024	0.9500	0.003	-0.023	0.9500	0.008	-0.034	0.9500	-0.002	-0.013	0.9500	0.001	-0.010	0.9500	0.020	-0.009
0.9900	-0.003	-0.002	0.9900	-0.002	-0.018	0.9900	0.000	-0.010	0.9900	-0.015	-0.026	0.9900	-0.011	-0.029	0.9900	-0.004	-0.047	0.9900	-0.002	-0.014	0.9900	0.002	-0.011	0.9900	0.011	-0.011
1.0000	-0.005	-0.001	1.0000	0.001	-0.016	1.0000	0.003	-0.007	1.0000	-0.022	-0.027	1.0000	-0.015	-0.031	1.0000	-0.008	-0.051	1.0000	-0.001	-0.014	1.0000	0.002	-0.011	1.0000	0.008	-0.011
M = 0.700			M = 0.697			M = 0.952			M = 1.302			M = 1.304			M = 1.501			M = 2.230			M = 2.234					
α = -00.25			α = 11.74			α = 03.87			α = -04.08			α = 07.91			α = 03.78			α = -03.68			α = 08.16					
0.0000	0.006	-0.005	0.0000	-0.090	0.014	0.0000	0.001	-0.003	0.0000	0.004	0.005	0.0000	-0.011	-0.044	0.0000	0.017	-0.035	0.0000	-0.046	-0.030	0.0000	0.037	-0.049			
0.0500	0.002	0.000	0.0500	0.089	-0.008	0.0500	0.027	-0.003	0.0500	-0.022	0.006	0.0500	0.043	-0.008	0.0500	0.021	-0.009	0.0500	-0.020	0.004	0.0500	0.046	-0.012			
0.1000	0.002	0.001	0.1000	0.170	-0.015	0.1000	0.047	-0.004	0.1000	-0.037	0.005	0.1000	0.078	0.002	0.1000	0.029	-0.000	0.1000	-0.014	0.012	0.1000	0.054	0.004			
0.1353	0.005	-0.001	0.1353	0.168	-0.011	0.1353	0.058	-0.006	0.1353	-0.041	0.002	0.1353	0.090	-0.006	0.1353	0.038	-0.005	0.1353	-0.021	0.002	0.1353	0.058	0.002			
0.2090	0.002	-0.003	0.2090	0.088	-0.010	0.2090	0.040	-0.003	0.2090	-0.038	0.002	0.2090	0.088	-0.001	0.2090	0.035	-0.003	0.2090	-0.021	0.003	0.2090	0.054	-0.004			
0.2500	0.000	0.006	0.2500	0.037	-0.003	0.2500	0.031	-0.000	0.2500	-0.030	0.004	0.2500	0.097	-0.025	0.2500	0.022	-0.013	0.2500	-0.020	-0.001	0.2500	0.045	-0.010			
0.3000	-0.001	-0.002	0.3000	0.030	0.002	0.3000	0.002	-0.001	0.3000	-0.009	0.005	0.3000	0.019	-0.001	0.3000	0.016	-0.004	0.3000	-0.014	0.007	0.3000	0.030	-0.012			
0.3500	0.001	-0.000	0.3500	0.023	-0.000	0.3500	0.006	-0.002	0.3500	0.002	0.000	0.3500	0.001	-0.003	0.3500	0.004	-0.003	0.3500	-0.012	0.003	0.3500	0.020	-0.007			
0.4000	0.001	-0.001	0.4000	0.023	-0.001	0.4000	0.005	-0.002	0.4000	-0.003	-0.001	0.4000	0.007	-0.002	0.4000	0.002	0.000	0.4000	-0.007	0.001	0.4000	0.017	-0.004			
0.4500	0.002	0.001	0.4500	0.020	0.002	0.4500	0.007	0.001	0.4500	-0.005	0.001	0.4500	0.007	0.002	0.4500	0.003	0.001	0.4500	0.001	0.000	0.4500	0.014	0.000			
0.5000	0.002	-0.001	0.5000	0.016	0.001	0.5000	0.005	-0.000	0.5000	-0.003	-0.001	0.5000	0.007	-0.000	0.5000	0.002	0.001	0.5000	0.003	-0.000	0.5000	0.011	-0.001			
0.5950	0.002	-0.000	0.5950	0.009	0.002	0.5950	0.004	0.001	0.5950	0.001	-0.001	0.5950	0.007	0.001	0.5950	0.000	-0.001	0.5950	0.005	0.000	0.5950	0.007	-0.001			
0.7050	-0.004	-0.003	0.7050	-0.002	-0.001	0.7050	-0.004	-0.001	0.7050	-0.002	0.000	0.7050	-0.001	0.002	0.7050	0.002	0.000	0.7050	-0.002	-0.001	0.7050	0.001	0.000			
0.8000	-0.006	-0.018	0.8000	-0.013	-0.018	0.8000	-0.011	-0.018	0.8000	-0.012	-0.005	0.8000	-0.016	-0.006	0.8000	-0.012	-0.004	0.8000	0.002	-0.002	0.8000	-0.002	-0.002			
0.9000	0.012	-0.017	0.9000	0.005	-0.029	0.9000	0.013	-0.029	0.9000	0.018	-0.015	0.9000	0.006	-0.022	0.9000	0.006	-0.014	0.9000	0.002	-0.004	0.9000	-0.001	-0.006			
0.9500	0.003	-0.014	0.9500	-0.005	-0.030	0.9500	-0.004	-0.021	0.9500	0.011	-0.014	0.9500	0.001	-0.029	0.9500	0.004	-0.019	0.9500	0.008	-0.005	0.9500	-0.000	-0.011			
0.9900	-0.001	-0.006	0.9900	-0.004	-0.025	0.9900	0.001	-0.009	0.9900	0.021	-0.012	0.9900	-0.021	-0.035	0.9900	-0.001	-0.023	0.9900	0.008	-0.004	0.9900	-0.002	-0.013			
1.0000	-0.002	-0.004	1.0000	-0.002	-0.023	1.0000	0.005	-0.006	1.0000	0.025	-0.041	1.0000	-0.029	-0.037	1.0000	-0.003	-0.025	1.0000	0.008	-0.004	1.0000	-0.003	-0.013			
M = 0.696			M = 0.695			M = 1.059			M = 1.303			M = 1.302			M = 1.705			M = 2.230			M = 2.230					
α = 03.78			α = 15.67			α = 04.03			α = -00.25			α = 11.89			α = 03.73			α = 00.30			α = 12.29					
0.0000	-0.011	0.003	0.0000	-0.102	-0.007	0.0000	-0.013	-0.006	0.0000	-0.007	0.018	0.0000	-0.005	-0.002	0.0000	0.003	-0.054	0.0000	-0.001	-0.026	0.0000	0.069	-0.059			
0.0500	0.026	-0.011	0.0500	0.130	-0.001	0.0500	0.025	-0.007	0.0500	-0.001	0.005	0.0500	0.076	-0.002	0.0500	0.024	-0.008	0.0500	-0.000	-0.000	0.0500	0.079	-0.007			
0.1000	0.049	-0.008	0.1000	0.235	-0.006	0.1000	0.046	-0.007	0.1000	0.001	-0.000	0.1000	0.123	-0.002	0.1000	0.034	0.005	0.1000	0.000	0.007	0.1000	0.087	0.010			
0.1353	0.056	0.003	0.1353	0.232	-0.017	0.1353	0.051	-0.007	0.1353	-0.001	-0.000	0.1353	0.137	-0.002	0.1353	0.034	-0.005	0.1353	-0.000	0.001	0.1353	0.090	0.001			
0.2090	0.025	-0.011	0.2090	0.127	-0.003	0.2090	0.036	-0.012	0.2090	-0.001	-0.001	0.2090	0.135	-0.005	0.2090	0.035	-0.001	0.2090	-0.002	-0.001	0.2090	0.088	-0.008			
0.2500	0.014	-0.001	0.2500	0.049	-0.010	0.2500	0.017	-0.009	0.2500	-0.004	0.001	0.2500	0.097	-0.002	0.2500	0.026	-0.009	0.2500	-0.004	-0.003	0.2500	0.073	-0.007			
0.3000	0.008	-0.003	0.3000	0.037	-0.005	0.3000	0.003	-0.001	0.3000	-0.003	0.003	0.3000	0.034	0.002	0.3000	0.015	-0.005	0.3000	0.001	0.002	0.3000	0.052	-0.012			
0.3500	0.006	-0.004	0.3500	0.034	-0.003	0.3500	0.010	-0.005	0.3500	0.002	-0.003	0.3500	0.011	-0.003	0.3500	0.008	-0.002	0.3500	-0.002	0.000	0.3500	0.042	-0.002			
0.4000	0.006	-0.003	0.4000	0.029	-0.002	0.4000	0.009	-0.004	0.4000	0.000	-0.001	0.4000	0.015	0.002	0.4000	0.004	0.000	0.4000	-0.001	-0.000	0.4000	0.036	-0.001			
0.4500	0.004	0.001	0.4500	0.029	0.003	0.4500	0.010	0.002	0.4500	-0.002	0.001	0.4500	0.014	0.003	0.4500	-0.000	0.000	0.4500	0.002	0.000	0.4500	0.028	0.000			
0.5000	0.003	-0.000	0.5000	0.024	0.001	0.5000	0.008	-0.001	0.5000	-0.001	-0.001	0.5000	0.015	0.000	0.5000	0.003	-0.001	0.5000	0.004	-0.000	0.5000	0.021	-0.000			
0.5950	0.001	0.000	0.5950	0.014	0.002	0.5950	0.002	0.001	0.5950	0.002	-0.001	0.5950	0.012	0.001	0.5950	0.003	0.000	0.5950	0.004	0.001	0.5950	0.018	0.001			
0.7050	-0.003	-0.003	0.7050	-0.001	-0.001	0.7050	-0.003	0.001	0.7050	-0.002	0.000	0.7050	0.002	0.002	0.7050	0.002	-0.000	0.7050	-0.001	-0.000	0.7050	0.008	0.001			
0.8000	-0.010	-0.019	0.8000	-0.003	-0.019	0.8000	-0.011	-0.012	0.8000	-0.014	-0.006	0.8000	-0.014	-0.006	0.8000	-0.011	-0.006	0.8000	-0.002	-0.002	0.8000	0.012	-0.001			
0.9000	0.010	-0.022	0.9000	0.010	-0.033	0.9000	0.013	-0.026	0.9000	0.018	-0.018	0.9000	0.005	-0.024	0.9000	0.004	-0.012	0.9000	0.001	-0.006	0.9000	0.008	-0.005			
0.9500	-0.002	-0.019	0.9500	-0.002	-0.036	0.9500	0.003	-0.026	0.9500	0.007	-0.019	0.9500	0.006	-0.032	0.9500	0.002	-0.015	0.9500	0.004	-0.007	0.9500	0.011	-0.009			
0.9900	-0.000	-0.011	0.9900	-0.004	-0.034	0.9900	-0.019	-0.027	0.9900	0.007	-0.022	0.9900	-0.016	-0.037	0.9900	-0.001	-0.018	0.9900	0.006	-0.007	0.9900	0.005	-0.013			
1.0000	0.002	-0.009	1.0000	-0.004	-0.033	1.0000	-0.027	-0.027	1.0000	0.008	-0.023	1.0000	-0.025	-0.039	1.0000	-0.002	-0.019	1.0000	0.007	-0.007	1.0000	0.002	-0.014			

TABLE VIII.- SECTION COEFFICIENTS FOR THE BODY WITH THE MODEL AT 0° SIDESLIP - Concluded
(1) B

x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}
M = 0.700 α = -04.23			M = 0.698 α = 07.76			M = 0.908 α = 03.78			M = 0.999 α = 03.93			M = 1.303 α = -04.18			M = 1.301 α = 07.91			M = 1.503 α = 03.83			M = 2.237 α = -03.78			M = 2.229 α = 08.26		
0.0000	-0.033	0.001	0.0000	0.062	0.006	0.0000	0.043	-0.004	0.0000	0.044	-0.003	0.0000	-0.022	0.005	0.0000	0.062	0.002	0.0000	0.036	0.009	0.0000	-0.034	-0.007	0.0000	0.071	0.004
0.0500	-0.025	0.002	0.0500	0.054	-0.001	0.0500	0.028	0.001	0.0500	0.027	0.000	0.0500	-0.024	0.003	0.0500	0.051	0.000	0.0500	0.025	0.001	0.0500	-0.021	-0.001	0.0500	0.053	-0.002
0.1000	-0.019	0.001	0.1000	0.044	-0.004	0.1000	0.021	-0.001	0.1000	0.021	-0.001	0.1000	-0.021	0.001	0.1000	0.042	-0.003	0.1000	0.020	-0.003	0.1000	-0.015	0.001	0.1000	0.041	-0.003
0.1353	-0.016	-0.001	0.1353	0.037	-0.004	0.1353	0.021	-0.004	0.1353	0.022	-0.006	0.1353	-0.018	-0.002	0.1353	0.038	-0.005	0.1353	0.020	-0.003	0.1353	-0.014	0.000	0.1353	0.036	-0.001
0.2090	-0.013	0.001	0.2090	0.029	-0.000	0.2090	0.015	0.000	0.2090	0.017	-0.000	0.2090	-0.012	-0.001	0.2090	0.028	0.001	0.2090	0.010	-0.001	0.2090	-0.011	-0.000	0.2090	0.028	-0.001
0.2500	-0.011	-0.000	0.2500	0.025	-0.001	0.2500	0.013	-0.000	0.2500	0.015	-0.000	0.2500	-0.012	-0.000	0.2500	0.029	-0.001	0.2500	0.012	-0.001	0.2500	-0.011	-0.001	0.2500	0.026	-0.001
0.3000	-0.010	0.000	0.3000	0.021	-0.000	0.3000	0.011	0.000	0.3000	0.012	-0.000	0.3000	-0.012	0.001	0.3000	0.023	-0.001	0.3000	0.015	0.000	0.3000	-0.009	0.001	0.3000	0.024	-0.000
0.3500	-0.008	0.000	0.3500	0.018	-0.000	0.3500	0.009	0.000	0.3500	0.011	0.000	0.3500	-0.005	-0.000	0.3500	0.018	-0.001	0.3500	0.010	0.000	0.3500	-0.009	-0.000	0.3500	0.022	0.000
0.4000	-0.007	-0.001	0.4000	0.016	-0.000	0.4000	0.008	-0.000	0.4000	0.008	-0.000	0.4000	-0.007	-0.002	0.4000	0.018	-0.002	0.4000	0.007	0.001	0.4000	-0.007	-0.001	0.4000	0.019	-0.001
0.4500	-0.006	0.002	0.4500	0.013	0.001	0.4500	0.008	0.000	0.4500	0.006	-0.000	0.4500	-0.006	0.002	0.4500	0.015	-0.001	0.4500	0.006	-0.000	0.4500	-0.001	-0.000	0.4500	0.017	-0.003
0.5000	-0.004	0.000	0.5000	0.010	-0.000	0.5000	0.005	-0.002	0.5000	0.002	0.000	0.5000	-0.005	0.001	0.5000	0.010	-0.001	0.5000	0.002	-0.000	0.5000	0.001	-0.000	0.5000	0.015	-0.003
0.5950	-0.002	0.000	0.5950	0.005	0.001	0.5950	0.003	-0.001	0.5950	0.002	0.000	0.5950	0.000	-0.002	0.5950	0.002	-0.002	0.5950	0.000	0.000	0.5950	0.003	-0.001	0.5950	0.013	-0.001
0.7050	0.000	-0.001	0.7050	-0.002	0.001	0.7050	-0.002	0.000	0.7050	-0.001	-0.000	0.7050	-0.002	0.000	0.7050	-0.002	0.001	0.7050	0.001	0.000	0.7050	-0.002	0.000	0.7050	0.004	-0.000
0.8000	0.003	-0.001	0.8000	-0.006	-0.000	0.8000	-0.003	0.001	0.8000	-0.005	0.001	0.8000	0.004	-0.001	0.8000	-0.002	0.003	0.8000	-0.001	0.002	0.8000	0.004	-0.002	0.8000	0.005	-0.001
0.9000	0.005	-0.002	0.9000	-0.010	-0.000	0.9000	-0.008	0.002	0.9000	-0.008	0.001	0.9000	0.004	-0.003	0.9000	-0.010	0.002	0.9000	-0.005	0.002	0.9000	0.001	-0.000	0.9000	-0.001	0.002
0.9500	0.006	-0.000	0.9500	-0.011	0.001	0.9500	-0.008	0.003	0.9500	-0.023	0.005	0.9500	0.004	-0.002	0.9500	-0.009	-0.000	0.9500	-0.006	0.002	0.9500	0.001	-0.002	0.9500	-0.005	0.002
0.9900	-0.002	0.002	0.9900	-0.003	0.000	0.9900	-0.003	0.003	0.9900	-0.003	0.008	0.9900	0.018	-0.002	0.9900	-0.024	0.001	0.9900	-0.015	0.005	0.9900	0.005	-0.002	0.9900	-0.009	0.001
1.0000	-0.004	0.003	1.0000	0.000	0.000	1.0000	-0.001	0.003	1.0000	0.007	0.009	1.0000	0.024	-0.002	1.0000	-0.030	0.001	1.0000	-0.019	0.007	1.0000	0.005	-0.001	1.0000	-0.010	0.001
M = 0.700 α = -00.15			M = 0.700 α = 11.88			M = 0.951 α = 04.02			M = 1.045 α = 03.98			M = 1.304 α = -00.10			M = 1.302 α = 11.79			M = 1.702 α = 03.78			M = 2.233 α = 00.20			M = 2.225 α = 12.24		
0.0000	0.012	-0.003	0.0000	0.085	0.011	0.0000	0.047	-0.002	0.0000	0.043	-0.004	0.0000	-0.006	0.011	0.0000	0.066	0.015	0.0000	0.044	-0.003	0.0000	0.008	-0.003	0.0000	0.082	0.017
0.0500	0.002	0.002	0.0500	0.081	-0.003	0.0500	0.030	0.000	0.0500	0.027	0.001	0.0500	-0.001	0.003	0.0500	0.076	-0.001	0.0500	0.027	-0.002	0.0500	-0.000	-0.001	0.0500	0.082	-0.002
0.1000	0.000	0.001	0.1000	0.068	-0.006	0.1000	0.022	-0.002	0.1000	0.020	-0.001	0.1000	0.001	-0.002	0.1000	0.068	-0.006	0.1000	0.020	-0.002	0.1000	-0.002	0.000	0.1000	0.070	-0.006
0.1353	0.004	-0.002	0.1353	0.053	-0.003	0.1353	0.023	-0.005	0.1353	0.019	-0.006	0.1353	0.002	-0.003	0.1353	0.052	-0.003	0.1353	0.021	-0.003	0.1353	-0.000	-0.001	0.1353	0.056	-0.001
0.2090	0.001	0.001	0.2090	0.043	-0.002	0.2090	0.017	-0.000	0.2090	0.014	0.000	0.2090	0.001	-0.001	0.2090	0.046	-0.001	0.2090	0.013	0.001	0.2090	-0.001	0.000	0.2090	0.048	-0.002
0.2500	0.001	0.000	0.2500	0.037	-0.002	0.2500	0.014	-0.000	0.2500	0.014	0.000	0.2500	-0.000	0.000	0.2500	0.042	-0.002	0.2500	0.015	-0.003	0.2500	-0.001	0.000	0.2500	0.044	-0.002
0.3000	0.001	0.000	0.3000	0.032	-0.001	0.3000	0.012	0.000	0.3000	0.012	0.000	0.3000	0.000	0.002	0.3000	0.034	-0.001	0.3000	0.012	-0.000	0.3000	-0.001	0.000	0.3000	0.041	-0.002
0.3500	0.001	0.001	0.3500	0.027	-0.001	0.3500	0.011	-0.000	0.3500	0.013	-0.000	0.3500	0.001	-0.000	0.3500	0.029	-0.002	0.3500	0.007	0.000	0.3500	-0.002	0.000	0.3500	0.039	-0.001
0.4000	0.001	-0.000	0.4000	0.023	-0.001	0.4000	0.008	-0.000	0.4000	0.012	-0.001	0.4000	0.001	-0.001	0.4000	0.028	-0.001	0.4000	0.002	0.001	0.4000	-0.001	-0.001	0.4000	0.036	-0.001
0.4500	0.002	0.000	0.4500	0.019	-0.000	0.4500	0.007	-0.001	0.4500	0.009	-0.002	0.4500	0.000	0.000	0.4500	0.017	-0.000	0.4500	0.003	-0.001	0.4500	0.000	-0.000	0.4500	0.032	-0.005
0.5000	0.001	-0.001	0.5000	0.016	-0.001	0.5000	0.004	-0.000	0.5000	0.004	-0.001	0.5000	-0.001	-0.001	0.5000	0.021	-0.001	0.5000	0.005	-0.003	0.5000	0.003	-0.002	0.5000	0.031	-0.001
0.5950	0.002	-0.000	0.5950	0.009	0.001	0.5950	0.001	-0.000	0.5950	0.003	-0.001	0.5950	0.002	-0.001	0.5950	0.003	-0.005	0.5950	0.004	-0.000	0.5950	0.004	0.000	0.5950	0.028	-0.003
0.7050	-0.001	-0.000	0.7050	0.001	0.002	0.7050	-0.001	-0.001	0.7050	-0.001	-0.002	0.7050	-0.002	0.001	0.7050	0.009	0.001	0.7050	0.002	0.001	0.7050	-0.001	0.000	0.7050	0.017	-0.003
0.8000	-0.000	-0.000	0.8000	-0.003	0.000	0.8000	-0.006	0.006	0.8000	-0.002	-0.000	0.8000	0.002	-0.000	0.8000	0.002	-0.003	0.8000	-0.004	-0.000	0.8000	0.002	-0.001	0.8000	0.013	-0.003
0.9000	-0.002	0.000	0.9000	-0.009	0.001	0.9000	-0.009	0.002	0.9000	-0.008	0.001	0.9000	0.002	-0.002	0.9000	-0.009	0.001	0.9000	-0.005	0.002	0.9000	0.000	-0.000	0.9000	0.005	0.000
0.9500	-0.001	0.001	0.9500	-0.010	0.002	0.9500	-0.011	0.002	0.9500	-0.010	0.004	0.9500	-0.002	0.000	0.9500	-0.006	0.002	0.9500	-0.006	0.003	0.9500	0.001	-0.000	0.9500	0.003	-0.000
0.9900	-0.004	0.004	0.9900	-0.005	0.001	0.9900	0.001	0.001	0.9900	-0.015	0.006	0.9900	-0.003	0.001	0.9900	-0.024	0.003	0.9900	-0.013	0.001	0.9900	0.000	-0.000	0.9900	-0.002	-0.000
1.0000	-0.005	0.005	1.0000	-0.003	0.001	1.0000	0.006	0.000	1.0000	-0.017	0.007	1.0000	-0.003	0.000	1.0000	-0.031	0.004	1.0000	-0.015	-0.000	1.0000	-0.000	-0.000	1.0000	-0.004	0.000
M = 0.698 α = 03.68			M = 0.699 α = 15.81			M = 0.999 α = -00.05			M = 1.104 α = 03.98			M = 1.302 α = 03.93			M = 1.302 α = 15.82			M = 1.904 α = 03.98			M = 2.229 α = 04.18			M = 2.229 α = 16.22		
0.0000	0.042	-0.001	0.0000	0.116	0.019	0.0000	0.013	-0.005	0.0000	0.042	-0.008	0.0000	0.040	0.000	0.0000	0.066	0.014	0.0000	0.035	0.000	0.0000	0.033	-0.003	0.0000	0.096	0.024
0.0500	0.028	0.000	0.0500	0.109	-0.005	0.0500	0.002	0.001	0.0500	0.027	0.001	0.0500	0.025	0.001	0.0500	0.106	-0.003	0.0500	0.028	-0.002	0.0500	0.035	-0.002	0.0500	0.111	-0.003
0.1000	0.021	-0.001	0.1000	0.090	-0.009	0.1000	0.000	0.000	0.1000	0.020	0.000	0.1000	0.019	-0.001	0.1000	0.103	-0.007	0.1000	0.023	-0.002	0.1000	0.020	-0.001	0.1000	0.101	-0.009
0.1353	0.021	-0.003	0.1353	0.068	-0.001	0.1353	0.004	-0.004	0.1353	0.018	-0.005	0.1353	0.021	-0.004	0.1353	0.074	-0.001	0.1353	0.020	0.000	0.1353	0.018	-0.001	0.1353	0.079	-0.002
0.2090	0.015	0.000	0.2090	0.057	-0.002	0.2090	0.002	-0.000	0.2090	0.013	-0.003	0.2090	0.013	0.000	0.2090	0.062	-0.004	0.2090	0.013	-0.002	0.2090	0.014	-0.000	0.2090	0.074	-0.002
0.2500	0.013	-0.000	0.2500	0.049	-0.003	0.2500	0.002	0.000	0.2500	0.014	-0.000	0.2500	0.012	0.000	0.2500	0.056	-0.004	0.2500	0.013	-0.000	0.2500	0.012	-0.000	0.2500	0.068	-0.003
0.3000	0.011	0.000	0.3000	0.043	-0.003	0.3000	0.001	0.000	0.3000	0.015	0.003	0.3000	0.013	0.000	0.3000	0.050	-0.003	0.3000	0.013	-0.000	0.3000	0.012	0.000	0.3000	0.065	-0.002
0.3500	0.010	0.000	0.3500	0.037	-0.002	0.3500	0.002	0.000	0.3500	0.011	0.001	0.3500	0.008	-0.001	0.3500	0.047	-0.002	0.3500	0.013	0.000	0.3500	0.009	-0.000	0.3500	0.063	-0.001
0.4000	0.008	-0.000	0.4000	0.032	-0.002	0.4000	0.002	-0.000	0.4000	-0.001	0.000	0.4000	0.009	-0.002	0.4000	0.041	-0.002	0.4000	0.010	0.000	0.4000	0.009	-0.000	0.4000	0.058	-0.002
0.4500	0.007	0.001	0.4500	0.028	0.000	0.4500	0.000	0.000	0.4500	-0.001	0.003	0.4500	0.007	-0.001	0.4500	0.033	-0.000	0.4500	0.007	-0.001	0.4500	0.008	-0.000	0.4500	0.055	-0.001
0.5000	0.005	-0.000	0.5000	0.024	-0.001	0.5000	-0.002	0.000	0.5000	0.008	-0.002	0.5000	0.003	-0.000	0.5000	0.033	0.002	0.5000	0.006	-0.002	0.5000	0.008	-0.002	0.5000	0.052	-0.002
0.5950	0.003	0.001	0.5950	0.018	0.001	0.5950	-0.000	0.001	0.5950	0.014	-0.004	0.5950	0.002	-0.002	0.5950	0.017	0.001	0.5950	0.004	-0.000	0.5950	0.008	-0.002	0.5950	0.046	-0.002
0.7050	-0.003	0.000	0.7050	0.007	0.003	0.7050	-0.000	-0.001	0.7050	0.001	-0.001	0.7050	-0.002	0.001	0.7050	0.016	0.003	0.7050	0.003	0.000	0.7050	-0.001	-0.001	0.7050	0.033	-0.001
0.8000	-0.004	-0.001	0.8000	0.000	0.002	0.8000	-0.001	0.000	0.8000	-0.006	0.001	0.8000	-0.001	0.001	0.8000	0.012	0.003	0.8000	-0.002	0.000	0.8000	-0.000	0.000	0.8000	0.032	-0.000
0.9000	-0.009	-0.001	0.9000	-0.007	0.003	0.9000	-0.001	-0.000	0.9000	-0.009	0.003	0.9000	-0.003	-0.001	0.9000	-0.004	-0.001	0.9000	-0.003	0.001	0.9000	-0.003	0.001	0.9000	0.021	0.002
0.9500	-0.009	-0.000	0.9500	-0.007	0.004	0.9500	-0.004	0.003	0.9500	-0.008	0.002	0.9500	-0.009	0.001	0.9500	-0.008	0.003	0.9500	-0.006	0.001	0.9500	-0.003	0.001	0.9500	0.015	-0.001
0.9900	-0.001	0.000	0.9900	-0.007	0.004	0.9900	0.001	0.003	0.9900	-0.021	0.001	0.9900	-0.021	0.006	0.9900	-0.024	0.006	0.9900	-0.008	0.001	0.9900	-0.001	-0.001	0.9900	0.008	-0.002
1.0000	0.002	0.000	1.0000	-0.007	0.004	1.0000	0.003	0.002	1.0000	-0.026	0.001	1.0000	-0.025	0.007	1.0000	-0.030	0.006	1.0000	-0.008	0.001	1.0000	0.000	-0.002	1.0000	0.005	-0.002

TABLE IX.- SECTION COEFFICIENTS FOR THE WING WITH THE MODEL AT 0° SIDESLIP. VALUES FOR 2y/b OF 0.175 AND 1.0 WERE OBTAINED BY EXTRAPOLATION

(a) BVW

2y/b	C_{N_W}	$C_{m_{LE}}$	$\left(\frac{Xcp}{c}\right)_W$	$\frac{c}{c_{av}}C_{N_W}$
M = 0.701		α = -04.38		
0.175	-0.143	.0468	0.328	-0.235
0.200	-0.157	.0558	0.355	-0.251
0.250	-0.171	.0618	0.362	-0.256
0.300	-0.165	.0520	0.315	-0.230
0.400	-0.184	.0563	0.305	-0.221
0.600	-0.250	.0674	0.269	-0.200
0.800	-0.414	.1379	0.333	-0.165
1.000	0.000	.0000	0.000	0.000
M = 0.702		α = -00.35		
0.175	-0.002	-.0004	-0.184	-0.003
0.200	-0.004	.0030	0.681	-0.006
0.250	-0.006	.0050	0.872	-0.008
0.300	-0.004	.0010	0.271	-0.005
0.400	-0.004	.0027	0.672	-0.004
0.600	-0.012	.0057	0.485	-0.009
0.800	-0.002	-.0023	-1.280	-0.000
1.000	0.000	.0000	0.000	0.000
M = 0.702		α = 03.83		
0.175	0.171	-.0680	0.398	0.282
0.200	0.170	-.0615	0.363	0.271
0.250	0.172	-.0550	0.320	0.257
0.300	0.181	-.0567	0.314	0.253
0.400	0.201	-.0583	0.290	0.241
0.600	0.267	-.0653	0.244	0.213
0.800	0.484	-.1888	0.390	0.193
1.000	0.000	.0000	0.000	0.000
M = 0.698		α = 07.66		
0.175	0.328	-.1132	0.345	0.542
0.200	0.335	-.1123	0.335	0.535
0.250	0.353	-.1111	0.315	0.529
0.300	0.379	-.1108	0.293	0.530
0.400	0.446	-.1149	0.258	0.534
0.600	0.656	-.2028	0.309	0.524
0.800	0.694	-.3231	0.465	0.277
1.000	0.000	.0000	0.000	0.000
M = 0.699		α = 11.79		
0.175	0.514	-.1711	0.333	0.849
0.200	0.542	-.1751	0.323	0.866
0.250	0.590	-.1796	0.304	0.884
0.300	0.629	-.1797	0.285	0.881
0.400	0.768	-.2117	0.276	0.921
0.600	1.108	-.4701	0.424	0.886
0.800	0.729	-.2981	0.409	0.291
1.000	0.000	.0000	0.000	0.000
M = 0.698		α = 15.76		
0.175	0.727	-.2342	0.322	1.201
0.200	0.777	-.2462	0.317	1.243
0.250	0.868	-.2673	0.308	1.301
0.300	0.948	-.2849	0.300	1.327
0.400	1.122	-.3650	0.325	1.346
0.600	1.375	-.6395	0.465	1.100
0.800	0.798	-.3307	0.415	0.319
1.000	0.000	.0000	0.000	0.000

2y/b	C_{N_W}	$C_{m_{LE}}$	$\left(\frac{Xcp}{c}\right)_W$	$\frac{c}{c_{av}}C_{N_W}$
M = 0.906		α = 03.69		
0.175	0.166	-.0662	0.398	0.274
0.200	0.172	-.0661	0.383	0.275
0.250	0.183	-.0660	0.360	0.274
0.300	0.192	-.0663	0.345	0.269
0.400	0.215	-.0691	0.321	0.258
0.600	0.289	-.0777	0.269	0.230
0.800	0.554	-.2310	0.417	0.221
1.000	0.000	.0000	0.000	0.000
M = 0.952		α = 03.78		
0.175	0.196	-.0932	0.474	0.324
0.200	0.205	-.0955	0.467	0.327
0.250	0.219	-.0996	0.454	0.329
0.300	0.233	-.1027	0.441	0.325
0.400	0.255	-.1050	0.412	0.305
0.600	0.341	-.1204	0.353	0.273
0.800	0.648	-.2958	0.456	0.259
1.000	0.000	.0000	0.000	0.000
M = 1.005		α = 03.88		
0.175	0.182	-.0849	0.466	0.301
0.200	0.191	-.0872	0.458	0.304
0.250	0.204	-.0905	0.443	0.306
0.300	0.215	-.0921	0.428	0.301
0.400	0.243	-.0990	0.408	0.291
0.600	0.319	-.1116	0.350	0.255
0.800	0.613	-.2839	0.463	0.245
1.000	0.000	.0000	0.000	0.000
M = 1.045		α = 03.88		
0.175	0.173	-.0783	0.452	0.286
0.200	0.179	-.0799	0.446	0.286
0.250	0.191	-.0827	0.433	0.286
0.300	0.203	-.0847	0.418	0.283
0.400	0.227	-.0902	0.397	0.272
0.600	0.301	-.1048	0.349	0.240
0.800	0.573	-.2623	0.458	0.229
1.000	0.000	.0000	0.000	0.000
M = 1.094		α = 03.88		
0.175	0.171	-.0746	0.435	0.283
0.200	0.175	-.0757	0.433	0.279
0.250	0.184	-.0779	0.422	0.276
0.300	0.198	-.0799	0.404	0.277
0.400	0.219	-.0829	0.379	0.262
0.600	0.293	-.0986	0.336	0.234
0.800	0.563	-.2597	0.461	0.225
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = -04.13		
0.175	-0.139	.0648	0.466	-0.229
0.200	-0.143	.0654	0.459	-0.228
0.250	-0.152	.0677	0.447	-0.227
0.300	-0.163	.0715	0.439	-0.227
0.400	-0.188	.0802	0.426	-0.225
0.600	-0.269	.1043	0.387	-0.215
0.800	-0.406	.1628	0.401	-0.162
1.000	0.000	.0000	0.000	0.000

2y/b	C_{N_W}	$C_{m_{LE}}$	$\left(\frac{Xcp}{c}\right)_W$	$\frac{c}{c_{av}}C_{N_W}$
M = 1.299		α = -00.05		
0.175	0.001	.0017	-1.850	0.001
0.200	0.002	.0017	-0.884	0.003
0.250	0.004	.0010	-0.282	0.005
0.300	0.005	-.0005	0.111	0.006
0.400	0.004	.0017	-0.423	0.004
0.600	0.007	-.0003	0.049	0.005
0.800	0.016	-.0074	0.449	0.006
1.000	0.000	.0000	0.000	0.000
M = 1.302		α = 03.88		
0.175	0.142	-.0619	0.436	0.234
0.200	0.147	-.0634	0.432	0.234
0.250	0.157	-.0660	0.421	0.234
0.300	0.167	-.0683	0.409	0.233
0.400	0.187	-.0726	0.389	0.224
0.600	0.254	-.0911	0.359	0.202
0.800	0.434	-.1880	0.433	0.173
1.000	0.000	.0000	0.000	0.000
M = 1.298		α = 07.81		
0.175	0.303	-.1372	0.452	0.501
0.200	0.309	-.1378	0.446	0.494
0.250	0.325	-.1407	0.433	0.488
0.300	0.350	-.1460	0.418	0.489
0.400	0.395	-.1561	0.395	0.473
0.600	0.563	-.2362	0.420	0.450
0.800	0.675	-.3279	0.486	0.269
1.000	0.000	.0000	0.000	0.000
M = 1.301		α = 11.89		
0.175	0.453	-.2000	0.442	0.748
0.200	0.466	-.2046	0.440	0.744
0.250	0.498	-.2138	0.429	0.746
0.300	0.540	-.2230	0.413	0.755
0.400	0.616	-.2508	0.407	0.739
0.600	0.825	-.4061	0.493	0.659
0.800	0.797	-.3829	0.481	0.318
1.000	0.000	.0000	0.000	0.000
M = 1.300		α = 15.91		
0.175	0.621	-.2771	0.446	1.025
0.200	0.649	-.2842	0.438	1.038
0.250	0.705	-.3018	0.428	1.057
0.300	0.763	-.3242	0.425	1.067
0.400	0.877	-.3916	0.447	1.052
0.600	0.975	-.4825	0.495	0.780
0.800	0.951	-.4723	0.496	0.380
1.000	0.000	.0000	0.000	0.000
M = 1.502		α = 03.78		
0.175	0.131	-.0576	0.439	0.216
0.200	0.130	-.0571	0.439	0.208
0.250	0.136	-.0589	0.433	0.203
0.300	0.153	-.0645	0.422	0.214
0.400	0.166	-.0662	0.399	0.199
0.600	0.220	-.0810	0.368	0.176
0.800	0.340	-.1277	0.376	0.135
1.000	0.000	.0000	0.000	0.000

2y/b	C_{N_W}	$C_{m_{LE}}$	$\left(\frac{Xcp}{c}\right)_W$	$\frac{c}{c_{av}}C_{N_W}$
M = 1.701		α = 03.73		
0.175	0.109	-.0466	0.426	0.180
0.200	0.112	-.0476	0.425	0.179
0.250	0.122	-.0514	0.422	0.182
0.300	0.137	-.0575	0.420	0.191
0.400	0.154	-.0609	0.394	0.185
0.600	0.207	-.0775	0.375	0.165
0.800	0.296	-.1278	0.431	0.118
1.000	0.000	.0000	0.000	0.000
M = 1.906		α = 03.93		
0.175	0.100	-.0384	0.384	0.165
0.200	0.104	-.0406	0.391	0.166
0.250	0.115	-.0454	0.395	0.172
0.300	0.130	-.0505	0.390	0.181
0.400	0.146	-.0551	0.379	0.174
0.600	0.173	-.0662	0.382	0.138
0.800	0.244	-.1108	0.454	0.097
1.000	0.000	.0000	0.000	0.000
M = 2.227		α = -03.78		
0.175	-0.080	.0405	0.509	-0.131
0.200	-0.074	.0347	0.466	-0.119
0.250	-0.068	.0282	0.412	-0.102
0.300	-0.068	.0283	0.418	-0.094
0.400	-0.080	.0325	0.406	-0.095
0.600	-0.111	.0463	0.419	-0.088
0.800	-0.128	.0575	0.450	-0.051
1.000	0.000	.0000	0.000	0.000
M = 2.230		α = 00.30		
0.175	-0.007	.0089	1.219	-0.012
0.200	-0.000	.0036	0.000	-0.000
0.250	0.010	-.0033	0.322	0.015
0.300	0.015	-.0053	0.350	0.021
0.400	0.016	-.0058	0.356	0.019
0.600	0.014	-.0051	0.351	0.011
0.800	0.024	-.0128	0.542	0.009
1.000	0.000	.0000	0.000	0.000
M = 2.231		α = 04.08		
0.175	0.083	-.0288	0.348	0.136
0.200	0.090	-.0340	0.379	0.143
0.250	0.105	-.0426	0.405	0.157
0.300	0.122	-.0488	0.399	0.171
0.400	0.129	-.0514	0.398	0.154
0.600	0.164	-.0713	0.436	0.130
0.800	0.188	-.0873	0.463	0.075
1.000	0.000	.0000	0.000	0.000
M = 2.238		α = 08.26		
0.175	0.171	-.0677	0.397	0.282
0.200	0.179	-.0724	0.405	0.286
0.250	0.198	-.0819	0.415	0.296
0.300	0.220	-.0920	0.417	0.308
0.400	0.247	-.1088	0.440	0.296
0.600	0.274	-.1227	0.448	0.219
0.800	0.310	-.1435	0.463	0.123
1.000	0.000	.0000	0.000	0.000

2y/b	C_{N_W}	$C_{m_{LE}}$	$\left(\frac{Xcp}{c}\right)_W$	$\frac{c}{c_{av}}C_{N_W}$
M = 2.231		α = 12.09		
0.175	0.262	-.1100	0.419	0.433
0.200	0.276	-.1170	0.424	0.440
0.250	0.301	-.1305	0.434	0.450
0.300	0.324	-.1437	0.443	0.453
0.400	0.343	-.1580	0.460	0.412
0.600	0.358	-.1646	0.460	0.286
0.800	0.395	-.1864	0.472	0.157
1.000	0.000	.0000	0.000	0.000
M = 2.239		α = 16.31		
0.175	0.370	-.1634	0.441	0.611
0.200	0.388	-.1728	0.445	0.620
0.250	0.417	-.1891	0.453	0.625
0.300	0.439	-.2024	0.461	0.615
0.400	0.453	-.2120	0.467	0.544
0.600	0.470	-.2216	0.472	0.375
0.800	0.499	-.2384	0.478	0.199
1.000	0.000	.0000	0.000	0.000

TABLE IX.- SECTION COEFFICIENTS FOR THE WING WITH THE MODEL AT 0° SIDESLIP. VALUES FOR 2y/b OF 0.175 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4^\circ$

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{c_{av}} c_{N_w}$
M = 0.699		α = -04.23		
0.175	-0.098	.0410	0.420	-0.161
0.200	-0.107	.0443	0.413	-0.171
0.250	-0.124	.0489	0.393	-0.186
0.300	-0.139	.0510	0.366	-0.195
0.400	-0.177	.0584	0.330	-0.212
0.600	-0.236	.0623	0.264	-0.189
0.800	-0.408	.1352	0.332	-0.163
1.000	0.000	.0000	0.000	0.000
M = 0.696		α = -00.20		
0.175	0.008	-.0021	0.248	0.013
0.200	0.007	-.0021	0.313	0.010
0.250	0.003	-.0004	0.119	0.004
0.300	-0.001	.0036	4.818	-0.001
0.400	-0.006	.0046	0.776	-0.007
0.600	-0.003	-.0040	-1.333	-0.002
0.800	0.002	-.0036	1.460	0.000
1.000	0.000	.0000	0.000	0.000
M = 0.695		α = 03.73		
0.175	0.130	-.0529	0.407	0.214
0.200	0.128	-.0506	0.397	0.204
0.250	0.135	-.0506	0.376	0.201
0.300	0.157	-.0567	0.361	0.219
0.400	0.175	-.0534	0.304	0.210
0.600	0.243	-.0594	0.244	0.194
0.800	0.442	-.1616	0.366	0.176
1.000	0.000	.0000	0.000	0.000
M = 0.697		α = 07.66		
0.175	0.272	-.1062	0.390	0.450
0.200	0.280	-.1070	0.383	0.447
0.250	0.296	-.1081	0.365	0.444
0.300	0.317	-.1087	0.343	0.443
0.400	0.381	-.1095	0.288	0.456
0.600	0.583	-.1635	0.280	0.466
0.800	0.742	-.3569	0.481	0.296
1.000	0.000	.0000	0.000	0.000
M = 0.702		α = 11.74		
0.175	0.466	-.1767	0.379	0.770
0.200	0.475	-.1775	0.374	0.760
0.250	0.501	-.1786	0.357	0.750
0.300	0.537	-.1788	0.333	0.752
0.400	0.652	-.1901	0.292	0.781
0.600	1.010	-.3919	0.388	0.807
0.800	0.758	-.3116	0.411	0.303
1.000	0.000	.0000	0.000	0.000
M = 0.696		α = 15.72		
0.175	0.673	-.2452	0.364	1.111
0.200	0.692	-.2501	0.362	1.106
0.250	0.741	-.2592	0.350	1.111
0.300	0.808	-.2676	0.331	1.131
0.400	0.977	-.3128	0.320	1.171
0.600	1.344	-.5910	0.440	1.074
0.800	0.832	-.3424	0.412	0.332
1.000	0.000	.0000	0.000	0.000

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{c_{av}} c_{N_w}$
M = 0.904		α = 03.73		
0.175	0.142	-.0651	0.458	0.234
0.200	0.141	-.0624	0.442	0.226
0.250	0.150	-.0629	0.420	0.224
0.300	0.172	-.0708	0.411	0.240
0.400	0.217	-.0824	0.380	0.260
0.600	0.273	-.0739	0.271	0.218
0.800	0.528	-.2092	0.397	0.211
1.000	0.000	.0000	0.000	0.000
M = 0.951		α = 03.77		
0.175	0.159	-.0810	0.509	0.262
0.200	0.165	-.0845	0.511	0.264
0.250	0.179	-.0893	0.498	0.268
0.300	0.195	-.0911	0.467	0.272
0.400	0.225	-.0941	0.418	0.270
0.600	0.310	-.1037	0.334	0.248
0.800	0.604	-.2572	0.426	0.241
1.000	0.000	.0000	0.000	0.000
M = 1.000		α = 03.88		
0.175	0.156	-.0834	0.534	0.257
0.200	0.160	-.0842	0.525	0.256
0.250	0.171	-.0863	0.504	0.256
0.300	0.185	-.0892	0.481	0.259
0.400	0.218	-.0927	0.426	0.261
0.600	0.305	-.1084	0.356	0.243
0.800	0.589	-.2597	0.441	0.235
1.000	0.000	.0000	0.000	0.000
M = 1.045		α = 03.88		
0.175	0.151	-.0797	0.527	0.250
0.200	0.153	-.0797	0.521	0.244
0.250	0.161	-.0808	0.501	0.242
0.300	0.177	-.0837	0.473	0.247
0.400	0.201	-.0844	0.420	0.241
0.600	0.288	-.1023	0.355	0.230
0.800	0.551	-.2381	0.432	0.220
1.000	0.000	.0000	0.000	0.000
M = 1.097		α = 03.88		
0.175	0.135	-.0657	0.486	0.223
0.200	0.138	-.0663	0.481	0.220
0.250	0.148	-.0680	0.461	0.221
0.300	0.163	-.0707	0.433	0.228
0.400	0.192	-.0755	0.393	0.230
0.600	0.281	-.0933	0.333	0.224
0.800	0.528	-.2411	0.457	0.211
1.000	0.000	.0000	0.000	0.000
M = 1.303		α = -04.08		
0.175	-0.099	.0557	0.562	-0.163
0.200	-0.104	.0580	0.555	-0.167
0.250	-0.117	.0628	0.535	-0.175
0.300	-0.133	.0678	0.510	-0.186
0.400	-0.164	.0760	0.464	-0.196
0.600	-0.240	.0950	0.396	-0.191
0.800	-0.375	.1459	0.389	-0.149
1.000	0.000	.0000	0.000	0.000

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{c_{av}} c_{N_w}$
M = 1.303		α = -00.05		
0.175	0.006	-.0014	0.223	0.010
0.200	0.004	.0003	-0.069	0.007
0.250	0.002	.0020	-0.835	0.003
0.300	0.002	.0016	-0.698	0.003
0.400	-0.002	.0044	1.999	-0.002
0.600	0.006	-.0009	0.170	0.004
0.800	0.010	-.0059	0.587	0.004
1.000	0.000	.0000	0.000	0.000
M = 1.302		α = 03.93		
0.175	0.113	-.0590	0.523	0.186
0.200	0.118	-.0602	0.509	0.189
0.250	0.129	-.0625	0.485	0.193
0.300	0.138	-.0644	0.465	0.193
0.400	0.164	-.0675	0.412	0.196
0.600	0.241	-.0908	0.377	0.192
0.800	0.411	-.1766	0.429	0.164
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = 07.81		
0.175	0.256	-.1305	0.510	0.423
0.200	0.263	-.1308	0.497	0.420
0.250	0.278	-.1322	0.476	0.416
0.300	0.294	-.1349	0.459	0.411
0.400	0.339	-.1419	0.418	0.406
0.600	0.516	-.2085	0.404	0.412
0.800	0.667	-.3271	0.490	0.266
1.000	0.000	.0000	0.000	0.000
M = 1.301		α = 11.79		
0.175	0.408	-.1978	0.484	0.674
0.200	0.418	-.2017	0.482	0.668
0.250	0.441	-.2076	0.471	0.661
0.300	0.468	-.2115	0.452	0.655
0.400	0.542	-.2283	0.421	0.650
0.600	0.799	-.3864	0.484	0.639
0.800	0.791	-.3859	0.488	0.316
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = 15.82		
0.175	0.574	-.2745	0.479	0.947
0.200	0.589	-.2782	0.472	0.942
0.250	0.629	-.2890	0.460	0.943
0.300	0.681	-.3042	0.447	0.952
0.400	0.775	-.3433	0.443	0.929
0.600	0.952	-.4736	0.497	0.761
0.800	0.943	-.4687	0.497	0.377
1.000	0.000	.0000	0.000	0.000
M = 1.497		α = 03.83		
0.175	0.099	-.0518	0.521	0.164
0.200	0.104	-.0529	0.508	0.166
0.250	0.114	-.0560	0.489	0.171
0.300	0.126	-.0604	0.478	0.176
0.400	0.149	-.0639	0.429	0.178
0.600	0.203	-.0759	0.374	0.162
0.800	0.315	-.1247	0.395	0.126
1.000	0.000	.0000	0.000	0.000

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{c_{av}} c_{N_w}$
M = 1.695		α = 03.78		
0.175	0.087	-.0449	0.514	0.144
0.200	0.092	-.0456	0.497	0.146
0.250	0.101	-.0480	0.474	0.151
0.300	0.112	-.0518	0.462	0.156
0.400	0.134	-.0554	0.414	0.160
0.600	0.189	-.0708	0.375	0.151
0.800	0.294	-.1228	0.418	0.117
1.000	0.000	.0000	0.000	0.000
M = 1.903		α = 03.98		
0.175	0.080	-.0342	0.431	0.131
0.200	0.087	-.0376	0.433	0.138
0.250	0.100	-.0436	0.437	0.149
0.300	0.112	-.0491	0.440	0.156
0.400	0.131	-.0502	0.383	0.157
0.600	0.181	-.0676	0.375	0.144
0.800	0.267	-.1207	0.452	0.106
1.000	0.000	.0000	0.000	0.000
M = 2.227		α = -03.88		
0.175	-0.064	.0344	0.540	-0.105
0.200	-0.060	.0314	0.528	-0.095
0.250	-0.059	.0284	0.485	-0.087
0.300	-0.067	.0290	0.434	-0.093
0.400	-0.079	.0326	0.412	-0.094
0.600	-0.115	.0469	0.407	-0.092
0.800	-0.145	.0646	0.447	-0.057
1.000	0.000	.0000	0.000	0.000
M = 2.230		α = 00.35		
0.175	-0.020	.0127	0.619	-0.033
0.200	-0.016	.0105	0.638	-0.026
0.250	-0.012	.0069	0.592	-0.017
0.300	-0.011	.0043	0.385	-0.015
0.400	-0.015	.0068	0.436	-0.018
0.600	-0.025	.0110	0.442	-0.019
0.800	-0.029	.0127	0.447	-0.011
1.000	0.000	.0000	0.000	0.000
M = 2.230		α = 04.28		
0.175	0.071	-.0310	0.435	0.117
0.200	0.079	-.0343	0.432	0.127
0.250	0.093	-.0400	0.432	0.139
0.300	0.102	-.0448	0.439	0.142
0.400	0.118	-.0475	0.403	0.141
0.600	0.154	-.0642	0.416	0.123
0.800	0.191	-.0866	0.453	0.076
1.000	0.000	.0000	0.000	0.000
M = 2.234		α = 08.26		
0.175	0.162	-.0717	0.443	0.267
0.200	0.170	-.0751	0.441	0.272
0.250	0.185	-.0810	0.437	0.277
0.300	0.198	-.0858	0.434	0.276
0.400	0.225	-.0937	0.417	0.269
0.600	0.269	-.1197	0.445	0.215
0.800	0.309	-.1435	0.464	0.123
1.000	0.000	.0000	0.000	0.000

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{c_{av}} c_{N_w}$
M = 2.234		α = 12.24		
0.175	0.249	-.1144	0.460	0.411
0.200	0.259	-.1169	0.451	0.414
0.250	0.277	-.1225	0.443	0.415
0.300	0.292	-.1290	0.443	0.408
0.400	0.323	-.1434	0.444	0.387
0.600	0.357	-.1631	0.457	0.285
0.800	0.395	-.1860	0.471	0.158
1.000	0.000	.0000	0.000	0.000
M = 2.230		α = 16.17		
0.175	0.329	-.1526	0.463	0.544
0.200	0.347	-.1596	0.460	0.554
0.250	0.374	-.1716	0.459	0.561
0.300	0.393	-.1812	0.461	0.549
0.400	0.416	-.1914	0.460	0.499
0.600	0.446	-.2089	0.469	0.356
0.800	0.476	-.2264	0.476	0.190
1.000	0.000	.0000	0.000	0.000

TABLE IX.- SECTION COEFFICIENTS FOR THE WING WITH THE MODEL AT 0° SIDESLIP. VALUES FOR 2y/b OF 0.175 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$

2y/b	C_{N_W}	$C_{m_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_W$	$\frac{c}{\bar{c}_{av}} C_{N_W}$
M = 0.702		α = -04.23		
0.175	-0.143	.0470	0.328	-0.236
0.200	-0.152	.0484	0.319	-0.242
0.250	-0.165	.0506	0.306	-0.248
0.300	-0.175	.0521	0.298	-0.244
0.400	-0.192	.0577	0.301	-0.229
0.600	-0.255	.0685	0.269	-0.203
0.800	-0.421	.1433	0.340	-0.168
1.000	0.000	.0000	0.000	0.000
M = 0.697		α = -00.20		
0.175	-0.039	-.0001	-0.002	-0.065
0.200	-0.047	.0014	0.031	-0.074
0.250	-0.059	.0053	0.089	-0.089
0.300	-0.070	.0103	0.148	-0.097
0.400	-0.007	.0023	0.311	-0.008
0.600	-0.000	.0038	0.000	-0.000
0.800	0.007	-.0017	0.228	0.002
1.000	0.000	.0000	0.000	0.000
M = 0.698		α = 03.73		
0.175	0.059	-.0445	0.760	0.096
0.200	0.039	-.0425	1.092	0.062
0.250	0.035	-.0421	1.200	0.052
0.300	0.077	-.0464	0.600	0.108
0.400	0.194	-.0689	0.354	0.233
0.600	0.234	-.0553	0.236	0.187
0.800	0.439	-.1620	0.369	0.175
1.000	0.000	.0000	0.000	0.000
M = 0.701		α = 07.76		
0.175	0.200	-.0898	0.449	0.330
0.200	0.217	-.0925	0.426	0.347
0.250	0.268	-.1074	0.400	0.402
0.300	0.343	-.1347	0.393	0.480
0.400	0.398	-.1427	0.358	0.477
0.600	0.573	-.1989	0.347	0.458
0.800	0.582	-.2570	0.442	0.232
1.000	0.000	.0000	0.000	0.000
M = 0.695		α = 11.88		
0.175	0.420	-.1749	0.416	0.694
0.200	0.432	-.1755	0.407	0.690
0.250	0.464	-.1797	0.388	0.695
0.300	0.508	-.1879	0.370	0.711
0.400	0.619	-.1990	0.321	0.743
0.600	0.965	-.3741	0.388	0.771
0.800	0.716	-.2948	0.411	0.286
1.000	0.000	.0000	0.000	0.000
M = 0.697		α = 15.86		
0.175	0.647	-.2510	0.388	1.069
0.200	0.668	-.2556	0.383	1.068
0.250	0.718	-.2649	0.369	1.077
0.300	0.780	-.2745	0.352	1.092
0.400	0.938	-.3115	0.332	1.125
0.600	1.307	-.5659	0.433	1.045
0.800	0.829	-.3382	0.408	0.331
1.000	0.000	.0000	0.000	0.000

2y/b	C_{N_W}	$C_{m_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_W$	$\frac{c}{\bar{c}_{av}} C_{N_W}$
M = 0.906		α = 03.78		
0.175	0.074	-.0612	0.824	0.122
0.200	0.058	-.0609	1.058	0.092
0.250	0.053	-.0620	1.170	0.079
0.300	0.086	-.0653	0.759	0.120
0.400	0.224	-.0842	0.376	0.268
0.600	0.293	-.0778	0.266	0.234
0.800	0.574	-.2456	0.428	0.229
1.000	0.000	.0000	0.000	0.000
M = 0.953		α = 03.92		
0.175	0.103	-.0910	0.880	0.170
0.200	0.094	-.0930	0.991	0.150
0.250	0.097	-.0978	1.010	0.145
0.300	0.129	-.1040	0.805	0.180
0.400	0.265	-.1236	0.466	0.318
0.600	0.338	-.1192	0.352	0.270
0.800	0.666	-.3030	0.455	0.266
1.000	0.000	.0000	0.000	0.000
M = 1.005		α = 04.03		
0.175	0.087	-.0783	0.895	0.144
0.200	0.078	-.0789	1.011	0.124
0.250	0.082	-.0827	1.013	0.122
0.300	0.115	-.0899	0.784	0.160
0.400	0.249	-.1135	0.455	0.299
0.600	0.310	-.1120	0.361	0.248
0.800	0.602	-.2710	0.450	0.240
1.000	0.000	.0000	0.000	0.000
M = 1.048		α = 04.03		
0.175	0.060	-.0586	0.975	0.099
0.200	0.057	-.0628	1.096	0.091
0.250	0.066	-.0700	1.068	0.098
0.300	0.092	-.0759	0.822	0.129
0.400	0.224	-.1025	0.457	0.269
0.600	0.272	-.0993	0.365	0.217
0.800	0.517	-.2146	0.415	0.206
1.000	0.000	.0000	0.000	0.000
M = 1.100		α = 04.08		
0.175	0.059	-.0550	0.939	0.096
0.200	0.050	-.0573	1.155	0.079
0.250	0.053	-.0631	1.201	0.078
0.300	0.083	-.0707	0.852	0.116
0.400	0.203	-.0925	0.455	0.244
0.600	0.262	-.0941	0.360	0.209
0.800	0.503	-.2185	0.434	0.201
1.000	0.000	.0000	0.000	0.000
M = 1.297		α = -04.13		
0.175	-0.142	.0590	0.416	-0.234
0.200	-0.151	.0629	0.418	-0.240
0.250	-0.167	.0693	0.414	-0.250
0.300	-0.184	.0739	0.403	-0.256
0.400	-0.202	.0826	0.409	-0.242
0.600	-0.263	.1022	0.389	-0.210
0.800	-0.404	.1616	0.399	-0.161
1.000	0.000	.0000	0.000	0.000

2y/b	C_{N_W}	$C_{m_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_W$	$\frac{c}{\bar{c}_{av}} C_{N_W}$
M = 1.303		α = -00.15		
0.175	-0.056	.0089	0.158	-0.092
0.200	-0.056	.0091	0.163	-0.089
0.250	-0.061	.0106	0.175	-0.091
0.300	-0.074	.0137	0.186	-0.102
0.400	-0.031	.0131	0.424	-0.037
0.600	-0.010	.0031	0.318	-0.007
0.800	-0.013	.0031	0.232	-0.005
1.000	0.000	.0000	0.000	0.000
M = 1.301		α = 03.93		
0.175	0.050	-.0520	1.040	0.082
0.200	0.044	-.0532	1.199	0.070
0.250	0.045	-.0564	1.247	0.067
0.300	0.062	-.0606	0.980	0.086
0.400	0.183	-.0861	0.471	0.219
0.600	0.224	-.0877	0.392	0.178
0.800	0.383	-.1598	0.418	0.153
1.000	0.000	.0000	0.000	0.000
M = 1.297		α = 07.86		
0.175	0.201	-.1161	0.576	0.332
0.200	0.214	-.1205	0.562	0.343
0.250	0.243	-.1292	0.531	0.364
0.300	0.277	-.1380	0.499	0.387
0.400	0.323	-.1430	0.443	0.387
0.600	0.494	-.2042	0.413	0.395
0.800	0.637	-.3115	0.489	0.254
1.000	0.000	.0000	0.000	0.000
M = 1.297		α = 11.94		
0.175	0.386	-.2054	0.532	0.637
0.200	0.397	-.2056	0.518	0.634
0.250	0.420	-.2086	0.496	0.630
0.300	0.448	-.2149	0.480	0.627
0.400	0.527	-.2295	0.435	0.632
0.600	0.774	-.3669	0.474	0.619
0.800	0.787	-.3848	0.489	0.314
1.000	0.000	.0000	0.000	0.000
M = 1.300		α = 15.87		
0.175	0.553	-.2774	0.501	0.914
0.200	0.567	-.2797	0.493	0.906
0.250	0.601	-.2873	0.478	0.902
0.300	0.647	-.2990	0.462	0.905
0.400	0.751	-.3340	0.445	0.901
0.600	0.956	-.4745	0.496	0.765
0.800	0.947	-.4734	0.500	0.378
1.000	0.000	.0000	0.000	0.000
M = 1.498		α = 03.73		
0.175	0.031	-.0366	1.169	0.051
0.200	0.028	-.0381	1.358	0.044
0.250	0.031	-.0425	1.354	0.047
0.300	0.048	-.0488	1.026	0.066
0.400	0.154	-.0701	0.455	0.184
0.600	0.187	-.0683	0.365	0.149
0.800	0.293	-.1127	0.384	0.117
1.000	0.000	.0000	0.000	0.000

2y/b	C_{N_W}	$C_{m_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_W$	$\frac{c}{\bar{c}_{av}} C_{N_W}$
M = 1.697		α = 03.88		
0.175	0.031	-.0309	0.986	0.051
0.200	0.028	-.0340	1.199	0.045
0.250	0.033	-.0400	1.221	0.049
0.300	0.051	-.0458	0.904	0.071
0.400	0.135	-.0604	0.447	0.161
0.600	0.185	-.0690	0.374	0.147
0.800	0.291	-.1212	0.416	0.116
1.000	0.000	.0000	0.000	0.000
M = 1.904		α = 04.08		
0.175	0.044	-.0276	0.627	0.072
0.200	0.046	-.0321	0.706	0.072
0.250	0.058	-.0412	0.713	0.086
0.300	0.083	-.0506	0.613	0.115
0.400	0.131	-.0555	0.423	0.157
0.600	0.193	-.0734	0.381	0.154
0.800	0.277	-.1244	0.449	0.110
1.000	0.000	.0000	0.000	0.000
M = 2.225		α = -03.78		
0.175	-0.085	.0377	0.442	-0.140
0.200	-0.084	.0353	0.421	-0.134
0.250	-0.084	.0323	0.386	-0.125
0.300	-0.087	.0315	0.362	-0.121
0.400	-0.088	.0351	0.397	-0.105
0.600	-0.112	.0477	0.426	-0.089
0.800	-0.133	.0606	0.456	-0.053
1.000	0.000	.0000	0.000	0.000
M = 2.228		α = 00.35		
0.175	-0.037	.0122	0.331	-0.060
0.200	-0.036	.0099	0.275	-0.057
0.250	-0.034	.0062	0.182	-0.051
0.300	-0.033	.0038	0.117	-0.045
0.400	-0.004	.0021	0.547	-0.004
0.600	0.006	-.0001	0.019	0.005
0.800	0.016	-.0051	0.321	0.006
1.000	0.000	.0000	0.000	0.000
M = 2.228		α = 04.28		
0.175	0.033	-.0198	0.603	0.054
0.200	0.036	-.0242	0.680	0.056
0.250	0.047	-.0324	0.688	0.070
0.300	0.067	-.0400	0.598	0.093
0.400	0.100	-.0422	0.424	0.119
0.600	0.142	-.0582	0.410	0.113
0.800	0.182	-.0810	0.444	0.072
1.000	0.000	.0000	0.000	0.000
M = 2.235		α = 08.35		
0.175	0.128	-.0614	0.481	0.210
0.200	0.136	-.0651	0.479	0.217
0.250	0.152	-.0720	0.473	0.228
0.300	0.168	-.0781	0.464	0.235
0.400	0.196	-.0829	0.424	0.234
0.600	0.253	-.1124	0.444	0.202
0.800	0.295	-.1358	0.460	0.118
1.000	0.000	.0000	0.000	0.000

2y/b	C_{N_W}	$C_{m_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_W$	$\frac{c}{\bar{c}_{av}} C_{N_W}$
M = 2.235		α = 12.29		
0.175	0.225	-.1053	0.469	0.371
0.200	0.238	-.1096	0.460	0.380
0.250	0.260	-.1173	0.452	0.389
0.300	0.275	-.1241	0.450	0.385
0.400	0.305	-.1351	0.443	0.366
0.600	0.350	-.1603	0.458	0.280
0.800	0.387	-.1818	0.469	0.154
1.000	0.000	.0000	0.000	0.000
M = 2.232		α = 16.26		
0.175	0.304	-.1498	0.493	0.502
0.200	0.325	-.1546	0.476	0.519
0.250	0.358	-.1648	0.460	0.537
0.300	0.382	-.1762	0.461	0.534
0.400	0.401	-.1852	0.461	0.481
0.600	0.438	-.2057	0.469	0.350
0.800	0.472	-.2245	0.476	0.188
1.000	0.000	.0000	0.000	0.000

TABLE IX.- SECTION COEFFICIENTS FOR THE WING WITH THE MODEL AT 0° SIDESLIP. VALUES FOR 2y/b OF 0.175 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{Xcp}{c}\right)_w$	$\frac{c}{c_{av}}c_{N_w}$
M = 0.689		α = -04.33		
0.175	-0.158	.0622	0.393	-0.261
0.200	-0.164	.0623	0.381	-0.261
0.250	-0.174	.0627	0.360	-0.261
0.300	-0.184	.0631	0.342	-0.258
0.400	-0.205	.0663	0.324	-0.245
0.600	-0.273	.0734	0.269	-0.218
0.800	-0.466	.1690	0.363	-0.186
1.000	0.000	.0000	0.000	0.000
M = 0.690		α = -00.25		
0.175	-0.006	.0079	1.412	-0.009
0.200	-0.008	.0090	1.114	-0.012
0.250	-0.011	.0098	0.909	-0.016
0.300	-0.011	.0090	0.834	-0.015
0.400	-0.012	.0103	0.884	-0.013
0.600	-0.009	.0065	0.717	-0.007
0.800	-0.006	.0007	0.111	-0.002
1.000	0.000	.0000	0.000	0.000
M = 0.690		α = 03.83		
0.175	0.141	-.0446	0.316	0.233
0.200	0.144	-.0429	0.299	0.229
0.250	0.150	-.0418	0.279	0.224
0.300	0.158	-.0436	0.277	0.220
0.400	0.179	-.0466	0.261	0.214
0.600	0.244	-.0576	0.236	0.195
0.800	0.432	-.1600	0.370	0.172
1.000	0.000	.0000	0.000	0.000
M = 0.694		α = 07.56		
0.175	0.301	-.0953	0.317	0.497
0.200	0.305	-.0945	0.309	0.488
0.250	0.321	-.0939	0.293	0.481
0.300	0.346	-.0950	0.274	0.484
0.400	0.408	-.0990	0.243	0.489
0.600	0.616	-.1846	0.300	0.492
0.800	0.657	-.3073	0.467	0.262
1.000	0.000	.0000	0.000	0.000
M = 0.693		α = 11.74		
0.175	0.485	-.1567	0.323	0.800
0.200	0.511	-.1582	0.310	0.817
0.250	0.558	-.1611	0.288	0.837
0.300	0.600	-.1638	0.273	0.840
0.400	0.736	-.1970	0.267	0.883
0.600	1.084	-.4553	0.420	0.867
0.800	0.694	-.2818	0.406	0.277
1.000	0.000	.0000	0.000	0.000
M = 0.693		α = 15.76		
0.175	0.694	-.2172	0.313	1.147
0.200	0.744	-.2269	0.305	1.190
0.250	0.835	-.2473	0.296	1.253
0.300	0.920	-.2697	0.293	1.287
0.400	1.092	-.3503	0.321	1.310
0.600	1.343	-.6191	0.461	1.074
0.800	0.758	-.3110	0.411	0.303
1.000	0.000	.0000	0.000	0.000

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{Xcp}{c}\right)_w$	$\frac{c}{c_{av}}c_{N_w}$
M = 0.905		α = 03.69		
0.175	0.151	-.0539	0.357	0.249
0.200	0.156	-.0533	0.341	0.250
0.250	0.166	-.0529	0.319	0.248
0.300	0.174	-.0538	0.309	0.243
0.400	0.196	-.0566	0.288	0.235
0.600	0.283	-.0726	0.256	0.226
0.800	0.534	-.2237	0.419	0.213
1.000	0.000	.0000	0.000	0.000
M = 0.952		α = 03.73		
0.175	0.165	-.0657	0.399	0.271
0.200	0.172	-.0674	0.391	0.275
0.250	0.185	-.0697	0.378	0.276
0.300	0.193	-.0705	0.365	0.270
0.400	0.210	-.0687	0.328	0.251
0.600	0.293	-.0772	0.264	0.234
0.800	0.596	-.2486	0.417	0.238
1.000	0.000	.0000	0.000	0.000
M = 0.998		α = 03.83		
0.175	0.165	-.0704	0.426	0.272
0.200	0.174	-.0731	0.420	0.278
0.250	0.188	-.0770	0.410	0.281
0.300	0.198	-.0793	0.401	0.277
0.400	0.222	-.0848	0.382	0.266
0.600	0.313	-.1065	0.340	0.250
0.800	0.597	-.2705	0.453	0.238
1.000	0.000	.0000	0.000	0.000
M = 1.049		α = 03.83		
0.175	0.158	-.0670	0.424	0.260
0.200	0.163	-.0681	0.416	0.261
0.250	0.174	-.0704	0.405	0.261
0.300	0.184	-.0730	0.396	0.258
0.400	0.209	-.0790	0.378	0.250
0.600	0.303	-.1072	0.354	0.242
0.800	0.564	-.2538	0.450	0.225
1.000	0.000	.0000	0.000	0.000
M = 1.102		α = 03.88		
0.175	0.152	-.0600	0.395	0.250
0.200	0.156	-.0604	0.388	0.248
0.250	0.165	-.0623	0.378	0.247
0.300	0.177	-.0657	0.372	0.247
0.400	0.201	-.0714	0.355	0.241
0.600	0.281	-.0917	0.327	0.224
0.800	0.542	-.2464	0.454	0.216
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = -04.03		
0.175	-0.141	.0697	0.495	-0.232
0.200	-0.146	.0707	0.484	-0.233
0.250	-0.156	.0729	0.468	-0.233
0.300	-0.164	.0755	0.460	-0.229
0.400	-0.189	.0848	0.450	-0.226
0.600	-0.249	.0969	0.389	-0.199
0.800	-0.387	.1508	0.390	-0.154
1.000	0.000	.0000	0.000	0.000

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{Xcp}{c}\right)_w$	$\frac{c}{c_{av}}c_{N_w}$
M = 1.304		α = -00.15		
0.175	-0.013	.0125	0.988	-0.020
0.200	-0.013	.0138	1.024	-0.021
0.250	-0.014	.0141	1.030	-0.020
0.300	-0.012	.0115	0.948	-0.017
0.400	-0.008	.0090	1.182	-0.009
0.600	0.003	-.0000	0.003	0.002
0.800	0.005	-.0032	0.692	0.001
1.000	0.000	.0000	0.000	0.000
M = 1.304		α = 03.69		
0.175	0.121	-.0491	0.406	0.199
0.200	0.126	-.0495	0.390	0.201
0.250	0.136	-.0517	0.381	0.203
0.300	0.144	-.0555	0.385	0.202
0.400	0.168	-.0634	0.377	0.201
0.600	0.238	-.0879	0.369	0.190
0.800	0.400	-.1659	0.414	0.160
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = 07.86		
0.175	0.285	-.1260	0.441	0.471
0.200	0.296	-.1246	0.422	0.473
0.250	0.314	-.1251	0.399	0.470
0.300	0.330	-.1300	0.394	0.462
0.400	0.388	-.1462	0.376	0.466
0.600	0.569	-.2377	0.418	0.455
0.800	0.673	-.3286	0.488	0.269
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = 11.69		
0.175	0.436	-.1882	0.431	0.720
0.200	0.452	-.1937	0.429	0.722
0.250	0.486	-.2036	0.419	0.729
0.300	0.527	-.2122	0.403	0.737
0.400	0.608	-.2433	0.400	0.729
0.600	0.845	-.4174	0.494	0.675
0.800	0.791	-.3815	0.482	0.316
1.000	0.000	.0000	0.000	0.000
M = 1.300		α = 15.77		
0.175	0.589	-.2544	0.432	0.972
0.200	0.618	-.2629	0.425	0.988
0.250	0.675	-.2820	0.418	1.012
0.300	0.731	-.3047	0.417	1.023
0.400	0.850	-.3750	0.441	1.019
0.600	0.969	-.4815	0.497	0.775
0.800	0.943	-.4682	0.497	0.377
1.000	0.000	.0000	0.000	0.000
M = 1.502		α = 03.78		
0.175	0.120	-.0479	0.400	0.197
0.200	0.121	-.0491	0.405	0.193
0.250	0.131	-.0534	0.408	0.196
0.300	0.149	-.0604	0.406	0.208
0.400	0.170	-.0686	0.404	0.204
0.600	0.225	-.0844	0.374	0.180
0.800	0.336	-.1314	0.391	0.134
1.000	0.000	.0000	0.000	0.000

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{Xcp}{c}\right)_w$	$\frac{c}{c_{av}}c_{N_w}$
M = 1.699		α = 03.73		
0.175	0.103	-.0405	0.395	0.169
0.200	0.110	-.0441	0.402	0.175
0.250	0.123	-.0503	0.408	0.184
0.300	0.135	-.0550	0.407	0.189
0.400	0.150	-.0599	0.400	0.179
0.600	0.201	-.0768	0.382	0.160
0.800	0.303	-.1336	0.441	0.121
1.000	0.000	.0000	0.000	0.000
M = 1.905		α = 03.98		
0.175	0.101	-.0379	0.376	0.166
0.200	0.106	-.0413	0.390	0.169
0.250	0.117	-.0471	0.404	0.175
0.300	0.128	-.0520	0.405	0.179
0.400	0.138	-.0536	0.387	0.165
0.600	0.180	-.0694	0.386	0.143
0.800	0.246	-.1121	0.455	0.098
1.000	0.000	.0000	0.000	0.000
M = 2.231		α = -03.78		
0.175	-0.079	.0382	0.483	-0.130
0.200	-0.073	.0339	0.461	-0.117
0.250	-0.069	.0288	0.419	-0.103
0.300	-0.073	.0284	0.391	-0.101
0.400	-0.080	.0326	0.409	-0.095
0.600	-0.109	.0460	0.424	-0.086
0.800	-0.136	.0613	0.451	-0.054
1.000	0.000	.0000	0.000	0.000
M = 2.231		α = 00.20		
0.175	-0.014	.0103	0.745	-0.022
0.200	-0.006	.0060	0.937	-0.010
0.250	0.003	.0000	-0.001	0.004
0.300	0.006	-.0028	0.496	0.007
0.400	0.004	-.0010	0.221	0.005
0.600	0.004	-.0014	0.326	0.003
0.800	0.009	-.0035	0.400	0.003
1.000	0.000	.0000	0.000	0.000
M = 2.227		α = 04.28		
0.175	0.073	-.0266	0.364	0.121
0.200	0.083	-.0315	0.378	0.133
0.250	0.098	-.0390	0.399	0.146
0.300	0.106	-.0439	0.414	0.148
0.400	0.114	-.0454	0.397	0.137
0.600	0.148	-.0634	0.429	0.118
0.800	0.174	-.0789	0.455	0.069
1.000	0.000	.0000	0.000	0.000
M = 2.231		α = 08.21		
0.175	0.168	-.0673	0.401	0.277
0.200	0.179	-.0724	0.404	0.286
0.250	0.197	-.0809	0.411	0.295
0.300	0.209	-.0873	0.417	0.292
0.400	0.231	-.0986	0.427	0.277
0.600	0.265	-.1183	0.447	0.211
0.800	0.298	-.1381	0.464	0.119
1.000	0.000	.0000	0.000	0.000

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{Xcp}{c}\right)_w$	$\frac{c}{c_{av}}c_{N_w}$
M = 2.234		α = 12.19		
0.175	0.262	-.1097	0.418	0.433
0.200	0.275	-.1156	0.421	0.439
0.250	0.295	-.1262	0.427	0.442
0.300	0.310	-.1354	0.436	0.434
0.400	0.329	-.1466	0.446	0.394
0.600	0.357	-.1625	0.456	0.285
0.800	0.388	-.1827	0.470	0.155
1.000	0.000	.0000	0.000	0.000

TABLE IX.- SECTION COEFFICIENTS FOR THE WING WITH THE MODEL AT 0° SIDESLIP. VALUES FOR 2y/b OF 0.175 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{c_{av}}c_{N_w}$
M = 0.704		α = -04.33		
0.175	-0.123	.0540	0.441	-0.202
0.200	-0.129	.0557	0.432	-0.206
0.250	-0.141	.0578	0.410	-0.211
0.300	-0.152	.0583	0.384	-0.212
0.400	-0.179	.0604	0.337	-0.215
0.600	-0.243	.0660	0.272	-0.194
0.800	-0.433	.1488	0.343	-0.173
1.000	0.000	.0000	0.000	0.000
M = 0.699		α = -00.10		
0.175	-0.006	.0067	1.123	-0.009
0.200	-0.008	.0068	0.884	-0.012
0.250	-0.009	.0066	0.738	-0.013
0.300	-0.007	.0057	0.790	-0.010
0.400	-0.004	.0072	1.861	-0.004
0.600	0.007	.0018	-0.250	0.005
0.800	0.000	.0020	-5.386	0.000
1.000	0.000	.0000	0.000	0.000
M = 0.698		α = 03.83		
0.175	0.107	-.0402	0.375	0.177
0.200	0.113	-.0413	0.366	0.180
0.250	0.125	-.0440	0.351	0.187
0.300	0.140	-.0476	0.340	0.196
0.400	0.165	-.0455	0.276	0.197
0.600	0.251	-.0583	0.232	0.201
0.800	0.445	-.1708	0.384	0.178
1.000	0.000	.0000	0.000	0.000
M = 0.699		α = 07.90		
0.175	0.265	-.0991	0.374	0.437
0.200	0.275	-.1012	0.368	0.439
0.250	0.294	-.1041	0.354	0.441
0.300	0.315	-.1053	0.335	0.440
0.400	0.376	-.1022	0.272	0.450
0.600	0.609	-.1731	0.284	0.486
0.800	0.699	-.3280	0.469	0.279
1.000	0.000	.0000	0.000	0.000
M = 0.702		α = 11.74		
0.175	0.448	-.1670	0.373	0.740
0.200	0.457	-.1680	0.368	0.731
0.250	0.483	-.1697	0.352	0.723
0.300	0.520	-.1709	0.329	0.727
0.400	0.633	-.1824	0.288	0.759
0.600	0.994	-.3811	0.383	0.795
0.800	0.714	-.2895	0.405	0.285
1.000	0.000	.0000	0.000	0.000
M = 0.702		α = 15.76		
0.175	0.667	-.2406	0.361	1.102
0.200	0.686	-.2467	0.360	1.096
0.250	0.735	-.2565	0.349	1.102
0.300	0.803	-.2633	0.328	1.123
0.400	0.969	-.3094	0.319	1.163
0.600	1.341	-.5888	0.439	1.072
0.800	0.798	-.3257	0.408	0.319
1.000	0.000	.0000	0.000	0.000

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{c_{av}}c_{N_w}$
M = 0.906		α = 03.69		
0.175	0.119	-.0507	0.427	0.195
0.200	0.121	-.0503	0.417	0.192
0.250	0.130	-.0515	0.395	0.195
0.300	0.148	-.0552	0.374	0.206
0.400	0.173	-.0528	0.305	0.207
0.600	0.264	-.0652	0.247	0.211
0.800	0.508	-.2040	0.402	0.203
1.000	0.000	.0000	0.000	0.000
M = 0.954		α = 03.73		
0.175	0.123	-.0555	0.452	0.203
0.200	0.131	-.0594	0.454	0.209
0.250	0.146	-.0647	0.442	0.219
0.300	0.162	-.0668	0.413	0.226
0.400	0.184	-.0614	0.334	0.220
0.600	0.283	-.0773	0.273	0.226
0.800	0.546	-.2070	0.379	0.218
1.000	0.000	.0000	0.000	0.000
M = 0.995		α = 03.88		
0.175	0.135	-.0702	0.519	0.223
0.200	0.139	-.0716	0.514	0.223
0.250	0.153	-.0759	0.495	0.229
0.300	0.174	-.0820	0.471	0.243
0.400	0.199	-.0816	0.410	0.238
0.600	0.298	-.1026	0.345	0.238
0.800	0.570	-.2461	0.432	0.227
1.000	0.000	.0000	0.000	0.000
M = 1.047		α = 03.88		
0.175	0.127	-.0644	0.507	0.209
0.200	0.131	-.0660	0.503	0.210
0.250	0.144	-.0702	0.488	0.215
0.300	0.161	-.0753	0.467	0.225
0.400	0.189	-.0767	0.407	0.226
0.600	0.280	-.0963	0.344	0.223
0.800	0.525	-.2210	0.421	0.209
1.000	0.000	.0000	0.000	0.000
M = 1.097		α = 03.88		
0.175	0.109	-.0490	0.449	0.180
0.200	0.115	-.0518	0.449	0.184
0.250	0.130	-.0571	0.441	0.194
0.300	0.147	-.0623	0.424	0.206
0.400	0.174	-.0646	0.372	0.208
0.600	0.263	-.0868	0.330	0.210
0.800	0.505	-.2286	0.453	0.201
1.000	0.000	.0000	0.000	0.000
M = 1.300		α = -04.13		
0.175	-0.116	.0718	0.619	-0.191
0.200	-0.121	.0728	0.604	-0.192
0.250	-0.131	.0755	0.578	-0.195
0.300	-0.142	.0790	0.554	-0.199
0.400	-0.174	.0859	0.493	-0.209
0.600	-0.236	.0947	0.401	-0.188
0.800	-0.367	.1432	0.390	-0.146
1.000	0.000	.0000	0.000	0.000

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{c_{av}}c_{N_w}$
M = 1.300		α = -00.20		
0.175	-0.011	.0141	1.227	-0.018
0.200	-0.010	.0134	1.324	-0.016
0.250	-0.008	.0119	1.545	-0.011
0.300	-0.006	.0101	1.823	-0.007
0.400	-0.007	.0083	1.253	-0.007
0.600	-0.003	.0039	1.183	-0.002
0.800	0.005	-.0024	0.490	0.001
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = 03.73		
0.175	0.095	-.0435	0.460	0.156
0.200	0.101	-.0464	0.457	0.162
0.250	0.115	-.0511	0.446	0.172
0.300	0.128	-.0547	0.427	0.179
0.400	0.155	-.0607	0.391	0.186
0.600	0.226	-.0838	0.371	0.180
0.800	0.394	-.1642	0.416	0.157
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = 07.76		
0.175	0.241	-.1173	0.487	0.398
0.200	0.254	-.1226	0.483	0.405
0.250	0.276	-.1302	0.471	0.414
0.300	0.296	-.1342	0.454	0.413
0.400	0.343	-.1449	0.422	0.412
0.600	0.518	-.2092	0.404	0.414
0.800	0.676	-.3338	0.494	0.270
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = 11.89		
0.175	0.398	-.1883	0.473	0.657
0.200	0.408	-.1913	0.469	0.652
0.250	0.435	-.1985	0.456	0.652
0.300	0.471	-.2075	0.440	0.660
0.400	0.555	-.2308	0.416	0.665
0.600	0.811	-.3929	0.484	0.648
0.800	0.806	-.3921	0.486	0.322
1.000	0.000	.0000	0.000	0.000
M = 1.300		α = 15.82		
0.175	0.560	-.2627	0.469	0.924
0.200	0.583	-.2708	0.465	0.932
0.250	0.628	-.2849	0.453	0.942
0.300	0.673	-.2967	0.441	0.942
0.400	0.779	-.3404	0.437	0.935
0.600	0.957	-.4731	0.494	0.765
0.800	0.943	-.4671	0.495	0.377
1.000	0.000	.0000	0.000	0.000
M = 1.500		α = 03.73		
0.175	0.083	-.0382	0.462	0.136
0.200	0.090	-.0413	0.459	0.143
0.250	0.104	-.0466	0.449	0.155
0.300	0.117	-.0510	0.436	0.163
0.400	0.144	-.0595	0.414	0.172
0.600	0.198	-.0747	0.378	0.158
0.800	0.307	-.1201	0.391	0.122
1.000	0.000	.0000	0.000	0.000

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{c_{av}}c_{N_w}$
M = 1.700		α = 03.68		
0.175	0.078	-.0352	0.454	0.128
0.200	0.084	-.0388	0.462	0.134
0.250	0.099	-.0460	0.466	0.147
0.300	0.115	-.0530	0.459	0.161
0.400	0.133	-.0568	0.426	0.160
0.600	0.180	-.0682	0.380	0.143
0.800	0.282	-.1191	0.423	0.112
1.000	0.000	.0000	0.000	0.000
M = 1.906		α = 03.93		
0.175	0.069	-.0306	0.444	0.113
0.200	0.077	-.0348	0.450	0.123
0.250	0.092	-.0419	0.454	0.138
0.300	0.105	-.0473	0.450	0.147
0.400	0.123	-.0488	0.396	0.147
0.600	0.172	-.0651	0.378	0.137
0.800	0.235	-.1059	0.451	0.093
1.000	0.000	.0000	0.000	0.000
M = 2.227		α = -03.83		
0.175	-0.066	.0352	0.538	-0.108
0.200	-0.061	.0316	0.514	-0.098
0.250	-0.059	.0273	0.462	-0.088
0.300	-0.065	.0271	0.419	-0.090
0.400	-0.077	.0314	0.408	-0.092
0.600	-0.105	.0425	0.406	-0.083
0.800	-0.143	.0649	0.453	-0.057
1.000	0.000	.0000	0.000	0.000
M = 2.227		α = 00.20		
0.175	-0.013	.0091	0.703	-0.021
0.200	-0.007	.0055	0.754	-0.011
0.250	0.001	-.0002	0.319	0.000
0.300	0.004	-.0037	0.996	0.005
0.400	0.006	-.0022	0.367	0.007
0.600	0.012	-.0038	0.318	0.009
0.800	0.006	-.0023	0.363	0.002
1.000	0.000	.0000	0.000	0.000
M = 2.230		α = 04.18		
0.175	0.058	-.0243	0.418	0.096
0.200	0.068	-.0296	0.433	0.109
0.250	0.084	-.0376	0.447	0.126
0.300	0.095	-.0426	0.449	0.132
0.400	0.111	-.0450	0.406	0.133
0.600	0.152	-.0626	0.412	0.121
0.800	0.178	-.0796	0.448	0.071
1.000	0.000	.0000	0.000	0.000
M = 2.224		α = 08.21		
0.175	0.142	-.0632	0.444	0.235
0.200	0.153	-.0677	0.443	0.244
0.250	0.169	-.0751	0.443	0.254
0.300	0.182	-.0806	0.443	0.254
0.400	0.206	-.0864	0.418	0.247
0.600	0.257	-.1132	0.440	0.205
0.800	0.287	-.1321	0.460	0.114
1.000	0.000	.0000	0.000	0.000

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{c_{av}}c_{N_w}$
M = 2.234		α = 12.24		
0.175	0.239	-.1097	0.460	0.394
0.200	0.250	-.1131	0.452	0.400
0.250	0.270	-.1202	0.445	0.405
0.300	0.287	-.1281	0.447	0.401
0.400	0.316	-.1409	0.446	0.379
0.600	0.354	-.1613	0.455	0.283
0.800	0.382	-.1790	0.468	0.152
1.000	0.000	.0000	0.000	0.000
M = 2.231		α = 16.31		
0.175	0.324	-.1505	0.464	0.536
0.200	0.340	-.1567	0.462	0.543
0.250	0.366	-.1686	0.460	0.549
0.300	0.389	-.1797	0.462	0.544
0.400	0.411	-.1895	0.461	0.493
0.600	0.442	-.2062	0.467	0.353
0.800	0.466	-.2213	0.475	0.186
1.000	0.000	.0000	0.000	0.000

TABLE IX.- SECTION COEFFICIENTS FOR THE WING WITH THE MODEL AT 0° SIDESLIP. VALUES FOR 2y/b OF 0.175 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Concluded

(f) BW

2y/b	C_{N_w}	$C_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{av}} C_{N_w}$	2y/b	C_{N_w}	$C_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{av}} C_{N_w}$	2y/b	C_{N_w}	$C_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{av}} C_{N_w}$	2y/b	C_{N_w}	$C_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{av}} C_{N_w}$	2y/b	C_{N_w}	$C_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{av}} C_{N_w}$
M = 0.698			α = -04.42		M = 0.903			α = 03.78		M = 1.299			α = -04.18		M = 1.500			α = 03.78		M = 2.234			α = 08.26	
0.175	-0.149	.0526	0.354	-0.245	0.175	0.175	-.0681	0.390	0.288	0.175	-0.129	.0567	0.440	-0.213	0.175	0.131	-.0584	0.446	0.216	0.175	0.182	-.0736	0.403	0.301
0.200	-0.145	.0503	0.346	-0.232	0.200	0.181	-.0693	0.382	0.290	0.200	-0.135	.0585	0.434	-0.215	0.200	0.133	-.0589	0.444	0.212	0.200	0.190	-.0776	0.408	0.304
0.250	-0.153	.0501	0.328	-0.228	0.250	0.195	-.0709	0.363	0.292	0.250	-0.145	.0616	0.424	-0.217	0.250	0.139	-.0601	0.431	0.209	0.250	0.209	-.0862	0.414	0.312
0.300	-0.178	.0556	0.313	-0.248	0.300	0.210	-.0716	0.341	0.293	0.300	-0.155	.0639	0.413	-0.216	0.300	0.151	-.0617	0.409	0.211	0.300	0.230	-.0958	0.417	0.321
0.400	-0.202	.0672	0.332	-0.242	0.400	0.240	-.0808	0.336	0.288	0.400	-0.184	.0754	0.411	-0.220	0.400	0.166	-.0657	0.395	0.199	0.400	0.259	-.1131	0.437	0.310
0.600	-0.265	.0734	0.277	-0.211	0.600	0.333	-.0954	0.287	0.266	0.600	-0.257	.0998	0.389	-0.205	0.600	0.216	-.0805	0.373	0.172	0.600	0.281	-.1263	0.449	0.225
0.800	-0.441	.1546	0.351	-0.176	0.800	0.603	-.2603	0.432	0.241	0.800	-0.395	.1587	0.402	-0.158	0.800	0.335	-.1305	0.389	0.134	0.800	0.322	-.1492	0.464	0.128
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000
M = 0.700			α = -00.06		M = 0.957			α = 03.88		M = 1.304			α = -00.10		M = 1.703			α = 03.73		M = 2.232			α = 12.24	
0.175	0.015	-.0045	0.308	0.024	0.175	0.205	-.0959	0.468	0.338	0.175	-0.001	.0015	2.864	0.000	0.175	0.116	-.0508	0.438	0.191	0.175	0.266	-.1121	0.421	0.439
0.200	0.015	-.0046	0.308	0.023	0.200	0.211	-.0977	0.463	0.337	0.200	0.003	-.0004	0.161	0.004	0.200	0.119	-.0513	0.433	0.189	0.200	0.277	-.1183	0.427	0.443
0.250	0.016	-.0053	0.320	0.024	0.250	0.226	-.1018	0.451	0.338	0.250	0.006	-.0026	0.409	0.009	0.250	0.127	-.0537	0.424	0.189	0.250	0.301	-.1313	0.436	0.451
0.300	0.019	-.0065	0.339	0.026	0.300	0.244	-.1068	0.437	0.342	0.300	0.006	-.0025	0.389	0.008	0.300	0.139	-.0579	0.417	0.194	0.300	0.327	-.1454	0.445	0.457
0.400	0.019	-.0044	0.230	0.022	0.400	0.272	-.1134	0.417	0.326	0.400	0.004	.0000	-0.008	0.005	0.400	0.152	-.0595	0.392	0.182	0.400	0.347	-.1598	0.460	0.416
0.600	0.021	-.0034	0.163	0.016	0.600	0.361	-.1302	0.361	0.288	0.600	0.002	.0013	-0.574	0.001	0.600	0.190	-.0709	0.373	0.152	0.600	0.361	-.1653	0.459	0.288
0.800	0.046	-.0168	0.367	0.018	0.800	0.675	-.3168	0.469	0.270	0.800	0.011	-.0028	0.258	0.004	0.800	0.300	-.1291	0.431	0.119	0.800	0.399	-.1878	0.471	0.159
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000
M = 0.699			α = 03.83		M = 1.008			α = -00.05		M = 1.303			α = 03.83		M = 1.906			α = 03.93		M = 2.232			α = 16.22	
0.175	0.165	-.0587	0.355	0.272	0.175	0.025	-.0129	0.524	0.040	0.175	0.147	-.0659	0.448	0.242	0.175	0.105	-.0423	0.401	0.174	0.175	0.370	-.1638	0.443	0.610
0.200	0.166	-.0570	0.343	0.265	0.200	0.024	-.0122	0.512	0.038	0.200	0.150	-.0672	0.448	0.239	0.200	0.108	-.0439	0.404	0.173	0.200	0.383	-.1708	0.446	0.613
0.250	0.176	-.0573	0.326	0.263	0.250	0.025	-.0128	0.509	0.037	0.250	0.160	-.0698	0.437	0.239	0.250	0.118	-.0479	0.405	0.177	0.250	0.409	-.1852	0.452	0.614
0.300	0.196	-.0625	0.319	0.274	0.300	0.030	-.0159	0.528	0.042	0.300	0.174	-.0727	0.417	0.243	0.300	0.133	-.0531	0.398	0.186	0.300	0.436	-.2006	0.461	0.609
0.400	0.212	-.0635	0.300	0.254	0.400	0.032	-.0153	0.472	0.038	0.400	0.188	-.0761	0.394	0.225	0.400	0.145	-.0557	0.383	0.174	0.400	0.453	-.2120	0.468	0.544
0.600	0.283	-.0688	0.243	0.226	0.600	0.034	-.0127	0.379	0.026	0.600	0.253	-.0913	0.361	0.202	0.600	0.177	-.0674	0.381	0.141	0.600	0.463	-.2173	0.470	0.370
0.800	0.507	-.2040	0.403	0.202	0.800	0.056	-.0207	0.371	0.022	0.800	0.434	-.1879	0.433	0.173	0.800	0.253	-.1147	0.454	0.101	0.800	0.497	-.2373	0.477	0.198
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000
M = 0.700			α = 07.76		M = 1.002			α = 03.88		M = 1.301			α = 07.81		M = 2.229			α = -03.88						
0.175	0.334	-.1147	0.343	0.552	0.175	0.190	-.0886	0.467	0.313	0.175	0.310	-.1408	0.455	0.511	0.175	-0.087	.0425	0.490	-0.143					
0.200	0.339	-.1129	0.333	0.542	0.200	0.195	-.0897	0.460	0.311	0.200	0.315	-.1425	0.452	0.504	0.200	-0.082	.0374	0.456	-0.131					
0.250	0.360	-.1134	0.315	0.540	0.250	0.206	-.0920	0.446	0.309	0.250	0.332	-.1458	0.439	0.498	0.250	-0.077	.0316	0.412	-0.115					
0.300	0.398	-.1190	0.299	0.557	0.300	0.219	-.0945	0.431	0.306	0.300	0.356	-.1488	0.418	0.498	0.300	-0.077	.0316	0.410	-0.107					
0.400	0.464	-.1232	0.265	0.557	0.400	0.252	-.1041	0.413	0.302	0.400	0.402	-.1563	0.389	0.482	0.400	-0.092	.0375	0.409	-0.110					
0.600	0.681	-.2175	0.319	0.544	0.600	0.325	-.1169	0.360	0.260	0.600	0.570	-.2402	0.421	0.456	0.600	-0.123	.0512	0.417	-0.098					
0.800	0.700	-.3230	0.461	0.280	0.800	0.614	-.2861	0.466	0.245	0.800	0.678	-.3316	0.489	0.271	0.800	-0.147	.0662	0.450	-0.058					
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000					
M = 0.696			α = 11.79		M = 1.062			α = 03.93		M = 1.301			α = 11.84		M = 2.226			α = 00.25						
0.175	0.512	-.1702	0.332	0.846	0.175	0.176	-.0786	0.445	0.291	0.175	0.458	-.2028	0.443	0.756	0.175	-0.001	.0056	5.492	-0.001					
0.200	0.534	-.1708	0.320	0.854	0.200	0.181	-.0799	0.441	0.289	0.200	0.471	-.2075	0.441	0.753	0.200	0.007	.0001	-0.021	0.010					
0.250	0.583	-.1754	0.301	0.873	0.250	0.192	-.0825	0.429	0.288	0.250	0.506	-.2170	0.429	0.758	0.250	0.017	-.0067	0.396	0.025					
0.300	0.638	-.1846	0.290	0.892	0.300	0.205	-.0851	0.414	0.287	0.300	0.551	-.2267	0.411	0.771	0.300	0.022	-.0085	0.396	0.030					
0.400	0.770	-.2130	0.277	0.923	0.400	0.232	-.0916	0.395	0.278	0.400	0.632	-.2569	0.406	0.758	0.400	0.020	-.0076	0.382	0.023					
0.600	1.116	-.4749	0.426	0.892	0.600	0.303	-.1060	0.350	0.242	0.600	0.845	-.4199	0.497	0.675	0.600	0.020	-.0075	0.375	0.015					
0.800	0.753	-.3152	0.419	0.301	0.800	0.574	-.2660	0.463	0.229	0.800	0.802	-.3842	0.479	0.320	0.800	0.035	-.0166	0.478	0.013					
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000					
M = 0.699			α = 15.67		M = 1.109			α = 03.93		M = 1.300			α = 15.87		M = 2.229			α = 04.13						
0.175	0.721	-.2340	0.325	1.191	0.175	0.180	-.0828	0.459	0.298	0.175	0.620	-.2745	0.443	1.024	0.175	0.088	-.0325	0.369	0.145					
0.200	0.763	-.2404	0.315	1.220	0.200	0.182	-.0829	0.456	0.290	0.200	0.652	-.2858	0.438	1.043	0.200	0.097	-.0379	0.391	0.155					
0.250	0.854	-.2612	0.306	1.280	0.250	0.192	-.0855	0.446	0.287	0.250	0.715	-.3081	0.431	1.072	0.250	0.112	-.0457	0.408	0.167					
0.300	0.955	-.2928	0.306	1.337	0.300	0.212	-.0915	0.431	0.297	0.300	0.777	-.3302	0.425	1.088	0.300	0.123	-.0497	0.404	0.172					
0.400	1.117	-.3612	0.323	1.340	0.400	0.237	-.0969	0.409	0.284	0.400	0.898	-.4023	0.448	1.077	0.400	0.136	-.0545	0.401	0.163					
0.600	1.380	-.6441	0.467	1.104	0.600	0.302	-.1060	0.351	0.241	0.600	0.983	-.4886	0.497	0.786	0.600	0.165	-.0699	0.424	0.131					
0.800	0.807	-.3372	0.418	0.322	0.800	0.572	-.2602	0.455	0.228	0.800	0.959	-.4760	0.496	0.383	0.800	0.201	-.0920	0.457	0.080					
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000					

TABLE X.- SECTION COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 0° SIDESLIP. VALUES FOR y/b OF 0.208 AND 1.0 WERE OBTAINED BY EXTRAPOLATION

(a) BVW

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 0.701		α = -04.38		
0.208	-0.023	.0190	0.819	-0.030
0.250	-0.021	.0164	0.789	-0.026
0.400	-0.020	.0136	0.675	-0.022
0.550	-0.032	.0207	0.652	-0.029
0.700	-0.028	.0126	0.453	-0.021
0.850	-0.032	.0131	0.412	-0.019
1.000	0.000	.0000	0.000	0.000
M = 0.702		α = -00.35		
0.208	-0.019	.0156	0.836	-0.024
0.250	-0.017	.0137	0.818	-0.021
0.400	-0.017	.0120	0.725	-0.018
0.550	-0.027	.0187	0.689	-0.025
0.700	-0.023	.0101	0.441	-0.017
0.850	-0.026	.0109	0.413	-0.015
1.000	0.000	.0000	0.000	0.000
M = 0.702		α = 03.83		
0.208	-0.016	.0143	0.918	-0.020
0.250	-0.014	.0124	0.903	-0.017
0.400	-0.014	.0108	0.799	-0.015
0.550	-0.023	.0171	0.741	-0.021
0.700	-0.020	.0089	0.453	-0.015
0.850	-0.021	.0085	0.403	-0.012
1.000	0.000	.0000	0.000	0.000
M = 0.698		α = 07.66		
0.208	-0.017	.0175	1.020	-0.022
0.250	-0.014	.0145	1.015	-0.018
0.400	-0.012	.0104	0.867	-0.013
0.550	-0.022	.0168	0.755	-0.021
0.700	-0.016	.0076	0.469	-0.012
0.850	-0.017	.0060	0.348	-0.010
1.000	0.000	.0000	0.000	0.000
M = 0.699		α = 11.79		
0.208	-0.013	.0156	1.241	-0.016
0.250	-0.010	.0129	1.290	-0.012
0.400	-0.008	.0096	1.157	-0.009
0.550	-0.018	.0159	0.882	-0.016
0.700	-0.012	.0066	0.560	-0.009
0.850	-0.015	.0066	0.444	-0.008
1.000	0.000	.0000	0.000	0.000
M = 0.698		α = 15.76		
0.208	-0.012	.0157	1.354	-0.015
0.250	-0.008	.0125	1.594	-0.010
0.400	-0.004	.0084	2.000	-0.004
0.550	-0.016	.0161	1.001	-0.015
0.700	-0.009	.0065	0.754	-0.006
0.850	-0.012	.0069	0.571	-0.007
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 0.906		α = 03.69		
0.208	-0.020	.0171	0.842	-0.027
0.250	-0.017	.0147	0.852	-0.022
0.400	-0.014	.0118	0.834	-0.015
0.550	-0.024	.0181	0.766	-0.022
0.700	-0.021	.0118	0.565	-0.016
0.850	-0.020	.0083	0.419	-0.011
1.000	0.000	.0000	0.000	0.000
M = 0.952		α = 03.78		
0.208	-0.019	.0153	0.798	-0.025
0.250	-0.014	.0122	0.869	-0.018
0.400	-0.008	.0091	1.078	-0.009
0.550	-0.023	.0184	0.813	-0.021
0.700	-0.019	.0113	0.585	-0.014
0.850	-0.018	.0076	0.416	-0.011
1.000	0.000	.0000	0.000	0.000
M = 1.005		α = 03.88		
0.208	-0.019	.0135	0.720	-0.024
0.250	-0.019	.0156	0.807	-0.024
0.400	-0.020	.0186	0.934	-0.022
0.550	-0.018	.0146	0.801	-0.017
0.700	-0.027	.0181	0.664	-0.021
0.850	-0.027	.0118	0.440	-0.016
1.000	0.000	.0000	0.000	0.000
M = 1.045		α = 03.88		
0.208	-0.019	.0150	0.779	-0.025
0.250	-0.019	.0171	0.890	-0.024
0.400	-0.021	.0232	1.089	-0.023
0.550	-0.027	.0273	1.005	-0.025
0.700	0.002	-.0030	1.342	0.001
0.850	-0.013	.0072	0.547	-0.007
1.000	0.000	.0000	0.000	0.000
M = 1.094		α = 03.88		
0.208	-0.018	.0133	0.729	-0.024
0.250	-0.019	.0164	0.845	-0.024
0.400	-0.026	.0268	1.030	-0.028
0.550	-0.036	.0358	0.990	-0.034
0.700	0.008	-.0099	1.208	0.006
0.850	-0.009	.0022	0.251	-0.005
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = -04.13		
0.208	-0.016	.0141	0.889	-0.021
0.250	-0.012	.0124	1.022	-0.015
0.400	-0.008	.0121	1.485	-0.009
0.550	-0.019	.0206	1.110	-0.017
0.700	-0.013	.0143	1.146	-0.009
0.850	-0.013	.0143	1.122	-0.007
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 1.299		α = -00.05		
0.208	-0.015	.0123	0.824	-0.019
0.250	-0.013	.0123	0.927	-0.017
0.400	-0.010	.0126	1.285	-0.010
0.550	-0.010	.0133	1.314	-0.009
0.700	-0.008	.0109	1.361	-0.006
0.850	-0.008	.0110	1.396	-0.004
1.000	0.000	.0000	0.000	0.000
M = 1.302		α = 03.88		
0.208	-0.013	.0117	0.931	-0.016
0.250	-0.011	.0113	1.046	-0.013
0.400	-0.007	.0105	1.475	-0.007
0.550	-0.008	.0110	1.411	-0.007
0.700	-0.007	.0094	1.303	-0.005
0.850	-0.005	.0085	1.559	-0.003
1.000	0.000	.0000	0.000	0.000
M = 1.298		α = 07.81		
0.208	-0.014	.0116	0.838	-0.018
0.250	-0.012	.0112	0.942	-0.015
0.400	-0.007	.0091	1.375	-0.007
0.550	-0.004	.0056	1.522	-0.003
0.700	-0.004	.0057	1.486	-0.002
0.850	-0.003	.0050	1.823	-0.001
1.000	0.000	.0000	0.000	0.000
M = 1.301		α = 11.89		
0.208	-0.010	.0098	0.991	-0.013
0.250	-0.006	.0077	1.216	-0.008
0.400	0.001	.0026	-1.809	0.001
0.550	0.002	.0010	-0.654	0.001
0.700	-0.002	.0045	1.830	-0.001
0.850	-0.004	.0064	1.586	-0.002
1.000	0.000	.0000	0.000	0.000
M = 1.300		α = 15.91		
0.208	-0.005	.0061	1.177	-0.006
0.250	-0.004	.0058	1.450	-0.005
0.400	-0.003	.0061	2.330	-0.002
0.550	-0.006	.0090	1.506	-0.005
0.700	-0.004	.0067	1.867	-0.002
0.850	-0.001	.0037	4.298	
1.000	0.000	.0000	0.000	0.000
M = 1.502		α = 03.78		
0.208	-0.006	.0060	1.054	-0.007
0.250	-0.004	.0057	1.299	-0.005
0.400	-0.002	.0057	2.263	-0.002
0.550	-0.005	.0075	1.455	-0.004
0.700	-0.006	.0063	0.977	-0.004
0.850	-0.002	.0010	0.498	-0.001
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 1.701		α = 03.73		
0.208	-0.006	.0043	0.739	-0.007
0.250	-0.007	.0052	0.771	-0.008
0.400	-0.008	.0071	0.864	-0.009
0.550	-0.007	.0069	1.021	-0.006
0.700	-0.009	.0075	0.845	-0.006
0.850	-0.009	.0068	0.714	-0.005
1.000	0.000	.0000	0.000	0.000
M = 1.906		α = 03.93		
0.208	-0.004	.0022	0.579	-0.005
0.250	-0.004	.0030	0.803	-0.004
0.400	-0.004	.0053	1.207	-0.004
0.550	-0.007	.0068	1.039	-0.006
0.700	-0.008	.0068	0.897	-0.005
0.850	-0.008	.0063	0.818	-0.004
1.000	0.000	.0000	0.000	0.000
M = 2.227		α = -03.78		
0.208	-0.002	.0011	0.680	-0.002
0.250	-0.002	.0023	1.247	-0.002
0.400	-0.003	.0053	1.693	-0.003
0.550	-0.005	.0063	1.204	-0.004
0.700	-0.006	.0055	0.911	-0.004
0.850	-0.003	.0033	1.138	-0.001
1.000	0.000	.0000	0.000	0.000
M = 2.230		α = 00.30		
0.208	-0.004	.0024	0.631	-0.005
0.250	-0.003	.0029	0.900	-0.004
0.400	-0.002	.0042	1.879	-0.002
0.550	-0.003	.0048	1.576	-0.002
0.700	-0.006	.0052	0.933	-0.004
0.850	-0.003	.0038	1.259	-0.001
1.000	0.000	.0000	0.000	0.000
M = 2.231		α = 04.08		
0.208	-0.002	.0007	0.421	-0.002
0.250	-0.002	.0018	1.109	-0.002
0.400	-0.002	.0043	2.026	-0.002
0.550	-0.004	.0044	1.258	-0.003
0.700	-0.005	.0048	0.919	-0.003
0.850	-0.003	.0028	1.099	-0.001
1.000	0.000	.0000	0.000	0.000
M = 2.238		α = 08.26		
0.208	0.003	-.0012	0.427	0.003
0.250	0.000	.0004	-0.867	0.000
0.400	-0.004	.0039	0.960	-0.004
0.550	-0.003	.0042	1.246	-0.003
0.700	-0.006	.0047	0.824	-0.004
0.850	-0.003	.0030	0.960	-0.001
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 2.231		α = 12.09		
0.208	-0.002	.0019	0.826	-0.002
0.250	-0.002	.0025	1.206	-0.002
0.400	-0.002	.0039	1.876	-0.002
0.550	-0.003	.0037	1.260	-0.002
0.700	-0.003	.0033	1.005	-0.002
0.850	-0.003	.0021	0.831	-0.001
1.000	0.000	.0000	0.000	0.000
M = 2.239		α = 16.31		
0.208	0.004	-.0007	0.189	0.004
0.250	0.002	.0004	-0.162	0.002
0.400	-0.001	.0027	2.412	-0.001
0.550	-0.002	.0027	1.235	-0.002
0.700	-0.005	.0040	0.863	-0.003
0.850	-0.004	.0035	0.904	-0.002
1.000	0.000	.0000	0.000	0.000

TABLE X.- SECTION COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 0° SIDESLIP. VALUES FOR y/b OF 0.208 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = -0.4^\circ$

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{\bar{c}_{av}} c_{Y_V}$
M = 0.699		α = -04.23		
0.208	-0.019	.0134	0.723	-0.024
0.250	-0.019	.0133	0.721	-0.023
0.400	-0.023	.0159	0.681	-0.025
0.550	-0.036	.0226	0.635	-0.033
0.700	-0.037	.0174	0.475	-0.028
0.850	-0.032	.0103	0.319	-0.019
1.000	0.000	.0000	0.000	0.000
M = 0.696		α = -00.20		
0.208	-0.015	.0117	0.758	-0.020
0.250	-0.016	.0122	0.755	-0.020
0.400	-0.021	.0146	0.712	-0.022
0.550	-0.028	.0180	0.649	-0.026
0.700	-0.030	.0151	0.507	-0.022
0.850	-0.033	.0132	0.404	-0.019
1.000	0.000	.0000	0.000	0.000
M = 0.695		α = 03.73		
0.208	-0.011	.0102	0.939	-0.014
0.250	-0.012	.0101	0.876	-0.014
0.400	-0.017	.0127	0.756	-0.018
0.550	-0.026	.0197	0.748	-0.024
0.700	-0.027	.0158	0.578	-0.021
0.850	-0.032	.0147	0.462	-0.019
1.000	0.000	.0000	0.000	0.000
M = 0.697		α = 07.66		
0.208	-0.012	.0113	0.948	-0.015
0.250	-0.012	.0113	0.930	-0.015
0.400	-0.016	.0134	0.837	-0.017
0.550	-0.025	.0190	0.766	-0.023
0.700	-0.023	.0127	0.550	-0.017
0.850	-0.024	.0105	0.437	-0.014
1.000	0.000	.0000	0.000	0.000
M = 0.702		α = 11.74		
0.208	-0.012	.0121	1.002	-0.016
0.250	-0.010	.0111	1.103	-0.012
0.400	-0.011	.0126	1.107	-0.012
0.550	-0.026	.0225	0.850	-0.024
0.700	-0.020	.0104	0.532	-0.015
0.850	-0.024	.0123	0.521	-0.014
1.000	0.000	.0000	0.000	0.000
M = 0.696		α = 15.72		
0.208	-0.009	.0102	1.174	-0.011
0.250	-0.008	.0104	1.307	-0.010
0.400	-0.010	.0135	1.379	-0.010
0.550	-0.019	.0204	1.095	-0.017
0.700	-0.012	.0097	0.809	-0.009
0.850	-0.017	.0092	0.540	-0.010
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{\bar{c}_{av}} c_{Y_V}$
M = 0.904		α = 03.73		
0.208	-0.016	.0133	0.824	-0.021
0.250	-0.016	.0131	0.829	-0.020
0.400	-0.018	.0145	0.796	-0.020
0.550	-0.026	.0190	0.729	-0.024
0.700	-0.027	.0157	0.574	-0.021
0.850	-0.026	.0112	0.423	-0.015
1.000	0.000	.0000	0.000	0.000
M = 0.951		α = 03.77		
0.208	-0.016	.0133	0.838	-0.021
0.250	-0.015	.0126	0.846	-0.019
0.400	-0.017	.0137	0.800	-0.019
0.550	-0.029	.0205	0.720	-0.026
0.700	-0.026	.0142	0.557	-0.019
0.850	-0.023	.0084	0.360	-0.014
1.000	0.000	.0000	0.000	0.000
M = 1.000		α = 03.88		
0.208	-0.011	.0084	0.739	-0.015
0.250	-0.014	.0112	0.826	-0.017
0.400	-0.020	.0175	0.867	-0.022
0.550	-0.025	.0179	0.724	-0.023
0.700	-0.034	.0217	0.632	-0.026
0.850	-0.034	.0149	0.440	-0.020
1.000	0.000	.0000	0.000	0.000
M = 1.045		α = 03.88		
0.208	-0.008	.0057	0.674	-0.011
0.250	-0.015	.0135	0.905	-0.019
0.400	-0.026	.0253	0.984	-0.028
0.550	-0.018	.0123	0.696	-0.016
0.700	-0.014	.0063	0.449	-0.010
0.850	-0.035	.0204	0.576	-0.021
1.000	0.000	.0000	0.000	0.000
M = 1.097		α = 03.88		
0.208	-0.014	.0112	0.805	-0.018
0.250	-0.017	.0153	0.893	-0.021
0.400	-0.029	.0279	0.973	-0.031
0.550	-0.041	.0375	0.923	-0.038
0.700	0.004	-.0082	2.118	0.002
0.850	-0.014	.0045	0.325	-0.008
1.000	0.000	.0000	0.000	0.000
M = 1.303		α = -04.08		
0.208	-0.011	.0109	0.953	-0.015
0.250	-0.012	.0120	1.022	-0.015
0.400	-0.015	.0164	1.101	-0.016
0.550	-0.021	.0216	1.011	-0.020
0.700	-0.016	.0152	0.964	-0.012
0.850	-0.014	.0126	0.908	-0.008
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{\bar{c}_{av}} c_{Y_V}$
M = 1.303		α = -00.05		
0.208	-0.010	.0104	1.053	-0.013
0.250	-0.010	.0114	1.110	-0.013
0.400	-0.013	.0148	1.155	-0.014
0.550	-0.017	.0175	1.045	-0.015
0.700	-0.014	.0142	1.008	-0.010
0.850	-0.011	.0108	0.997	-0.006
1.000	0.000	.0000	0.000	0.000
M = 1.302		α = 03.93		
0.208	-0.010	.0098	1.030	-0.012
0.250	-0.009	.0107	1.137	-0.012
0.400	-0.010	.0129	1.285	-0.011
0.550	-0.012	.0137	1.105	-0.011
0.700	-0.011	.0123	1.103	-0.008
0.850	-0.006	.0074	1.160	-0.003
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = 07.81		
0.208	-0.007	.0090	1.197	-0.009
0.250	-0.007	.0089	1.295	-0.008
0.400	-0.006	.0092	1.451	-0.007
0.550	-0.008	.0101	1.223	-0.007
0.700	-0.006	.0075	1.164	-0.005
0.850	-0.008	.0088	1.102	-0.004
1.000	0.000	.0000	0.000	0.000
M = 1.301		α = 11.79		
0.208	-0.012	.0119	0.986	-0.016
0.250	-0.005	.0073	1.371	-0.006
0.400	0.006	-.0000	0.004	0.006
0.550	-0.003	.0069	2.081	-0.003
0.700	-0.007	.0075	1.120	-0.005
0.850	-0.007	.0082	1.098	-0.004
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = 15.82		
0.208	-0.006	.0058	0.937	-0.008
0.250	-0.004	.0049	1.276	-0.004
0.400	0.004	.0010	-0.238	0.004
0.550	0.012	-.0039	0.323	0.011
0.700	-0.004	.0047	1.072	-0.003
0.850	-0.011	.0095	0.841	-0.006
1.000	0.000	.0000	0.000	0.000
M = 1.497		α = 03.83		
0.208	-0.004	.0046	1.125	-0.005
0.250	-0.004	.0058	1.345	-0.005
0.400	-0.006	.0091	1.452	-0.006
0.550	-0.010	.0111	1.090	-0.009
0.700	-0.006	.0065	1.024	-0.004
0.850	-0.007	.0054	0.808	-0.004
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{\bar{c}_{av}} c_{Y_V}$
M = 1.695		α = 03.78		
0.208	-0.000	.0017	6.521	-0.000
0.250	-0.001	.0026	3.988	-0.000
0.400	-0.003	.0060	1.733	-0.003
0.550	-0.009	.0097	1.138	-0.008
0.700	-0.006	.0057	0.940	-0.004
0.850	-0.008	.0053	0.631	-0.005
1.000	0.000	.0000	0.000	0.000
M = 1.903		α = 03.98		
0.208	-0.006	.0037	0.610	-0.008
0.250	-0.004	.0032	0.866	-0.004
0.400	-0.000	.0035	8.578	-0.000
0.550	-0.006	.0075	1.317	-0.005
0.700	-0.007	.0063	0.939	-0.005
0.850	-0.009	.0061	0.702	-0.005
1.000	0.000	.0000	0.000	0.000
M = 2.227		α = -03.88		
0.208	-0.004	.0015	0.372	-0.005
0.250	-0.003	.0025	0.762	-0.004
0.400	-0.003	.0053	1.815	-0.003
0.550	-0.006	.0068	1.099	-0.005
0.700	-0.008	.0065	0.831	-0.006
0.850	-0.007	.0051	0.774	-0.003
1.000	0.000	.0000	0.000	0.000
M = 2.230		α = 00.35		
0.208	-0.004	.0015	0.395	-0.005
0.250	-0.004	.0025	0.624	-0.005
0.400	-0.004	.0048	1.165	-0.004
0.550	-0.004	.0053	1.444	-0.003
0.700	-0.008	.0062	0.807	-0.005
0.850	-0.008	.0056	0.737	-0.004
1.000	0.000	.0000	0.000	0.000
M = 2.230		α = 04.28		
0.208	-0.003	.0018	0.536	-0.004
0.250	-0.002	.0022	0.910	-0.003
0.400	-0.002	.0038	2.409	-0.001
0.550	-0.004	.0056	1.250	-0.004
0.700	-0.006	.0051	0.856	-0.004
0.850	-0.007	.0049	0.671	-0.004
1.000	0.000	.0000	0.000	0.000
M = 2.234		α = 08.26		
0.208	-0.002	.0002	0.072	-0.003
0.250	-0.001	.0008	0.610	-0.001
0.400	-0.000	.0028	9.307	-0.000
0.550	-0.003	.0044	1.290	-0.003
0.700	-0.006	.0048	0.807	-0.004
0.850	-0.008	.0054	0.649	-0.005
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{\bar{c}_{av}} c_{Y_V}$
M = 2.234		α = 12.24		
0.208	-0.003	.0011	0.416	-0.003
0.250	-0.002	.0017	0.820	-0.002
0.400	-0.001	.0033	2.464	-0.001
0.550	-0.002	.0039	1.569	-0.002
0.700	-0.004	.0033	0.808	-0.003
0.850	-0.0007	.0049	0.729	-0.004
1.000	0.000	.0000	0.000	0.000
M = 2.230		α = 16.17		
0.208	-0.002	.0013	0.609	-0.002
0.250	-0.002	.0016	0.799	-0.002
0.400	-0.002	.0024	1.495	-0.001
0.550	-0.001	.0026	2.398	-0.001
0.700	-0.004	.0042	0.953	-0.003
0.850	-0.007	.0050	0.683	-0.004
1.000	0.000	.0000	0.000	0.000

TABLE X.- SECTION COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 0° SIDESLIP. VALUES FOR y/b OF 0.208 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(c) BVWC $\delta = 9.6°$

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 0.702		α = -04.23		
0.208	-0.025	.0171	0.696	-0.032
0.250	-0.022	.0155	0.707	-0.028
0.400	-0.021	.0149	0.695	-0.023
0.550	-0.034	.0217	0.638	-0.032
0.700	-0.032	.0142	0.447	-0.024
0.850	-0.039	.0160	0.412	-0.023
1.000	0.000	.0000	0.000	0.000
M = 0.697		α = -00.20		
0.208	-0.019	.0136	0.700	-0.025
0.250	-0.018	.0129	0.723	-0.022
0.400	-0.019	.0136	0.727	-0.020
0.550	-0.029	.0190	0.649	-0.027
0.700	-0.029	.0130	0.442	-0.022
0.850	-0.033	.0138	0.416	-0.020
1.000	0.000	.0000	0.000	0.000
M = 0.698		α = 03.73		
0.208	-0.018	.0129	0.735	-0.023
0.250	-0.016	.0119	0.759	-0.020
0.400	-0.016	.0120	0.766	-0.017
0.550	-0.026	.0181	0.685	-0.024
0.700	-0.024	.0106	0.439	-0.018
0.850	-0.028	.0107	0.380	-0.017
1.000	0.000	.0000	0.000	0.000
M = 0.701		α = 07.76		
0.208	-0.019	.0139	0.724	-0.025
0.250	-0.017	.0133	0.765	-0.022
0.400	-0.017	.0140	0.823	-0.018
0.550	-0.026	.0189	0.729	-0.024
0.700	-0.021	.0098	0.476	-0.015
0.850	-0.024	.0091	0.384	-0.014
1.000	0.000	.0000	0.000	0.000
M = 0.695		α = 11.88		
0.208	-0.012	.0106	0.875	-0.016
0.250	-0.011	.0113	0.999	-0.014
0.400	-0.013	.0141	1.116	-0.014
0.550	-0.021	.0174	0.848	-0.019
0.700	-0.021	.0112	0.525	-0.016
0.850	-0.021	.0089	0.434	-0.012
1.000	0.000	.0000	0.000	0.000
M = 0.697		α = 15.86		
0.208	-0.002	.0057	3.484	-0.002
0.250	-0.002	.0071	3.309	-0.002
0.400	-0.007	.0129	1.854	-0.007
0.550	-0.016	.0197	1.204	-0.015
0.700	-0.010	.0093	0.933	-0.007
0.850	-0.017	.0091	0.532	-0.010
1.000	0.000	.0000	0.000	0.000
M = 0.906		α = 03.78		
0.208	-0.019	.0145	0.749	-0.025
0.250	-0.018	.0134	0.764	-0.022
0.400	-0.018	.0137	0.770	-0.019
0.550	-0.029	.0206	0.721	-0.026
0.700	-0.025	.0124	0.495	-0.019
0.850	-0.026	.0095	0.372	-0.015
1.000	0.000	.0000	0.000	0.000
M = 0.953		α = 03.92		
0.208	-0.016	.0114	0.723	-0.020
0.250	-0.014	.0113	0.792	-0.018
0.400	-0.016	.0133	0.856	-0.017
0.550	-0.027	.0187	0.701	-0.025
0.700	-0.030	.0152	0.509	-0.023
0.850	-0.027	.0107	0.392	-0.016
1.000	0.000	.0000	0.000	0.000
M = 1.005		α = 04.03		
0.208	-0.003	.0019	0.668	-0.003
0.250	-0.015	.0135	0.920	-0.018
0.400	-0.034	.0318	0.926	-0.038
0.550	-0.019	.0141	0.751	-0.017
0.700	-0.033	.0210	0.646	-0.025
0.850	-0.042	.0223	0.530	-0.025
1.000	0.000	.0000	0.000	0.000
M = 1.048		α = 04.03		
0.208	-0.009	.0049	0.564	-0.011
0.250	-0.016	.0135	0.834	-0.020
0.400	-0.026	.0253	0.958	-0.029
0.550	-0.011	.0075	0.703	-0.010
0.700	-0.012	.0075	0.614	-0.009
0.850	-0.032	.0190	0.600	-0.019
1.000	0.000	.0000	0.000	0.000
M = 1.100		α = 04.08		
0.208	-0.018	.0152	0.861	-0.023
0.250	-0.016	.0151	0.923	-0.020
0.400	-0.019	.0204	1.056	-0.021
0.550	-0.034	.0346	1.012	-0.032
0.700	-0.024	.0200	0.849	-0.018
0.850	-0.005	-.0009	-0.185	-0.002
1.000	0.000	.0000	0.000	0.000
M = 1.297		α = -04.13		
0.208	-0.008	.0091	1.096	-0.010
0.250	-0.009	.0099	1.134	-0.011
0.400	-0.013	.0145	1.115	-0.014
0.550	-0.021	.0216	1.011	-0.020
0.700	-0.016	.0150	0.946	-0.012
0.850	-0.013	.0131	0.976	-0.008
1.000	0.000	.0000	0.000	0.000
M = 1.303		α = -00.15		
0.208	-0.006	.0078	1.381	-0.007
0.250	-0.009	.0103	1.194	-0.011
0.400	-0.016	.0166	1.041	-0.017
0.550	-0.018	.0192	1.040	-0.017
0.700	-0.013	.0127	1.000	-0.009
0.850	-0.012	.0115	0.947	-0.007
1.000	0.000	.0000	0.000	0.000
M = 1.301		α = 03.93		
0.208	-0.009	.0092	1.056	-0.011
0.250	-0.010	.0107	1.047	-0.013
0.400	-0.014	.0145	1.060	-0.015
0.550	-0.014	.0156	1.127	-0.013
0.700	-0.010	.0103	1.070	-0.007
0.850	-0.009	.0094	1.021	-0.005
1.000	0.000	.0000	0.000	0.000
M = 1.297		α = 07.86		
0.208	-0.004	.0069	1.639	-0.005
0.250	-0.006	.0084	1.341	-0.008
0.400	-0.011	.0123	1.087	-0.012
0.550	-0.013	.0141	1.097	-0.012
0.700	-0.006	.0068	1.148	-0.004
0.850	-0.006	.0075	1.266	-0.003
1.000	0.000	.0000	0.000	0.000
M = 1.297		α = 11.94		
0.208	-0.013	.0136	1.043	-0.017
0.250	-0.007	.0090	1.241	-0.009
0.400	0.001	.0027	-2.175	0.001
0.550	-0.010	.0124	1.297	-0.009
0.700	-0.005	.0062	1.137	-0.004
0.850	-0.008	.0085	1.026	-0.004
1.000	0.000	.0000	0.000	0.000
M = 1.300		α = 15.87		
0.208	-0.003	.0020	0.721	-0.003
0.250	-0.006	.0066	1.092	-0.007
0.400	0.002	.0028	-1.472	0.002
0.550	0.040	-.0322	0.798	0.037
0.700	0.010	-.0073	0.764	0.007
0.850	-0.005	.0020	0.388	-0.003
1.000	0.000	.0000	0.000	0.000
M = 1.498		α = 03.73		
0.208	0.000	.0023	0.000	0.000
0.250	-0.003	.0049	1.787	-0.003
0.400	-0.010	.0109	1.143	-0.010
0.550	-0.011	.0120	1.122	-0.010
0.700	-0.007	.0064	0.948	-0.005
0.850	-0.007	.0048	0.702	-0.004
1.000	0.000	.0000	0.000	0.000
M = 1.697		α = 03.88		
0.208	-0.002	.0015	0.820	-0.002
0.250	-0.002	.0024	1.495	-0.002
0.400	-0.003	.0056	1.968	-0.003
0.550	-0.008	.0093	1.198	-0.007
0.700	-0.007	.0062	0.841	-0.005
0.850	-0.012	.0082	0.667	-0.007
1.000	0.000	.0000	0.000	0.000
M = 1.904		α = 04.08		
0.208	-0.003	.0016	0.552	-0.003
0.250	-0.002	.0022	1.100	-0.002
0.400	-0.001	.0037	5.735	-0.000
0.550	-0.003	.0046	1.689	-0.002
0.700	-0.007	.0061	0.924	-0.005
0.850	-0.010	.0067	0.677	-0.005
1.000	0.000	.0000	0.000	0.000
M = 2.225		α = -03.78		
0.208	-0.007	.0031	0.429	-0.009
0.250	-0.006	.0036	0.621	-0.007
0.400	-0.004	.0056	1.373	-0.004
0.550	-0.008	.0080	1.037	-0.007
0.700	-0.008	.0066	0.805	-0.006
0.850	-0.010	.0072	0.711	-0.006
1.000	0.000	.0000	0.000	0.000
M = 2.228		α = 00.35		
0.208	-0.005	.0018	0.350	-0.006
0.250	-0.005	.0026	0.576	-0.005
0.400	-0.004	.0049	1.262	-0.004
0.550	-0.005	.0060	1.220	-0.004
0.700	-0.008	.0064	0.793	-0.006
0.850	-0.009	.0055	0.631	-0.005
1.000	0.000	.0000	0.000	0.000
M = 2.228		α = 04.28		
0.208	-0.003	.0016	0.628	-0.003
0.250	-0.002	.0018	0.750	-0.003
0.400	-0.003	.0035	1.102	-0.003
0.550	-0.006	.0067	1.120	-0.005
0.700	-0.006	.0053	0.833	-0.004
0.850	-0.007	.0052	0.707	-0.004
1.000	0.000	.0000	0.000	0.000
M = 2.235		α = 08.35		
0.208	-0.002	-.0004	-0.213	-0.002
0.250	-0.002	.0010	0.424	-0.002
0.400	-0.003	.0043	1.224	-0.003
0.550	-0.004	.0050	1.128	-0.004
0.700	-0.005	.0049	0.996	-0.003
0.850	-0.007	.0048	0.646	-0.004
1.000	0.000	.0000	0.000	0.000
M = 2.235		α = 12.29		
0.208	-0.003	.0003	0.129	-0.003
0.250	-0.002	.0011	0.531	-0.002
0.400	-0.001	.0031	2.235	-0.001
0.550	-0.003	.0038	1.385	-0.002
0.700	-0.006	.0046	0.810	-0.004
0.850	-0.007	.0050	0.724	-0.004
1.000	0.000	.0000	0.000	0.000
M = 2.232		α = 16.26		
0.208	-0.003	.0007	0.217	-0.004
0.250	-0.002	.0013	0.547	-0.003
0.400	-0.001	.0029	3.233	-0.000
0.550	-0.001	.0032	2.513	-0.001
0.700	-0.006	.0053	0.840	-0.004
0.850	-0.007	.0049	0.730	-0.004
1.000	0.000	.0000	0.000	0.000

TABLE X.- SECTION COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 0° SIDESLIP. VALUES FOR y/b OF 0.208 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(d) BV_5W

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 0.689		α = -04.33		
0.208	-0.165	.0665	0.402	-0.220
0.250	-0.175	.0657	0.374	-0.225
0.400	-0.214	.0659	0.308	-0.237
0.550	-0.255	.0709	0.278	-0.240
0.700	-0.295	.0736	0.249	-0.228
0.850	-0.296	.0718	0.243	-0.177
1.000	0.000	.0000	0.000	0.000
M = 0.690		α = -00.25		
0.208	-0.170	.0698	0.411	-0.226
0.250	-0.181	.0692	0.383	-0.232
0.400	-0.219	.0690	0.315	-0.244
0.550	-0.257	.0718	0.279	-0.242
0.700	-0.315	.0793	0.252	-0.243
0.850	-0.284	.0705	0.248	-0.171
1.000	0.000	.0000	0.000	0.000
M = 0.690		α = 03.83		
0.208	-0.178	.0761	0.427	-0.236
0.250	-0.186	.0729	0.392	-0.238
0.400	-0.218	.0682	0.312	-0.243
0.550	-0.258	.0741	0.287	-0.243
0.700	-0.291	.0747	0.257	-0.224
0.850	-0.283	.0743	0.262	-0.170
1.000	0.000	.0000	0.000	0.000
M = 0.694		α = 07.56		
0.208	-0.185	.0764	0.413	-0.246
0.250	-0.194	.0742	0.383	-0.248
0.400	-0.225	.0706	0.314	-0.250
0.550	-0.256	.0734	0.286	-0.241
0.700	-0.292	.0768	0.263	-0.225
0.850	-0.282	.0747	0.265	-0.169
1.000	0.000	.0000	0.000	0.000
M = 0.693		α = 11.74		
0.208	-0.182	.0768	0.422	-0.242
0.250	-0.191	.0732	0.383	-0.245
0.400	-0.225	.0686	0.305	-0.251
0.550	-0.262	.0769	0.294	-0.247
0.700	-0.293	.0754	0.258	-0.226
0.850	-0.296	.0801	0.271	-0.178
1.000	0.000	.0000	0.000	0.000
M = 0.693		α = 15.76		
0.208	-0.176	.0723	0.411	-0.234
0.250	-0.185	.0686	0.371	-0.237
0.400	-0.222	.0654	0.295	-0.246
0.550	-0.267	.0783	0.293	-0.251
0.700	-0.303	.0805	0.266	-0.234
0.850	-0.295	.0738	0.250	-0.177
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 0.905		α = 03.69		
0.208	-0.181	.0775	0.428	-0.241
0.250	-0.191	.0761	0.398	-0.245
0.400	-0.227	.0726	0.319	-0.252
0.550	-0.262	.0715	0.273	-0.246
0.700	-0.295	.0733	0.249	-0.227
0.850	-0.310	.0925	0.299	-0.186
1.000	0.000	.0000	0.000	0.000
M = 0.952		α = 03.73		
0.208	-0.191	.0901	0.473	-0.253
0.250	-0.203	.0883	0.436	-0.260
0.400	-0.241	.0812	0.337	-0.268
0.550	-0.272	.0733	0.269	-0.256
0.700	-0.303	.0668	0.221	-0.233
0.850	-0.313	.0899	0.287	-0.188
1.000	0.000	.0000	0.000	0.000
M = 0.998		α = 03.83		
0.208	-0.157	.0698	0.444	-0.209
0.250	-0.194	.0926	0.478	-0.248
0.400	-0.279	.1323	0.474	-0.310
0.550	-0.292	.1065	0.364	-0.275
0.700	-0.324	.0922	0.285	-0.250
0.850	-0.316	.0511	0.162	-0.190
1.000	0.000	.0000	0.000	0.000
M = 1.049		α = 03.83		
0.208	-0.153	.0727	0.476	-0.203
0.250	-0.185	.0904	0.488	-0.237
0.400	-0.259	.1198	0.463	-0.288
0.550	-0.266	.0960	0.362	-0.250
0.700	-0.322	.1115	0.346	-0.248
0.850	-0.322	.0692	0.215	-0.193
1.000	0.000	.0000	0.000	0.000
M = 1.102		α = 03.88		
0.208	-0.165	.0838	0.509	-0.219
0.250	-0.188	.0958	0.508	-0.242
0.400	-0.245	.1124	0.460	-0.272
0.550	-0.255	.0881	0.346	-0.240
0.700	-0.313	.1103	0.352	-0.241
0.850	-0.312	.0698	0.224	-0.187
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = -04.03		
0.208	-0.131	.0654	0.501	-0.173
0.250	-0.149	.0696	0.468	-0.190
0.400	-0.201	.0833	0.413	-0.224
0.550	-0.236	.0951	0.403	-0.222
0.700	-0.270	.1001	0.370	-0.208
0.850	-0.280	.0927	0.331	-0.168
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 1.304		α = -00.15		
0.208	-0.127	.0666	0.526	-0.168
0.250	-0.143	.0694	0.486	-0.183
0.400	-0.192	.0805	0.420	-0.213
0.550	-0.228	.0933	0.410	-0.214
0.700	-0.256	.0954	0.373	-0.197
0.850	-0.265	.0895	0.337	-0.159
1.000	0.000	.0000	0.000	0.000
M = 1.304		α = 03.69		
0.208	-0.126	.0681	0.542	-0.167
0.250	-0.140	.0700	0.499	-0.180
0.400	-0.186	.0792	0.426	-0.207
0.550	-0.220	.0919	0.417	-0.207
0.700	-0.245	.0924	0.378	-0.189
0.850	-0.254	.0875	0.345	-0.152
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = 07.86		
0.208	-0.133	.0671	0.503	-0.177
0.250	-0.146	.0692	0.476	-0.186
0.400	-0.186	.0784	0.422	-0.206
0.550	-0.220	.0901	0.409	-0.207
0.700	-0.240	.0911	0.380	-0.185
0.850	-0.253	.0903	0.357	-0.152
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = 11.69		
0.208	-0.123	.0579	0.471	-0.163
0.250	-0.138	.0619	0.450	-0.176
0.400	-0.182	.0750	0.413	-0.202
0.550	-0.213	.0861	0.404	-0.200
0.700	-0.233	.0877	0.376	-0.179
0.850	-0.241	.0853	0.355	-0.144
1.000	0.000	.0000	0.000	0.000
M = 1.300		α = 15.77		
0.208	-0.094	.0381	0.403	-0.125
0.250	-0.113	.0444	0.393	-0.144
0.400	-0.167	.0644	0.386	-0.185
0.550	-0.203	.0807	0.398	-0.191
0.700	-0.226	.0856	0.378	-0.174
0.850	-0.234	.0845	0.360	-0.141
1.000	0.000	.0000	0.000	0.000
M = 1.502		α = 03.78		
0.208	-0.102	.0504	0.496	-0.135
0.250	-0.118	.0557	0.477	-0.151
0.400	-0.165	.0705	0.427	-0.183
0.550	-0.196	.0794	0.406	-0.184
0.700	-0.217	.0823	0.379	-0.167
0.850	-0.242	.0992	0.409	-0.145
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 1.699		α = 03.73		
0.208	-0.086	.0409	0.475	-0.114
0.250	-0.102	.0458	0.451	-0.130
0.400	-0.147	.0611	0.417	-0.163
0.550	-0.175	.0728	0.416	-0.165
0.700	-0.200	.0845	0.422	-0.154
0.850	-0.202	.0865	0.429	-0.121
1.000	0.000	.0000	0.000	0.000
M = 1.905		α = 03.98		
0.208	-0.074	.0351	0.475	-0.098
0.250	-0.087	.0388	0.447	-0.111
0.400	-0.126	.0524	0.416	-0.140
0.550	-0.154	.0669	0.433	-0.145
0.700	-0.169	.0734	0.434	-0.130
0.850	-0.168	.0746	0.444	-0.101
1.000	0.000	.0000	0.000	0.000
M = 2.231		α = -03.78		
0.208	-0.075	.0344	0.456	-0.100
0.250	-0.088	.0380	0.431	-0.113
0.400	-0.127	.0523	0.412	-0.141
0.550	-0.154	.0685	0.445	-0.145
0.700	-0.171	.0775	0.454	-0.131
0.850	-0.163	.0745	0.457	-0.098
1.000	0.000	.0000	0.000	0.000
M = 2.231		α = 00.20		
0.208	-0.064	.0311	0.488	-0.084
0.250	-0.076	.0343	0.449	-0.098
0.400	-0.113	.0469	0.415	-0.125
0.550	-0.136	.0610	0.448	-0.128
0.700	-0.152	.0688	0.453	-0.117
0.850	-0.147	.0669	0.454	-0.088
1.000	0.000	.0000	0.000	0.000
M = 2.227		α = 04.28		
0.208	-0.057	.0280	0.492	-0.075
0.250	-0.069	.0313	0.454	-0.088
0.400	-0.103	.0432	0.419	-0.114
0.550	-0.123	.0553	0.448	-0.116
0.700	-0.139	.0629	0.453	-0.107
0.850	-0.135	.0607	0.451	-0.080
1.000	0.000	.0000	0.000	0.000
M = 2.231		α = 08.21		
0.208	-0.055	.0232	0.424	-0.072
0.250	-0.067	.0285	0.427	-0.085
0.400	-0.099	.0433	0.436	-0.110
0.550	-0.115	.0515	0.448	-0.108
0.700	-0.130	.0584	0.451	-0.100
0.850	-0.126	.0564	0.446	-0.076
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 2.234		α = 12.19		
0.208	-0.048	.0180	0.376	-0.063
0.250	-0.058	.0224	0.384	-0.074
0.400	-0.088	.0363	0.414	-0.097
0.550	-0.106	.0476	0.448	-0.100
0.700	-0.120	.0533	0.445	-0.092
0.850	-0.118	.0531	0.450	-0.071
1.000	0.000	.0000	0.000	0.000

TABLE X.- SECTION COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 0° SIDESLIP. VALUES FOR y/b OF 0.208 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(e) BV_5WC $\delta = 0.4°$

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 0.704		α = -04.33		
0.208	-0.169	.0676	0.400	-0.225
0.250	-0.176	.0656	0.372	-0.226
0.400	-0.209	.0633	0.303	-0.232
0.550	-0.252	.0690	0.274	-0.237
0.700	-0.282	.0685	0.243	-0.217
0.850	-0.277	.0631	0.228	-0.166
1.000	0.000	.0000	0.000	0.000
M = 0.699		α = -00.10		
0.208	-0.172	.0708	0.412	-0.228
0.250	-0.179	.0681	0.381	-0.229
0.400	-0.210	.0640	0.305	-0.233
0.550	-0.249	.0687	0.276	-0.234
0.700	-0.277	.0672	0.243	-0.213
0.850	-0.272	.0656	0.242	-0.163
1.000	0.000	.0000	0.000	0.000
M = 0.698		α = 03.83		
0.208	-0.169	.0701	0.413	-0.225
0.250	-0.179	.0684	0.381	-0.230
0.400	-0.215	.0664	0.309	-0.239
0.550	-0.251	.0701	0.280	-0.236
0.700	-0.274	.0659	0.241	-0.211
0.850	-0.270	.0666	0.246	-0.162
1.000	0.000	.0000	0.000	0.000
M = 0.699		α = 07.90		
0.208	-0.157	.0611	0.389	-0.209
0.250	-0.172	.0626	0.364	-0.220
0.400	-0.222	.0685	0.309	-0.246
0.550	-0.266	.0759	0.286	-0.250
0.700	-0.283	.0694	0.245	-0.218
0.850	-0.280	.0691	0.247	-0.168
1.000	0.000	.0000	0.000	0.000
M = 0.702		α = 11.74		
0.208	-0.131	.0454	0.346	-0.174
0.250	-0.146	.0472	0.324	-0.186
0.400	-0.207	.0598	0.289	-0.230
0.550	-0.282	.0824	0.292	-0.266
0.700	-0.309	.0782	0.253	-0.238
0.850	-0.296	.0686	0.232	-0.178
1.000	0.000	.0000	0.000	0.000
M = 0.702		α = 15.76		
0.208	-0.114	.0381	0.333	-0.152
0.250	-0.114	.0312	0.274	-0.146
0.400	-0.154	.0315	0.205	-0.171
0.550	-0.261	.0713	0.273	-0.246
0.700	-0.358	.0943	0.264	-0.276
0.850	-0.330	.0752	0.228	-0.198
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 0.906		α = 03.69		
0.208	-0.178	.0771	0.434	-0.236
0.250	-0.186	.0734	0.396	-0.238
0.400	-0.219	.0672	0.307	-0.243
0.550	-0.261	.0716	0.275	-0.245
0.700	-0.288	.0707	0.246	-0.222
0.850	-0.300	.0865	0.288	-0.180
1.000	0.000	.0000	0.000	0.000
M = 0.954		α = 03.73		
0.208	-0.184	.0859	0.467	-0.245
0.250	-0.193	.0808	0.419	-0.247
0.400	-0.227	.0701	0.308	-0.253
0.550	-0.270	.0717	0.266	-0.254
0.700	-0.297	.0679	0.229	-0.229
0.850	-0.297	.0816	0.274	-0.179
1.000	0.000	.0000	0.000	0.000
M = 0.995		α = 03.88		
0.208	-0.168	.0802	0.478	-0.223
0.250	-0.193	.0926	0.479	-0.248
0.400	-0.260	.1148	0.441	-0.289
0.550	-0.289	.1024	0.354	-0.272
0.700	-0.309	.0830	0.268	-0.238
0.850	-0.309	.0474	0.153	-0.185
1.000	0.000	.0000	0.000	0.000
M = 1.047		α = 03.88		
0.208	-0.154	.0741	0.482	-0.204
0.250	-0.186	.0927	0.500	-0.238
0.400	-0.258	.1224	0.474	-0.287
0.550	-0.267	.0948	0.355	-0.251
0.700	-0.319	.1090	0.342	-0.246
0.850	-0.319	.0675	0.212	-0.191
1.000	0.000	.0000	0.000	0.000
M = 1.097		α = 03.88		
0.208	-0.148	.0697	0.471	-0.197
0.250	-0.183	.0915	0.501	-0.234
0.400	-0.256	.1231	0.480	-0.285
0.550	-0.253	.0828	0.328	-0.238
0.700	-0.303	.1033	0.340	-0.234
0.850	-0.301	.0659	0.219	-0.181
1.000	0.000	.0000	0.000	0.000
M = 1.300		α = -04.13		
0.208	-0.129	.0642	0.498	-0.171
0.250	-0.143	.0672	0.472	-0.183
0.400	-0.193	.0808	0.419	-0.214
0.550	-0.245	.0985	0.402	-0.231
0.700	-0.272	.1001	0.368	-0.209
0.850	-0.295	.1003	0.340	-0.177
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 1.300		α = -00.20		
0.208	-0.128	.0677	0.527	-0.171
0.250	-0.141	.0694	0.491	-0.181
0.400	-0.187	.0790	0.423	-0.207
0.550	-0.232	.0944	0.404	-0.219
0.700	-0.262	.0982	0.375	-0.202
0.850	-0.275	.0919	0.334	-0.165
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = 03.73		
0.208	-0.122	.0659	0.541	-0.162
0.250	-0.137	.0685	0.502	-0.175
0.400	-0.187	.0800	0.429	-0.207
0.550	-0.233	.0953	0.409	-0.219
0.700	-0.260	.0977	0.376	-0.200
0.850	-0.276	.0968	0.350	-0.166
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = 07.76		
0.208	-0.098	.0516	0.525	-0.130
0.250	-0.122	.0586	0.481	-0.156
0.400	-0.190	.0795	0.417	-0.212
0.550	-0.235	.0943	0.402	-0.221
0.700	-0.265	.0985	0.371	-0.204
0.850	-0.275	.0987	0.359	-0.165
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = 11.89		
0.208	-0.086	.0363	0.423	-0.114
0.250	-0.102	.0411	0.404	-0.130
0.400	-0.165	.0630	0.382	-0.183
0.550	-0.237	.0926	0.391	-0.223
0.700	-0.272	.1082	0.397	-0.210
0.850	-0.280	.1116	0.399	-0.168
1.000	0.000	.0000	0.000	0.000
M = 1.300		α = 15.87		
0.208	-0.081	.0370	0.458	-0.107
0.250	-0.092	.0352	0.384	-0.117
0.400	-0.138	.0432	0.313	-0.153
0.550	-0.196	.0739	0.377	-0.184
0.700	-0.268	.1118	0.417	-0.207
0.850	-0.272	.1141	0.420	-0.163
1.000	0.000	.0000	0.000	0.000
M = 1.500		α = 03.73		
0.208	-0.090	.0460	0.514	-0.119
0.250	-0.108	.0523	0.482	-0.139
0.400	-0.162	.0695	0.428	-0.180
0.550	-0.196	.0783	0.400	-0.184
0.700	-0.216	.0817	0.378	-0.166
0.850	-0.246	.1026	0.416	-0.148
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 1.700		α = 03.68		
0.208	-0.077	.0391	0.508	-0.102
0.250	-0.094	.0434	0.463	-0.120
0.400	-0.144	.0587	0.408	-0.160
0.550	-0.180	.0742	0.412	-0.169
0.700	-0.202	.0861	0.425	-0.156
0.850	-0.208	.0907	0.436	-0.125
1.000	0.000	.0000	0.000	0.000
M = 1.906		α = 03.93		
0.208	-0.069	.0319	0.462	-0.091
0.250	-0.084	.0369	0.439	-0.108
0.400	-0.128	.0535	0.417	-0.142
0.550	-0.156	.0677	0.433	-0.147
0.700	-0.169	.0738	0.436	-0.130
0.850	-0.170	.0754	0.444	-0.102
1.000	0.000	.0000	0.000	0.000
M = 2.227		α = -03.83		
0.208	-0.076	.0345	0.457	-0.100
0.250	-0.087	.0380	0.434	-0.112
0.400	-0.125	.0517	0.414	-0.138
0.550	-0.153	.0675	0.440	-0.144
0.700	-0.164	.0741	0.451	-0.126
0.850	-0.159	.0714	0.449	-0.095
1.000	0.000	.0000	0.000	0.000
M = 2.227		α = 00.20		
0.208	-0.064	.0301	0.470	-0.085
0.250	-0.077	.0345	0.448	-0.098
0.400	-0.114	.0486	0.426	-0.127
0.550	-0.137	.0602	0.440	-0.129
0.700	-0.147	.0663	0.450	-0.113
0.850	-0.144	.0646	0.450	-0.086
1.000	0.000	.0000	0.000	0.000
M = 2.230		α = 04.18		
0.208	-0.054	.0260	0.478	-0.072
0.250	-0.067	.0302	0.450	-0.086
0.400	-0.104	.0440	0.425	-0.115
0.550	-0.126	.0562	0.445	-0.119
0.700	-0.135	.0608	0.449	-0.104
0.850	-0.132	.0593	0.448	-0.079
1.000	0.000	.0000	0.000	0.000
M = 2.224		α = 08.21		
0.208	-0.043	.0190	0.446	-0.056
0.250	-0.055	.0239	0.431	-0.071
0.400	-0.094	.0403	0.429	-0.104
0.550	-0.121	.0547	0.453	-0.113
0.700	-0.126	.0560	0.443	-0.097
0.850	-0.125	.0548	0.440	-0.074
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 2.234		α = 12.24		
0.208	-0.039	.0153	0.394	-0.051
0.250	-0.047	.0189	0.402	-0.060
0.400	-0.075	.0319	0.427	-0.083
0.550	-0.101	.0456	0.450	-0.095
0.700	-0.123	.0552	0.450	-0.094
0.850	-0.121	.0533	0.439	-0.072
1.000	0.000	.0000	0.000	0.000
M = 2.231		α = 16.31		
0.208	-0.031	.0109	0.346	-0.041
0.250	-0.040	.0152	0.378	-0.051
0.400	-0.062	.0263	0.423	-0.069
0.550	-0.071	.0310	0.438	-0.066
0.700	-0.097	.0425	0.436	-0.075
0.850	-0.125	.0563	0.450	-0.075
1.000	0.000	.0000	0.000	0.000

TABLE X.- SECTION COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 0° SIDESLIP. VALUES FOR y/b OF 0.208 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(f) BV

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 0.700		α = -04.28		
0.208	-0.019	.0155	0.806	-0.025
0.250	-0.019	.0156	0.827	-0.024
0.400	-0.022	.0177	0.820	-0.024
0.550	-0.030	.0219	0.732	-0.028
0.700	-0.026	.0129	0.498	-0.019
0.850	-0.029	.0115	0.392	-0.017
1.000	0.000	.0000	0.000	0.000
M = 0.701		α = -00.25		
0.208	-0.016	.0131	0.812	-0.021
0.250	-0.014	.0120	0.841	-0.018
0.400	-0.015	.0122	0.833	-0.016
0.550	-0.026	.0191	0.728	-0.024
0.700	-0.019	.0094	0.483	-0.015
0.850	-0.025	.0103	0.408	-0.015
1.000	0.000	.0000	0.000	0.000
M = 0.700		α = 03.73		
0.208	-0.012	.0098	0.825	-0.015
0.250	-0.011	.0099	0.876	-0.014
0.400	-0.014	.0122	0.893	-0.015
0.550	-0.023	.0172	0.764	-0.021
0.700	-0.019	.0091	0.489	-0.014
0.850	-0.019	.0067	0.355	-0.011
1.000	0.000	.0000	0.000	0.000
M = 0.700		α = 07.76		
0.208	-0.015	.0145	0.978	-0.019
0.250	-0.013	.0131	1.007	-0.016
0.400	-0.012	.0115	0.966	-0.013
0.550	-0.019	.0154	0.811	-0.017
0.700	-0.011	.0059	0.533	-0.008
0.850	-0.017	.0062	0.376	-0.009
1.000	0.000	.0000	0.000	0.000
M = 0.697		α = 11.74		
0.208	-0.013	.0139	1.056	-0.017
0.250	-0.012	.0135	1.085	-0.015
0.400	-0.012	.0128	1.063	-0.013
0.550	-0.015	.0136	0.887	-0.014
0.700	-0.007	.0040	0.545	-0.005
0.850	-0.016	.0076	0.485	-0.009
1.000	0.000	.0000	0.000	0.000
M = 0.699		α = 15.72		
0.208	-0.013	.0103	0.773	-0.017
0.250	-0.011	.0112	0.991	-0.014
0.400	-0.009	.0137	1.526	-0.009
0.550	-0.014	.0146	1.059	-0.013
0.700	-0.005	.0038	0.704	-0.004
0.850	-0.012	.0059	0.508	-0.006
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 0.904		α = 03.78		
0.208	-0.009	.0095	1.024	-0.012
0.250	-0.009	.0093	1.051	-0.011
0.400	-0.011	.0113	1.004	-0.012
0.550	-0.020	.0179	0.890	-0.018
0.700	-0.021	.0140	0.675	-0.015
0.850	-0.016	.0071	0.430	-0.009
1.000	0.000	.0000	0.000	0.000
M = 0.954		α = 03.83		
0.208	0.003	-.0022	0.662	0.004
0.250	-0.006	.0078	1.219	-0.008
0.400	-0.027	.0277	1.020	-0.030
0.550	-0.027	.0236	0.880	-0.025
0.700	-0.012	.0106	0.878	-0.009
0.850	-0.016	.0056	0.360	-0.009
1.000	0.000	.0000	0.000	0.000
M = 1.004		α = 03.93		
0.208	-0.012	.0138	1.104	-0.016
0.250	-0.007	.0089	1.274	-0.008
0.400	-0.001	.0044	2.984	-0.001
0.550	-0.018	.0201	1.114	-0.017
0.700	-0.006	.0104	1.683	-0.004
0.850	-0.018	.0114	0.618	-0.011
1.000	0.000	.0000	0.000	0.000
M = 1.054		α = 03.93		
0.208	-0.004	.0042	1.081	-0.005
0.250	-0.008	.0095	1.151	-0.010
0.400	-0.014	.0170	1.234	-0.015
0.550	-0.003	.0066	1.891	-0.003
0.700	-0.015	.0143	0.988	-0.011
0.850	-0.013	.0117	0.908	-0.007
1.000	0.000	.0000	0.000	0.000
M = 1.097		α = 04.03		
0.208	-0.008	.0063	0.749	-0.011
0.250	-0.012	.0108	0.899	-0.015
0.400	-0.017	.0171	1.022	-0.018
0.550	-0.009	.0082	0.924	-0.008
0.700	-0.004	.0057	1.446	-0.003
0.850	-0.010	.0099	0.971	-0.006
1.000	0.000	.0000	0.000	0.000
M = 1.301		α = -04.13		
0.208	-0.025	.0139	0.553	-0.033
0.250	-0.020	.0135	0.675	-0.025
0.400	-0.010	.0136	1.328	-0.011
0.550	-0.014	.0162	1.146	-0.013
0.700	-0.031	.0238	0.762	-0.024
0.850	-0.013	.0128	0.951	-0.008
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 1.301		α = -00.20		
0.208	-0.012	.0080	0.649	-0.016
0.250	-0.013	.0109	0.861	-0.016
0.400	-0.013	.0160	1.249	-0.014
0.550	-0.011	.0128	1.123	-0.010
0.700	-0.015	.0142	0.960	-0.011
0.850	-0.008	.0092	1.158	-0.004
1.000	0.000	.0000	0.000	0.000
M = 1.302		α = 03.93		
0.208	-0.005	.0035	0.698	-0.006
0.250	-0.009	.0090	0.973	-0.011
0.400	-0.015	.0175	1.172	-0.016
0.550	-0.006	.0089	1.433	-0.005
0.700	-0.006	.0085	1.463	-0.004
0.850	-0.008	.0103	1.322	-0.004
1.000	0.000	.0000	0.000	0.000
M = 1.303		α = 07.86		
0.208	-0.027	.0155	0.583	-0.035
0.250	-0.023	.0166	0.723	-0.029
0.400	-0.014	.0173	1.227	-0.015
0.550	-0.012	.0131	1.101	-0.011
0.700	-0.008	.0091	1.199	-0.005
0.850	-0.010	.0132	1.302	-0.006
1.000	0.000	.0000	0.000	0.000
M = 1.303		α = 11.94		
0.208	-0.015	.0072	0.489	-0.019
0.250	-0.017	.0079	0.647	-0.015
0.400	-0.008	.0101	1.328	-0.008
0.550	-0.010	.0122	1.191	-0.009
0.700	0.003	.0033	-1.167	0.002
0.850	-0.008	.0115	1.455	-0.004
1.000	0.000	.0000	0.000	0.000
M = 1.303		α = 15.82		
0.208	-0.024	.0122	0.514	-0.031
0.250	-0.012	.0058	0.484	-0.015
0.400	0.007	-.0021	0.313	0.007
0.550	-0.011	.0133	1.228	-0.010
0.700	0.009	.0018	-0.192	0.007
0.850	-0.005	.0082	1.716	-0.002
1.000	0.000	.0000	0.000	0.000
M = 1.499		α = 03.83		
0.208	-0.012	.0072	0.605	-0.015
0.250	-0.009	.0069	0.728	-0.012
0.400	-0.006	.0074	1.247	-0.006
0.550	-0.011	.0104	0.983	-0.009
0.700	-0.024	.0159	0.658	-0.018
0.850	-0.007	.0063	0.926	-0.004
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 1.704		α = 03.83		
0.208	-0.013	.0060	0.460	-0.017
0.250	-0.010	.0055	0.537	-0.013
0.400	-0.005	.0051	1.056	-0.005
0.550	-0.006	.0065	1.070	-0.005
0.700	-0.025	.0168	0.666	-0.019
0.850	-0.009	.0062	0.723	-0.005
1.000	0.000	.0000	0.000	0.000
M = 1.903		α = 03.98		
0.208	-0.008	.0031	0.380	-0.010
0.250	-0.007	.0035	0.534	-0.008
0.400	-0.004	.0050	1.355	-0.004
0.550	-0.006	.0067	1.170	-0.005
0.700	-0.021	.0152	0.708	-0.016
0.850	-0.006	.0049	0.794	-0.003
1.000	0.000	.0000	0.000	0.000
M = 2.225		α = -03.78		
0.208	-0.006	.0032	0.498	-0.008
0.250	-0.006	.0039	0.688	-0.007
0.400	-0.005	.0056	1.136	-0.005
0.550	-0.007	.0062	0.856	-0.006
0.700	-0.036	.0233	0.644	-0.027
0.850	-0.006	.0054	0.870	-0.003
1.000	0.000	.0000	0.000	0.000
M = 2.237		α = 00.25		
0.208	-0.006	.0020	0.327	-0.008
0.250	-0.007	.0044	0.626	-0.009
0.400	-0.008	.0083	1.089	-0.008
0.550	-0.005	.0051	1.101	-0.004
0.700	-0.041	.0249	0.614	-0.031
0.850	-0.008	.0062	0.746	-0.005
1.000	0.000	.0000	0.000	0.000
M = 2.235		α = 04.23		
0.208	-0.005	.0016	0.296	-0.007
0.250	-0.006	.0041	0.652	-0.008
0.400	-0.007	.0079	1.098	-0.007
0.550	-0.004	.0033	0.887	-0.003
0.700	-0.038	.0244	0.635	-0.029
0.850	-0.006	.0052	0.799	-0.003
1.000	0.000	.0000	0.000	0.000
M = 2.230		α = 08.21		
0.208	-0.008	.0097	1.266	-0.010
0.250	-0.002	.0037	1.893	-0.002
0.400	0.007	-.0055	0.808	0.007
0.550	-0.002	.0041	1.701	-0.002
0.700	-0.035	.0218	0.624	-0.026
0.850	-0.005	.0041	0.850	-0.002
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 2.234		α = 12.24		
0.208	0.002	-.0008	0.331	0.003
0.250	0.002	.0010	-0.605	0.002
0.400	-0.002	.0051	2.670	-0.002
0.550	-0.007	.0061	0.889	-0.006
0.700	-0.029	.0185	0.640	-0.022
0.850	-0.007	.0052	0.750	-0.004
1.000	0.000	.0000	0.000	0.000
M = 2.220		α = 16.22		
0.208	-0.001	.0010	0.768	-0.001
0.250	-0.000	.0012	3.272	-0.000
0.400	-0.000	.0025	9.279	-0.000
0.550	-0.005	.0044	0.887	-0.004
0.700	-0.018	.0125	0.710	-0.013
0.850	-0.005	.0043	0.866	-0.002
1.000	0.000	.0000	0.000	0.000

TABLE X.- SECTION COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 0° SIDESLIP. VALUES FOR y/b OF 0.208 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued
(g) BVC $\delta = -0.1^\circ$

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$	y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$	y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$	y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$	y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 0.701		α = -04.08			M = 0.902		α = 03.73			M = 1.303		α = -00.15			M = 1.702		α = 03.73			M = 2.227		α = 12.19		
0.208	-0.020	.0158	0.788	-0.026	0.208	-0.007	.0053	0.808	-0.008	0.208	-0.013	.0086	0.671	-0.017	0.208	-0.015	.0078	0.516	-0.020	0.208	0.000	-.0013	9.338	0.000
0.250	-0.019	.0152	0.819	-0.023	0.250	-0.009	.0083	0.932	-0.011	0.250	-0.011	.0095	0.868	-0.013	0.250	-0.011	.0058	0.533	-0.013	0.250	0.001	-.0009	0.975	0.001
0.400	-0.020	.0161	0.809	-0.022	0.400	-0.017	.0164	0.964	-0.018	0.400	-0.009	.0131	1.401	-0.010	0.400	-0.004	.0038	0.876	-0.004	0.400	0.001	.0017	-2.281	0.000
0.550	-0.031	.0216	0.687	-0.029	0.550	-0.025	.0202	0.824	-0.023	0.550	-0.016	.0175	1.095	-0.015	0.550	-0.012	.0102	0.871	-0.010	0.550	-0.004	.0063	1.417	-0.004
0.700	-0.028	.0136	0.479	-0.021	0.700	-0.018	.0112	0.610	-0.014	0.700	-0.014	.0139	0.962	-0.011	0.700	-0.002	.0033	1.595	-0.001	0.700	-0.062	.0370	0.601	-0.047
0.850	-0.032	.0127	0.402	-0.019	0.850	-0.017	.0065	0.390	-0.010	0.850	-0.011	.0110	1.003	-0.006	0.850	-0.010	.0071	0.683	-0.006	0.850	-0.005	.0040	0.878	-0.002
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000
M = 0.695		α = -00.25			M = 0.956		α = 03.83			M = 1.304		α = 03.73			M = 1.912		α = 04.03			M = 2.230		α = 16.22		
0.208	-0.012	.0110	0.909	-0.016	0.208	-0.001	.0019	1.970	-0.001	0.208	-0.003	.0037	1.471	-0.003	0.208	-0.011	.0050	0.457	-0.014	0.208	-0.006	.0044	0.712	-0.008
0.250	-0.011	.0098	0.897	-0.014	0.250	-0.003	.0048	1.393	-0.004	0.250	-0.004	.0064	1.479	-0.005	0.250	-0.008	.0046	0.540	-0.010	0.250	-0.006	.0036	0.631	-0.007
0.400	-0.013	.0105	0.779	-0.014	0.400	-0.013	.0135	1.064	-0.014	0.400	-0.010	.0132	1.349	-0.010	0.400	-0.005	.0052	1.080	-0.005	0.400	-0.004	.0028	0.715	-0.004
0.550	-0.026	.0187	0.714	-0.024	0.550	-0.022	.0194	0.869	-0.021	0.550	-0.014	.0156	1.139	-0.012	0.550	-0.009	.0092	1.009	-0.008	0.550	-0.003	.0058	2.049	-0.002
0.700	-0.020	.0092	0.458	-0.015	0.700	-0.013	.0091	0.677	-0.010	0.700	-0.008	.0097	1.235	-0.006	0.700	0.005	-.0007	0.129	0.004	0.700	-0.055	.0348	0.634	-0.042
0.850	-0.028	.0120	0.432	-0.016	0.850	-0.018	.0076	0.415	-0.011	0.850	-0.010	.0103	1.051	-0.005	0.850	-0.007	.0045	0.669	-0.004	0.850	0.000	.0021	0.000	0.000
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000
M = 0.697		α = 03.78			M = 0.999		α = 03.93			M = 1.304		α = 07.86			M = 2.229		α = -03.68							
0.208	-0.006	.0067	1.038	-0.008	0.208	-0.012	.0120	1.018	-0.015	0.208	-0.008	.0079	1.017	-0.010	0.208	-0.011	.0062	0.568	-0.014					
0.250	-0.008	.0078	1.000	-0.010	0.250	-0.008	.0093	1.127	-0.010	0.250	-0.008	.0093	1.168	-0.010	0.250	-0.008	.0054	0.644	-0.010					
0.400	-0.014	.0124	0.862	-0.016	0.400	-0.009	.0110	1.188	-0.010	0.400	-0.009	.0127	1.379	-0.010	0.400	-0.004	.0047	1.168	-0.004					
0.550	-0.024	.0180	0.759	-0.022	0.550	-0.032	.0306	0.965	-0.029	0.550	-0.011	.0137	1.195	-0.010	0.550	-0.007	.0073	1.082	-0.006					
0.700	-0.015	.0076	0.490	-0.011	0.700	-0.005	.0042	0.908	-0.003	0.700	-0.006	.0086	1.385	-0.004	0.700	-0.004	.0387	0.601	-0.049					
0.850	-0.021	.0081	0.380	-0.012	0.850	-0.027	.0156	0.585	-0.016	0.850	-0.006	.0081	1.315	-0.003	0.850	-0.006	.0051	0.793	-0.003					
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000					
M = 0.695		α = 07.81			M = 1.049		α = 03.93			M = 1.305		α = 11.94			M = 2.229		α = 00.35							
0.208	-0.004	.0039	1.110	-0.004	0.208	0.001	-.0004	0.422	0.001	0.208	-0.004	.0020	0.455	-0.005	0.208	-0.008	.0046	0.561	-0.010					
0.250	-0.003	.0043	1.404	-0.003	0.250	-0.003	.0045	1.380	-0.004	0.250	-0.007	.0067	0.968	-0.008	0.250	-0.007	.0047	0.678	-0.008					
0.400	-0.007	.0084	1.149	-0.008	0.400	-0.011	.0129	1.175	-0.012	0.400	-0.012	.0158	1.358	-0.012	0.400	-0.005	.0052	1.159	-0.005					
0.550	-0.021	.0168	0.807	-0.019	0.550	-0.008	.0074	0.979	-0.007	0.550	-0.010	.0132	1.321	-0.009	0.550	-0.006	.0066	1.061	-0.005					
0.700	-0.013	.0068	0.505	-0.010	0.700	-0.019	.0155	0.796	-0.015	0.700	-0.009	.0110	1.171	-0.007	0.700	-0.006	.0066	0.934	-0.006					
0.850	-0.017	.0063	0.378	-0.010	0.850	-0.016	.0126	0.790	-0.009	0.850	-0.005	.0094	1.868	-0.003	0.850	-0.008	.0064	0.820	-0.004					
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000					
M = 0.697		α = 11.79			M = 1.101		α = 03.93			M = 1.302		α = 15.87			M = 2.230		α = 04.42							
0.208	-0.007	.0080	1.099	-0.009	0.208	-0.005	.0057	1.114	-0.006	0.208	-0.020	.0104	0.521	-0.026	0.208	-0.008	.0036	0.469	-0.010					
0.250	-0.005	.0075	1.576	-0.006	0.250	-0.008	.0092	1.142	-0.010	0.250	-0.015	.0090	0.603	-0.019	0.250	-0.007	.0044	0.628	-0.009					
0.400	-0.004	.0088	2.311	-0.004	0.400	-0.012	.0141	1.179	-0.013	0.400	-0.005	.0081	1.542	-0.005	0.400	-0.006	.0066	1.088	-0.006					
0.550	-0.016	.0154	0.972	-0.014	0.550	-0.006	.0072	1.290	-0.005	0.550	-0.009	.0138	1.535	-0.008	0.550	-0.008	.0078	1.016	-0.007					
0.700	-0.014	.0084	0.597	-0.010	0.700	-0.010	.0096	0.993	-0.007	0.700	-0.009	.0134	1.411	-0.007	0.700	-0.006	.0064	0.938	-0.006					
0.850	-0.015	.0061	0.418	-0.008	0.850	-0.009	.0067	0.712	-0.005	0.850	-0.004	.0076	1.988	-0.002	0.850	-0.005	.0035	0.780	-0.002					
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000					
M = 0.699		α = 15.67			M = 1.303		α = -04.18			M = 1.498		α = 03.78			M = 2.233		α = 08.21							
0.208	-0.007	.0099	1.372	-0.009	0.208	-0.030	.0176	0.581	-0.040	0.208	-0.012	.0108	0.886	-0.016	0.208	-0.007	.0028	0.385	-0.009					
0.250	-0.003	.0086	2.503	-0.004	0.250	-0.023	.0151	0.669	-0.029	0.250	-0.008	.0077	0.929	-0.010	0.250	-0.005	.0030	0.561	-0.006					
0.400	0.001	.0079	-9.743	0.000	0.400	-0.009	.0122	1.322	-0.010	0.400	-0.003	.0040	1.314	-0.003	0.400	-0.002	.0041	1.717	-0.002					
0.550	-0.009	.0132	1.413	-0.008	0.550	-0.018	.0184	1.044	-0.016	0.550	-0.011	.0118	1.045	-0.010	0.550	-0.006	.0058	1.016	-0.005					
0.700	-0.006	.0061	0.962	-0.004	0.700	-0.022	.0179	0.811	-0.017	0.700	-0.001	.0031	5.451	0.000	0.700	-0.006	.0065	0.383	0.592	-0.049					
0.850	-0.012	.0049	0.404	-0.007	0.850	-0.012	.0112	0.898	-0.007	0.850	-0.005	.0053	1.068	-0.003	0.850	-0.008	.0058	0.725	-0.004					
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000					

TABLE X.- SECTION COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 0° SIDESLIP. VALUES FOR y/b OF 0.208 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(h) BVC $\delta = 9.7°$

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}} c_{Y_V}$
M = 0.699		**α = -04.28**		
0.208	-0.018	.0151	0.839	-0.023
0.250	-0.017	.0149	0.854	-0.022
0.400	-0.020	.0165	0.818	-0.022
0.550	-0.030	.0215	0.720	-0.028
0.700	-0.024	.0123	0.503	-0.018
0.850	-0.030	.0125	0.415	-0.018
1.000	0.000	.0000	0.000	0.000
M = 0.697		**α = -00.06**		
0.208	-0.017	.0142	0.846	-0.022
0.250	-0.014	.0127	0.890	-0.018
0.400	-0.014	.0122	0.892	-0.015
0.550	-0.026	.0195	0.739	-0.024
0.700	-0.019	.0095	0.502	-0.014
0.850	-0.024	.0102	0.419	-0.014
1.000	0.000	.0000	0.000	0.000
M = 0.698		**α = 03.83**		
0.208	-0.014	.0125	0.874	-0.019
0.250	-0.013	.0118	0.926	-0.016
0.400	-0.014	.0126	0.933	-0.015
0.550	-0.024	.0183	0.768	-0.022
0.700	-0.015	.0074	0.490	-0.011
0.850	-0.020	.0079	0.397	-0.012
1.000	0.000	.0000	0.000	0.000
M = 0.696		**α = 07.85**		
0.208	-0.014	.0120	0.834	-0.019
0.250	-0.014	.0123	0.864	-0.018
0.400	-0.017	.0147	0.852	-0.019
0.550	-0.026	.0190	0.739	-0.024
0.700	-0.014	.0067	0.488	-0.010
0.850	-0.018	.0070	0.400	-0.010
1.000	0.000	.0000	0.000	0.000
M = 0.699		**α = 11.79**		
0.208	-0.008	.0095	1.246	-0.010
0.250	-0.007	.0089	1.290	-0.008
0.400	-0.009	.0101	1.074	-0.010
0.550	-0.020	.0166	0.834	-0.018
0.700	-0.018	.0103	0.569	-0.013
0.850	-0.015	.0062	0.417	-0.008
1.000	0.000	.0000	0.000	0.000
M = 0.696		**α = 15.72**		
0.208	-0.010	.0110	1.138	-0.012
0.250	-0.006	.0097	1.519	-0.008
0.400	-0.002	.0084	3.825	-0.002
0.550	-0.010	.0124	1.249	-0.009
0.700	-0.011	.0071	0.674	-0.008
0.850	-0.016	.0072	0.451	-0.009
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}} c_{Y_V}$
M = 0.901		**α = 03.73**		
0.208	-0.019	.0158	0.817	-0.025
0.250	-0.017	.0145	0.867	-0.021
0.400	-0.015	.0142	0.967	-0.016
0.550	-0.024	.0208	0.857	-0.022
0.700	-0.015	.0096	0.630	-0.011
0.850	-0.017	.0068	0.410	-0.009
1.000	0.000	.0000	0.000	0.000
M = 0.954		**α = 03.73**		
0.208	-0.017	.0142	0.817	-0.023
0.250	-0.015	.0136	0.883	-0.019
0.400	-0.014	.0143	1.011	-0.015
0.550	-0.022	.0195	0.886	-0.020
0.700	-0.010	.0083	0.791	-0.008
0.850	-0.017	.0077	0.449	-0.010
1.000	0.000	.0000	0.000	0.000
M = 1.003		**α = 03.88**		
0.208	-0.023	.0189	0.828	-0.030
0.250	-0.019	.0167	0.891	-0.024
0.400	-0.015	.0169	1.095	-0.017
0.550	-0.030	.0298	0.999	-0.028
0.700	-0.010	.0124	1.196	-0.008
0.850	-0.016	.0100	0.622	-0.009
1.000	0.000	.0000	0.000	0.000
M = 1.047		**α = 03.93**		
0.208	-0.024	.0183	0.766	-0.031
0.250	-0.020	.0165	0.825	-0.025
0.400	-0.010	.0105	1.070	-0.010
0.550	-0.005	.0051	0.933	-0.005
0.700	-0.013	.0116	0.914	-0.009
0.850	-0.018	.0158	0.890	-0.010
1.000	0.000	.0000	0.000	0.000
M = 1.101		**α = 03.79**		
0.208	-0.011	.0085	0.783	-0.014
0.250	-0.014	.0130	0.941	-0.017
0.400	-0.017	.0196	1.127	-0.019
0.550	-0.010	.0113	1.134	-0.009
0.700	-0.004	.0055	1.221	-0.003
0.850	-0.006	.0047	0.771	-0.003
1.000	0.000	.0000	0.000	0.000
M = 1.301		**α = -04.13**		
0.208	-0.024	.0136	0.572	-0.031
0.250	-0.019	.0132	0.695	-0.024
0.400	-0.011	.0139	1.315	-0.011
0.550	-0.015	.0177	1.148	-0.014
0.700	-0.030	.0227	0.769	-0.022
0.850	-0.010	.0098	0.977	-0.006
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}} c_{Y_V}$
M = 1.305		**α = -00.10**		
0.208	-0.012	.0070	0.584	-0.015
0.250	-0.012	.0099	0.831	-0.015
0.400	-0.012	.0162	1.328	-0.013
0.550	-0.014	.0166	1.198	-0.013
0.700	-0.023	.0189	0.808	-0.018
0.850	-0.010	.0109	1.128	-0.005
1.000	0.000	.0000	0.000	0.000
M = 1.304		**α = 04.03**		
0.208	-0.007	.0052	0.721	-0.009
0.250	-0.009	.0087	0.964	-0.011
0.400	-0.013	.0162	1.230	-0.014
0.550	-0.013	.0157	1.165	-0.012
0.700	-0.016	.0149	0.928	-0.012
0.850	-0.008	.0093	1.203	-0.004
1.000	0.000	.0000	0.000	0.000
M = 1.305		**α = 07.91**		
0.208	-0.011	.0094	0.826	-0.015
0.250	-0.010	.0095	0.995	-0.012
0.400	-0.007	.0107	1.473	-0.008
0.550	-0.011	.0129	1.147	-0.010
0.700	-0.016	.0136	0.871	-0.012
0.850	-0.007	.0095	1.298	-0.004
1.000	0.000	.0000	0.000	0.000
M = 1.303		**α = 11.89**		
0.208	-0.001	.0024	1.777	-0.001
0.250	-0.006	.0083	1.381	-0.007
0.400	-0.014	.0184	1.314	-0.015
0.550	-0.008	.0112	1.330	-0.007
0.700	-0.026	.0190	0.746	-0.019
0.850	-0.001	.0022	2.927	0.000
1.000	0.000	.0000	0.000	0.000
M = 1.302		**α = 15.87**		
0.208	-0.002	.0045	1.969	-0.003
0.250	-0.002	.0056	3.624	-0.001
0.400	0.000	.0093	0.000	0.000
0.550	0.000	.0126	0.000	0.000
0.700	-0.013	.0183	1.369	-0.010
0.850	0.002	.0064	-3.532	0.001
1.000	0.000	.0000	0.000	0.000
M = 1.502		**α = 03.83**		
0.208	-0.014	.0074	0.539	-0.018
0.250	-0.012	.0080	0.687	-0.015
0.400	-0.009	.0102	1.172	-0.009
0.550	-0.012	.0121	1.001	-0.011
0.700	-0.019	.0128	0.682	-0.014
0.850	-0.004	.0053	1.278	-0.002
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}} c_{Y_V}$
M = 1.697		**α = 03.78**		
0.208	-0.013	.0047	0.349	-0.017
0.250	-0.012	.0058	0.502	-0.014
0.400	-0.009	.0089	1.012	-0.009
0.550	-0.012	.0105	0.883	-0.011
0.700	-0.021	.0138	0.668	-0.015
0.850	-0.010	.0078	0.747	-0.006
1.000	0.000	.0000	0.000	0.000
M = 1.904		**α = 03.98**		
0.208	-0.010	.0040	0.388	-0.013
0.250	-0.009	.0049	0.548	-0.011
0.400	-0.007	.0073	1.086	-0.007
0.550	-0.009	.0086	0.973	-0.008
0.700	-0.015	.0106	0.720	-0.011
0.850	-0.007	.0052	0.702	-0.004
1.000	0.000	.0000	0.000	0.000
M = 2.228		**α = -03.88**		
0.208	-0.008	.0049	0.580	-0.011
0.250	-0.007	.0048	0.688	-0.008
0.400	-0.004	.0052	1.198	-0.004
0.550	-0.006	.0071	1.144	-0.005
0.700	-0.008	.0069	0.876	-0.006
0.850	-0.006	.0044	0.764	-0.003
1.000	0.000	.0000	0.000	0.000
M = 2.224		**α = 00.25**		
0.208	-0.007	.0032	0.434	-0.009
0.250	-0.007	.0047	0.640	-0.009
0.400	-0.007	.0078	1.072	-0.008
0.550	-0.007	.0076	1.025	-0.006
0.700	-0.011	.0082	0.776	-0.008
0.850	-0.006	.0047	0.754	-0.003
1.000	0.000	.0000	0.000	0.000
M = 2.231		**α = 04.18**		
0.208	-0.008	.0032	0.378	-0.011
0.250	-0.009	.0055	0.616	-0.011
0.400	-0.009	.0096	1.052	-0.010
0.550	-0.007	.0073	1.005	-0.006
0.700	-0.012	.0087	0.734	-0.009
0.850	-0.006	.0045	0.741	-0.003
1.000	0.000	.0000	0.000	0.000
M = 2.224		**α = 08.21**		
0.208	-0.008	.0040	0.486	-0.011
0.250	-0.007	.0052	0.696	-0.009
0.400	-0.006	.0076	1.253	-0.006
0.550	-0.007	.0072	1.020	-0.006
0.700	-0.010	.0072	0.725	-0.007
0.850	-0.006	.0037	0.643	-0.003
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}} c_{Y_V}$
M = 2.236		**α = 12.24**		
0.208	-0.003	.0001	0.054	-0.003
0.250	-0.004	.0019	0.537	-0.004
0.400	-0.006	.0062	0.991	-0.006
0.550	-0.008	.0073	0.917	-0.007
0.700	-0.013	.0094	0.703	-0.010
0.850	-0.003	.0030	0.974	-0.001
1.000	0.000	.0000	0.000	0.000
M = 2.233		**α = 16.22**		
0.208	-0.007	.0029	0.435	-0.008
0.250	-0.010	.0040	0.423	-0.012
0.400	-0.016	.0080	0.513	-0.017
0.550	-0.014	.0114	0.802	-0.013
0.700	-0.005	.0095	1.881	-0.003
0.850	0.006	-.0009	0.155	0.003
1.000	0.000	.0000	0.000	0.000

TABLE X.- SECTION COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 0° SIDESLIP. VALUES FOR y/b OF 0.208 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(i) BV_5

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{\bar{c}_{av}} c_{Y_V}$
M = 0.698		α = -04.28		
0.208	-0.130	.0444	0.341	-0.173
0.250	-0.147	.0506	0.343	-0.189
0.400	-0.210	.0692	0.330	-0.233
0.550	-0.273	.0823	0.302	-0.257
0.700	-0.285	.0776	0.272	-0.220
0.850	-0.310	.0741	0.239	-0.186
1.000	0.000	.0000	0.000	0.000
M = 0.697		α = -00.35		
0.208	-0.137	.0516	0.376	-0.182
0.250	-0.153	.0555	0.362	-0.196
0.400	-0.204	.0664	0.325	-0.227
0.550	-0.243	.0719	0.296	-0.229
0.700	-0.279	.0763	0.273	-0.215
0.850	-0.274	.0669	0.244	-0.164
1.000	0.000	.0000	0.000	0.000
M = 0.699		α = 03.92		
0.208	-0.136	.0571	0.420	-0.180
0.250	-0.157	.0620	0.395	-0.201
0.400	-0.211	.0719	0.341	-0.234
0.550	-0.232	.0701	0.302	-0.218
0.700	-0.244	.0592	0.243	-0.188
0.850	-0.268	.0701	0.261	-0.161
1.000	0.000	.0000	0.000	0.000
M = 0.700		α = 07.81		
0.208	-0.127	.0471	0.370	-0.169
0.250	-0.156	.0599	0.383	-0.200
0.400	-0.225	.0843	0.374	-0.250
0.550	-0.239	.0755	0.316	-0.225
0.700	-0.253	.0687	0.271	-0.195
0.850	-0.251	.0680	0.271	-0.151
1.000	0.000	.0000	0.000	0.000
M = 0.698		α = 11.83		
0.208	-0.095	.0327	0.344	-0.126
0.250	-0.143	.0526	0.368	-0.183
0.400	-0.244	.0900	0.369	-0.271
0.550	-0.235	.0747	0.318	-0.221
0.700	-0.225	.0566	0.252	-0.173
0.850	-0.231	.0602	0.261	-0.138
1.000	0.000	.0000	0.000	0.000
M = 0.701		α = 15.72		
0.208	-0.093	.0328	0.353	-0.123
0.250	-0.139	.0509	0.366	-0.178
0.400	-0.242	.0873	0.361	-0.269
0.550	-0.246	.0799	0.325	-0.231
0.700	-0.207	.0492	0.237	-0.159
0.850	-0.201	.0470	0.234	-0.120
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{\bar{c}_{av}} c_{Y_V}$
M = 0.902		α = 03.78		
0.208	-0.149	.0647	0.434	-0.198
0.250	-0.160	.0649	0.406	-0.205
0.400	-0.197	.0661	0.336	-0.219
0.550	-0.230	.0679	0.295	-0.217
0.700	-0.251	.0641	0.256	-0.193
0.850	-0.268	.0712	0.265	-0.161
1.000	0.000	.0000	0.000	0.000
M = 0.953		α = 03.78		
0.208	-0.148	.0647	0.438	-0.196
0.250	-0.157	.0630	0.402	-0.201
0.400	-0.194	.0629	0.324	-0.216
0.550	-0.240	.0720	0.300	-0.226
0.700	-0.251	.0604	0.241	-0.193
0.850	-0.291	.0794	0.273	-0.175
1.000	0.000	.0000	0.000	0.000
M = 1.000		α = 03.88		
0.208	-0.142	.0638	0.448	-0.189
0.250	-0.155	.0659	0.424	-0.199
0.400	-0.204	.0757	0.371	-0.227
0.550	-0.256	.0887	0.347	-0.240
0.700	-0.279	.0750	0.269	-0.215
0.850	-0.272	.0551	0.203	-0.163
1.000	0.000	.0000	0.000	0.000
M = 1.053		α = 03.88		
0.208	-0.144	.0707	0.492	-0.191
0.250	-0.157	.0729	0.465	-0.201
0.400	-0.200	.0795	0.398	-0.222
0.550	-0.236	.0841	0.357	-0.222
0.700	-0.258	.0763	0.295	-0.199
0.850	-0.263	.0618	0.235	-0.158
1.000	0.000	.0000	0.000	0.000
M = 1.104		α = 03.88		
0.208	-0.146	.0743	0.509	-0.194
0.250	-0.157	.0757	0.481	-0.202
0.400	-0.198	.0812	0.411	-0.220
0.550	-0.237	.0873	0.369	-0.223
0.700	-0.259	.0810	0.313	-0.199
0.850	-0.262	.0696	0.265	-0.157
1.000	0.000	.0000	0.000	0.000
M = 1.299		α = -04.13		
0.208	-0.108	.0495	0.461	-0.143
0.250	-0.126	.0546	0.434	-0.161
0.400	-0.185	.0727	0.392	-0.206
0.550	-0.236	.0907	0.385	-0.222
0.700	-0.303	.1148	0.379	-0.233
0.850	-0.323	.1254	0.389	-0.194
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{\bar{c}_{av}} c_{Y_V}$
M = 1.302		α = -00.15		
0.208	-0.106	.0521	0.493	-0.140
0.250	-0.123	.0562	0.457	-0.157
0.400	-0.179	.0717	0.402	-0.198
0.550	-0.227	.0893	0.394	-0.213
0.700	-0.274	.1030	0.376	-0.211
0.850	-0.299	.1032	0.345	-0.179
1.000	0.000	.0000	0.000	0.000
M = 1.303		α = 03.88		
0.208	-0.122	.0703	0.575	-0.162
0.250	-0.134	.0691	0.514	-0.172
0.400	-0.177	.0720	0.406	-0.197
0.550	-0.220	.0861	0.391	-0.207
0.700	-0.251	.0974	0.387	-0.194
0.850	-0.263	.0915	0.348	-0.158
1.000	0.000	.0000	0.000	0.000
M = 1.303		α = 07.96		
0.208	-0.111	.0549	0.494	-0.148
0.250	-0.132	.0611	0.461	-0.169
0.400	-0.188	.0774	0.412	-0.209
0.550	-0.212	.0852	0.402	-0.199
0.700	-0.243	.0920	0.378	-0.188
0.850	-0.247	.0887	0.359	-0.148
1.000	0.000	.0000	0.000	0.000
M = 1.304		α = 12.03		
0.208	-0.056	.0089	0.158	-0.074
0.250	-0.110	.0411	0.373	-0.141
0.400	-0.225	.1051	0.467	-0.250
0.550	-0.222	.0898	0.405	-0.209
0.700	-0.235	.0904	0.385	-0.181
0.850	-0.235	.0890	0.379	-0.141
1.000	0.000	.0000	0.000	0.000
M = 1.306		α = 15.82		
0.208	-0.093	.0370	0.396	-0.124
0.250	-0.108	.0429	0.398	-0.138
0.400	-0.172	.0697	0.406	-0.191
0.550	-0.254	.1053	0.415	-0.239
0.700	-0.205	.0736	0.358	-0.158
0.850	-0.225	.0826	0.368	-0.135
1.000	0.000	.0000	0.000	0.000
M = 1.503		α = 03.78		
0.208	-0.089	.0455	0.514	-0.118
0.250	-0.109	.0515	0.471	-0.140
0.400	-0.164	.0681	0.414	-0.183
0.550	-0.192	.0778	0.406	-0.180
0.700	-0.234	.0915	0.391	-0.180
0.850	-0.226	.0797	0.353	-0.135
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{\bar{c}_{av}} c_{Y_V}$
M = 1.704		α = 03.73		
0.208	-0.078	.0394	0.504	-0.104
0.250	-0.099	.0453	0.457	-0.127
0.400	-0.153	.0618	0.403	-0.170
0.550	-0.176	.0712	0.405	-0.165
0.700	-0.215	.0863	0.402	-0.165
0.850	-0.215	.0881	0.410	-0.129
1.000	0.000	.0000	0.000	0.000
M = 1.905		α = 03.93		
0.208	-0.083	.0442	0.532	-0.110
0.250	-0.100	.0480	0.482	-0.127
0.400	-0.144	.0598	0.416	-0.159
0.550	-0.164	.0685	0.419	-0.154
0.700	-0.193	.0830	0.430	-0.149
0.850	-0.188	.0817	0.435	-0.113
1.000	0.000	.0000	0.000	0.000
M = 2.234		α = -03.73		
0.208	-0.068	.0301	0.441	-0.090
0.250	-0.080	.0344	0.430	-0.102
0.400	-0.115	.0488	0.425	-0.127
0.550	-0.138	.0615	0.446	-0.130
0.700	-0.159	.0728	0.459	-0.122
0.850	-0.144	.0643	0.446	-0.086
1.000	0.000	.0000	0.000	0.000
M = 2.234		α = 00.25		
0.208	-0.063	.0311	0.494	-0.083
0.250	-0.078	.0355	0.455	-0.100
0.400	-0.119	.0500	0.420	-0.132
0.550	-0.140	.0629	0.449	-0.131
0.700	-0.166	.0770	0.464	-0.127
0.850	-0.146	.0662	0.454	-0.087
1.000	0.000	.0000	0.000	0.000
M = 2.235		α = 04.28		
0.208	-0.057	.0278	0.487	-0.076
0.250	-0.076	.0352	0.462	-0.097
0.400	-0.124	.0545	0.440	-0.137
0.550	-0.139	.0626	0.449	-0.131
0.700	-0.165	.0759	0.461	-0.127
0.850	-0.144	.0651	0.451	-0.086
1.000	0.000	.0000	0.000	0.000
M = 2.224		α = 08.26		
0.208	-0.046	.0185	0.405	-0.060
0.250	-0.074	.0317	0.430	-0.094
0.400	-0.137	.0611	0.447	-0.152
0.550	-0.143	.0634	0.445	-0.134
0.700	-0.166	.0753	0.453	-0.128
0.850	-0.148	.0658	0.446	-0.088
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{\bar{c}_{av}} c_{Y_V}$
M = 2.731		α = 12.29		
0.208	-0.038	.0087	0.229	-0.050
0.250	-0.064	.0212	0.333	-0.081
0.400	-0.129	.0539	0.417	-0.143
0.550	-0.155	.0679	0.440	-0.145
0.700	-0.163	.0711	0.436	-0.125
0.850	-0.146	.0627	0.430	-0.087
1.000	0.000	.0000	0.000	0.000
M = 2.227		α = 16.26		
0.208	-0.060	.0187	0.313	-0.079
0.250	-0.052	.0178	0.344	-0.066
0.400	-0.062	.0251	0.408	-0.068
0.550	-0.130	.0487	0.373	-0.123
0.700	-0.171	.0704	0.412	-0.132
0.850	-0.151	.0621	0.410	-0.091
1.000	0.000	.0000	0.000	0.000

TABLE X.- SECTION COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 0° SIDESLIP. VALUES FOR y/b OF 0.208 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Concluded

(j) BV_5C $\delta = -0.1^\circ$

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 0.692		α = -04.38		
0.208	-0.136	.0535	0.393	-0.181
0.250	-0.147	.0531	0.361	-0.189
0.400	-0.191	.0570	0.298	-0.212
0.550	-0.242	.0697	0.288	-0.227
0.700	-0.267	.0648	0.243	-0.206
0.850	-0.288	.0658	0.228	-0.173
1.000	0.000	.0000	0.000	0.000
M = 0.700		α = -00.25		
0.208	-0.148	.0611	0.413	-0.196
0.250	-0.157	.0604	0.384	-0.202
0.400	-0.194	.0614	0.317	-0.215
0.550	-0.234	.0676	0.289	-0.220
0.700	-0.255	.0615	0.241	-0.197
0.850	-0.271	.0628	0.232	-0.162
1.000	0.000	.0000	0.000	0.000
M = 0.696		α = 03.78		
0.208	-0.147	.0634	0.430	-0.196
0.250	-0.158	.0623	0.395	-0.202
0.400	-0.195	.0622	0.320	-0.216
0.550	-0.233	.0682	0.293	-0.219
0.700	-0.249	.0587	0.236	-0.191
0.850	-0.266	.0653	0.246	-0.159
1.000	0.000	.0000	0.000	0.000
M = 0.695		α = 07.76		
0.208	-0.148	.0646	0.437	-0.196
0.250	-0.155	.0620	0.399	-0.199
0.400	-0.189	.0595	0.315	-0.210
0.550	-0.232	.0678	0.292	-0.219
0.700	-0.254	.0617	0.243	-0.195
0.850	-0.265	.0641	0.242	-0.159
1.000	0.000	.0000	0.000	0.000
M = 0.697		α = 11.74		
0.208	-0.150	.0667	0.444	-0.199
0.250	-0.156	.0636	0.408	-0.200
0.400	-0.179	.0574	0.321	-0.199
0.550	-0.207	.0588	0.283	-0.195
0.700	-0.236	.0547	0.232	-0.182
0.850	-0.262	.0583	0.222	-0.157
1.000	0.000	.0000	0.000	0.000
M = 0.695		α = 15.67		
0.208	-0.127	.0541	0.427	-0.168
0.250	-0.144	.0580	0.404	-0.184
0.400	-0.182	.0629	0.345	-0.202
0.550	-0.187	.0535	0.287	-0.175
0.700	-0.187	.0461	0.247	-0.144
0.850	-0.162	.0209	0.129	-0.097
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 0.901		α = 03.83		
0.208	-0.149	.0643	0.431	-0.198
0.250	-0.160	.0651	0.407	-0.205
0.400	-0.198	.0675	0.340	-0.220
0.550	-0.234	.0690	0.294	-0.220
0.700	-0.270	.0703	0.261	-0.208
0.850	-0.271	.0689	0.254	-0.163
1.000	0.000	.0000	0.000	0.000
M = 0.952		α = 03.87		
0.208	-0.152	.0671	0.440	-0.202
0.250	-0.165	.0691	0.418	-0.212
0.400	-0.206	.0723	0.351	-0.229
0.550	-0.240	.0695	0.290	-0.226
0.700	-0.265	.0633	0.239	-0.204
0.850	-0.282	.0716	0.254	-0.169
1.000	0.000	.0000	0.000	0.000
M = 1.059		α = 04.03		
0.208	-0.147	.0722	0.492	-0.195
0.250	-0.161	.0751	0.467	-0.206
0.400	-0.206	.0830	0.403	-0.229
0.550	-0.241	.0865	0.358	-0.227
0.700	-0.281	.0904	0.322	-0.216
0.850	-0.271	.0667	0.246	-0.163
1.000	0.000	.0000	0.000	0.000
M = 1.100		α = 04.03		
0.208	-0.138	.0689	0.499	-0.183
0.250	-0.157	.0764	0.486	-0.202
0.400	-0.211	.0919	0.436	-0.234
0.550	-0.241	.0894	0.371	-0.227
0.700	-0.265	.0852	0.322	-0.204
0.850	-0.268	.0681	0.254	-0.161
1.000	0.000	.0000	0.000	0.000
M = 1.302		α = -04.08		
0.208	-0.109	.0509	0.466	-0.145
0.250	-0.125	.0558	0.447	-0.160
0.400	-0.178	.0723	0.405	-0.198
0.550	-0.228	.0874	0.383	-0.215
0.700	-0.265	.0963	0.363	-0.204
0.850	-0.287	.1009	0.352	-0.172
1.000	0.000	.0000	0.000	0.000
M = 1.303		α = -00.25		
0.208	-0.119	.0627	0.529	-0.157
0.250	-0.131	.0636	0.485	-0.168
0.400	-0.176	.0715	0.407	-0.195
0.550	-0.219	.0868	0.396	-0.206
0.700	-0.250	.0921	0.368	-0.193
0.850	-0.264	.0842	0.319	-0.158
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 1.302		α = 03.78		
0.208	-0.126	.0725	0.574	-0.168
0.250	-0.136	.0692	0.509	-0.174
0.400	-0.174	.0691	0.396	-0.194
0.550	-0.219	.0873	0.399	-0.206
0.700	-0.238	.0884	0.371	-0.184
0.850	-0.253	.0835	0.330	-0.152
1.000	0.000	.0000	0.000	0.000
M = 1.304		α = 07.91		
0.208	-0.119	.0676	0.570	-0.157
0.250	-0.129	.0696	0.508	-0.165
0.400	-0.171	.0684	0.401	-0.190
0.550	-0.219	.0867	0.396	-0.206
0.700	-0.237	.0865	0.364	-0.183
0.850	-0.255	.0846	0.337	-0.153
1.000	0.000	.0000	0.000	0.000
M = 1.302		α = 11.89		
0.208	-0.125	.0717	0.574	-0.166
0.250	-0.134	.0683	0.508	-0.172
0.400	-0.170	.0661	0.389	-0.189
0.550	-0.207	.0789	0.381	-0.195
0.700	-0.238	.0843	0.355	-0.183
0.850	-0.254	.0774	0.304	-0.153
1.000	0.000	.0000	0.000	0.000
M = 1.302		α = 15.82		
0.208	-0.087	.0389	0.447	-0.115
0.250	-0.118	.0534	0.454	-0.151
0.400	-0.186	.0819	0.441	-0.206
0.550	-0.189	.0739	0.391	-0.178
0.700	-0.208	.0797	0.383	-0.160
0.850	-0.203	.0588	0.289	-0.122
1.000	0.000	.0000	0.000	0.000
M = 1.501		α = 03.78		
0.208	-0.101	.0546	0.538	-0.135
0.250	-0.118	.0590	0.501	-0.151
0.400	-0.167	.0722	0.433	-0.185
0.550	-0.201	.0810	0.402	-0.189
0.700	-0.222	.0826	0.372	-0.171
0.850	-0.235	.0831	0.354	-0.141
1.000	0.000	.0000	0.000	0.000
M = 1.705		α = 03.73		
0.208	-0.092	.0476	0.518	-0.122
0.250	-0.107	.0511	0.479	-0.137
0.400	-0.151	.0629	0.416	-0.168
0.550	-0.183	.0742	0.406	-0.172
0.700	-0.191	.0729	0.382	-0.147
0.850	-0.223	.0947	0.425	-0.133
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 1.915		α = 04.03		
0.208	-0.082	.0421	0.514	-0.108
0.250	-0.095	.0453	0.475	-0.122
0.400	-0.136	.0572	0.421	-0.151
0.550	-0.165	.0701	0.424	-0.155
0.700	-0.175	.0744	0.424	-0.135
0.850	-0.187	.0822	0.439	-0.112
1.000	0.000	.0000	0.000	0.000
M = 2.230		α = -03.68		
0.208	-0.070	.0296	0.425	-0.092
0.250	-0.080	.0334	0.417	-0.102
0.400	-0.113	.0477	0.423	-0.125
0.550	-0.140	.0634	0.453	-0.131
0.700	-0.162	.0750	0.463	-0.125
0.850	-0.145	.0657	0.453	-0.087
1.000	0.000	.0000	0.000	0.000
M = 2.230		α = 00.30		
0.208	-0.068	.0313	0.460	-0.090
0.250	-0.082	.0374	0.454	-0.105
0.400	-0.122	.0543	0.447	-0.135
0.550	-0.141	.0636	0.450	-0.133
0.700	-0.167	.0780	0.466	-0.129
0.850	-0.147	.0669	0.456	-0.088
1.000	0.000	.0000	0.000	0.000
M = 2.227		α = 04.28		
0.208	-0.062	.0300	0.484	-0.082
0.250	-0.079	.0376	0.474	-0.101
0.400	-0.125	.0570	0.458	-0.138
0.550	-0.143	.0643	0.448	-0.135
0.700	-0.172	.0797	0.464	-0.132
0.850	-0.149	.0674	0.451	-0.089
1.000	0.000	.0000	0.000	0.000
M = 2.234		α = 08.16		
0.208	-0.061	.0307	0.504	-0.080
0.250	-0.077	.0370	0.483	-0.098
0.400	-0.119	.0539	0.451	-0.132
0.550	-0.141	.0619	0.439	-0.132
0.700	-0.175	.0803	0.460	-0.134
0.850	-0.157	.0715	0.455	-0.094
1.000	0.000	.0000	0.000	0.000
M = 2.230		α = 12.29		
0.208	-0.049	.0224	0.457	-0.065
0.250	-0.071	.0319	0.450	-0.090
0.400	-0.124	.0546	0.441	-0.137
0.550	-0.137	.0595	0.434	-0.129
0.700	-0.170	.0773	0.455	-0.131
0.850	-0.154	.0645	0.420	-0.092
1.000	0.000	.0000	0.000	0.000

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 2.231		α = 16.22		
0.208	-0.038	.0116	0.305	-0.050
0.250	-0.048	.0162	0.341	-0.061
0.400	-0.082	.0335	0.407	-0.091
0.550	-0.117	.0519	0.443	-0.110
0.700	-0.153	.0728	0.475	-0.118
0.850	-0.104	.0395	0.380	-0.062
1.000	0.000	.0000	0.000	0.000

TABLE XI.- SECTION COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR x/l OF 0 AND 1.0 WERE OBTAINED BY EXTRAPOLATION

(a) BVW

x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}
M = 0.695 α = -04.15			M = 0.700 α = 07.96			M = 1.301 α = -03.88			M = 1.299 α = 08.11			M = 2.231 α = -03.68			M = 2.232 α = 08.31											
0.0000	-0.034	-0.046	0.0000	0.076	-0.049	0.0000	-0.006	-0.060	0.0000	0.064	-0.051	0.0000	-0.045	-0.074	0.0000	0.054	-0.074										
0.0500	-0.027	-0.030	0.0500	0.054	-0.032	0.0500	-0.025	-0.029	0.0500	0.052	-0.032	0.0500	-0.025	-0.030	0.0500	0.051	-0.032										
0.1000	-0.021	-0.022	0.1000	0.041	-0.023	0.1000	-0.025	-0.018	0.1000	0.043	-0.022	0.1000	-0.016	-0.015	0.1000	0.047	-0.018										
0.1353	-0.018	-0.021	0.1353	0.038	-0.022	0.1353	-0.013	-0.022	0.1353	0.038	-0.021	0.1353	-0.016	-0.022	0.1353	0.042	-0.025										
0.2090	-0.015	-0.015	0.2090	0.032	-0.016	0.2090	-0.014	-0.017	0.2090	0.032	-0.019	0.2090	-0.013	-0.017	0.2090	0.032	-0.019										
0.2500	-0.013	-0.015	0.2500	0.027	-0.015	0.2500	-0.012	-0.016	0.2500	0.030	-0.016	0.2500	-0.012	-0.014	0.2500	0.030	-0.018										
0.3000	-0.013	-0.012	0.3000	0.026	-0.012	0.3000	-0.012	-0.013	0.3000	0.024	-0.014	0.3000	-0.011	-0.012	0.3000	0.026	-0.014										
0.3500	-0.012	-0.010	0.3500	0.026	-0.011	0.3500	-0.005	-0.010	0.3500	0.018	-0.012	0.3500	-0.010	-0.011	0.3500	0.024	-0.013										
0.4000	-0.015	-0.009	0.4000	0.033	-0.010	0.4000	-0.008	-0.010	0.4000	0.022	-0.010	0.4000	-0.008	-0.011	0.4000	0.021	-0.013										
0.4500	-0.038	0.001	0.4500	0.080	-0.010	0.4500	-0.010	0.001	0.4500	0.017	-0.000	0.4500	-0.005	-0.004	0.4500	0.023	-0.011										
0.5000	-0.047	0.001	0.5000	0.097	-0.028	0.5000	-0.024	-0.000	0.5000	0.063	-0.009	0.5000	-0.009	-0.009	0.5000	0.027	-0.014										
0.5950	-0.049	-0.000	0.5950	0.102	-0.018	0.5950	-0.026	0.008	0.5950	0.086	-0.011	0.5950	-0.010	0.003	0.5950	0.043	-0.008										
0.7050	-0.041	-0.002	0.7050	0.075	-0.014	0.7050	-0.039	0.004	0.7050	0.082	-0.008	0.7050	-0.017	0.002	0.7050	0.046	-0.006										
0.8000	-0.029	-0.016	0.8000	0.008	0.044	0.8000	-0.052	-0.004	0.8000	0.079	-0.004	0.8000	-0.021	0.004	0.8000	0.044	-0.003										
0.9000	-0.005	-0.014	0.9000	0.000	0.001	0.9000	-0.037	-0.021	0.9000	0.076	-0.026	0.9000	-0.025	-0.005	0.9000	0.043	-0.009										
0.9500	-0.007	-0.005	0.9500	0.000	0.001	0.9500	-0.014	-0.019	0.9500	0.038	-0.031	0.9500	-0.016	-0.011	0.9500	0.035	-0.009										
0.9900	-0.012	-0.002	0.9900	-0.002	0.001	0.9900	-0.002	0.004	0.9900	-0.011	-0.021	0.9900	-0.010	-0.009	0.9900	0.025	-0.010										
1.0000	-0.013	-0.002	1.0000	-0.003	0.001	1.0000	0.000	0.013	1.0000	-0.026	-0.017	1.0000	-0.008	-0.007	1.0000	0.021	-0.010										
M = 0.700 α = 00.05			M = 0.698 α = 11.96			M = 1.302 α = 00.10			M = 1.302 α = 12.14			M = 2.240 α = 00.40			M = 2.228 α = 12.31											
0.0000	0.004	-0.047	0.0000	0.117	-0.046	0.0000	0.005	-0.049	0.0000	0.088	-0.051	0.0000	-0.012	-0.073	0.0000	0.071	-0.074										
0.0500	0.001	-0.030	0.0500	0.082	-0.033	0.0500	0.003	-0.030	0.0500	0.080	-0.032	0.0500	0.001	-0.031	0.0500	0.078	-0.033										
0.1000	0.001	-0.022	0.1000	0.062	-0.025	0.1000	-0.000	-0.020	0.1000	0.067	-0.023	0.1000	0.004	-0.016	0.1000	0.074	-0.019										
0.1353	0.001	-0.021	0.1353	0.056	-0.023	0.1353	-0.003	-0.019	0.1353	0.056	-0.023	0.1353	0.001	-0.021	0.1353	0.064	-0.025										
0.2090	0.001	-0.015	0.2090	0.048	-0.018	0.2090	-0.000	-0.017	0.2090	0.048	-0.018	0.2090	0.001	-0.017	0.2090	0.056	-0.021										
0.2500	0.001	-0.014	0.2500	0.043	-0.017	0.2500	-0.002	-0.016	0.2500	0.046	-0.017	0.2500	0.001	-0.015	0.2500	0.051	-0.021										
0.3000	-0.000	-0.012	0.3000	0.041	-0.015	0.3000	-0.001	-0.014	0.3000	0.039	-0.017	0.3000	0.001	-0.012	0.3000	0.047	-0.017										
0.3500	0.000	-0.009	0.3500	0.043	-0.013	0.3500	0.004	-0.009	0.3500	0.037	-0.014	0.3500	-0.000	-0.010	0.3500	0.044	-0.017										
0.4000	0.001	-0.009	0.4000	0.055	-0.013	0.4000	0.005	-0.009	0.4000	0.034	-0.014	0.4000	0.000	-0.010	0.4000	0.039	-0.017										
0.4500	0.001	0.000	0.4500	0.133	-0.008	0.4500	0.002	0.000	0.4500	0.053	-0.011	0.4500	0.001	-0.007	0.4500	0.041	-0.015										
0.5000	0.001	-0.002	0.5000	0.178	-0.005	0.5000	0.052	-0.036	0.5000	0.097	-0.027	0.5000	0.004	-0.007	0.5000	0.051	-0.023										
0.5950	0.003	-0.000	0.5950	0.170	-0.012	0.5950	0.001	0.000	0.5950	0.132	-0.006	0.5950	0.004	0.001	0.5950	0.067	-0.023										
0.7050	-0.002	-0.002	0.7050	0.127	-0.013	0.7050	-0.000	0.000	0.7050	0.132	-0.008	0.7050	0.002	0.002	0.7050	0.071	-0.008										
0.8000	-0.008	-0.021	0.8000	0.079	-0.025	0.8000	-0.089	-0.022	0.8000	0.117	-0.013	0.8000	-0.005	0.005	0.8000	0.074	-0.004										
0.9000	-0.002	-0.014	0.9000	0.026	-0.019	0.9000	0.000	-0.021	0.9000	0.117	-0.024	0.9000	-0.004	-0.008	0.9000	0.071	-0.004										
0.9500	-0.003	-0.006	0.9500	0.007	-0.010	0.9500	-0.001	-0.023	0.9500	0.051	-0.021	0.9500	-0.000	-0.010	0.9500	0.052	-0.003										
0.9900	-0.007	-0.003	0.9900	0.004	0.000	0.9900	-0.007	0.003	0.9900	-0.014	-0.022	0.9900	-0.001	-0.010	0.9900	0.035	-0.007										
1.0000	-0.009	-0.002	1.0000	0.005	0.003	1.0000	-0.009	0.014	1.0000	-0.032	-0.022	1.0000	-0.001	-0.010	1.0000	0.030	-0.008										
M = 0.700 α = 04.10			M = 0.698 α = 15.97			M = 1.303 α = 04.08			M = 1.301 α = 16.17			M = 2.231 α = 04.31			M = 2.229 α = 16.42											
0.0000	0.039	-0.048	0.0000	0.128	-0.049	0.0000	0.018	-0.053	0.0000	0.117	-0.055	0.0000	0.021	-0.073	0.0000	0.112	-0.079										
0.0500	0.028	-0.031	0.0500	0.104	-0.032	0.0500	0.021	-0.032	0.0500	0.101	-0.033	0.0500	0.026	-0.032	0.0500	0.113	-0.037										
0.1000	0.022	-0.023	0.1000	0.087	-0.025	0.1000	0.021	-0.021	0.1000	0.088	-0.025	0.1000	0.025	-0.017	0.1000	0.105	-0.023										
0.1353	0.020	-0.021	0.1353	0.079	-0.026	0.1353	0.019	-0.020	0.1353	0.081	-0.026	0.1353	0.021	-0.023	0.1353	0.095	-0.030										
0.2090	0.017	-0.015	0.2090	0.066	-0.021	0.2090	0.017	-0.017	0.2090	0.071	-0.024	0.2090	0.015	-0.018	0.2090	0.086	-0.027										
0.2500	0.014	-0.015	0.2500	0.061	-0.021	0.2500	0.016	-0.016	0.2500	0.064	-0.023	0.2500	0.015	-0.016	0.2500	0.079	-0.026										
0.3000	0.013	-0.012	0.3000	0.059	-0.019	0.3000	0.014	-0.013	0.3000	0.056	-0.021	0.3000	0.012	-0.013	0.3000	0.075	-0.023										
0.3500	0.013	-0.011	0.3500	0.065	-0.018	0.3500	0.008	-0.011	0.3500	0.052	-0.018	0.3500	0.010	-0.011	0.3500	0.073	-0.022										
0.4000	0.016	-0.009	0.4000	0.084	-0.018	0.4000	0.011	-0.009	0.4000	0.049	-0.019	0.4000	0.010	-0.011	0.4000	0.069	-0.022										
0.4500	0.038	-0.005	0.4500	0.194	-0.017	0.4500	0.017	-0.006	0.4500	0.071	-0.018	0.4500	0.009	-0.006	0.4500	0.066	-0.024										
0.5000	0.048	-0.004	0.5000	0.251	-0.024	0.5000	0.029	-0.003	0.5000	0.114	-0.043	0.5000	0.014	-0.012	0.5000	0.080	-0.031										
0.5950	0.048	-0.008	0.5950	0.259	-0.027	0.5950	0.046	0.001	0.5950	0.188	-0.017	0.5950	0.023	-0.003	0.5950	0.093	-0.032										
0.7050	0.034	-0.007	0.7050	0.188	-0.016	0.7050	0.039	-0.001	0.7050	0.191	-0.010	0.7050	0.024	0.000	0.7050	0.099	-0.018										
0.8000	0.017	-0.027	0.8000	0.102	-0.006	0.8000	0.031	-0.004	0.8000	0.158	0.010	0.8000	0.023	-0.001	0.8000	0.106	-0.012										
0.9000	0.007	-0.016	0.9000	0.044	-0.005	0.9000	0.033	-0.031	0.9000	0.163	-0.019	0.9000	0.019	-0.017	0.9000	0.102	-0.005										
0.9500	0.000	-0.005	0.9500	0.019	-0.002	0.9500	0.013	-0.021	0.9500	0.077	-0.012	0.9500	0.017	-0.012	0.9500	0.077	-0.001										
0.9900	-0.003	-0.003	0.9900	0.012	-0.001	0.9900	-0.006	-0.006	0.9900	-0.010	-0.024	0.9900	0.012	-0.012	0.9900	0.053	0.002										
1.0000	-0.003	-0.003	1.0000	0.012	-0.001	1.0000	-0.012	-0.002	1.0000	-0.034	-0.029	1.0000	0.011	-0.013	1.0000	0.046	0.002										

TABLE XI.- SECTION COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Continued
(b) BVWC $\delta = 0.5°$

x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}
M = 0.699 α = -04.15			M = 0.700 α = 07.86			M = 1.302 α = -03.95			M = 1.302 α = 08.06			M = 2.229 α = -03.65			M = 2.232 α = 08.31										
0.0000	0.010	-0.055	0.0000	-0.032	-0.052	0.0000	0.003	-0.057	0.0000	-0.008	-0.056	0.0000	-0.041	-0.061	0.0000	0.045	-0.068										
0.0500	-0.030	-0.029	0.0500	0.058	-0.033	0.0500	-0.025	-0.025	0.0500	0.042	-0.034	0.0500	-0.026	-0.029	0.0500	0.050	-0.030										
0.1000	-0.049	-0.013	0.1000	0.103	-0.023	0.1000	-0.038	-0.015	0.1000	0.073	-0.025	0.1000	-0.021	-0.015	0.1000	0.056	-0.019										
0.1353	-0.048	-0.009	0.1353	0.107	-0.020	0.1353	-0.037	-0.021	0.1353	0.083	-0.026	0.1353	-0.024	-0.016	0.1353	0.060	-0.028										
0.2090	-0.026	-0.012	0.2090	0.049	-0.020	0.2090	-0.040	-0.012	0.2090	0.090	-0.021	0.2090	-0.025	-0.010	0.2090	0.061	-0.017										
0.2500	-0.013	-0.013	0.2500	0.027	-0.016	0.2500	-0.027	-0.015	0.2500	0.062	-0.022	0.2500	-0.019	-0.010	0.2500	0.053	-0.016										
0.3000	-0.012	-0.008	0.3000	0.018	-0.012	0.3000	-0.014	-0.012	0.3000	0.022	-0.013	0.3000	-0.017	-0.010	0.3000	0.039	-0.016										
0.3500	-0.010	-0.009	0.3500	0.018	-0.009	0.3500	-0.002	-0.009	0.3500	0.003	-0.007	0.3500	-0.011	-0.012	0.3500	0.026	-0.010										
0.4000	-0.011	-0.008	0.4000	0.023	-0.010	0.4000	-0.006	-0.008	0.4000	0.009	-0.006	0.4000	-0.009	-0.011	0.4000	0.020	-0.010										
0.4500	-0.026	-0.001	0.4500	0.054	-0.003	0.4500	-0.008	-0.004	0.4500	0.015	-0.005	0.4500	-0.007	-0.008	0.4500	0.020	-0.008										
0.5000	-0.037	0.000	0.5000	0.080	-0.004	0.5000	-0.015	-0.001	0.5000	0.036	-0.004	0.5000	-0.007	-0.007	0.5000	0.023	-0.013										
0.5950	-0.044	0.002	0.5950	0.095	-0.003	0.5950	-0.027	0.002	0.5950	0.067	-0.003	0.5950	-0.010	0.000	0.5950	0.039	-0.009										
0.7050	-0.040	-0.000	0.7050	0.081	-0.003	0.7050	-0.037	0.002	0.7050	0.078	-0.002	0.7050	-0.015	0.002	0.7050	0.042	-0.005										
0.8000	-0.030	-0.018	0.8000	0.059	-0.013	0.8000	-0.053	-0.003	0.8000	0.075	0.001	0.8000	-0.016	0.001	0.8000	0.044	-0.002										
0.9000	-0.004	-0.014	0.9000	0.020	-0.013	0.9000	-0.036	-0.023	0.9000	0.080	-0.015	0.9000	-0.022	-0.009	0.9000	0.043	-0.005										
0.9500	-0.008	-0.005	0.9500	0.001	-0.007	0.9500	-0.015	-0.020	0.9500	0.032	-0.019	0.9500	-0.015	-0.012	0.9500	0.032	-0.005										
0.9900	-0.010	-0.005	0.9900	-0.001	-0.006	0.9900	0.002	0.003	0.9900	-0.024	-0.016	0.9900	-0.008	-0.010	0.9900	0.020	-0.009										
1.0000	-0.010	-0.006	1.0000	0.001	-0.007	1.0000	0.006	0.012	1.0000	-0.040	-0.014	1.0000	-0.006	-0.009	1.0000	0.017	-0.011										
M = 0.700 α = -00.05			M = 0.698 α = 11.96			M = 1.300 α = 00.15			M = 1.301 α = 12.06			M = 2.229 α = 00.40			M = 2.233 α = 12.36										
0.0000	-0.004	-0.054	0.0000	-0.068	-0.063	0.0000	0.004	-0.051	0.0000	0.016	-0.043	0.0000	-0.016	-0.086	0.0000	0.061	-0.062										
0.0500	-0.003	-0.028	0.0500	0.100	-0.039	0.0500	0.003	-0.029	0.0500	0.076	-0.036	0.0500	-0.003	-0.029	0.0500	0.074	-0.036										
0.1000	-0.003	-0.019	0.1000	0.172	-0.026	0.1000	0.000	-0.017	0.1000	0.119	-0.028	0.1000	0.000	-0.011	0.1000	0.085	-0.028										
0.1353	-0.003	-0.021	0.1353	0.167	-0.023	0.1353	-0.003	-0.016	0.1353	0.138	-0.022	0.1353	-0.004	-0.022	0.1353	0.092	-0.033										
0.2090	-0.003	-0.019	0.2090	0.087	-0.018	0.2090	-0.001	-0.014	0.2090	0.137	-0.018	0.2090	-0.001	-0.016	0.2090	0.091	-0.017										
0.2500	-0.000	-0.013	0.2500	0.038	-0.021	0.2500	-0.001	-0.018	0.2500	0.096	-0.018	0.2500	0.001	-0.014	0.2500	0.081	-0.017										
0.3000	-0.002	-0.010	0.3000	0.029	-0.013	0.3000	0.000	-0.017	0.3000	0.031	-0.008	0.3000	0.002	-0.010	0.3000	0.057	-0.016										
0.3500	-0.002	-0.008	0.3500	0.029	-0.009	0.3500	0.003	-0.006	0.3500	0.015	-0.013	0.3500	-0.002	-0.012	0.3500	0.043	-0.010										
0.4000	-0.002	-0.009	0.4000	0.042	-0.008	0.4000	0.001	-0.010	0.4000	0.018	-0.010	0.4000	-0.001	-0.011	0.4000	0.036	-0.008										
0.4500	-0.001	-0.002	0.4500	0.097	-0.004	0.4500	-0.000	-0.004	0.4500	0.029	-0.007	0.4500	0.000	-0.008	0.4500	0.034	-0.007										
0.5000	-0.001	-0.001	0.5000	0.139	-0.007	0.5000	-0.000	-0.001	0.5000	0.064	-0.010	0.5000	0.002	-0.006	0.5000	0.039	-0.013										
0.5950	-0.001	-0.000	0.5950	0.162	-0.007	0.5950	0.001	0.000	0.5950	0.115	-0.010	0.5950	0.004	0.001	0.5 50	0.062	-0.021										
0.7050	-0.004	-0.002	0.7050	0.134	-0.007	0.7050	-0.002	0.000	0.7050	0.124	-0.006	0.7050	0.001	0.001	0.7050	0.067	-0.011										
0.8000	-0.006	-0.020	0.8000	0.096	-0.007	0.8000	-0.014	-0.003	0.8000	0.123	-0.004	0.8000	0.002	0.001	0.8000	0.071	-0.006										
0.9000	0.001	-0.015	0.9000	0.028	-0.015	0.9000	-0.000	-0.023	0.9000	0.125	-0.004	0.9000	-0.004	-0.008	0.9000	0.068	-0.004										
0.9500	-0.006	-0.006	0.9500	0.004	-0.008	0.9500	-0.001	-0.019	0.9500	0.045	-0.005	0.9500	-0.001	-0.011	0.9500	0.051	-0.001										
0.9900	-0.008	-0.006	0.9900	0.003	-0.006	0.9900	-0.005	0.002	0.9900	-0.020	-0.004	0.9900	-0.000	-0.010	0.9900	0.034	-0.003										
1.0000	-0.008	-0.007	1.0000	0.005	-0.006	1.0000	-0.006	0.011	1.0000	-0.037	-0.003	1.0000	-0.000	-0.009	1.0000	0.029	-0.004										
M = 0.695 α = 03.96			M = 0.699 α = 15.97			M = 1.303 α = 04.06			M = 1.304 α = 16.12			M = 2.229 α = 04.26			M = 2.232 α = 16.37										
0.0000	-0.016	-0.073	0.0000	-0.169	-0.041	0.0000	-0.033	-0.045	0.0000	-0.045	-0.036	0.0000	0.009	-0.064	0.0000	0.051	-0.066										
0.0500	0.023	-0.032	0.0500	0.127	-0.034	0.0500	0.016	-0.031	0.0500	0.093	-0.035	0.0500	0.022	-0.033	0.0500	0.098	-0.039										
0.1000	0.047	-0.016	0.1000	0.259	-0.030	0.1000	0.038	-0.024	0.1000	0.172	-0.030	0.1000	0.029	-0.020	0.1000	0.120	-0.030										
0.1353	0.055	-0.021	0.1353	0.254	-0.030	0.1353	0.039	-0.022	0.1353	0.193	-0.025	0.1353	0.030	-0.022	0.1353	0.121	-0.036										
0.2090	0.030	-0.020	0.2090	0.134	-0.017	0.2090	0.042	-0.024	0.2090	0.187	-0.011	0.2090	0.028	-0.017	0.2090	0.132	-0.019										
0.2500	0.013	-0.014	0.2500	0.051	-0.015	0.2500	0.032	-0.021	0.2500	0.118	-0.010	0.2500	0.025	-0.013	0.2500	0.109	-0.022										
0.3000	0.006	-0.011	0.3000	0.047	-0.008	0.3000	0.011	-0.013	0.3000	0.050	-0.002	0.3000	0.018	-0.014	0.3000	0.085	-0.012										
0.3500	0.007	-0.010	0.3500	0.052	-0.004	0.3500	0.001	-0.009	0.3500	0.029	-0.011	0.3500	0.011	-0.014	0.3500	0.068	-0.006										
0.4000	0.009	-0.010	0.4000	0.064	-0.007	0.4000	0.003	-0.008	0.4000	0.024	-0.010	0.4000	0.007	-0.010	0.4000	0.060	-0.005										
0.4500	0.022	-0.002	0.4500	0.144	-0.004	0.4500	0.004	-0.005	0.4500	0.044	-0.008	0.4500	0.009	-0.008	0.4500	0.055	-0.006										
0.5000	0.033	-0.002	0.5000	0.207	-0.012	0.5000	0.012	-0.003	0.5000	0.087	-0.020	0.5000	0.011	-0.008	0.5000	0.065	-0.018										
0.5950	0.040	-0.001	0.5950	0.236	-0.012	0.5950	0.029	-0.001	0.5950	0.164	-0.012	0.5950	0.019	-0.002	0.5950	0.086	-0.023										
0.7050	0.031	-0.003	0.7050	0.200	-0.006	0.7050	0.031	0.000	0.7050	0.175	-0.011	0.7050	0.019	-0.001	0.7050	0.094	-0.015										
0.8000	0.020	-0.019	0.8000	0.143	0.006	0.8000	0.026	-0.001	0.8000	0.169	-0.005	0.8000	0.021	0.000	0.8000	0.101	-0.009										
0.9000	0.010	-0.014	0.9000	0.048	-0.011	0.9000	0.008	-0.022	0.9000	0.175	0.010	0.9000	0.018	-0.006	0.9000	0.098	-0.005										
0.9500	-0.001	-0.006	0.9500	0.015	-0.006	0.9500	0.012	-0.021	0.9500	0.078	0.024	0.9500	0.015	-0.009	0.9500	0.073	-0.001										
0.9900	-0.003	-0.005	0.9900	0.011	-0.005	0.9900	-0.008	-0.004	0.9900	-0.000	0.010	0.9900	0.009	-0.011	0.9900	0.048	-0.006										
1.0000	-0.003	-0.005	1.0000	0.014	-0.005	1.0000	-0.013	0.002	1.0000	-0.020	0.003	1.0000	0.007	-0.011	1.0000	0.041	-0.008										

A 4 1 1 7

TABLE XI.- SECTION COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Continued
(c) BVWC $\delta = 9.9°$

x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}
M = 0.698 α = -04.10			M = 0.699 α = 07.91			M = 1.298 α = -03.81			M = 1.301 α = 08.01			M = 2.232 α = -03.70			M = 2.232 α = 08.31											
0.0000	-0.037	-0.036	0.0000	-0.126	-0.161	0.0000	-0.012	-0.037	0.0000	0.126	-0.002	0.0000	-0.020	-0.054	0.0000	0.166	-0.079										
0.0500	-0.023	-0.028	0.0500	0.066	-0.032	0.0500	-0.024	-0.029	0.0500	0.053	-0.031	0.0500	-0.023	-0.030	0.0500	0.051	-0.032										
0.1000	-0.012	-0.022	0.1000	0.161	0.005	0.1000	-0.016	-0.023	0.1000	0.075	-0.030	0.1000	-0.017	-0.021	0.1000	0.035	-0.022										
0.1353	-0.006	-0.018	0.1353	0.170	-0.024	0.1353	-0.000	-0.021	0.1353	0.148	-0.012	0.1353	-0.006	-0.024	0.1353	0.083	-0.037										
0.2090	-0.017	-0.025	0.2090	0.060	-0.029	0.2090	-0.003	-0.019	0.2090	0.122	-0.021	0.2090	-0.006	-0.018	0.2090	0.082	-0.016										
0.2500	-0.007	-0.021	0.2500	0.023	-0.019	0.2500	-0.009	-0.030	0.2500	0.072	-0.023	0.2500	-0.009	-0.016	0.2500	0.065	-0.012										
0.3000	-0.013	-0.014	0.3000	0.006	-0.011	0.3000	-0.002	-0.021	0.3000	0.009	-0.012	0.3000	-0.006	-0.015	0.3000	0.044	-0.018										
0.3500	-0.013	-0.011	0.3500	0.012	-0.005	0.3500	-0.006	-0.010	0.3500	-0.011	-0.008	0.3500	-0.006	-0.014	0.3500	0.024	-0.008										
0.4000	-0.016	-0.009	0.4000	0.023	0.003	0.4000	-0.013	-0.009	0.4000	-0.002	-0.001	0.4000	-0.008	-0.012	0.4000	0.018	-0.004										
0.4500	-0.041	0.001	0.4500	0.040	0.007	0.4500	-0.016	-0.003	0.4500	0.018	-0.004	0.4500	-0.007	-0.007	0.4500	0.015	-0.008										
0.5000	-0.047	-0.004	0.5000	0.065	-0.004	0.5000	-0.031	-0.000	0.5000	0.026	-0.002	0.5000	-0.011	-0.007	0.5000	0.018	-0.012										
0.5950	-0.048	0.008	0.5950	0.088	0.007	0.5950	-0.039	0.000	0.5950	0.056	0.001	0.5950	-0.015	-0.001	0.5950	0.034	-0.006										
0.7050	-0.043	0.005	0.7050	0.069	-0.004	0.7050	-0.043	-0.001	0.7050	0.073	0.003	0.7050	-0.020	0.001	0.7050	0.038	-0.004										
0.8000	-0.024	-0.015	0.8000	0.046	-0.017	0.8000	-0.055	-0.006	0.8000	0.074	0.002	0.8000	-0.019	0.001	0.8000	0.046	0.001										
0.9000	-0.006	-0.013	0.9000	0.005	-0.015	0.9000	-0.037	-0.020	0.9000	0.082	-0.013	0.9000	-0.025	-0.008	0.9000	0.044	-0.003										
0.9500	-0.009	-0.006	0.9500	-0.001	-0.009	0.9500	-0.014	-0.019	0.9500	0.028	-0.011	0.9500	-0.018	-0.012	0.9500	0.031	-0.005										
0.9900	-0.012	-0.004	0.9900	-0.003	-0.003	0.9900	-0.006	0.004	0.9900	-0.018	0.000	0.9900	-0.012	-0.010	0.9900	0.018	-0.010										
1.0000	-0.014	-0.004	1.0000	-0.004	-0.001	1.0000	-0.005	0.013	1.0000	-0.029	0.004	1.0000	-0.010	-0.009	1.0000	0.015	-0.012										
M = 0.702 α = -00.05			M = 0.700 α = 11.91			M = 1.303 α = 00.10			M = 1.301 α = 12.06			M = 2.236 α = 00.40			M = 2.226 α = 12.31											
0.0000	-0.021	-0.036	0.0000	-0.183	-0.190	0.0000	0.022	-0.014	0.0000	0.203	-0.040	0.0000	0.039	-0.040	0.0000	0.217	-0.134										
0.0500	0.006	-0.030	0.0500	0.095	-0.033	0.0500	0.004	-0.030	0.0500	0.080	-0.032	0.0500	0.001	-0.031	0.0500	0.078	-0.033										
0.1000	0.034	-0.024	0.1000	0.231	0.013	0.1000	0.015	-0.030	0.1000	0.101	-0.026	0.1000	0.001	-0.025	0.1000	0.056	-0.015										
0.1353	0.054	-0.021	0.1353	0.242	-0.022	0.1353	0.040	-0.021	0.1353	0.202	-0.022	0.1353	0.022	-0.023	0.1353	0.111	-0.051										
0.2090	0.007	-0.026	0.2090	0.092	-0.021	0.2090	0.034	-0.018	0.2090	0.165	-0.025	0.2090	0.021	-0.016	0.2090	0.117	-0.023										
0.2500	0.005	-0.023	0.2500	0.036	0.010	0.2500	0.012	-0.023	0.2500	0.102	-0.014	0.2500	0.013	-0.017	0.2500	0.092	-0.010										
0.3000	-0.005	-0.014	0.3000	0.024	-0.006	0.3000	0.003	-0.018	0.3000	0.014	0.006	0.3000	0.013	-0.013	0.3000	0.061	-0.012										
0.3500	-0.007	-0.012	0.3500	0.031	-0.000	0.3500	-0.008	-0.009	0.3500	0.005	-0.015	0.3500	0.007	-0.011	0.3500	0.039	-0.001										
0.4000	-0.008	-0.010	0.4000	0.043	0.002	0.4000	-0.006	-0.009	0.4000	0.013	-0.000	0.4000	-0.001	-0.011	0.4000	0.028	-0.002										
0.4500	-0.020	0.003	0.4500	0.086	0.004	0.4500	-0.010	-0.001	0.4500	0.037	-0.002	0.4500	-0.002	-0.007	0.4500	0.029	-0.009										
0.5000	-0.022	-0.005	0.5000	0.127	0.005	0.5000	-0.022	-0.001	0.5000	0.070	-0.006	0.5000	-0.004	-0.005	0.5000	0.033	-0.013										
0.5950	-0.007	-0.002	0.5950	0.159	0.005	0.5950	-0.015	-0.002	0.5950	0.111	-0.003	0.5950	-0.004	-0.002	0.5950	0.059	-0.020										
0.7050	-0.005	-0.004	0.7050	0.132	-0.003	0.7050	-0.010	-0.003	0.7050	0.124	-0.001	0.7050	-0.006	0.000	0.7050	0.064	-0.011										
0.8000	-0.008	-0.021	0.8000	0.104	-0.010	0.8000	-0.019	-0.003	0.8000	0.127	0.002	0.8000	-0.002	0.001	0.8000	0.068	-0.006										
0.9000	-0.001	-0.018	0.9000	0.038	-0.013	0.9000	-0.003	-0.021	0.9000	0.119	-0.003	0.9000	-0.008	-0.006	0.9000	0.068	-0.003										
0.9500	-0.005	-0.005	0.9500	0.015	-0.003	0.9500	-0.003	-0.020	0.9500	0.044	-0.003	0.9500	-0.004	-0.010	0.9500	0.049	-0.000										
0.9900	-0.009	-0.003	0.9900	0.008	0.003	0.9900	-0.010	0.005	0.9900	-0.024	-0.014	0.9900	-0.002	-0.009	0.9900	0.031	-0.004										
1.0000	-0.011	-0.003	1.0000	0.008	0.005	1.0000	-0.013	0.014	1.0000	-0.042	-0.018	1.0000	-0.002	-0.009	1.0000	0.026	-0.005										
M = 0.695 α = 04.00			M = 0.696 α = 15.87			M = 1.304 α = 03.96			M = 1.300 α = 16.02			M = 2.232 α = 04.31			M = 2.233 α = 16.32											
0.0000	-0.045	-0.077	0.0000	-0.278	-0.061	0.0000	0.068	0.019	0.0000	0.211	-0.094	0.0000	0.110	-0.046	0.0000	0.292	-0.099										
0.0500	0.037	-0.032	0.0500	0.117	-0.034	0.0500	0.022	-0.031	0.0500	0.101	-0.032	0.0500	0.027	-0.032	0.0500	0.113	-0.036										
0.1000	0.087	-0.016	0.1000	0.305	-0.037	0.1000	0.040	-0.035	0.1000	0.141	-0.014	0.1000	0.017	-0.023	0.1000	0.079	-0.019										
0.1353	0.104	-0.023	0.1353	0.315	-0.056	0.1353	0.091	-0.011	0.1353	0.260	-0.028	0.1353	0.055	-0.022	0.1353	0.143	-0.034										
0.2090	0.035	-0.028	0.2090	0.143	-0.033	0.2090	0.073	-0.020	0.2090	0.200	-0.031	0.2090	0.049	-0.014	0.2090	0.157	-0.030										
0.2500	0.015	-0.015	0.2500	0.061	0.050	0.2500	0.043	-0.013	0.2500	0.130	-0.001	0.2500	0.040	-0.018	0.2500	0.119	-0.002										
0.3000	0.001	-0.012	0.3000	0.032	0.019	0.3000	0.013	-0.012	0.3000	0.029	0.018	0.3000	0.031	-0.016	0.3000	0.075	0.002										
0.3500	0.000	-0.013	0.3500	0.044	0.008	0.3500	-0.013	-0.013	0.3500	0.025	-0.014	0.3500	0.014	-0.014	0.3500	0.056	-0.000										
0.4000	0.003	-0.011	0.4000	0.073	0.018	0.4000	-0.003	-0.012	0.4000	0.032	0.002	0.4000	0.006	-0.010	0.4000	0.046	-0.002										
0.4500	-0.011	-0.001	0.4500	0.155	0.013	0.4500	-0.006	-0.004	0.4500	0.052	0.008	0.4500	0.006	-0.008	0.4500	0.044	-0.006										
0.5000	-0.002	0.004	0.5000	0.203	0.001	0.5000	-0.022	0.006	0.5000	0.091	-0.006	0.5000	0.004	-0.006	0.5000	0.056	-0.016										
0.5950	0.029	-0.004	0.5950	0.233	0.007	0.5950	0.011	-0.003	0.5950	0.160	-0.012	0.5950	0.010	-0.001	0.5950	0.079	-0.027										
0.7050	0.027	-0.004	0.7050	0.200	0.003	0.7050	0.017	0.000	0.7050	0.176	-0.007	0.7050	0.013	-0.003	0.7050	0.090	-0.017										
0.8000	0.016	-0.023	0.8000	0.144	-0.001	0.8000	0.024	0.000	0.8000	0.172	-0.001	0.8000	0.018	0.001	0.8000	0.099	-0.011										
0.9000	0.007	-0.014	0.9000	0.045	-0.017	0.9000	0.038	-0.022	0.9000	0.182	0.023	0.9000	0.016	-0.005	0.9000	0.097	-0.003										
0.9500	-0.002	-0.007	0.9500	0.020	-0.007	0.9500	0.011	-0.021	0.9500	0.052	0.010	0.9500	0.014	-0.008	0.9500	0.073	0.004										
0.9900	-0.005	-0.004	0.9900	0.011	-0.000	0.9900	-0.010	-0.002	0.9900	-0.015	-0.002	0.9900	0.009	-0.009	0.9900	0.047	0.002										
1.0000	-0.006	-0.003	1.0000	0.011	0.001	1.0000	-0.015	0.006	1.0000	-0.026	-0.005	1.0000	0.007	-0.010	1.0000	0.040	0.000										

TABLE XI.- SECTION COEFFICIENTS FOR THE BODY WITH THE MODEL AT 5.3° SIDESLIP - Concluded
(d) B

x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}	x/l	C_{N_B}	C_{Y_B}
M = 0.699 α = -04.10			M = 0.698 α = 07.91			M = 1.301 α = -04.00			M = 1.304 α = 08.06			M = 2.233 α = -03.65			M = 2.232 α = 08.31									
0.0000	-0.036	-0.046	0.0000	0.065	-0.048	0.0000	-0.009	-0.061	0.0000	0.050	-0.052	0.0000	-0.035	-0.073	0.0000	0.021	-0.064						
0.0500	-0.027	-0.029	0.0500	0.047	-0.033	0.0500	-0.026	-0.029	0.0500	0.054	-0.031	0.0500	-0.025	-0.029	0.0500	0.037	-0.030						
0.1000	-0.021	-0.022	0.1000	0.037	-0.024	0.1000	-0.025	-0.018	0.1000	0.047	-0.022	0.1000	-0.019	-0.013	0.1000	0.040	-0.020						
0.1353	-0.018	-0.022	0.1353	0.034	-0.022	0.1353	-0.013	-0.023	0.1353	0.035	-0.022	0.1353	-0.017	-0.019	0.1353	0.035	-0.026						
0.2090	-0.013	-0.016	0.2090	0.027	-0.019	0.2090	-0.014	-0.018	0.2090	0.034	-0.019	0.2090	-0.013	-0.016	0.2090	0.032	-0.020						
0.2500	-0.012	-0.015	0.2500	0.023	-0.015	0.2500	-0.011	-0.017	0.2500	0.028	-0.016	0.2500	-0.012	-0.013	0.2500	0.017	-0.019						
0.3000	-0.011	-0.012	0.3000	0.019	-0.012	0.3000	-0.010	-0.013	0.3000	0.026	-0.014	0.3000	-0.012	-0.010	0.3000	0.020	-0.016						
0.3500	-0.009	-0.010	0.3500	0.017	-0.010	0.3500	-0.005	-0.010	0.3500	0.018	-0.011	0.3500	-0.011	-0.008	0.3500	0.020	-0.013						
0.4000	-0.007	-0.009	0.4000	0.016	-0.011	0.4000	-0.012	-0.009	0.4000	0.022	-0.010	0.4000	-0.009	-0.009	0.4000	0.017	-0.013						
0.4500	-0.008	-0.005	0.4500	0.012	-0.005	0.4500	-0.009	-0.005	0.4500	0.013	-0.007	0.4500	-0.003	-0.009	0.4500	0.019	-0.011						
0.5000	-0.003	-0.004	0.5000	0.010	-0.006	0.5000	-0.004	-0.004	0.5000	0.010	-0.006	0.5000	-0.001	-0.008	0.5000	0.018	-0.009						
0.5950	-0.002	-0.000	0.5950	0.006	-0.001	0.5950	-0.000	0.000	0.5950	0.007	-0.003	0.5950	0.002	-0.004	0.5950	0.015	-0.007						
0.7050	0.000	0.002	0.7050	-0.001	0.001	0.7050	-0.004	-0.001	0.7050	-0.001	-0.001	0.7050	-0.002	-0.001	0.7050	0.007	-0.004						
0.8000	0.001	0.005	0.8000	-0.008	0.003	0.8000	0.006	0.002	0.8000	-0.003	0.002	0.8000	0.005	0.000	0.8000	0.006	-0.002						
0.9000	0.006	0.007	0.9000	-0.008	0.005	0.9000	0.007	0.004	0.9000	-0.009	0.004	0.9000	-0.000	0.003	0.9000	0.001	-0.001						
0.9500	0.004	0.007	0.9500	-0.010	0.004	0.9500	0.004	0.007	0.9500	-0.004	0.008	0.9500	0.002	0.003	0.9500	-0.003	-0.001						
0.9900	-0.002	-0.002	0.9900	-0.003	-0.002	0.9900	0.012	0.016	0.9900	-0.026	0.009	0.9900	0.001	0.005	0.9900	-0.008	0.001						
1.0000	-0.004	-0.005	1.0000	-0.001	-0.004	1.0000	0.015	0.020	1.0000	-0.036	0.009	1.0000	0.001	0.005	1.0000	-0.009	0.001						
M = 0.697 α = 00.10			M = 0.702 α = 11.96			M = 1.301 α = 00.10			M = 1.305 α = 12.06			M = 2.232 α = 00.35			M = 2.229 α = 12.41									
0.0000	0.003	-0.027	0.0000	0.091	-0.051	0.0000	0.009	-0.050	0.0000	0.081	-0.048	0.0000	-0.002	-0.072	0.0000	0.029	-0.095						
0.0500	-0.003	-0.026	0.0500	0.079	-0.035	0.0500	0.004	-0.030	0.0500	0.079	-0.032	0.0500	-0.004	-0.029	0.0500	0.065	-0.039						
0.1000	-0.003	-0.023	0.1000	0.056	-0.027	0.1000	-0.001	-0.020	0.1000	0.068	-0.023	0.1000	-0.004	-0.014	0.1000	0.069	-0.021						
0.1353	-0.000	-0.020	0.1353	0.034	-0.026	0.1353	-0.003	-0.018	0.1353	0.054	-0.022	0.1353	-0.004	-0.020	0.1353	0.052	-0.031						
0.2090	0.002	-0.016	0.2090	0.039	-0.024	0.2090	0.001	-0.017	0.2090	0.048	-0.021	0.2090	0.000	-0.018	0.2090	0.037	-0.032						
0.2500	-0.001	-0.014	0.2500	0.029	-0.016	0.2500	-0.003	-0.016	0.2500	0.045	-0.017	0.2500	-0.004	-0.015	0.2500	0.043	-0.026						
0.3000	-0.001	-0.011	0.3000	0.036	-0.015	0.3000	-0.001	-0.014	0.3000	0.039	-0.017	0.3000	-0.001	-0.011	0.3000	0.042	-0.027						
0.3500	-0.000	-0.008	0.3500	0.031	-0.014	0.3500	0.004	-0.010	0.3500	0.036	-0.014	0.3500	-0.003	-0.007	0.3500	0.039	-0.025						
0.4000	0.000	-0.009	0.4000	0.026	-0.015	0.4000	0.001	-0.009	0.4000	0.033	-0.013	0.4000	-0.001	-0.011	0.4000	0.033	-0.017						
0.4500	-0.000	-0.004	0.4500	0.023	-0.009	0.4500	-0.000	-0.006	0.4500	0.027	-0.013	0.4500	0.001	-0.008	0.4500	0.038	-0.016						
0.5000	0.001	-0.004	0.5000	0.021	-0.009	0.5000	0.001	-0.005	0.5000	0.028	-0.009	0.5000	0.002	-0.007	0.5000	0.035	-0.015						
0.5950	0.001	0.000	0.5950	0.016	-0.006	0.5950	0.001	-0.001	0.5950	0.020	-0.008	0.5950	0.004	-0.002	0.5950	0.035	-0.012						
0.7050	-0.000	0.003	0.7050	0.008	-0.005	0.7050	-0.002	0.001	0.7050	0.014	-0.007	0.7050	-0.000	-0.000	0.7050	0.025	-0.009						
0.8000	-0.002	0.006	0.8000	0.001	-0.001	0.8000	0.002	0.005	0.8000	0.007	-0.003	0.8000	0.002	0.002	0.8000	0.024	-0.009						
0.9000	-0.001	0.006	0.9000	-0.002	0.004	0.9000	-0.000	0.004	0.9000	-0.003	0.002	0.9000	-0.001	0.002	0.9000	0.013	-0.006						
0.9500	-0.002	0.008	0.9500	-0.006	0.002	0.9500	0.000	0.010	0.9500	-0.006	0.000	0.9500	0.000	0.004	0.9500	0.006	-0.006						
0.9900	-0.001	-0.001	0.9900	-0.004	-0.001	0.9900	0.003	0.028	0.9900	-0.027	0.002	0.9900	0.000	0.005	0.9900	-0.005	-0.005						
1.0000	-0.001	-0.005	1.0000	-0.003	-0.002	1.0000	0.005	0.034	1.0000	-0.035	0.004	1.0000	0.000	0.005	1.0000	-0.009	-0.004						
M = 0.697 α = 03.86			M = 0.696 α = 16.02			M = 1.302 α = 04.11			M = 1.304 α = 16.07			M = 2.229 α = 04.36			M = 2.233 α = 16.42									
0.0000	0.025	-0.048	0.0000	0.125	-0.044	0.0000	0.013	-0.049	0.0000	0.112	-0.055	0.0000	0.017	-0.065	0.0000	0.034	-0.098						
0.0500	0.021	-0.032	0.0500	0.102	-0.033	0.0500	0.020	-0.031	0.0500	0.099	-0.034	0.0500	0.020	-0.031	0.0500	0.087	-0.041						
0.1000	0.016	-0.023	0.1000	0.082	-0.027	0.1000	0.021	-0.021	0.1000	0.086	-0.024	0.1000	0.020	-0.019	0.1000	0.092	-0.028						
0.1353	0.014	-0.021	0.1353	0.069	-0.027	0.1353	0.018	-0.020	0.1353	0.077	-0.025	0.1353	0.017	-0.023	0.1353	0.068	-0.044						
0.2090	0.012	-0.016	0.2090	0.051	-0.025	0.2090	0.017	-0.018	0.2090	0.069	-0.022	0.2090	0.013	-0.018	0.2090	0.072	-0.032						
0.2500	0.011	-0.015	0.2500	0.036	-0.031	0.2500	0.014	-0.016	0.2500	0.058	-0.025	0.2500	0.010	-0.015	0.2500	0.070	-0.032						
0.3000	0.009	-0.012	0.3000	0.039	-0.019	0.3000	0.014	-0.013	0.3000	0.054	-0.020	0.3000	0.008	-0.012	0.3000	0.067	-0.024						
0.3500	0.009	-0.011	0.3500	0.052	-0.015	0.3500	0.010	-0.010	0.3500	0.053	-0.018	0.3500	0.008	-0.012	0.3500	0.065	-0.025						
0.4000	0.008	-0.010	0.4000	0.048	-0.017	0.4000	0.010	-0.009	0.4000	0.045	-0.018	0.4000	0.008	-0.011	0.4000	0.063	-0.023						
0.4500	0.005	-0.005	0.4500	0.041	-0.013	0.4500	0.004	-0.006	0.4500	0.044	-0.016	0.4500	0.008	-0.009	0.4500	0.062	-0.021						
0.5000	0.005	-0.005	0.5000	0.039	-0.015	0.5000	0.003	-0.006	0.5000	0.044	-0.017	0.5000	0.009	-0.007	0.5000	0.060	-0.020						
0.5950	0.002	-0.000	0.5950	0.031	-0.009	0.5950	0.004	-0.001	0.5950	0.037	-0.015	0.5950	0.008	-0.003	0.5950	0.054	-0.017						
0.7050	-0.000	0.003	0.7050	0.018	-0.009	0.7050	-0.003	0.003	0.7050	0.025	-0.014	0.7050	0.002	-0.001	0.7050	0.040	-0.014						
0.8000	-0.006	0.005	0.8000	0.008	-0.004	0.8000	0.001	0.005	0.8000	0.021	-0.010	0.8000	0.002	0.001	0.8000	0.035	-0.013						
0.9000	-0.007	0.005	0.9000	0.004	-0.001	0.9000	-0.005	0.003	0.9000	0.002	-0.005	0.9000	-0.002	0.000	0.9000	0.025	-0.010						
0.9500	-0.006	0.006	0.9500	-0.002	-0.003	0.9500	-0.008	0.009	0.9500	-0.007	-0.006	0.9500	-0.003	0.002	0.9500	0.020	-0.010						
0.9900	-0.000	-0.002	0.9900	-0.006	-0.005	0.9900	-0.011	0.019	0.9900	-0.030	-0.002	0.9900	-0.005	0.003	0.9900	0.007	-0.008						
1.0000	0.002	-0.006	1.0000	-0.007	-0.006	1.0000	-0.012	0.022	1.0000	-0.038	-0.000	1.0000	-0.005	0.003	1.0000	0.002	-0.007						

TABLE XII.- SECTION COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR 2y/b OF 0.175 AND 1.0 WERE OBTAINED BY EXTRAPOLATION

(a) BVW

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{av}} c_{N_w}$	2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{av}} c_{N_w}$	2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{av}} c_{N_w}$	2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{av}} c_{N_w}$	2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{av}} c_{N_w}$
M = 0.695			α = -04.15		M = 1.301			α = -03.88		M = 2.231			α = -03.68											
0.175	-0.193	.0804	0.416	-0.319	0.175	-0.154	.0755	0.489	-0.255	0.175	-0.091	.0427	0.470	-0.150										
0.200	-0.190	.0760	0.399	-0.304	0.200	-0.162	.0789	0.487	-0.259	0.200	-0.088	.0387	0.440	-0.140										
0.250	-0.193	.0712	0.369	-0.289	0.250	-0.176	.0849	0.481	-0.264	0.250	-0.084	.0345	0.409	-0.126										
0.300	-0.207	.0713	0.345	-0.289	0.300	-0.190	.0898	0.473	-0.265	0.300	-0.083	.0350	0.420	-0.116										
0.400	-0.235	.0760	0.323	-0.282	0.400	-0.212	.0924	0.436	-0.254	0.400	-0.101	.0411	0.407	-0.121										
0.600	-0.311	.0838	0.270	-0.248	0.600	-0.270	.1018	0.377	-0.215	0.600	-0.137	.0616	0.451	-0.109										
0.800	-0.531	.1863	0.351	-0.212	0.800	-0.403	.1453	0.361	-0.161	0.800	-0.144	.0644	0.446	-0.057										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.700			α = 00.05		M = 1.302			α = 00.10		M = 2.240			α = 00.40											
0.175	-0.011	.0125	1.176	-0.017	0.175	-0.018	.0158	0.892	-0.029	0.175	-0.011	.0099	0.892	-0.018										
0.200	-0.009	.0097	1.105	-0.014	0.200	-0.013	.0131	1.012	-0.020	0.200	-0.000	.0028	5.932	-0.000										
0.250	-0.008	.0076	0.962	-0.011	0.250	-0.009	.0113	1.290	-0.013	0.250	0.014	-.0055	0.392	0.021										
0.300	-0.010	.0097	0.934	-0.014	0.300	-0.012	.0143	1.232	-0.016	0.300	0.020	-.0061	0.305	0.027										
0.400	-0.011	.0102	0.924	-0.013	0.400	0.002	.0007	-0.394	0.002	0.400	0.014	-.0050	0.351	0.017										
0.600	-0.011	.0071	0.677	-0.008	0.600	0.001	.0016	-2.187	0.000	0.600	0.018	-.0067	0.383	0.014										
0.800	-0.007	.0019	0.251	-0.002	0.800	0.006	-.0017	0.297	0.002	0.800	0.026	-.0123	0.477	0.010										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.700			α = 04.10		M = 1.303			α = 04.08		M = 2.231			α = 04.31											
0.175	0.148	-.0514	0.346	0.245	0.175	0.133	-.0535	0.404	0.219	0.175	0.092	-.0327	0.354	0.152										
0.200	0.156	-.0491	0.314	0.250	0.200	0.144	-.0572	0.398	0.229	0.200	0.103	-.0392	0.380	0.164										
0.250	0.169	-.0471	0.279	0.253	0.250	0.161	-.0631	0.392	0.241	0.250	0.120	-.0479	0.400	0.179										
0.300	0.176	-.0487	0.276	0.246	0.300	0.173	-.0670	0.388	0.241	0.300	0.131	-.0511	0.391	0.183										
0.400	0.202	-.0529	0.261	0.242	0.400	0.203	-.0807	0.397	0.243	0.400	0.141	-.0569	0.404	0.169										
0.600	0.265	-.0638	0.240	0.212	0.600	0.274	-.0981	0.358	0.219	0.600	0.175	-.0786	0.449	0.140										
0.800	0.483	-.1624	0.336	0.193	0.800	0.443	-.1703	0.384	0.177	0.800	0.200	-.0912	0.456	0.079										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.700			α = 07.96		M = 1.299			α = 08.11		M = 2.232			α = 08.31											
0.175	0.337	-.1114	0.331	0.556	0.175	0.313	-.1377	0.440	0.516	0.175	0.172	-.0662	0.384	0.284										
0.200	0.340	-.1092	0.321	0.544	0.200	0.321	-.1397	0.435	0.514	0.200	0.197	-.0789	0.400	0.315										
0.250	0.357	-.1053	0.295	0.535	0.250	0.346	-.1454	0.421	0.518	0.250	0.233	-.0969	0.416	0.349										
0.300	0.386	-.1019	0.264	0.540	0.300	0.380	-.1534	0.403	0.532	0.300	0.250	-.1056	0.423	0.349										
0.400	0.463	-.1086	0.235	0.555	0.400	0.440	-.1690	0.384	0.528	0.400	0.260	-.1114	0.428	0.312										
0.600	0.740	-.2446	0.331	0.591	0.600	0.654	-.3029	0.463	0.523	0.600	0.300	-.1356	0.452	0.240										
0.800	0.658	-.2879	0.438	0.263	0.800	0.716	-.3350	0.468	0.286	0.800	0.335	-.1531	0.457	0.133										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.698			α = 11.96		M = 1.302			α = 12.14		M = 2.228			α = 12.31											
0.175	0.472	-.1566	0.331	0.780	0.175	0.452	-.2056	0.455	0.746	0.175	0.299	-.1217	0.407	0.493										
0.200	0.525	-.1647	0.313	0.840	0.200	0.483	-.2103	0.436	0.772	0.200	0.314	-.1308	0.416	0.503										
0.250	0.601	-.1705	0.284	0.900	0.250	0.537	-.2207	0.411	0.804	0.250	0.341	-.1474	0.432	0.512										
0.300	0.637	-.1628	0.255	0.892	0.300	0.581	-.2327	0.400	0.813	0.300	0.363	-.1620	0.446	0.508										
0.400	0.789	-.2009	0.255	0.946	0.400	0.702	-.2910	0.415	0.842	0.400	0.370	-.1648	0.445	0.444										
0.600	1.127	-.4889	0.434	0.901	0.600	0.858	-.4189	0.488	0.686	0.600	0.404	-.1836	0.454	0.323										
0.800	0.622	-.2479	0.398	0.248	0.800	0.836	-.3936	0.471	0.334	0.800	0.451	-.2101	0.466	0.180										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.698			α = 15.97		M = 1.301			α = 16.17		M = 2.229			α = 16.42											
0.175	0.808	-.2767	0.342	1.335	0.175	0.652	-.2939	0.450	1.078	0.175	0.396	-.1672	0.422	0.654										
0.200	0.820	-.2638	0.322	1.312	0.200	0.681	-.2984	0.438	1.088	0.200	0.419	-.1816	0.434	0.669										
0.250	0.884	-.2633	0.298	1.325	0.250	0.742	-.3166	0.427	1.113	0.250	0.451	-.2023	0.449	0.676										
0.300	1.001	-.2955	0.295	1.400	0.300	0.812	-.3468	0.427	1.136	0.300	0.467	-.2129	0.456	0.653										
0.400	1.222	-.4229	0.346	1.466	0.400	0.956	-.4493	0.470	1.147	0.400	0.476	-.2178	0.457	0.571										
0.600	1.099	-.4661	0.424	0.879	0.600	0.982	-.4787	0.488	0.785	0.600	0.510	-.2357	0.462	0.408										
0.800	0.760	-.3273	0.431	0.303	0.800	0.973	-.4655	0.478	0.389	0.800	0.556	-.2637	0.475	0.222										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										

TABLE XII.- SECTION COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR 2y/b OF 0.175 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = 0.5°$

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{ov}} c_{N_w}$	2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{ov}} c_{N_w}$	2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{ov}} c_{N_w}$	2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{ov}} c_{N_w}$	2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{ov}} c_{N_w}$
M = 0.699		α = -04.15			M = 1.302		α = -03.95			M = 2.229		α = -03.65												
0.175	-0.162	.0689	0.426	-0.266	0.175	-0.148	.0830	0.562	-0.243	0.175	-0.087	.0468	0.539	-0.143										
0.200	-0.164	.0676	0.414	-0.261	0.200	-0.154	.0840	0.546	-0.246	0.200	-0.083	.0409	0.495	-0.132										
0.250	-0.174	.0671	0.387	-0.260	0.250	-0.165	.0859	0.520	-0.247	0.250	-0.078	.0346	0.443	-0.117										
0.300	-0.192	.0692	0.360	-0.268	0.300	-0.176	.0879	0.501	-0.245	0.300	-0.077	.0350	0.452	-0.108										
0.400	-0.224	.0733	0.327	-0.268	0.400	-0.206	.0914	0.443	-0.247	0.400	-0.099	.0413	0.416	-0.119										
0.600	-0.323	.0938	0.291	-0.258	0.600	-0.274	.1026	0.375	-0.218	0.600	-0.138	.0615	0.446	-0.110										
0.800	-0.546	.2018	0.370	-0.218	0.800	-0.418	.1540	0.368	-0.167	0.800	-0.147	.0662	0.450	-0.058										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.700		α = -00.05			M = 1.300		α = 00.15			M = 2.229		α = 00.40												
0.175	-0.013	.0088	0.662	-0.022	0.175	-0.017	.0161	0.959	-0.027	0.175	-0.012	.0093	0.750	-0.020										
0.200	-0.018	.0111	0.602	-0.029	0.200	-0.019	.0163	0.859	-0.030	0.200	-0.008	.0047	0.626	-0.012										
0.250	-0.023	.0132	0.574	-0.034	0.250	-0.019	.0161	0.829	-0.029	0.250	0.003	-.0018	0.550	0.005										
0.300	-0.021	.0123	0.598	-0.028	0.300	-0.015	.0152	1.028	-0.020	0.300	0.016	-.0051	0.320	0.022										
0.400	-0.022	.0143	0.662	-0.026	0.400	0.000	.0015	-3.144	0.000	0.400	0.012	-.0044	0.369	0.014										
0.600	-0.023	.0116	0.505	-0.018	0.600	-0.003	.0032	1.166	-0.002	0.600	0.013	-.0045	0.352	0.010										
0.800	-0.022	.0080	0.362	-0.008	0.800	0.003	-.0013	0.384	0.001	0.800	0.012	-.0078	0.656	0.004										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.695		α = 03.96			M = 1.303		α = 04.06			M = 2.229		α = 04.26												
0.175	0.127	-.0465	0.366	0.210	0.175	0.109	-.0500	0.460	0.179	0.175	0.069	-.0288	0.418	0.113										
0.200	0.127	-.0441	0.347	0.203	0.200	0.116	-.0521	0.448	0.185	0.200	0.080	-.0352	0.440	0.127										
0.250	0.133	-.0417	0.313	0.199	0.250	0.132	-.0558	0.424	0.197	0.250	0.100	-.0441	0.441	0.149										
0.300	0.147	-.0423	0.288	0.205	0.300	0.148	-.0590	0.399	0.207	0.300	0.118	-.0480	0.407	0.165										
0.400	0.181	-.0470	0.260	0.216	0.400	0.184	-.0713	0.387	0.221	0.400	0.129	-.0528	0.408	0.155										
0.600	0.253	-.0610	0.241	0.202	0.600	0.261	-.0918	0.351	0.208	0.600	0.164	-.0725	0.443	0.130										
0.800	0.460	-.1492	0.324	0.184	0.800	0.432	-.1647	0.382	0.172	0.800	0.192	-.0869	0.453	0.076										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.700		α = 07.86			M = 1.302		α = 08.06			M = 2.232		α = 08.31												
0.175	0.288	-.1037	0.360	0.475	0.175	0.283	-.1344	0.475	0.467	0.175	0.171	-.0723	0.423	0.282										
0.200	0.296	-.1037	0.350	0.474	0.200	0.287	-.1352	0.471	0.459	0.200	0.183	-.0782	0.427	0.293										
0.250	0.316	-.1027	0.325	0.473	0.250	0.304	-.1380	0.454	0.455	0.250	0.208	-.0888	0.427	0.312										
0.300	0.338	-.1006	0.297	0.473	0.300	0.333	-.1427	0.429	0.465	0.300	0.234	-.0979	0.418	0.328										
0.400	0.413	-.1019	0.247	0.495	0.400	0.406	-.1590	0.392	0.486	0.400	0.258	-.1116	0.433	0.309										
0.600	0.704	-.2150	0.306	0.562	0.600	0.645	-.2982	0.463	0.515	0.600	0.304	-.1370	0.450	0.243										
0.800	0.711	-.3212	0.452	0.284	0.800	0.712	-.3403	0.478	0.284	0.800	0.335	-.1526	0.455	0.134										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.698		α = 11.96			M = 1.301		α = 12.06			M = 2.233		α = 12.36												
0.175	0.487	-.1771	0.364	0.804	0.175	0.439	-.2072	0.472	0.725	0.175	0.269	-.1141	0.423	0.445										
0.200	0.494	-.1728	0.350	0.790	0.200	0.450	-.2071	0.460	0.720	0.200	0.287	-.1223	0.426	0.459										
0.250	0.528	-.1690	0.320	0.791	0.250	0.484	-.2112	0.437	0.725	0.250	0.321	-.1393	0.434	0.481										
0.300	0.586	-.1714	0.292	0.820	0.300	0.533	-.2208	0.414	0.746	0.300	0.353	-.1572	0.445	0.494										
0.400	0.742	-.1964	0.265	0.890	0.400	0.646	-.2608	0.404	0.775	0.400	0.365	-.1636	0.448	0.438										
0.600	1.196	-.5053	0.423	0.956	0.600	0.848	-.4144	0.489	0.678	0.600	0.401	-.1834	0.457	0.321										
0.800	0.776	-.3144	0.405	0.310	0.800	0.842	-.4002	0.475	0.336	0.800	0.445	-.2075	0.466	0.177										
1.000	0.000	.0000	0.000	0.900	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.699		α = 15.97			M = 1.304		α = 16.12			M = 2.232		α = 16.37												
0.175	0.724	-.2685	0.371	1.195	0.175	0.607	-.2837	0.467	1.003	0.175	0.374	-.1666	0.445	0.618										
0.200	0.749	-.2642	0.353	1.198	0.200	0.628	-.2854	0.454	1.005	0.200	0.397	-.1780	0.449	0.634										
0.250	0.818	-.2662	0.325	1.227	0.250	0.683	-.2974	0.436	1.024	0.250	0.432	-.1961	0.454	0.648										
0.300	0.913	-.2818	0.309	1.278	0.300	0.754	-.3209	0.426	1.055	0.300	0.457	-.2088	0.457	0.639										
0.400	1.133	-.3658	0.323	1.359	0.400	0.915	-.4168	0.456	1.097	0.400	0.467	-.2139	0.458	0.559										
0.600	1.518	-.7127	0.470	1.214	0.600	0.977	-.4765	0.487	0.781	0.600	0.509	-.2313	0.463	0.399										
0.800	0.919	-.3807	0.414	0.367	0.800	0.981	-.4776	0.487	0.392	0.800	0.550	-.2618	0.476	0.220										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										

TABLE XII.- SECTION COEFFICIENTS FOR THE WING WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR 2y/b OF 0.175 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Concluded

(c) BVWC $\delta = 9.9°$

2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{av}} c_{N_w}$	2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{av}} c_{N_w}$	2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{av}} c_{N_w}$	2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{av}} c_{N_w}$	2y/b	c_{N_w}	$c_{m_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_w$	$\frac{c}{\bar{c}_{av}} c_{N_w}$
M = 0.698		α = -04.10			M = 1.298		α = -03.81			M = 2.232		α = -03.70												
0.175	-0.193	.0782	0.405	-0.319	0.175	-0.170	.0847	0.499	-0.280	0.175	-0.093	.0405	0.433	-0.154										
0.200	-0.189	.0719	0.381	-0.301	0.200	-0.172	.0815	0.473	-0.275	0.200	-0.095	.0379	0.397	-0.152										
0.250	-0.194	.0665	0.344	-0.290	0.250	-0.181	.0798	0.441	-0.271	0.250	-0.096	.0349	0.364	-0.144										
0.300	-0.217	.0705	0.325	-0.303	0.300	-0.195	.0843	0.431	-0.273	0.300	-0.092	.0348	0.377	-0.129										
0.400	-0.242	.0784	0.324	-0.290	0.400	-0.215	.0858	0.400	-0.257	0.400	-0.105	.0430	0.410	-0.125										
0.600	-0.309	.0855	0.277	-0.246	0.600	-0.266	.1007	0.379	-0.212	0.600	-0.132	.0605	0.458	-0.105										
0.800	-0.511	.1721	0.337	-0.204	0.800	-0.394	.1427	0.362	-0.157	0.800	-0.139	.0626	0.450	-0.055										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.702		α = -00.05			M = 1.303		α = 00.10			M = 2.236		α = 00.40												
0.175	-0.024	.0033	0.140	-0.038	0.175	-0.038	.0087	0.231	-0.062	0.175	-0.023	.0002	0.007	-0.037										
0.200	-0.043	.0051	0.119	-0.068	0.200	-0.053	.0153	0.290	-0.084	0.200	-0.029	-.0005	-0.018	-0.045										
0.250	-0.055	.0084	0.154	-0.082	0.250	-0.058	.0201	0.347	-0.086	0.250	-0.026	-.0023	-0.087	-0.039										
0.300	-0.033	.0115	0.347	-0.046	0.300	-0.031	.0143	0.460	-0.043	0.300	-0.005	-.0046	-1.018	-0.006										
0.400	-0.022	.0117	0.526	-0.026	0.400	-0.021	.0153	0.730	-0.025	0.400	0.010	-.0050	0.490	0.012										
0.600	-0.023	.0120	0.518	-0.018	0.600	-0.013	.0123	0.931	-0.010	0.600	0.015	-.0044	0.301	0.011										
0.800	-0.017	.0042	0.251	-0.006	0.800	-0.004	.0057	1.428	-0.001	0.800	0.027	-.0111	0.410	0.010										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.695		α = 04.00			M = 1.304		α = 03.96			M = 2.232		α = 04.31												
0.175	-0.045	-.0209	-0.469	-0.073	0.175	-0.006	-.0320	-5.303	-0.009	0.175	0.033	-.0282	0.842	0.055										
0.200	0.017	-.0326	1.869	0.027	0.200	0.009	-.0369	4.182	0.014	0.200	0.048	-.0369	0.775	0.076										
0.250	0.113	-.0510	0.450	0.170	0.250	0.063	-.0488	0.773	0.094	0.250	0.077	-.0479	0.622	0.115										
0.300	0.175	-.0632	0.361	0.244	0.300	0.151	-.0640	0.424	0.211	0.300	0.108	-.0506	0.467	0.151										
0.400	0.211	-.0623	0.296	0.252	0.400	0.175	-.0602	0.345	0.209	0.400	0.136	-.0557	0.411	0.162										
0.600	0.247	-.0571	0.232	0.197	0.600	0.239	-.0759	0.317	0.191	0.600	0.172	-.0749	0.436	0.137										
0.800	0.454	-.1506	0.332	0.181	0.800	0.412	-.1521	0.369	0.164	0.800	0.200	-.0907	0.454	0.079										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.699		α = 07.91			M = 1.301		α = 08.01			M = 2.232		α = 08.31												
0.175	0.155	-.0403	0.259	0.256	0.175	0.251	-.1283	0.511	0.414	0.175	0.160	-.0742	0.463	0.264										
0.200	0.261	-.0839	0.322	0.417	0.200	0.269	-.1322	0.492	0.429	0.200	0.175	-.0807	0.460	0.280										
0.250	0.415	-.1531	0.369	0.621	0.250	0.297	-.1353	0.456	0.444	0.250	0.202	-.0899	0.446	0.302										
0.300	0.495	-.1999	0.404	0.693	0.300	0.315	-.1325	0.421	0.441	0.300	0.223	-.0943	0.423	0.312										
0.400	0.420	-.1274	0.303	0.504	0.400	0.407	-.1578	0.388	0.487	0.400	0.254	-.1104	0.434	0.305										
0.600	0.661	-.2353	0.356	0.529	0.600	0.613	-.2861	0.467	0.490	0.600	0.295	-.1319	0.447	0.235										
0.800	0.580	-.2445	0.421	0.232	0.800	0.684	-.3269	0.478	0.273	0.800	0.335	-.1531	0.456	0.134										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.700		α = 11.91			M = 1.301		α = 12.06			M = 2.226		α = 12.31												
0.175	0.497	-.1901	0.383	0.820	0.175	0.441	-.2106	0.477	0.729	0.175	0.263	-.1106	0.420	0.434										
0.200	0.502	-.1852	0.369	0.802	0.200	0.445	-.2098	0.471	0.711	0.200	0.286	-.1222	0.427	0.457										
0.250	0.533	-.1818	0.341	0.799	0.250	0.468	-.2111	0.451	0.701	0.250	0.320	-.1399	0.437	0.480										
0.300	0.593	-.1867	0.315	0.830	0.300	0.512	-.2164	0.423	0.716	0.300	0.340	-.1505	0.443	0.476										
0.400	0.742	-.2097	0.282	0.890	0.400	0.641	-.2590	0.404	0.768	0.400	0.358	-.1605	0.449	0.429										
0.600	1.165	-.4994	0.429	0.931	0.600	0.847	-.4147	0.489	0.677	0.600	0.396	-.1806	0.456	0.317										
0.800	0.759	-.3097	0.408	0.303	0.800	0.833	-.3968	0.477	0.333	0.800	0.444	-.2066	0.466	0.177										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.696		α = 15.87			M = 1.300		α = 16.02			M = 2.233		α = 16.32												
0.175	0.748	-.2827	0.378	1.235	0.175	0.619	-.2948	0.476	1.022	0.175	0.377	-.1623	0.430	0.623										
0.200	0.770	-.2714	0.353	1.231	0.200	0.628	-.2914	0.464	1.005	0.200	0.402	-.1773	0.441	0.643										
0.250	0.844	-.2738	0.324	1.266	0.250	0.676	-.2999	0.444	1.013	0.250	0.436	-.1974	0.453	0.653										
0.300	0.959	-.3091	0.322	1.342	0.300	0.761	-.3282	0.431	1.065	0.300	0.449	-.2050	0.456	0.629										
0.400	1.194	-.4127	0.346	1.432	0.400	0.900	-.4070	0.452	1.079	0.400	0.462	-.2117	0.458	0.554										
0.600	1.420	-.6584	0.464	1.135	0.600	0.975	-.4759	0.488	0.780	0.600	0.500	-.2316	0.463	0.400										
0.800	0.853	-.3546	0.416	0.341	0.800	0.975	-.4723	0.485	0.389	0.800	0.547	-.2598	0.475	0.218										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										

TABLE XIII.- SECTION COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR y/b OF 0.208 AND 1.0 WERE OBTAINED BY EXTRAPOLATION

(a) BVW

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$	y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$	y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$	y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$	y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 0.695		α = -04.15			M = 1.301		α = -03.88			M = 2.231		α = -03.68												
0.208	-0.201	.0789	0.393	-0.267	0.208	-0.206	.0964	0.467	-0.274	0.208	-0.118	.0536	0.454	-0.157										
0.250	-0.214	.0752	0.352	-0.274	0.250	-0.214	.0940	0.439	-0.275	0.250	-0.131	.0568	0.433	-0.168										
0.400	-0.261	.0708	0.272	-0.290	0.400	-0.250	.0953	0.381	-0.278	0.400	-0.168	.0700	0.415	-0.187										
0.550	-0.310	.0802	0.259	-0.292	0.550	-0.298	.1124	0.377	-0.280	0.550	-0.191	.0856	0.449	-0.179										
0.700	-0.334	.0868	0.260	-0.258	0.700	-0.309	.1080	0.349	-0.238	0.700	-0.189	.0865	0.457	-0.145										
0.850	-0.324	.0906	0.280	-0.194	0.850	-0.338	.1180	0.349	-0.203	0.850	-0.175	.0817	0.467	-0.105										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.700		α = 00.05			M = 1.302		α = 00.10			M = 2.240		α = 00.40												
0.208	-0.195	.0770	0.395	-0.259	0.208	-0.184	.0844	0.459	-0.244	0.208	-0.099	.0493	0.499	-0.131										
0.250	-0.208	.0733	0.352	-0.267	0.250	-0.194	.0846	0.436	-0.249	0.250	-0.113	.0520	0.459	-0.145										
0.400	-0.254	.0686	0.271	-0.282	0.400	-0.233	.0906	0.388	-0.259	0.400	-0.152	.0631	0.415	-0.169										
0.550	-0.299	.0772	0.259	-0.281	0.550	-0.275	.1049	0.382	-0.259	0.550	-0.170	.0764	0.449	-0.160										
0.700	-0.319	.0824	0.258	-0.246	0.700	-0.302	.1096	0.364	-0.232	0.700	-0.210	.1002	0.476	-0.162										
0.850	-0.312	.0893	0.286	-0.188	0.850	-0.331	.1281	0.387	-0.199	0.850	-0.158	.0734	0.465	-0.095										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.700		α = 04.10			M = 1.303		α = 04.08			M = 2.231		α = 04.31												
0.208	-0.178	.0708	0.398	-0.236	0.208	-0.160	.0773	0.484	-0.212	0.208	-0.068	.0420	0.622	-0.089										
0.250	-0.192	.0672	0.349	-0.247	0.250	-0.168	.0735	0.438	-0.215	0.250	-0.085	.0446	0.525	-0.109										
0.400	-0.242	.0635	0.263	-0.269	0.400	-0.205	.0743	0.362	-0.228	0.400	-0.130	.0546	0.419	-0.144										
0.550	-0.287	.0739	0.257	-0.270	0.550	-0.256	.0980	0.383	-0.241	0.550	-0.149	.0660	0.443	-0.140										
0.700	-0.305	.0779	0.255	-0.235	0.700	-0.282	.1027	0.365	-0.217	0.700	-0.204	.0984	0.482	-0.157										
0.850	-0.305	.0902	0.296	-0.183	0.850	-0.303	.1152	0.380	-0.182	0.850	-0.144	.0665	0.461	-0.086										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.700		α = 07.96			M = 1.299		α = 08.11			M = 2.232		α = 08.31												
0.208	-0.162	.0824	0.509	-0.215	0.208	-0.129	.0864	0.671	-0.171	0.208	-0.012	.0242	2.013	-0.015										
0.250	-0.181	.0765	0.421	-0.233	0.250	-0.143	.0797	0.558	-0.183	0.250	-0.041	.0299	0.738	-0.052										
0.400	-0.241	.0661	0.274	-0.268	0.400	-0.191	.0723	0.378	-0.212	0.400	-0.110	.0464	0.421	-0.122										
0.550	-0.285	.0730	0.257	-0.268	0.550	-0.236	.0907	0.384	-0.222	0.550	-0.130	.0565	0.435	-0.122										
0.700	-0.302	.0756	0.250	-0.233	0.700	-0.262	.0944	0.360	-0.202	0.700	-0.190	.0913	0.480	-0.146										
0.850	-0.303	.0902	0.297	-0.182	0.850	-0.264	.0914	0.346	-0.159	0.850	-0.133	.0608	0.457	-0.080										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.698		α = 11.96			M = 1.302		α = 12.14			M = 2.228		α = 12.31												
0.208	-0.099	.0773	0.782	-0.131	0.208	-0.040	.0739	1.835	-0.053	0.208	0.051	.0051	-0.099	0.068										
0.250	-0.146	.0753	0.517	-0.187	0.250	-0.076	.0700	0.922	-0.097	0.250	0.009	.0143	-1.522	0.012										
0.400	-0.263	.0723	0.275	-0.293	0.400	-0.171	.0678	0.396	-0.190	0.400	-0.092	.0387	0.421	-0.102										
0.550	-0.303	.0759	0.251	-0.285	0.550	-0.216	.0842	0.389	-0.203	0.550	-0.117	.0493	0.421	-0.110										
0.700	-0.320	.0814	0.254	-0.247	0.700	-0.248	.0932	0.375	-0.191	0.700	-0.181	.0851	0.471	-0.139										
0.850	-0.315	.0958	0.304	-0.189	0.850	-0.244	.0887	0.363	-0.147	0.850	-0.126	.0561	0.446	-0.075										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.698		α = 15.97			M = 1.301		α = 16.17			M = 2.229		α = 16.42												
0.208	-0.012	.0663	5.633	-0.015	0.208	0.065	.0478	-0.734	0.086	0.208	0.085	-.0208	0.244	0.113										
0.250	-0.081	.0624	0.768	-0.104	0.250	0.000	.0540	0.000	0.000	0.250	0.072	-.0152	0.213	0.091										
0.400	-0.257	.0607	0.237	-0.285	0.400	-0.160	.0721	0.450	-0.178	0.400	0.001	.0087	0.000	0.000										
0.550	-0.318	.0784	0.246	-0.300	0.550	-0.210	.0837	0.398	-0.198	0.550	-0.104	.0389	0.374	-0.098										
0.700	-0.339	.0877	0.259	-0.261	0.700	-0.244	.0951	0.390	-0.188	0.700	-0.178	.0805	0.452	-0.137										
0.850	-0.325	.0946	0.291	-0.195	0.850	-0.244	.0966	0.396	-0.146	0.850	-0.126	.0538	0.425	-0.076										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										

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TABLE XIII.- SECTION COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR y/b OF 0.208 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Continued

(b) BVWC $\delta = 0.5°$

y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$	y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$	y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$	y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$	y/b	c_{Y_V}	$c_{n_{LE}}$	$\left(\frac{x_{cp}}{c}\right)_V$	$\frac{c}{c_{av}}c_{Y_V}$
M = 0.699		α = -04.15			M = 1.302		α = -03.95			M = 2.229		α = -03.65													
0.208	-0.196	.0762	0.388	-0.261	0.208	-0.205	.0971	0.473	-0.273	0.208	-0.119	.0541	0.454	-0.158											
0.250	-0.209	.0730	0.349	-0.268	0.250	-0.214	.0949	0.444	-0.274	0.250	-0.134	.0584	0.436	-0.172											
0.400	-0.260	.0715	0.275	-0.289	0.400	-0.251	.0964	0.384	-0.279	0.400	-0.174	.0731	0.421	-0.193											
0.550	-0.321	.0851	0.265	-0.302	0.550	-0.299	.1126	0.376	-0.282	0.550	-0.192	.0867	0.451	-0.181											
0.700	-0.341	.0899	0.264	-0.263	0.700	-0.315	.1091	0.346	-0.243	0.700	-0.185	.0845	0.456	-0.143											
0.850	-0.337	.0993	0.295	-0.202	0.850	-0.347	.1242	0.358	-0.208	0.850	-0.170	.0786	0.462	-0.102											
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000											
M = 0.700		α = -00.05			M = 1.300		α = 00.15			M = 2.229		α = 00.40													
0.208	-0.192	.0739	0.384	-0.255	0.208	-0.185	.0862	0.466	-0.246	0.208	-0.092	.0454	0.495	-0.122											
0.250	-0.205	.0713	0.347	-0.263	0.250	-0.194	.0858	0.441	-0.249	0.250	-0.107	.0494	0.460	-0.137											
0.400	-0.256	.0710	0.277	-0.285	0.400	-0.233	.0902	0.387	-0.259	0.400	-0.148	.0624	0.421	-0.165											
0.550	-0.314	.0847	0.270	-0.296	0.550	-0.281	.1041	0.371	-0.265	0.550	-0.166	.0739	0.444	-0.156											
0.700	-0.350	.1018	0.291	-0.270	0.700	-0.310	.1115	0.360	-0.239	0.700	-0.180	.0838	0.465	-0.139											
0.850	-0.338	.1078	0.319	-0.203	0.850	-0.332	.1270	0.382	-0.199	0.850	-0.156	.0742	0.476	-0.093											
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000											
M = 0.695		α = 03.96			M = 1.303		α = 04.06			M = 2.229		α = 04.26													
0.208	-0.190	.0746	0.393	-0.253	0.208	-0.156	.0705	0.453	-0.207	0.208	-0.065	.0370	0.565	-0.087											
0.250	-0.198	.0696	0.351	-0.254	0.250	-0.168	.0715	0.427	-0.215	0.250	-0.083	.0412	0.495	-0.107											
0.400	-0.253	.0695	0.275	-0.281	0.400	-0.211	.0799	0.379	-0.234	0.400	-0.129	.0543	0.423	-0.143											
0.550	-0.346	.0970	0.280	-0.326	0.550	-0.255	.0958	0.375	-0.240	0.550	-0.145	.0645	0.444	-0.136											
0.700	-0.332	.0887	0.268	-0.256	0.700	-0.299	.1098	0.367	-0.230	0.700	-0.183	.0866	0.473	-0.141											
0.850	-0.333	.1071	0.321	-0.200	0.850	-0.311	.1206	0.387	-0.187	0.850	-0.139	.0641	0.461	-0.083											
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000											
M = 0.700		α = 07.86			M = 1.302		α = 08.06			M = 2.232		α = 08.31													
0.208	-0.106	.0556	0.524	-0.141	0.208	-0.067	.0415	0.623	-0.088	0.208	-0.026	.0196	0.752	-0.034											
0.250	-0.137	.0587	0.428	-0.175	0.250	-0.091	.0491	0.537	-0.117	0.250	-0.038	.0226	0.592	-0.049											
0.400	-0.242	.0730	0.302	-0.269	0.400	-0.176	.0748	0.424	-0.196	0.400	-0.086	.0374	0.436	-0.095											
0.550	-0.338	.0924	0.273	-0.318	0.550	-0.256	.0981	0.383	-0.241	0.550	-0.139	.0580	0.418	-0.130											
0.700	-0.334	.0816	0.245	-0.257	0.700	-0.281	.1035	0.368	-0.217	0.700	-0.195	.0904	0.464	-0.150											
0.850	-0.331	.0958	0.289	-0.199	0.850	-0.287	.1049	0.365	-0.172	0.850	-0.140	.0636	0.454	-0.084											
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000											
M = 0.698		α = 11.96			M = 1.301		α = 12.06			M = 2.233		α = 12.36													
0.208	-0.113	.0796	0.705	-0.150	0.208	-0.069	.0547	0.790	-0.092	0.208	-0.013	.0070	0.558	-0.016											
0.250	-0.051	.0482	0.947	-0.065	0.250	-0.008	.0274	3.320	-0.010	0.250	-0.011	.0093	0.847	-0.014											
0.400	-0.049	.0164	0.338	-0.054	0.400	0.028	.0016	-0.057	0.030	0.400	-0.028	.0201	0.724	-0.030											
0.550	-0.390	.1103	0.283	-0.367	0.550	-0.220	.0884	0.401	-0.207	0.550	-0.080	.0351	0.440	-0.075											
0.700	-0.434	.1115	0.257	-0.335	0.700	-0.283	.1043	0.369	-0.218	0.700	-0.193	.0878	0.455	-0.148											
0.850	-0.377	.1094	0.290	-0.227	0.850	-0.272	.1008	0.371	-0.163	0.850	-0.144	.0635	0.441	-0.086											
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000											
M = 0.699		α = 15.97			M = 1.304		α = 16.12			M = 2.232		α = 16.37													
0.208	-0.065	.0551	0.844	-0.086	0.208	0.057	-.0338	0.598	0.075	0.208	-0.012	.0126	1.045	-0.016											
0.250	0.046	.0233	-0.506	0.059	0.250	0.060	-.0170	0.285	0.076	0.250	-0.014	.0102	0.706	-0.018											
0.400	0.112	-.0013	0.012	0.124	0.400	0.061	.0245	-0.402	0.067	0.400	-0.021	.0101	0.485	-0.023											
0.550	-0.342	.1130	0.330	-0.322	0.550	0.048	.0366	-0.767	0.044	0.550	-0.024	.0234	0.973	-0.022											
0.700	-0.559	.1436	0.257	-0.431	0.700	-0.317	.1323	0.417	-0.244	0.700	-0.181	.0847	0.467	-0.140											
0.850	-0.472	.1477	0.313	-0.283	0.850	-0.276	.1180	0.427	-0.166	0.850	-0.128	.0560	0.436	-0.077											
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000											

TABLE XIII.- SECTION COEFFICIENTS FOR THE TAIL WITH THE MODEL AT 5.3° SIDESLIP. VALUES FOR y/b OF 0.208 AND 1.0 WERE OBTAINED BY EXTRAPOLATION - Concluded

(c) BVWC $\delta = 9.9°$

y/b	c_{Y_v}	$c_{n_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_v$	$\frac{c}{c_{av}}c_{Y_v}$	y/b	c_{Y_v}	$c_{n_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_v$	$\frac{c}{c_{av}}c_{Y_v}$	y/b	c_{Y_v}	$c_{n_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_v$	$\frac{c}{c_{av}}c_{Y_v}$	y/b	c_{Y_v}	$c_{n_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_v$	$\frac{c}{c_{av}}c_{Y_v}$	y/b	c_{Y_v}	$c_{n_{LE}}$	$\left(\frac{X_{cp}}{c}\right)_v$	$\frac{c}{c_{av}}c_{Y_v}$
M = 0.698		α = -04.10			M = 1.298		α = -03.81			M = 2.232		α = -03.70												
0.208	-0.199	.0775	0.390	-0.264	0.208	-0.205	.0992	0.483	-0.273	0.208	-0.115	.0532	0.464	-0.152										
0.250	-0.214	.0754	0.353	-0.274	0.250	-0.213	.0953	0.447	-0.273	0.250	-0.128	.0559	0.436	-0.164										
0.400	-0.265	.0737	0.278	-0.294	0.400	-0.249	.0940	0.378	-0.277	0.400	-0.167	.0682	0.410	-0.185										
0.550	-0.314	.0811	0.259	-0.295	0.550	-0.296	.1118	0.378	-0.278	0.550	-0.189	.0843	0.446	-0.178										
0.700	-0.338	.0891	0.264	-0.261	0.700	-0.338	.1242	0.368	-0.260	0.700	-0.190	.0873	0.460	-0.146										
0.850	-0.323	.0889	0.275	-0.194	0.850	-0.340	.1214	0.357	-0.204	0.850	-0.169	.0778	0.461	-0.101										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.702		α = -00.05			M = 1.303		α = 00.10			M = 2.236		α = 00.40												
0.208	-0.196	.0763	0.390	-0.260	0.208	-0.187	.0874	0.468	-0.248	0.208	-0.083	.0440	0.530	-0.110										
0.250	-0.209	.0732	0.350	-0.268	0.250	-0.197	.0874	0.443	-0.253	0.250	-0.099	.0474	0.479	-0.126										
0.400	-0.256	.0701	0.274	-0.285	0.400	-0.236	.0924	0.392	-0.262	0.400	-0.140	.0593	0.422	-0.156										
0.550	-0.303	.0793	0.261	-0.286	0.550	-0.275	.1053	0.382	-0.259	0.550	-0.158	.0705	0.447	-0.148										
0.700	-0.324	.0843	0.260	-0.250	0.700	-0.313	.1162	0.371	-0.242	0.700	-0.187	.0888	0.474	-0.144										
0.850	-0.317	.0924	0.291	-0.190	0.850	-0.329	.1271	0.386	-0.198	0.850	-0.147	.0682	0.465	-0.088										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.695		α = 04.00			M = 1.304		α = 03.96			M = 2.232		α = 04.31												
0.208	-0.188	.0736	0.392	-0.249	0.208	-0.155	.0716	0.463	-0.205	0.208	-0.062	.0375	0.610	-0.081										
0.250	-0.201	.0709	0.353	-0.258	0.250	-0.167	.0721	0.432	-0.214	0.250	-0.077	.0400	0.516	-0.099										
0.400	-0.247	.0680	0.275	-0.275	0.400	-0.211	.0802	0.380	-0.234	0.400	-0.120	.0500	0.417	-0.133										
0.550	-0.291	.0755	0.259	-0.274	0.550	-0.255	.0981	0.384	-0.240	0.550	-0.140	.0622	0.444	-0.132										
0.700	-0.313	.0803	0.256	-0.242	0.700	-0.290	.1065	0.367	-0.224	0.700	-0.191	.0921	0.482	-0.147										
0.850	-0.311	.0901	0.290	-0.186	0.850	-0.310	.1213	0.392	-0.186	0.850	-0.135	.0624	0.461	-0.081										
1.000	0.000	.0000	0.000	0.009	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.699		α = 07.91			M = 1.301		α = 08.01			M = 2.232		α = 08.31												
0.208	-0.195	.0797	0.409	-0.259	0.208	-0.116	.0568	0.471	-0.154	0.208	-0.035	.0236	0.668	-0.047										
0.250	-0.212	.0774	0.365	-0.272	0.250	-0.135	.0587	0.434	-0.173	0.250	-0.052	.0277	0.533	-0.066										
0.400	-0.267	.0747	0.280	-0.296	0.400	-0.195	.0742	0.380	-0.217	0.400	-0.102	.0429	0.422	-0.113										
0.550	-0.310	.0805	0.260	-0.292	0.550	-0.242	.0918	0.379	-0.228	0.550	-0.136	.0591	0.434	-0.128										
0.700	-0.327	.0826	0.253	-0.252	0.700	-0.268	.0964	0.359	-0.207	0.700	-0.194	.0923	0.476	-0.149										
0.850	-0.318	.0907	0.285	-0.191	0.850	-0.260	.0909	0.350	-0.156	0.850	-0.133	.0597	0.450	-0.079										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.700		α = 11.91			M = 1.301		α = 12.06			M = 2.226		α = 12.31												
0.208	-0.089	.0648	0.728	-0.118	0.208	-0.013	.0287	2.158	-0.017	0.208	-0.022	.0160	0.738	-0.028										
0.250	-0.099	.0595	0.604	-0.126	0.250	0.006	.0156	-2.558	0.007	0.250	-0.005	.0097	1.850	-0.006										
0.400	-0.187	.0626	0.334	-0.208	0.400	-0.036	.0218	0.599	-0.040	0.400	-0.010	.0100	0.987	-0.011										
0.550	-0.362	.0998	0.276	-0.340	0.550	-0.254	.1109	0.437	-0.239	0.550	-0.114	.0458	0.400	-0.107										
0.700	-0.373	.0937	0.251	-0.288	0.700	-0.285	.1182	0.415	-0.220	0.700	-0.195	.0887	0.455	-0.150										
0.850	-0.344	.0888	0.258	-0.207	0.850	-0.240	.0875	0.365	-0.144	0.850	-0.142	.0616	0.435	-0.085										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										
M = 0.696		α = 15.87			M = 1.300		α = 16.02			M = 2.233		α = 16.32												
0.208	-0.030	.0578	1.941	-0.039	0.208	0.094	-.0615	0.658	0.124	0.208	0.007	.0001	-0.012	0.008										
0.250	-0.027	.0562	2.097	-0.034	0.250	0.089	-.0026	0.030	0.113	0.250	0.016	.0003	-0.019	0.020										
0.400	-0.136	.0677	0.498	-0.151	0.400	0.003	.1220	0.000	0.003	0.400	0.000	.0109	0.000	0.000										
0.550	-0.432	.1058	0.245	-0.407	0.550	-0.190	.1128	0.594	-0.179	0.550	-0.089	.0369	0.413	-0.084										
0.700	-0.501	.1372	0.274	-0.387	0.700	-0.320	.1543	0.483	-0.246	0.700	-0.159	.0764	0.482	-0.122										
0.850	-0.394	.1182	0.300	-0.237	0.850	-0.339	.1881	0.555	-0.203	0.850	-0.122	.0553	0.454	-0.073										
1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000	1.000	0.000	.0000	0.000	0.000										

TABLE XIV.- TOTAL COEFFICIENTS FOR THE BODY

BVW, β=0.0°

M	α	C_N	C_m	C_Y	C_n
0.701	-04.38	-0.038	-.0057	0.001	0.000
0.702	-00.35	0.001	-.0004	0.000	0.000
0.702	03.83	0.045	.0053	-0.001	0.000
0.698	07.66	0.093	.0097	-0.002	-0.000
0.699	11.79	0.151	.0135	-0.004	-0.001
0.698	15.76	0.215	.0164	-0.006	-0.002
0.906	03.69	0.048	.0027	-0.001	-0.000
0.952	03.78	0.050	.0015	-0.001	-0.000
1.005	03.88	0.052	-.0017	-0.001	0.000
1.045	03.88	0.052	-.0028	-0.002	0.001
1.094	03.88	0.050	-.0021	-0.001	0.000
1.299	-04.13	-0.039	.0017	0.002	0.000
1.299	-00.05	0.002	-.0003	0.001	0.000
1.302	03.88	0.043	-.0022	-0.000	0.000
1.298	07.81	0.088	-.0059	-0.002	-0.000
1.301	11.89	0.141	-.0116	-0.003	-0.000
1.300	15.91	0.197	-.0158	-0.005	-0.000
1.502	03.78	0.038	-.0024	-0.000	-0.000
1.701	03.73	0.034	-.0022	-0.001	-0.000
1.906	03.93	0.033	-.0006	-0.001	0.000
2.227	-03.78	-0.019	-.0010	0.001	0.000
2.230	00.30	0.005	-.0003	0.000	0.000
2.231	04.08	0.031	-.0003	-0.000	0.000
2.238	08.26	0.061	.0003	-0.001	0.000
2.231	12.09	0.096	.0019	-0.003	-0.000
2.239	16.31	0.146	.0063	-0.004	-0.000

BVWC, δ=-0.4°, β=0.0°

M	α	C_N	C_m	C_Y	C_n
0.699	-04.23	-0.036	-.0086	0.001	0.000
0.696	-00.20	0.001	-.0004	0.000	0.000
0.695	03.73	0.041	.0078	-0.001	0.000
0.697	07.66	0.092	.0160	-0.002	-0.000
0.702	11.74	0.156	.0262	-0.003	-0.001
0.696	15.72	0.225	.0371	-0.005	-0.001
0.904	03.73	0.046	.0058	-0.001	-0.000
0.951	03.77	0.047	.0049	-0.001	-0.000
1.000	03.88	0.050	.0009	-0.001	0.000
1.045	03.88	0.049	.0003	-0.001	-0.000
1.097	03.88	0.045	.0025	-0.002	-0.000
1.303	-04.08	-0.037	-.0025	0.002	-0.000
1.303	-00.05	0.001	-.0003	0.001	0.000
1.302	03.93	0.040	.0014	-0.001	-0.000
1.299	07.81	0.090	.0024	-0.005	0.000
1.301	11.79	0.143	.0045	-0.003	-0.001
1.299	15.82	0.201	.0078	-0.005	-0.000
1.497	03.83	0.036	.0007	-0.000	-0.000
1.695	03.78	0.032	.0008	-0.000	0.000
1.903	03.98	0.032	.0042	-0.001	0.000
2.227	-03.88	-0.021	-.0044	0.001	0.000
2.230	00.35	-0.002	-.0001	0.001	0.000
2.230	04.28	0.032	.0038	-0.000	0.000
2.234	08.26	0.064	.0079	-0.001	0.000
2.234	12.24	0.098	.0125	-0.002	-0.000
2.230	16.17	0.138	.0186	-0.003	-0.000

BVWC, δ=9.6°, β=0.0°

M	α	C_N	C_m	C_Y	C_n
0.702	-04.23	-0.039	-.0043	0.001	0.000
0.697	-00.20	-0.003	.0024	0.000	0.000
0.698	03.73	0.030	.0095	-0.000	0.000
0.701	07.76	0.089	.0223	-0.003	-0.000
0.695	11.88	0.163	.0304	-0.004	-0.002
0.697	15.86	0.236	.0411	-0.006	-0.002
0.906	03.78	0.036	.0066	-0.000	0.000
0.953	03.92	0.042	.0083	-0.000	0.000
1.005	04.03	0.043	.0047	-0.001	-0.000
1.048	04.03	0.040	.0058	-0.001	0.000
1.100	04.08	0.034	.0051	-0.002	-0.000
1.297	-04.13	-0.039	.0034	0.003	-0.000
1.303	-00.15	-0.005	.0043	0.001	-0.000
1.301	03.93	0.029	.0062	0.000	-0.000
1.297	07.86	0.087	.0086	-0.004	-0.001
1.297	11.94	0.148	.0108	-0.003	-0.001
1.300	15.87	0.204	.0117	-0.006	-0.002
1.498	03.73	0.027	.0071	-0.001	0.000
1.697	03.88	0.025	.0057	-0.000	-0.000
1.904	04.08	0.029	.0085	-0.000	-0.000
2.225	-03.78	-0.019	.0020	0.001	0.000
2.228	00.35	0.000	.0058	0.000	0.000
2.228	04.28	0.027	.0089	-0.000	0.000
2.235	08.35	0.060	.0115	-0.001	-0.000
2.235	12.29	0.095	.0140	-0.002	-0.000
2.232	16.26	0.133	.0191	-0.002	-0.000

BV_5W, β=0.0°

M	α	C_N	C_m	C_Y	C_n
0.689	-04.33	-0.040	-.0059	-0.004	0.003
0.690	-00.25	0.002	-.0006	-0.007	0.003
0.690	03.83	0.042	.0044	-0.010	0.002
0.694	07.56	0.088	.0086	-0.011	0.002
0.693	11.74	0.148	.0129	-0.012	0.003
0.693	15.76	0.214	.0183	-0.013	0.001
0.905	03.69	0.047	.0027	-0.008	0.003
0.952	03.73	0.049	.0009	-0.009	0.004
0.998	03.83	0.051	-.0021	-0.010	0.005
1.049	03.83	0.050	-.0034	-0.009	0.004
1.102	03.88	0.049	-.0021	-0.008	0.004
1.299	-04.03	-0.038	.0009	-0.003	0.003
1.304	-00.15	0.001	-.0009	-0.004	0.003
1.304	03.69	0.039	-.0025	-0.006	0.003
1.299	07.86	0.090	-.0065	-0.007	0.003
1.299	11.69	0.139	-.0108	-0.007	0.002
1.300	15.77	0.192	-.0147	-0.009	0.002
1.502	03.78	0.038	-.0038	-0.005	0.001
1.699	03.73	0.035	-.0024	-0.005	0.001
1.905	03.98	0.034	-.0008	-0.003	0.001
2.231	-03.78	-0.019	-.0013	-0.001	0.001
2.231	00.20	0.003	-.0002	-0.001	0.001
2.227	04.28	0.030	.0000	-0.002	0.001
2.231	08.21	0.061	.0007	-0.002	0.001
2.234	12.19	0.094	.0034	-0.003	0.001

BV_5WC, δ=0.4°, β=0.0°

M	α	C_N	C_m	C_Y	C_n
0.704	-04.33	-0.037	-.0081	-0.004	0.003
0.699	-00.10	0.003	.0007	-0.006	0.003
0.698	03.83	0.042	.0093	-0.010	0.002
0.699	07.90	0.096	.0186	-0.012	0.001
0.702	11.74	0.156	.0284	-0.013	0.003
0.702	15.76	0.229	.0389	-0.011	0.001
0.906	03.69	0.044	.0071	-0.010	0.002
0.954	03.73	0.046	.0067	-0.010	0.003
0.995	03.88	0.046	.0025	-0.011	0.004
1.047	03.88	0.047	.0015	-0.011	0.004
1.097	03.88	0.024	-.0191	-0.010	0.004
1.300	-04.13	-0.037	-.0029	-0.003	0.003
1.300	-00.20	0.002	-.0009	-0.005	0.003
1.299	03.73	0.039	.0009	-0.006	0.003
1.299	07.76	0.088	.0029	-0.006	0.003
1.299	11.89	0.144	.0046	-0.007	0.002
1.300	15.82	0.201	.0078	-0.008	0.001
1.500	03.73	0.036	.0003	-0.004	0.002
1.700	03.68	0.034	.0014	-0.004	0.002
1.906	03.93	0.033	.0047	-0.004	0.001
2.227	-03.83	-0.019	-.0038	-0.001	0.001
2.227	00.20	0.003	.0007	-0.001	0.001
2.230	04.18	0.031	.0046	-0.004	0.001
2.224	08.21	0.061	.0084	-0.004	0.000
2.234	12.24	0.097	.0132	-0.004	-0.000
2.231	16.31	0.138	.0194	-0.004	-0.000

BW, β=0.0°

M	α	C_N	C_m	C_Y	C_n
0.698	-04.42	-0.039	-.0044	0.002	0.001
0.700	-00.06	0.005	.0009	-0.000	-0.000
0.699	03.83	0.045	.0055	-0.002	-0.001
0.700	07.76	0.093	.0106	-0.003	-0.001
0.696	11.79	0.148	.0150	-0.006	-0.002
0.699	15.67	0.210	.0191	-0.006	-0.001
0.903	03.78	0.050	.0028	-0.001	-0.001
0.957	03.88	0.052	.0011	-0.001	-0.001
1.008	-00.05	0.007	-.0012	0.000	-0.000
1.002	03.88	0.053	-.0022	-0.001	-0.000
1.062	03.93	0.051	-.0026	-0.001	-0.000
1.109	03.93	0.051	-.0037	-0.001	-0.000
1.299	-04.18	-0.038	.0014	0.002	-0.000
1.304	-00.10	0.002	-.0005	0.001	0.000
1.303	03.83	0.042	-.0021	-0.001	0.000
1.301	07.81	0.088	-.0054	-0.002	-0.000
1.301	11.84	0.140	-.0101	-0.003	-0.000
1.300	15.87	0.195	-.0119	-0.010	-0.003
1.500	03.78	0.038	-.0028	-0.001	-0.001
1.703	03.73	0.034	-.0018	-0.002	-0.000
1.906	03.93	0.032	-.0012	-0.002	-0.000
2.229	-03.88	-0.021	-.0009	0.001	-0.000
2.226	00.25	0.005	-.0006	-0.000	-0.000
2.229	04.13	0.032	-.0008	-0.002	0.000
2.234	08.26	0.061	.0002	-0.004	-0.000
2.232	12.24	0.094	.0022	-0.004	-0.000
2.232	16.22	0.141	.0076	-0.005	-0.000

BV, β=0.0°

M	α	C_N	C_m	C_Y	C_n
0.700	-04.28	-0.005	-.0074	0.001	0.001
0.701	-00.25	0.000	.0007	0.000	0.000
0.700	03.73	0.006	.0083	0.000	-0.001
0.700	07.76	0.014	.0154	-0.001	-0.001
0.697	11.74	0.022	.0213	-0.002	-0.002
0.699	15.72	0.035	.0280	-0.000	-0.002
0.904	03.78	0.006	.0079	-0.001	-0.001
0.954	03.83	0.006	.0083	0.000	-0.001
1.004	03.93	0.005	.0093	-0.001	-0.001
1.054	03.93	0.006	.0095	-0.000	-0.001
1.097	04.03	0.007	.0097	0.000	0.000
1.301	-04.13	-0.005	-.0084	0.000	0.001
1.301	-00.20	0.000	.0000	-0.000	0.000
1.302	03.93	0.005	.0085	-0.002	-0.001
1.303	07.86	0.014	.0166	-0.001	-0.001
1.303	11.94	0.026	.0246	-0.001	-0.001
1.303	15.82	0.047	.0322	0.000	-0.001
1.499	03.83	0.006	.0082	0.000	-0.000
1.704	03.83	0.007	.0079	-0.001	-0.000
1.903	03.98	0.007	.0096	-0.000	-0.000
2.225	-03.78	-0.005	-.0069	0.000	0.000
2.237	00.25	0.001	.0010	0.000	0.000
2.235	04.23	0.009	.0082	0.000	-0.000
2.230	08.21	0.021	.0156	-0.001	-0.000
2.234	12.24	0.044	.0228	-0.003	-0.000
2.220	16.22	0.077	.0311	-0.002	-0.000

BVC, δ=-0.1°, β=0.0°

M	α	C_N	C_m	C_Y	C_n
0.701	-04.08	-0.009	-.0119	-0.000	0.001
0.695	-00.25	0.000	-.0001	0.000	0.000
0.697	03.78	0.010	.0118	0.000	-0.000
0.695	07.81	0.021	.0248	0.001	-0.000
0.697	11.79	0.037	.0387	0.001	-0.001
0.699	15.67	0.053	.0505	0.001	-0.001
0.902	03.73	0.010	.0123	-0.000	-0.000
0.956	03.83	0.010	.0123	0.000	-0.000
0.999	03.93	0.009	.0126	0.000	-0.000
1.049	03.93	0.010	.0124	0.000	-0.000
1.101	03.93	0.009	.0129	0.000	-0.000
1.303	-04.18	-0.010	-.0139	0.000	0.000
1.303	-00.15	-0.000	-.0007	0.000	0.000
1.304	03.73	0.009	.0119	0.000	-0.000
1.304	07.86	0.020	.0261	-0.000	-0.001
1.305	11.94	0.036	.0392	-0.001	-0.001
1.302	15.87	0.061	.0509	0.000	-0.002
1.498	03.78	0.009	.0116	0.001	-0.000
1.702	03.73	0.009	.0115	-0.001	-0.000
1.912	04.03	0.010	.0122	-0.000	-0.000
2.229	-03.68	-0.006	-.0096	0.000	0.000
2.229	00.35	0.001	-.0006	-0.000	0.000
2.230	04.42	0.010	.0102	-0.000	-0.000
2.233	08.21	0.023	.0216	-0.001	-0.000
2.227	12.19	0.046	.0303	-0.001	-0.000
2.230	16.22	0.077	.0412	-0.002	-0.001

TABLE XIV.- TOTAL COEFFICIENTS FOR THE BODY - Concluded

M	α	C_N	C_m	C_Y	C_n
BVC		δ = 9.7		β=0.0°	
0.699	-04.28	-0.003	-.0063	0.000	0.001
0.697	-00.06	0.004	.0060	0.001	0.000
0.698	03.83	0.017	.0172	-0.000	-0.000
0.696	07.85	0.033	.0324	-0.003	-0.002
0.699	11.79	0.045	.0474	-0.006	-0.004
0.696	15.72	0.060	.0627	-0.003	-0.004
0.901	03.73	0.017	.0173	-0.000	-0.000
0.954	03.73	0.019	.0200	0.000	-0.000
1.003	03.88	0.018	.0194	-0.000	0.000
1.047	03.93	0.017	.0193	-0.001	-0.000
1.101	03.79	0.015	.0180	-0.001	-0.000
1.301	-04.13	-0.004	-.0063	-0.001	0.001
1.305	-00.10	0.004	.0053	0.000	0.001
1.304	04.03	0.017	.0180	0.000	-0.000
1.305	07.91	0.027	.0328	-0.002	-0.001
1.303	11.89	0.043	.0457	-0.002	-0.002
1.302	15.87	0.061	.0585	-0.004	-0.002
1.502	03.83	0.016	.0168	-0.000	-0.000
1.697	03.78	0.014	.0163	-0.001	-0.000
1.904	03.98	0.015	.0163	-0.000	-0.000
2.228	-03.88	-0.003	-.0044	-0.000	-0.000
2.224	00.25	0.005	.0047	0.001	-0.000
2.231	04.18	0.014	.0148	0.000	-0.000
2.224	08.21	0.026	.0264	-0.000	-0.000
2.236	12.24	0.044	.0353	-0.002	-0.001
2.233	16.22	0.075	.0444	-0.003	-0.001

M	α	C_N	C_m	C_Y	C_n
BV_5				β=0.0°	
0.698	-04.28	-0.005	-.0086	-0.005	0.002
0.697	-00.35	-0.002	.0006	-0.007	0.003
0.699	03.92	0.006	.0094	-0.009	0.003
0.700	07.81	0.012	.0162	-0.012	0.005
0.698	11.83	0.019	.0234	-0.014	0.005
0.701	15.72	0.036	.0291	-0.015	0.005
0.902	03.78	0.006	.0096	-0.009	0.003
0.953	03.78	0.006	.0096	-0.009	0.004
1.000	03.88	0.002	.0101	-0.012	0.003
1.053	03.88	0.004	.0089	-0.011	0.003
1.104	03.88	0.005	.0088	-0.012	0.003
1.299	-04.13	-0.005	-.0089	-0.004	0.003
1.302	-00.15	0.000	-.0006	-0.006	0.003
1.303	03.88	0.005	.0072	-0.010	0.002
1.303	07.96	0.015	.0142	-0.011	0.002
1.304	12.03	0.027	.0220	-0.011	0.003
1.306	15.82	0.045	.0325	-0.012	0.003
1.503	03.78	0.006	.0085	-0.006	0.003
1.704	03.73	0.007	.0086	-0.005	0.002
1.905	03.93	0.007	.0090	-0.004	0.002
2.234	-03.73	-0.003	-.0061	-0.002	0.001
2.234	00.25	0.001	-.0011	-0.002	0.001
2.235	04.28	0.006	.0065	-0.002	0.001
2.224	08.26	0.018	.0142	-0.004	0.001
2.231	12.29	0.039	.0218	-0.006	0.001
2.227	16.26	0.065	.0335	-0.004	0.001

M	α	C_N	C_m	C_Y	C_n
BV_5C		δ=-0.1°		β=0.0°	
0.692	-04.38	-0.009	-.0120	-0.005	0.004
0.700	-00.25	0.001	.0004	-0.008	0.003
0.696	03.78	0.009	.0118	-0.011	0.003
0.695	07.76	0.021	.0248	-0.012	0.003
0.697	11.74	0.035	.0389	-0.012	0.004
0.695	15.67	0.054	.0516	-0.014	0.004
0.901	03.83	0.011	.0190	-0.009	0.004
0.952	03.87	0.012	.0138	-0.010	0.004
1.059	04.03	0.011	.0128	-0.011	0.002
1.100	04.03	0.009	.0131	-0.011	0.002
1.302	-04.08	-0.009	-.0130	-0.003	0.003
1.303	-00.25	-0.000	-.0014	-0.006	0.003
1.302	03.78	0.009	.0117	-0.008	0.003
1.304	07.91	0.021	.0256	-0.010	0.002
1.302	11.89	0.038	.0400	-0.008	0.004
1.302	15.82	0.062	.0510	-0.009	0.003
1.501	03.78	0.009	.0107	-0.007	0.001
1.705	03.73	0.010	.0113	-0.006	0.001
1.915	04.03	0.011	.0122	-0.005	0.001
2.230	-03.68	-0.005	-.0088	-0.000	0.002
2.230	00.30	0.001	-.0007	-0.002	0.001
2.227	04.28	0.011	.0102	-0.003	0.001
2.234	08.16	0.023	.0204	-0.006	-0.000
2.230	12.29	0.047	.0304	-0.004	-0.000
2.231	16.22	0.082	.0415	-0.004	0.000

M	α	C_N	C_m	C_Y	C_n
B				β=0.0°	
0.700	-04.23	-0.006	-.0074	-0.000	0.000
0.700	-00.15	0.001	.0015	0.000	-0.000
0.698	03.68	0.006	.0096	-0.000	-0.000
0.698	07.76	0.013	.0169	-0.000	-0.000
0.700	11.88	0.023	.0235	-0.000	-0.001
0.699	15.81	0.036	.0298	0.001	-0.002
0.908	03.78	0.006	.0095	-0.000	-0.001
0.951	04.02	0.006	.0105	-0.000	-0.001
0.999	-00.05	-0.000	.0013	0.000	-0.000
0.999	03.93	0.005	.0108	0.000	-0.001
1.045	03.98	0.007	.0102	-0.001	-0.001
1.104	03.98	0.007	.0096	-0.000	-0.001
1.303	-04.18	-0.005	-.0084	-0.001	0.000
1.304	-00.10	0.001	.0002	-0.000	-0.000
1.302	03.93	0.006	.0092	-0.000	-0.001
1.301	07.91	0.013	.0177	-0.000	-0.001
1.302	11.79	0.026	.0238	-0.002	-0.001
1.302	15.82	0.045	.0322	0.001	-0.001
1.503	03.83	0.006	.0087	0.001	-0.001
1.702	03.78	0.006	.0089	-0.001	-0.001
1.904	03.98	0.009	.0090	-0.000	-0.000
2.237	-03.78	-0.004	-.0063	-0.001	0.000
2.233	00.20	0.001	-.0004	-0.000	-0.000
2.229	04.18	0.010	.0079	-0.001	-0.000
2.229	08.26	0.021	.0153	-0.001	-0.001
2.225	12.24	0.044	.0227	-0.003	-0.000
2.229	16.22	0.075	.0304	-0.003	-0.000

M	α	C_N	C_m	C_Y	C_n
B				β=5.3°	
0.699	-04.10	-0.007	-.0078	-0.006	-0.006
0.697	00.10	-0.000	.0003	-0.005	-0.006
0.697	03.86	0.005	.0077	-0.006	-0.006
0.698	07.91	0.012	.0156	-0.008	-0.006
0.702	11.96	0.027	.0199	-0.014	-0.007
0.696	16.02	0.048	.0280	-0.020	-0.007
1.301	-04.00	-0.005	-.0084	-0.007	-0.007
1.301	00.10	0.001	-.0002	-0.005	-0.007
1.302	04.11	0.007	.0088	-0.006	-0.007
1.304	08.06	0.015	.0180	-0.009	-0.007
1.305	12.06	0.036	.0251	-0.015	-0.006
1.304	16.07	0.057	.0323	-0.024	-0.006
2.233	-03.65	-0.006	-.0074	-0.009	-0.005
2.232	00.35	0.000	-.0012	-0.008	-0.006
2.229	04.36	0.010	.0068	-0.010	-0.006
2.229	12.41	0.049	.0188	-0.025	-0.008
2.233	16.42	0.080	.0277	-0.031	-0.008
2.232	08.31	0.022	.0131	-0.014	-0.006

M	α	C_N	C_m	C_Y	C_n
BVW				β=5.3°	
0.695	-04.15	-0.044	-.0044	-0.013	-0.003
0.700	00.05	-0.002	.0022	-0.014	-0.002
0.700	04.10	0.040	.0076	-0.020	-0.002
0.700	07.96	0.076	.0181	-0.011	-0.009
0.698	11.96	0.145	.0190	-0.023	-0.002
0.698	15.97	0.211	.0261	-0.027	-0.007
1.301	-03.88	-0.040	.0044	-0.010	-0.003
1.302	00.10	-0.009	.0123	-0.022	-0.002
1.303	04.08	0.042	.0003	-0.015	-0.002
1.299	08.11	0.088	-.0031	-0.021	-0.002
1.302	12.14	0.137	-.0035	-0.025	-0.003
1.301	16.17	0.190	-.0062	-0.028	-0.007
2.231	-03.68	-0.022	.0000	-0.009	-0.005
2.240	00.40	0.001	.0015	-0.010	-0.005
2.231	04.31	0.029	.0015	-0.015	-0.004
2.232	08.31	0.057	.0031	-0.018	-0.005
2.228	12.31	0.094	.0063	-0.023	-0.006
2.229	16.42	0.140	.0122	-0.033	-0.008

M	α	C_N	C_m	C_Y	C_n
BVWC		δ=0.5°		β=5.3°	
0.699	-04.15	-0.043	-.0075	-0.011	-0.001
0.700	-00.05	-0.004	.0003	-0.014	-0.002
0.695	03.96	0.037	.0092	-0.015	-0.002
0.700	07.86	0.089	.0165	-0.015	-0.003
0.698	11.96	0.148	.0276	-0.017	-0.004
0.699	15.97	0.222	.0397	-0.014	-0.005
1.302	-03.95	-0.042	-.0003	-0.011	-0.002
1.300	00.15	-0.003	.0019	-0.012	-0.003
1.303	04.06	0.035	.0033	-0.014	-0.004
1.302	08.06	0.083	.0052	-0.014	-0.004
1.301	12.06	0.138	.0092	-0.016	-0.005
1.304	16.12	0.195	.0096	-0.014	-0.008
2.229	-03.65	-0.023	-.0035	-0.010	-0.003
2.229	00.40	0.001	-.0003	-0.011	-0.004
2.229	04.26	0.028	.0047	-0.012	-0.005
2.232	08.31	0.061	.0094	-0.016	-0.005
2.233	12.36	0.096	.0139	-0.020	-0.006
2.232	16.37	0.138	.0196	-0.023	-0.006

M	α	C_N	C_m	C_Y	C_n
BVWC		δ=9.9°		β=5.3°	
0.698	-04.10	-0.042	-.0030	-0.012	-0.004
0.702	-00.05	-0.006	.0061	-0.018	-0.003
0.695	04.00	0.028	.0131	-0.017	-0.003
0.699	07.91	0.082	.0259	-0.012	-0.002
0.700	11.91	0.155	.0322	-0.005	-0.001
0.696	15.87	0.227	.0462	-0.000	-0.001
1.298	-03.81	-0.043	.0071	-0.015	-0.004
1.303	00.10	-0.009	.0087	-0.014	-0.004
1.304	03.96	0.027	.0096	-0.012	-0.003
1.301	08.01	0.084	.0121	-0.009	-0.004
1.301	12.06	0.143	.0158	-0.009	-0.004
1.300	16.02	0.200	.0178	-0.006	-0.006
2.232	-03.70	-0.022	.0020	-0.013	-0.005
2.236	00.40	0.001	.0069	-0.012	-0.005
2.232	04.31	0.028	.0105	-0.012	-0.005
2.232	08.31	0.061	.0130	-0.014	-0.006
2.226	12.31	0.095	.0173	-0.019	-0.006
2.233	16.32	0.133	.0216	-0.020	-0.004

TABLE XV.- TOTAL COEFFICIENTS FOR THE WING

M	α	C_N	C_m	C_b	M	α	C_N	C_m	C_b	M	α	C_N	C_m	C_b
BVW				β=0.0	BVWC		δ=-0.4°		β=0.0°	BVWC		δ=9.6°		β=0.0°
0.701	-04.38	-0.151	.0435	.0775	0.699	-04.23	-0.138	.0439	.0731	0.702	-04.23	-0.154	.0430	.0791
0.702	-00.35	-0.004	.0017	.0018	0.696	-00.20	-0.001	.0007	.0005	0.697	-00.20	-0.013	-.0024	.0034
0.702	03.83	0.166	-.0480	-.0861	0.695	03.73	0.146	-.0450	-.0768	0.698	03.73	0.130	-.0510	-.0728
0.698	07.66	0.339	-.0901	-.1688	0.697	07.66	0.305	-.0910	-.1564	0.701	07.76	0.289	-.0937	-.1451
0.699	11.79	0.534	-.1407	-.2551	0.702	11.74	0.478	-.1363	-.2329	0.695	11.88	0.452	-.1371	-.2210
0.698	15.76	0.721	-.1922	-.3319	0.696	15.72	0.661	-.1878	-.3118	0.697	15.86	0.641	-.1881	-.3033
0.906	03.69	0.180	-.0570	-.0946	0.904	03.73	0.170	-.0591	-.0901	0.906	03.78	0.160	-.0686	-.0911
0.952	03.78	0.213	-.0799	-.1116	0.951	03.77	0.190	-.0732	-.1010	0.953	03.92	0.193	-.0918	-.1077
1.005	03.88	0.201	-.0746	-.1052	1.000	03.88	0.184	-.0729	-.0983	1.005	04.03	0.177	-.0828	-.0984
1.045	03.88	0.188	-.0688	-.0986	1.045	03.88	0.173	-.0677	-.0921	1.048	04.03	0.154	-.0717	-.0856
1.094	03.88	0.183	-.0655	-.0962	1.097	03.88	0.165	-.0621	-.0882	1.100	04.08	0.144	-.0682	-.0812
1.299	-04.13	-0.152	.0564	.0785	1.303	-04.08	-0.132	.0538	.0696	1.297	-04.13	-0.157	.0551	.0799
1.299	-00.05	0.004	-.0003	-.0023	1.303	-00.05	0.002	.0005	-.0012	1.303	-00.15	-0.023	.0014	.0081
1.302	03.88	0.153	-.0541	-.0791	1.302	03.93	0.138	-.0532	-.0727	1.301	03.93	0.120	-.0582	-.0668
1.298	07.81	0.305	-.1085	-.1527	1.299	07.81	0.274	-.1041	-.1400	1.297	07.86	0.257	-.1037	-.1329
1.301	11.89	0.443	-.1576	-.2150	1.301	11.79	0.410	-.1545	-.2023	1.297	11.94	0.398	-.1546	-.1973
1.300	15.91	0.583	-.2074	-.2744	1.299	15.82	0.540	-.2001	-.2585	1.300	15.87	0.530	-.2008	-.2555
1.502	03.78	0.131	-.0457	-.0667	1.497	03.83	0.117	-.0444	-.0605	1.498	03.73	0.097	-.0455	-.0538
1.701	03.73	0.119	-.0416	-.0605	1.695	03.78	0.107	-.0404	-.0556	1.697	03.88	0.093	-.0433	-.0518
1.906	03.93	0.106	-.0348	-.0525	1.903	03.98	0.102	-.0365	-.0526	1.904	04.08	0.097	-.0411	-.0525
2.227	-03.78	-0.061	.0215	.0302	2.227	-03.88	-0.062	.0231	.0313	2.225	-03.78	-0.067	.0219	.0322
2.230	00.30	0.010	-.0028	-.0050	2.230	00.35	-0.013	.0051	.0064	2.228	00.35	-0.006	-.0015	.0005
2.231	04.08	0.094	-.0315	-.0458	2.230	04.28	0.087	-.0307	-.0433	2.228	04.28	0.071	-.0298	-.0377
2.238	08.26	0.168	-.0580	-.0802	2.234	08.26	0.159	-.0557	-.0768	2.235	08.35	0.142	-.0525	-.0700
2.231	12.09	0.231	-.0811	-.1080	2.234	12.24	0.221	-.0785	-.1047	2.235	12.29	0.212	-.0762	-.1010
2.239	16.31	0.307	-.1094	-.1417	2.230	16.17	0.284	-.1020	-.1322	2.232	16.26	0.275	-.1003	-.1291
BV_5W				β=0.0°	BV_5WC		δ=0.4°		β=0.0°	BW				β=0.0°
0.689	-04.33	-0.166	.0502	.0857	0.704	-04.33	-0.146	.0473	.0765	0.698	-04.42	-0.159	.0474	.0822
0.690	-00.25	-0.007	.0045	.0029	0.699	-00.10	-0.001	.0023	.0001	0.700	-00.06	0.015	-.0039	-.0077
0.690	03.83	0.148	-.0398	-.0770	0.698	03.83	0.142	-.0431	-.0761	0.699	03.83	0.174	-.0508	-.0904
0.694	07.56	0.314	-.0811	-.1574	0.699	07.90	0.303	-.0878	-.1552	0.700	07.76	0.350	-.0939	-.1739
0.693	11.74	0.514	-.1326	-.2459	0.702	11.74	0.463	-.1305	-.2258	0.696	11.79	0.538	-.1430	-.2576
0.693	15.76	0.699	-.1828	-.3218	0.702	15.76	0.655	-.1847	-.3083	0.699	15.67	0.720	-.1930	-.3324
0.905	03.69	0.170	-.0514	-.0901	0.906	03.69	0.153	-.0504	-.0827	0.903	03.78	0.200	-.0647	-.1051
0.952	03.73	0.184	-.0600	-.0975	0.954	03.73	0.164	-.0570	-.0888	0.957	03.88	0.225	-.0845	-.1174
0.998	03.83	0.190	-.0685	-.1008	0.995	03.88	0.174	-.0680	-.0938	1.008	00.05	0.023	-.0088	-.0114
1.049	03.83	0.180	-.0650	-.0956	1.047	03.88	0.163	-.0629	-.0875	1.002	03.88	0.205	-.0764	-.1069
1.102	03.88	0.172	-.0592	-.0910	1.097	03.88	0.152	-.0566	-.0824	1.062	03.93	0.190	-.0691	-.0994
1.299	-04.03	-0.148	.0558	.0755	1.300	-04.13	-0.136	.0572	.0704	1.109	03.93	0.192	-.0707	-.0998
1.304	-00.15	-0.004	.0034	.0007	1.300	-00.20	-0.003	.0040	.0010	1.299	-04.18	-0.147	.0530	.0758
1.304	03.69	0.139	-.0483	-.0725	1.299	03.73	0.129	-.0481	-.0687	1.304	-00.10	0.003	-.0004	-.0016
1.299	07.86	0.301	-.1045	-.1518	1.299	07.76	0.275	-.1046	-.1411	1.303	03.83	0.154	-.0551	-.0794
1.299	11.69	0.442	-.1560	-.2151	1.299	11.89	0.415	-.1550	-.2054	1.301	07.81	0.310	-.1097	-.1546
1.300	15.77	0.568	-.2012	-.2691	1.300	15.82	0.541	-.1982	-.2591	1.301	11.84	0.452	-.1608	-.2191
1.502	03.78	0.131	-.0455	-.0670	1.500	03.73	0.112	-.0413	-.0584	1.300	15.87	0.591	-.2107	-.2781
1.699	03.73	0.118	-.0412	-.0600	1.700	03.68	0.104	-.0390	-.0538	1.500	03.78	0.130	-.0452	-.0660
1.905	03.98	0.106	-.0356	-.0527	1.906	03.93	0.094	-.0342	-.0485	1.703	03.73	0.117	-.0406	-.0592
2.231	-03.78	-0.062	.0218	.0306	2.227	-03.83	-0.059	.0219	.0300	1.906	03.93	0.108	-.0360	-.0537
2.231	00.20	0.003	-.0005	-.0015	2.227	00.20	0.004	-.0013	-.0021	2.229	-03.88	-0.069	.0242	.0342
2.227	04.28	0.084	-.0285	-.0413	2.230	04.18	0.082	-.0293	-.0410	2.226	00.25	0.014	-.0044	-.0069
2.231	08.21	0.161	-.0548	-.0768	2.224	08.21	0.147	-.0522	-.0716	2.229	04.13	0.097	-.0329	-.0476
2.234	12.19	0.226	-.0779	-.1058	2.234	12.24	0.217	-.0771	-.1027	2.234	08.26	0.175	-.0601	-.0833
					2.231	16.31	0.280	-.1007	-.1304	2.232	12.24	0.233	-.0820	-.1090
										2.232	16.22	0.305	-.1085	-.1407
BVW				β=5.3°	BVWC		δ=0.5°		β=5.3°	BVWC		δ=9.9°		β=5.3°
0.695	-04.15	-0.190	.0576	.0977	0.699	-04.15	-0.186	.0599	.0978	0.698	-04.10	-0.190	.0559	.0969
0.700	00.05	-0.007	.0047	.0030	0.700	-00.05	-0.015	.0067	.0067	0.702	-00.05	-0.019	.0034	.0075
0.700	04.10	0.164	-.0441	-.0856	0.695	03.96	0.149	-.0424	-.0792	0.695	04.00	0.147	-.0486	-.0795
0.700	07.96	0.354	-.0905	-.1760	0.700	07.86	0.332	-.0920	-.1694	0.699	07.91	0.330	-.0958	-.1615
0.698	11.96	0.532	-.1317	-.2514	0.698	11.96	0.536	-.1485	-.2616	0.700	11.91	0.531	-.1517	-.2579
0.698	15.97	0.706	-.1751	-.3148	0.699	15.97	0.749	-.2135	-.3528	0.696	15.87	0.748	-.2116	-.3463
1.301	-03.88	-0.162	.0597	.0818	1.302	-03.95	-0.161	.0619	.0821	1.298	-03.81	-0.163	.0566	.0814
1.302	00.10	-0.001	.0023	-.0000	1.300	00.15	-0.004	.0030	.0009	1.303	00.10	-0.017	.0049	.0057
1.302	04.01	0.157	-.0539	-.0812	1.303	04.06	0.148	-.0529	-.0782	1.304	03.96	0.129	-.0508	-.0714
1.299	08.11	0.338	-.1206	-.1694	1.302	08.06	0.319	-.1197	-.1629	1.301	08.01	0.309	-.1156	-.1572
1.302	12.14	0.478	-.1675	-.2304	1.301	12.06	0.455	-.1636	-.2225	1.301	12.06	0.450	-.1636	-.2204
1.301	16.17	0.612	-.2192	-.2859	1.304	16.12	0.591	-.2133	-.2793	1.300	16.02	0.587	-.2125	-.2774
2.226	-03.70	-0.078	.0270	.0378	2.229	-03.65	-0.074	.0270	.0363	2.232	-03.70	-0.076	.0252	.0365
2.240	00.40	0.010	-.0031	-.0054	2.229	00.40	0.007	-.0020	-.0034	2.236	00.40	0.003	-.0051	-.0033
2.231	04.31	0.101	-.0341	-.0493	2.229	04.26	0.092	-.0327	-.0457	2.232	04.31	0.091	-.0363	-.0466
2.232	08.31	0.183	-.0623	-.0870	2.232	08.31	0.179	-.0628	-.0863	2.232	08.31	0.175	-.0625	-.0846
2.228	12.31	0.258	-.0891	-.1208	2.233	12.36	0.252	-.0883	-.1187	2.226	12.31	0.248	-.0872	-.1171
2.229	16.42	0.330	-.1159	-.1531	2.232	16.37	0.322	-.1146	-.1501	2.233	16.32	0.321	-.1137	-.1494

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TABLE XVI.- TOTAL COEFFICIENTS FOR THE VERTICAL TAIL

M	α	C_Y	C_n	C_b
BVW			β=0.0°	
0.701	-04.38	-0.004	.0022	.0001
0.702	-00.35	-0.003	.0019	.0001
0.702	03.83	-0.002	.0016	.0001
0.698	07.66	-0.002	.0015	.0001
0.699	11.79	-0.002	.0012	.0001
0.698	15.76	-0.001	.0010	.0001
0.906	03.69	-0.003	.0017	.0001
0.952	03.78	-0.002	.0015	.0001
1.005	03.88	-0.003	.0020	.0001
1.045	03.88	-0.002	.0016	.0001
1.094	03.88	-0.003	.0017	.0001
1.299	-04.13	-0.002	.0013	.0001
1.299	-00.05	-0.001	.0010	.0001
1.302	03.88	-0.001	.0008	.0001
1.298	07.81	-0.001	.0006	.0001
1.301	11.89	-0.000	.0003	.0001
1.300	15.91	-0.000	.0004	.0001
1.502	03.78	-0.001	.0005	.0001
1.701	03.73	-0.001	.0008	.0001
1.906	03.93	-0.001	.0006	.0001
2.227	-03.78	-0.001	.0004	.0001
2.230	00.30	-0.000	.0004	.0001
2.231	04.08	-0.000	.0003	.0001
2.238	08.26	-0.000	.0003	.0001
2.231	12.09	-0.000	.0003	.0001
2.239	16.31	-0.000	.0002	.0001

M	α	C_Y	C_n	C_b
BVWC		δ=-0.4°	β=0.0°	
0.699	-04.23	-0.004	.0025	.0001
0.696	-00.20	-0.003	.0021	.0001
0.695	03.73	-0.003	.0020	.0001
0.697	07.66	-0.003	.0018	.0001
0.702	11.74	-0.002	.0017	.0001
0.696	15.72	-0.002	.0013	.0001
0.904	03.73	-0.003	.0020	.0001
0.951	03.77	-0.003	.0019	.0001
1.000	03.88	-0.003	.0022	.0001
1.045	03.88	-0.003	.0020	.0001
1.097	03.88	-0.003	.0019	.0001
1.303	-04.08	-0.002	.0016	.0001
1.303	-00.05	-0.002	.0013	.0001
1.302	03.93	-0.001	.0011	.0001
1.299	07.81	-0.001	.0008	.0001
1.301	11.79	-0.000	.0004	.0001
1.299	15.82	0.000	.0001	.0001
1.497	03.83	-0.001	.0007	.0001
1.695	03.78	-0.001	.0006	.0001
1.903	03.98	-0.001	.0005	.0001
2.227	-03.88	-0.001	.0005	.0001
2.230	00.35	-0.001	.0005	.0001
2.230	04.28	-0.001	.0004	.0001
2.234	08.26	-0.000	.0004	.0001
2.234	12.24	-0.000	.0003	.0001
2.230	16.17	-0.000	.0003	.0001

M	α	C_Y	C_n	C_b
BVWC		δ= 9.6°	β=0.0°	
0.702	-04.23	-0.004	.0025	.0001
0.697	-00.20	-0.003	.0022	.0001
0.698	03.73	-0.003	.0019	.0001
0.701	07.76	-0.003	.0018	.0001
0.695	11.88	-0.002	.0016	.0001
0.697	15.86	-0.001	.0011	.0001
0.906	03.78	-0.003	.0020	.0001
0.953	03.92	-0.003	.0020	.0001
1.005	04.03	-0.004	.0027	.0001
1.048	04.03	-0.003	.0018	.0001
1.100	04.08	-0.003	.0020	.0001
1.297	-04.13	-0.002	.0015	.0001
1.303	-00.15	-0.002	.0014	.0001
1.301	03.93	-0.002	.0012	.0001
1.297	07.86	-0.001	.0009	.0001
1.297	11.94	-0.001	.0006	.0001
1.300	15.87	0.001	-.0007	.0001
1.498	03.73	-0.001	.0008	.0001
1.697	03.88	-0.001	.0006	.0001
1.904	04.08	-0.001	.0004	.0001
2.225	-03.78	-0.001	.0007	.0001
2.228	00.35	-0.001	.0006	.0001
2.228	04.28	-0.001	.0005	.0001
2.235	08.35	-0.001	.0004	.0001
2.235	12.29	-0.000	.0004	.0001
2.232	16.26	-0.000	.0003	.0001

M	α	C_Y	C_n	C_b
BV_sW			β=0.0°	
0.689	-04.33	-0.033	.0181	.0001
0.690	-00.25	-0.034	.0185	.0001
0.690	03.83	-0.033	.0183	.0001
0.694	07.56	-0.034	.0184	.0001
0.693	11.74	-0.034	.0187	.0001
0.693	15.76	-0.034	.0187	.0001
0.905	03.69	-0.035	.0190	.0001
0.952	03.73	-0.036	.0198	.0001
0.998	03.83	-0.038	.0218	.0001
1.049	03.83	-0.037	.0210	.0001
1.102	03.88	-0.036	.0203	.0001
1.299	-04.03	-0.031	.0176	.0001
1.304	-00.15	-0.029	.0168	.0001
1.304	03.69	-0.028	.0163	.0001
1.299	07.86	-0.028	.0162	.0001
1.299	11.69	-0.027	.0156	.0001
1.300	15.77	-0.025	.0145	.0001
1.502	03.78	-0.025	.0146	.0001
1.699	03.73	-0.022	.0129	.0001
1.905	03.98	-0.019	.0111	.0001
2.231	-03.78	-0.019	.0111	.0001
2.231	00.20	-0.017	.0099	.0001
2.227	04.28	-0.015	.0090	.0001
2.231	08.21	-0.015	.0085	.0001
2.234	12.19	-0.013	.0077	.0001

M	α	C_Y	C_n	C_b
BV_sWC		δ=0.4°	β=0.0°	
0.704	-04.33	-0.032	.0175	.0001
0.699	-00.10	-0.032	.0174	.0001
0.698	03.83	-0.032	.0175	.0001
0.699	07.90	-0.033	.0180	.0001
0.702	11.74	-0.033	.0182	.0001
0.702	15.76	-0.031	.0174	.0001
0.906	03.69	-0.034	.0185	.0001
0.954	03.73	-0.035	.0189	.0001
0.995	03.88	-0.037	.0208	.0001
1.047	03.88	-0.037	.0210	.0001
1.097	03.88	-0.035	.0202	.0001
1.300	-04.13	-0.031	.0177	.0001
1.300	-00.20	-0.029	.0170	.0001
1.299	03.73	-0.029	.0170	.0001
1.299	07.76	-0.029	.0169	.0001
1.299	11.89	-0.028	.0163	.0001
1.300	15.82	-0.025	.0147	.0001
1.500	03.73	-0.025	.0145	.0001
1.700	03.68	-0.022	.0130	.0001
1.906	03.93	-0.019	.0111	.0001
2.227	-03.83	-0.019	.0108	.0001
2.227	00.20	-0.017	.0098	.0001
2.230	04.18	-0.015	.0089	.0001
2.224	08.21	-0.014	.0082	.0001
2.234	12.24	-0.012	.0073	.0001
2.231	16.31	-0.010	.0061	.0001

M	α	C_Y	C_n	C_b
BV			β=0.0°	
0.700	-04.28	-0.003	.0022	.0001
0.701	-00.25	-0.003	.0017	.0001
0.700	03.73	-0.002	.0015	.0001
0.700	07.76	-0.002	.0013	.0001
0.697	11.74	-0.002	.0012	.0001
0.699	15.72	-0.001	.0010	.0001
0.904	03.78	-0.002	.0014	.0001
0.954	03.83	-0.003	.0018	.0001
1.004	03.93	-0.001	.0010	.0001
1.054	03.93	-0.001	.0011	.0001
1.097	04.03	-0.002	.0011	.0001
1.301	-04.13	-0.002	.0017	.0001
1.301	-00.20	-0.002	.0012	.0001
1.302	03.93	-0.001	.0010	.0001
1.303	07.86	-0.002	.0013	.0001
1.303	11.94	-0.001	.0008	.0001
1.303	15.82	-0.000	.0002	.0001
1.499	03.83	-0.001	.0010	.0001
1.704	03.83	-0.001	.0009	.0001
1.903	03.98	-0.001	.0008	.0001
2.225	-03.78	-0.002	.0011	.0001
2.237	00.25	-0.002	.0012	.0001
2.235	04.23	-0.002	.0011	.0001
2.230	08.21	-0.001	.0006	.0001
2.234	12.24	-0.001	.0008	.0001
2.220	16.22	-0.001	.0005	.0001

M	α	C_Y	C_n	C_b
BVC		δ=-0.1°	β=0.0°	
0.701	-04.08	-0.003	.0022	.0001
0.695	-00.25	-0.003	.0017	.0001
0.697	03.78	-0.002	.0015	.0001
0.695	07.81	-0.002	.0011	.0001
0.697	11.79	-0.001	.0010	.0001
0.699	15.67	-0.001	.0007	.0001
0.902	03.73	-0.002	.0016	.0001
0.956	03.83	-0.002	.0013	.0001
0.999	03.93	-0.002	.0015	.0001
1.049	03.93	-0.002	.0011	.0001
1.101	03.93	-0.001	.0010	.0001
1.303	-04.18	-0.002	.0015	.0001
1.303	-00.15	-0.002	.0012	.0001
1.304	03.73	-0.001	.0010	.0001
1.304	07.86	-0.001	.0009	.0001
1.305	11.94	-0.001	.0010	.0001
1.302	15.87	-0.001	.0009	.0001
1.498	03.78	-0.001	.0006	.0001
1.702	03.73	-0.001	.0007	.0001
1.912	04.03	-0.001	.0005	.0001
2.229	-03.68	-0.002	.0015	.0001
2.229	00.35	-0.002	.0015	.0001
2.230	04.42	-0.002	.0015	.0001
2.233	08.21	-0.002	.0014	.0001
2.227	12.19	-0.002	.0012	.0001
2.230	16.22	-0.002	.0012	.0001

M	α	C_Y	C_n	C_b
BVC		δ=9.7°	β=0.0°	
0.699	-04.28	-0.003	.0021	.0001
0.697	-00.06	-0.003	.0017	.0001
0.698	03.83	-0.002	.0015	.0001
0.696	07.85	-0.002	.0016	.0001
0.699	11.79	-0.002	.0013	.0001
0.696	15.72	-0.001	.0009	.0001
0.901	03.73	-0.002	.0016	.0001
0.954	03.73	-0.002	.0015	.0001
1.003	03.88	-0.002	.0018	.0001
1.047	03.93	-0.002	.0012	.0001
1.101	03.79	-0.002	.0011	.0001
1.301	-04.13	-0.002	.0016	.0001
1.305	-00.10	-0.002	.0014	.0001
1.304	04.03	-0.002	.0013	.0001
1.305	07.91	-0.001	.0010	.0001
1.303	11.89	-0.002	.0012	.0001
1.302	15.87	-0.000	.0005	.0001
1.502	03.83	-0.002	.0011	.0001
1.697	03.78	-0.002	.0011	.0001
1.904	03.98	-0.001	.0008	.0001
2.228	-03.88	-0.001	.0006	.0001
2.224	00.25	-0.001	.0007	.0001
2.231	04.18	-0.001	.0008	.0001
2.224	08.21	-0.001	.0007	.0001
2.236	12.24	-0.001	.0006	.0001
2.233	16.22	-0.001	.0007	.0001

M	α	C_Y	C_n	C_b
BV_s			β=0.0°	
0.698	-04.28	-0.033	.0181	.0001
0.697	-00.35	-0.031	.0171	.0001
0.699	03.92	-0.030	.0166	.0001
0.700	07.81	-0.031	.0170	.0001
0.698	11.83	-0.030	.0164	.0001
0.701	15.72	-0.029	.0158	.0001
0.902	03.78	-0.030	.0164	.0001
0.953	03.78	-0.030	.0168	.0001
1.000	03.88	-0.031	.0175	.0001
1.053	03.88	-0.030	.0169	.0001
1.104	03.88	-0.030	.0170	.0001
1.299	-04.13	-0.031	.0180	.0001
1.302	-00.15	-0.029	.0169	.0001
1.303	03.88	-0.028	.0162	.0001
1.303	07.96	-0.028	.0159	.0001
1.304	12.03	-0.028	.0163	.0001
1.306	15.82	-0.026	.0150	.0001
1.503	03.78	-0.025	.0144	.0001
1.704	03.73	-0.023	.0134	.0001
1.905	03.93	-0.021	.0124	.0001
2.234	-03.73	-0.017	.0100	.0001
2.234	00.25	-0.018	.0103	.0001
2.235	04.28	-0.018	.0103	.0001
2.224	08.26	-0.018	.0107	.0001
2.231	12.29	-0.018	.0104	.0001
2.227	16.26	-0.015	.0086	.0001

TABLE XVI.- TOTAL COEFFICIENTS FOR THE VERTICAL TAIL - Concluded

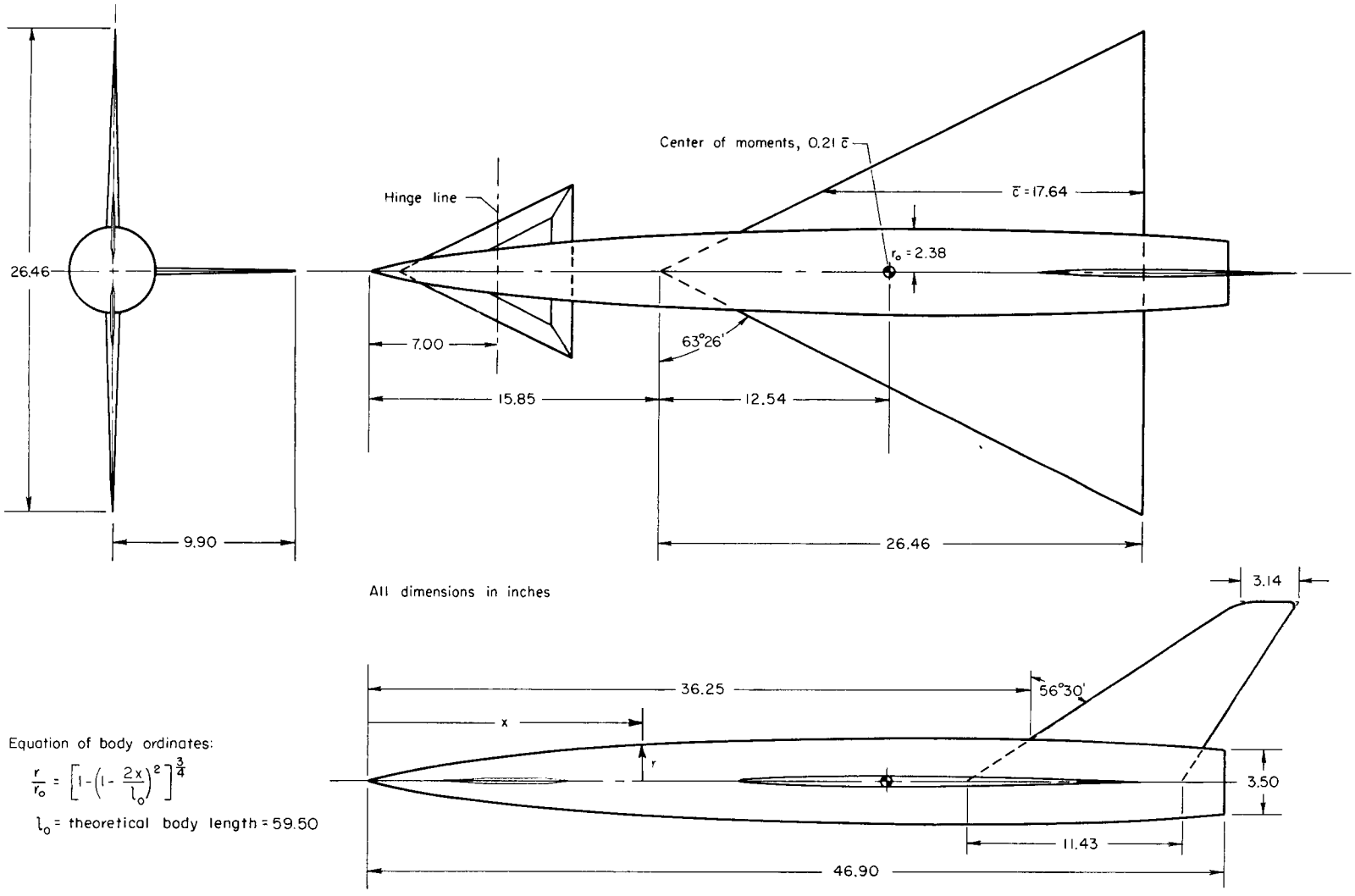
M	α	C_Y	C_n	C_b
BV_5C		δ=-0.1°	β=0.0°	
0.692	-04.38	-0.030	.0166	.0001
0.700	-00.25	-0.030	.0164	.0001
0.696	03.78	-0.030	.0162	.0001
0.695	07.76	-0.029	.0161	.0001
0.697	11.74	-0.028	.0153	.0001
0.695	15.67	-0.024	.0128	.0001
0.901	03.83	-0.031	.0168	.0001
0.952	03.87	-0.031	.0172	.0001
1.059	04.03	-0.031	.0177	.0001
1.100	04.03	-0.031	.0176	.0001
1.302	-04.08	-0.029	.0167	.0001
1.303	-00.25	-0.028	.0160	.0001
1.302	03.78	-0.027	.0158	.0001
1.304	07.91	-0.027	.0156	.0001
1.302	11.89	-0.027	.0154	.0001
1.302	15.82	-0.025	.0142	.0001
1.501	03.78	-0.025	.0147	.0001
1.705	03.73	-0.023	.0133	.0001
1.915	04.03	-0.020	.0119	.0001
2.230	-03.68	-0.017	.0101	.0001
2.230	00.30	-0.018	.0105	.0001
2.227	04.28	-0.018	.0107	.0001
2.234	08.16	-0.018	.0106	.0001
2.230	12.29	-0.018	.0104	.0001
2.231	16.22	-0.014	.0079	.0001
BVWC		δ=9.9°	β=5.3°	
0.698	-04.10	-0.039	.0213	.0001
0.702	-00.05	-0.038	.0206	.0001
0.695	04.00	-0.037	.0200	.0001
0.699	07.91	-0.039	.0210	.0001
0.700	11.91	-0.036	.0204	.0001
0.696	15.87	-0.038	.0227	.0001
1.298	-03.81	-0.039	.0220	.0001
1.303	00.10	-0.036	.0207	.0001
1.304	03.96	-0.033	.0189	.0001
1.301	08.01	-0.030	.0169	.0001
1.301	12.06	-0.020	.0126	.0001
1.300	16.02	-0.017	.0140	.0001
2.232	-03.70	-0.023	.0133	.0001
2.236	00.40	-0.020	.0116	.0001
2.232	04.31	-0.018	.0106	.0001
2.232	08.31	-0.016	.0098	.0001
2.226	12.31	-0.011	.0072	.0001
2.233	16.32	-0.008	.0056	.0001

M	α	C_Y	C_n	C_b
BVW			β=5.3°	
0.695	-04.15	-0.039	.0211	.0001
0.700	00.05	-0.038	.0203	.0001
0.700	04.10	-0.036	.0194	.0001
0.700	07.96	-0.036	.0194	.0001
0.698	11.96	-0.037	.0201	.0001
0.698	15.97	-0.036	.0199	.0001
1.301	-03.88	-0.038	.0215	.0001
1.302	00.10	-0.036	.0205	.0001
1.302	04.01	-0.033	.0189	.0001
1.301	16.17	-0.023	.0142	.0001
1.299	08.11	-0.030	.0170	.0001
1.302	12.14	-0.026	.0152	.0001
2.226	-03.70	-0.024	.0137	.0001
2.240	00.40	-0.022	.0127	.0001
2.231	04.31	-0.019	.0114	.0001
2.232	08.31	-0.016	.0098	.0001
2.228	12.31	-0.014	.0084	.0001
2.229	16.42	-0.008	.0055	.0001

M	α	C_Y	C_n	C_b
BVWC		δ=0.5°	β=5.3°	
0.699	-04.15	-0.040	.0215	.0001
0.700	-00.05	-0.039	.0215	.0001
0.695	03.96	-0.039	.0215	.0001
0.700	07.86	-0.037	.0206	.0001
0.698	11.96	-0.032	.0190	.0001
0.699	15.97	-0.026	.0179	.0001
1.302	-03.95	-0.038	.0218	.0001
1.300	00.15	-0.036	.0207	.0001
1.303	04.06	-0.033	.0190	.0001
1.302	08.06	-0.029	.0170	.0001
1.301	12.06	-0.017	.0114	.0001
1.304	16.12	-0.008	.0072	.0001
2.229	-03.65	-0.024	.0135	.0001
2.229	00.40	-0.021	.0120	.0001
2.229	04.26	-0.019	.0108	.0001
2.232	08.31	-0.016	.0095	.0001
2.233	12.36	-0.011	.0072	.0001
2.232	16.37	-0.009	.0058	.0001

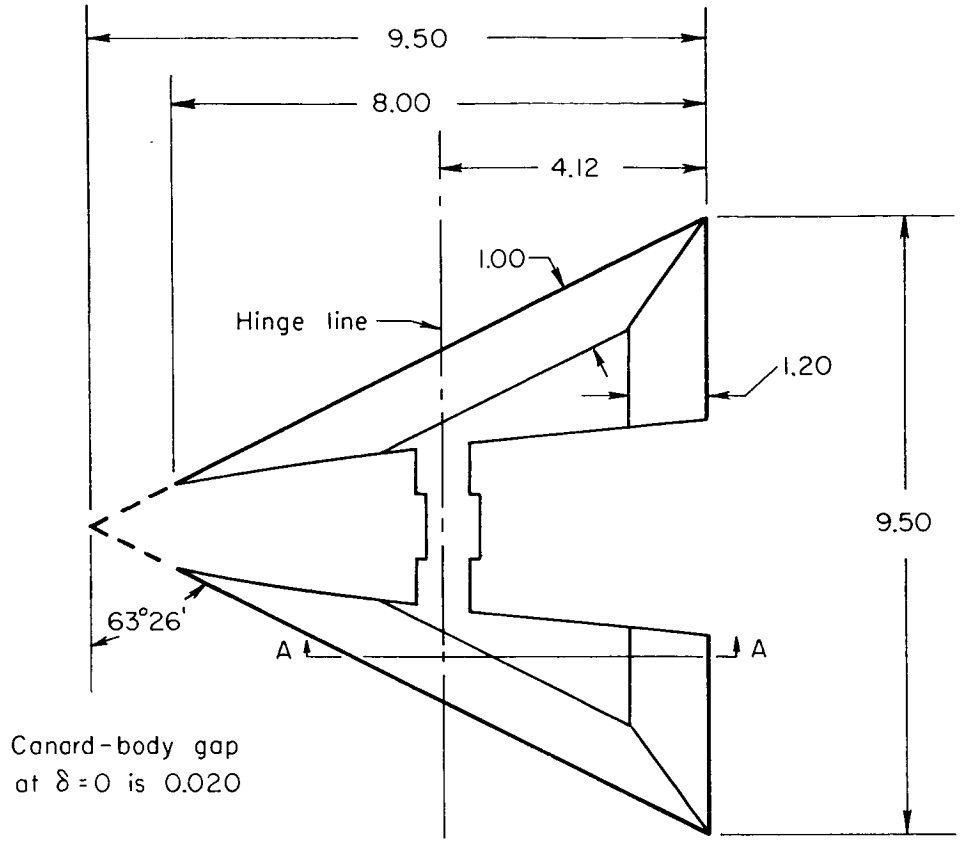
A 4 1 7

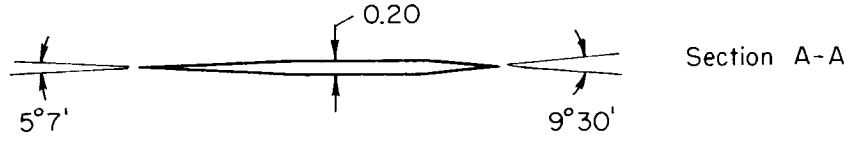
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(a) Dimensional sketch of complete model.

Figure 1.- Model details and dimensions.

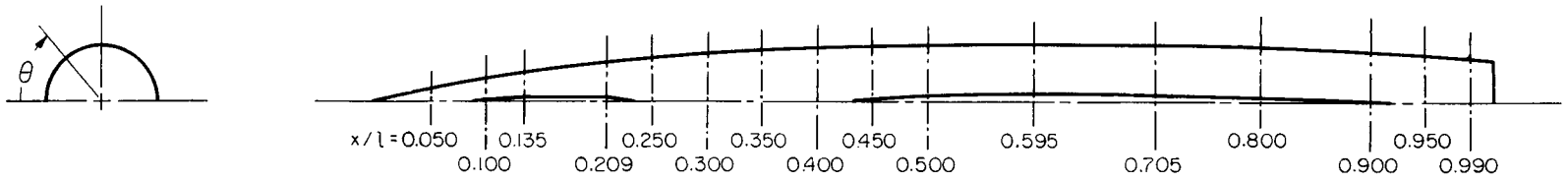




(b) Details of canard.

Figure 1.- Concluded.

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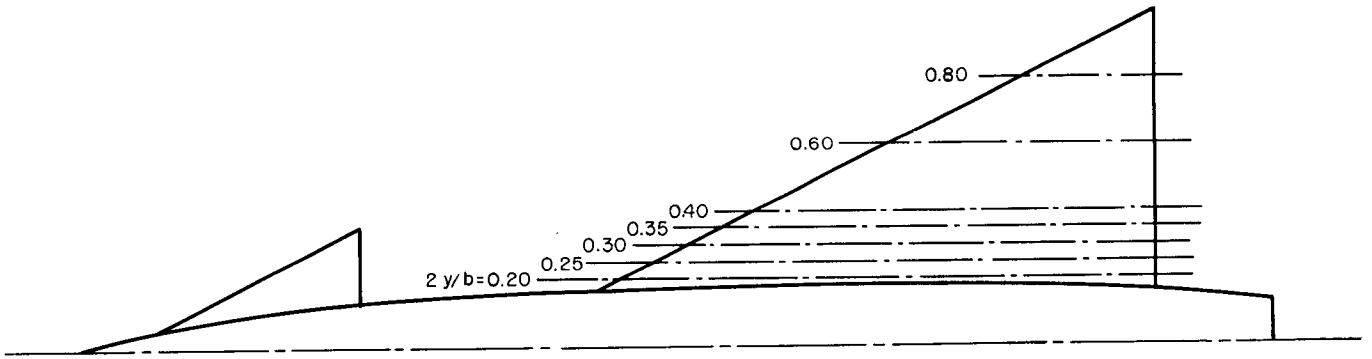


At each longitudinal body station orifices are located peripherally as follows:

$\theta/2\pi = 0.05$
.15
.25
.35
.45
.55
.65
.75
.85
.95

(a) Body.

Figure 2.- Locations of pressure orifices.



Wing orifice locations													
2y/b = 0.20		2y/b = 0.25		2y/b = 0.30		2y/b = 0.35		2y/b = 0.40		2y/b = 0.60		2y/b = 0.80	
$(x/c)_u$	$(x/c)_l$	$(x/c)_u$	$(x/c)_l$	$(x/c)_u$	$(x/c)_l$	$(x/c)_u$	$(x/c)_l$	$(x/c)_u$	$(x/c)_l$	$(x/c)_u$	$(x/c)_l$	$(x/c)_u$	$(x/c)_l$
0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	
.0250	.0250	.0250	.0250	.0250	.0250	.0250	.0250	.0250	.0250	.0250	.0250	.0250	
.0500	.0500	.0500	.0500	.0500	.0500	.0500	.0500	.0500	.0500	.0500	.0500		0.0420
.0750	.0750	.0750	.0750	.0750	.0750	.0750	.0750	.0750	.0750	.0750	.0750	.0500	
.1000	.1000	.1000	.1000	.1000	.1000	.1000	.1000	.1000	.1000	.1000	.1000		.0640
.1500	.1500	.1500	.1500	.1500	.1500	.1500	.1500	.1500	.1500	.1500	.1500	.0750	
.2000	.2000	.2000	.2000	.2000	.2000	.2000	.2000	.2000	.2000	.2000	.2000		.0810
.3000	.3000	.3000	.3000	.3000	.3000			.3000	.3000	.3000	.3000	.1000	.1000
.4000	.4000	.4000	.4000	.4000	.4000			.4000	.4000	.4000	.4000	.1500	.1500
.5000	.5000	.5000	.5000	.5000	.5000			.5000	.5000	.5000	.5000	.2000	.2000
.6000	.6000	.6000	.6000	.6000	.6000			.6000	.6000	.6000	.6000	.3000	.3000
.7000	.7000	.7000	.7000	.7000	.7000			.7000	.7000	.7000	.7000	.4000	.4000
.8000	.8000	.8000	.8000	.8000	.8000			.8000	.8000	.8000	.8000	.5000	.5000
.9000	.9000	.9000	.9000	.9000	.9000			.9000	.9000	.9000	.9000	.6000	.6000
												.7000	.7000
												.8000	.8000
												.9000	.9000

(b) Wing.

Figure 2.- Continued.

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Vertical-tail orifice locations									
y/b = 0.25		y/b = 0.40		y/b = 0.55		y/b = 0.70		y/b = 0.85	
$(x/c)_L$	$(x/c)_R$	$(x/c)_L$	$(x/c)_R$	$(x/c)_L$	$(x/c)_R$	$(x/c)_L$	$(x/c)_R$	$(x/c)_L$	$(x/c)_R$
0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125		0.0125
.0250	.0250	.0250	.0250	.0250	.0250	.0250	.0250	0.0250	.0250
.0500	.0500	.0500	.0500	.0500	.0500	.0500	.0500	.0500	.0500
.0750	.0750	.0750	.0750	.0750	.0750	.0750	.0750	.0750	.0750
.1000	.1000	.1000	.1000	.1000	.1000	.1000	.1000	.1000	.1000
.1500	.1500	.1500	.1500	.1500	.1500	.1500	.1500	.1500	.1500
.2000	.2000	.2000	.2000	.2000	.2000	.2000	.2000	.2000	.2000
.3000	.3000	.3000	.3000	.3000	.3000	.3000	.3000	.3000	.3000
.4000	.4000	.4000	.4000	.4000	.4000	.4000	.4000	.4000	.4000
.5000	.5000	.5000	.5000	.5000	.5000	.5000	.5000	.5000	.5000
.6000	.6000	.6000	.6000	.6000		.6000	.6000	.6000	.6000
.7000	.7000	.7000	.7000		.6170	.7000	.7000	.7000	
.8000	.8000	.8000	.8000	.7000	.7000	.8000	.8000		.7100
.9000	.9000	.9000	.9000	.8000	.8000	.9000	.9000	.8000	
				.9000	.9000				.8100
								.9000	.9000

(c) Vertical tail.

Figure 2.- Concluded.