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PRESSURE DISTRIBUTIONS ON A RECTANGULAR ASPECT-RATIO-6, SLOTTED SUPERCRITICAL AIRFOIL WING WITH EXTERNALLY BLOWN FLAPS

William G. Johnson, Jr.

Langley Research Center
Hampton, Va. 23665

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16. Abstract

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SUMMARY

An investigation was made in the 5.18-m (17 ft) test section of the Langley 300-MPH 7- by 10-foot tunnel on a rectangular, aspect-ratio-6 wing which had a slotted supercritical airfoil section and externally blown flaps. The 13-percent-thick wing was fitted with two high-lift flap systems: single slotted and double slotted. The designations single slotted and double slotted do not include the slot which exists near the trailing edge of the basic slotted supercritical airfoil. The single-slotted flap was 40 percent of the wing chord and was set at a deflection angle of 40°. The double-slotted flap was a 40-percent-chord plain flap with a 15-percent-chord vane and was set at deflection angles from 50° to 70°. All flap configurations were tested with a wing leading-edge slat set at various nose-down angles (0° to 60°) measured from the wing chord line. Tests were made over an angle-of-attack range of -6° to 20° and a thrust-coefficient range up to 1.94 for a free-stream dynamic pressure of 526.7 Pa $(11.0\ lb/ft^2)$.

The results of the investigation are presented as curves and tabulations of the chordwise pressure distributions at the midsemispan station for the wing and each flap element. The data are presented without analysis as a supplement to previously published aerodynamic force and pitching-moment data.

INTRODUCTION

Research reported in reference 1 has shown that special contoured airfoils (supercritical airfoils) can provide considerable improvement in the lift and drag characteristics of aircraft at transonic speeds. The unpowered investigations of references 2 and 3 were undertaken to study the low-speed aerodynamic characteristics of several high-lift flap systems on a rectangular, aspect-ratio-6, slotted supercritical airfoil wing. The results indicated that several of the high-lift flap systems were quite suitable for use on a supercritical wing. Some of the more effective of these high-lift flap configurations were used in the present investigation to determine what effect external blowing over the flaps from

wing-mounted engines would have on the low-speed longitudinal aerodynamic characteristics. Pressures were measured on each segment of the wing-flap system at the mid-semispan station. Aerodynamic force and pitching-moment measurements for this model are presented in reference 4. In order to supplement these data, pressure distribution measurements on the wing and flap system are presented in the present paper for all configurations tested.

The investigation was conducted in the 5.18-m (17 ft) test section of the Langley 300-MPH 7- by 10-foot tunnel. The data were obtained through an angle-of-attack range of -6° to 20° at thrust coefficients up to 1.94. For two of the flap configurations, the effect of the vertical location of the thrust center line on the aerodynamics was determined.

SYMBOLS

A sketch of the axis system used in this investigation, showing the positive directions of forces and angles, is presented in figure 1. Longitudinal forces are referred to the stability-axis system.

The physical quantities in this paper are given in both the International System of Units (SI) and U.S. Customary Units. Measurements and calculations were made in U.S. Customary Units. Factors relating these two systems of units are presented in reference 5. (Also, see appendix A.) The symbols and coefficients used are defined as follows:

b	wing span, m (ft)
C_p	pressure coefficient, $\frac{p_l - p_\infty}{q_\infty}$
C_T	total engine reference-thrust coefficient, $\frac{T}{q_\infty S}$
c	chord, m (ft)
c_1	portion of basic wing ahead of slot (0.858c) and portion of basic wing ahead of various flap configurations (0.75c), m (ft) (see table II)
c_2	chord of flap leading portion, m (ft) (see table II)
c_3	chord of basic airfoil segment aft of slot; also chord of trailing portion of flaps aft of slot (same as for basic wing), m (ft) (see table II)

c_4	chord of leading-edge slat, m (ft) (see table II)
c_5	chord of flap vane, m (ft) (see table II)
F_A	axial force, Pa (lb/ft^2)
F_N	normal force, Pa (lb/ft^2)
M_Y	pitching moment, N-m (ft-lb)
p_l	local static pressure, Pa (lb/ft^2)
p_∞	free-stream static pressure, Pa (lb/ft^2)
q_∞	free-stream dynamic pressure, Pa (lb/ft^2)
S	wing area, m^2 (ft^2)
T	total reference thrust, N (lb)
X, Y, Z	model body axes
x	distance along chord of selected wing or flap element, m (ft) (see tables I and II)
y_l	lower surface ordinate
y_u	upper surface ordinate
z_T	distance from wing reference plane to center line of thrust, measured at gas-generator nozzle-exit plane, m (ft)
α	angle of attack of wing chord line (also of fuselage center line), deg
δ	undeflected thrust angle, deg
δ_f	flap deflection measured from wing chord line, deg

δ_s leading-edge-slat deflection measured from wing chord line, deg

δ_v deflection of vane of double-slotted flap measured from wing chord line, deg

MODEL AND APPARATUS

The investigation was conducted on the rectangular, aspect-ratio-6, slotted supercritical airfoil wing model shown in figure 2. The basic supercritical wing was fitted with two high-lift flap systems: single slotted and double slotted. The designations single slotted and double slotted do not include the slot which exists near the trailing edge of the basic slotted supercritical airfoil. The single-slotted flap system consisted of the aft 40 percent of the basic airfoil. The flap had a 0.375-flap-chord nose similar to the leading edge of a modified NACA 4415 airfoil fitted to the basic slotted supercritical airfoil ordinates at the 0.75-wing-chord station. The double-slotted flap system was formed by adding a 0.15-wing-chord vane (St. Cyr 156 airfoil) ahead of the plain 40-percent-wing-chord flap. The dimensional characteristics of the wing and flap configurations are shown in figures 2(a) and 2(b). The flap deflections were set at the angles indicated in figure 2(b) by use of fixed brackets. The wing was also fitted with a 15-percent-wing-chord leading-edge slat which had a St. Cyr 156 airfoil. The coordinates of the airfoil and various flap components are presented in tables I and II. The basic wing was constructed of solid aluminum, and the various flap and slat components were constructed of steel. Each component of the wing-flap-slat system had pressure orifice tubes installed at the mid-semispan station of the left wing panel. The pressure contours were measured through the use of scanner valve transducers. The chordwise locations of the pressure orifices are given in tables III and IV.

A schematic drawing of the ejector-type engine simulator is presented in figure 3. The thrust for the fan portion of the engine is produced by the combination of flow from a set of primary nozzles and an induced secondary flow of ambient air which comes through the simulator inlet. The gas-generator flow is simulated with a simple jet nozzle. The engine simulators were modified from existing ejector units (ref. 6) to provide cold exit flow conditions representative of an engine with a bypass ratio of 3.5. No attempt was made to simulate the inlet mass-flow ratio. Independent controls for the high-pressure air supply were available on each section of the engine simulator to enable these flows to be balanced between the fan and gas-generator stages. In addition, independent control of the two engines was provided. Pylons were constructed in order to locate the intersection of the thrust center line and the gas-generator nozzle-exit plane at three vertical locations below the wing reference chord plane. (See fig. 4.)

The model had a minimum-size body to provide an aerodynamic housing for the strain-gage balance, angle-of-attack indicator, pressure-measuring scanner valves, and high-pressure air supply lines and control valves. The body was a fiberglass-resin shell, 0.24-cm (0.094 in.) thick, which was attached directly to the balance mounting block. The body was larger and of a different cross section than the body in the unpowered tests of this model (refs. 2 and 3) to provide the additional volume needed for the air supply system. Photographs of the model are presented in figures 5(a), 5(b), and 5(c).

TESTS AND PROCEDURES

The model was mounted on a six-component strain-gage balance in the 5.18-m (17 ft) test section of the Langley 300-MPH 7- by 10-foot tunnel. The range of free-stream dynamic pressure tested was from 287.3 Pa (6.0 lb/ft^2) to 526.7 Pa (11.0 lb/ft^2). The resulting Reynolds numbers ranged from approximately 0.33×10^6 to 0.61×10^6, based on the wing geometric chord of 30.48 cm (12 in.). In tests reported in references 2 and 3, transition strips were used on the wing to insure turbulent flow over the entire wing. At the much lower Reynolds numbers of the present investigation, turbulent flow would not likely be maintained even with the use of transition strips. Therefore, the transition strips were not used on the model.

Since blockage, slipstream contraction, and tunnel-wall effects have been found to be small for models of this size in the 5.18-m (17 ft) test section (ref. 7), no corrections for these effects have been applied to the data.

The single-slotted flap was tested at 40° with the leading-edge slat at 40° and 50°, whereas the double-slotted flap was tested at 50°, 60°, and 70° with the leading-edge slat at 40° and 60°. All the deflection angles were measured from the wing chord line. Most of the tests were made over an angle-of-attack range of -6° to 20° and a range of total reference-thrust coefficients up to 1.94 for a free-stream dynamic pressure of 526.7 Pa (11.0 lb/ft^2). A few tests were made at lower values of free-stream velocity to study the effects of changing the free-stream dynamic pressure. These tests resulted in total reference-thrust coefficient values up to 3.59. Pressure distributions were measured on the wing and each element of the flap at the midsemispan station of the left wing.

In preparation for the present tests, single-engine static calibrations were made to determine the reference thrust and mass flows for each engine section as a function of drive air pressure. Independent valving on the air line to each engine section provided control over the mass flows required to simulate the desired bypass ratio of about 3.5 (bypass ratio is defined as the ratio of total fan-exit mass flow to total gas-generator-exit mass flow). The range of thrust coefficients could then be obtained by varying the

pressure of the main air supply line. The final calibrations for each section of each engine provided total computed values for mass flow and thrust to within 2 percent of independently measured total mass flow and thrust for all test conditions and engine configurations.

PRESENTATION OF DATA

The data from this investigation are presented in appendixes B to M as plots of pressure coefficient as a function of chordwise station on each element of the high-lift system. The plots are presented in a coarse form intended to show only gross trends of the data as the angle of attack is increased. For better definition of the pressure distributions, the same data are presented in tabular form following the related plots.

The various appendixes group the data according to configuration as follows:

	Appendix
Flaps retracted, $\delta_f = 0^o$, slat off	B
Flaps retracted, $\delta_f = 0^o$, $\delta_s = 40^o$	C
Single-slotted flap, $\delta_f = 40^o$, $\delta_s = 40^o$:	
Short pylon	D
Medium pylon	E
Long pylon	F
Single-slotted flap, $\delta_f = 40^o$, $\delta_s = 50^o$	G
Double-slotted flap, $\delta_f = 50^o$, $\delta_s = 40^o$	H
Double-slotted flap, $\delta_f = 50^o$, $\delta_s = 60^o$	I
Double-slotted flap, $\delta_f = 60^o$, $\delta_s = 40^o$:	
Short pylon	J
Medium pylon	K
Long pylon	L
Double-slotted flap, $\delta_f = 70^o$, $\delta_s = 40^o$	M

These data are presented without analysis as a supplement to the force and moment data previously presented in reference 4.

CONCLUDING REMARKS

A wind-tunnel investigation was conducted in the 5.18-m (17 ft) test section of the Langley 300-MPH 7- by 10-foot tunnel. The purpose of this investigation was to

determine what effect external blowing over the flaps from wing-mounted engines would have on the low-speed longitudinal aerodynamic characteristics of a rectangular, aspect-ratio-6, slotted supercritical airfoil wing. The data are presented without analysis as a supplement to previously published force and moment data in NASA Technical Memorandum X-2388.

Langley Research Center
National Aeronautics and Space Administration
Hampton, Va. 23665
January 23, 1976

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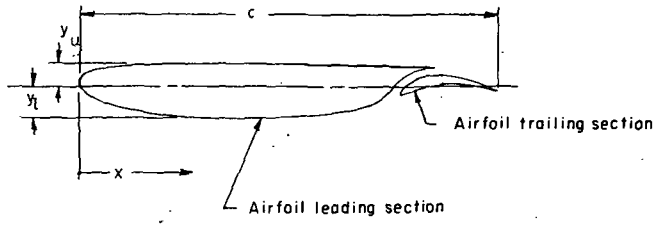
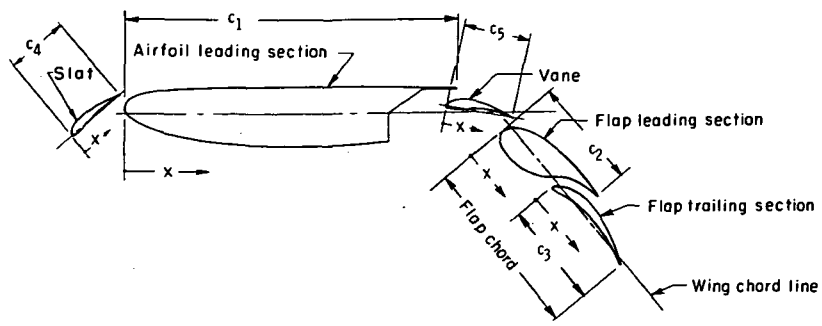
TABLE I.- BASIC-WING COORDINATES



c = 30.48 cm (12.00 in.)

Airfoil leading section			Airfoil trailing section		
x/c	y_u/c	y_l/c	x/c	y_u/c	y_l/c
0	0.0146	0.0146	0.7630	-0.0195	-0.0195
.0010	.0220	.0074	.7640	-.0158	-.0215
.0020	.0248	.0045	.7660	-.0120	-.0215
.0040	.0288	.0005	.7680	-.0090	-.0210
.0060	.0310	-.0022	.7700	-.0063	-.0200
.0080	.0340	-.0050	.7740	-.0011	-.0181
.0100	.0356	-.0070	.7780	.0031	-.0160
.0140	.0383	-.0105	.7820	.0068	-.0145
.0180	.0402	-.0140	.7860	.0100	-.0130
.0220	.0420	-.0172	.7900	.0129	-.0115
.0260	.0435	-.0197	.7980	.0176	-.0087
.0340	.0458	-.0250	.8060	.0212	-.0062
.0420	.0476	-.0285	.8140	.0237	-.0043
.0500	.0490	-.0322	.8220	.0254	-.0025
.0600	.0505	-.0357	.8300	.0263	-.0010
.0700	.0515	-.0387	.8380	.0267	.0007
.0800	.0525	-.0417	.8460	.0266	.0017
.0900	.0532	-.0440	.8540	.0263	.0028
.1000	.0540	-.0465	.8620	.0259	.0037
.1200	.0551	-.0510	.8700	.0252	.0045
.1400	.0560	-.0547	.8780	.0244	.0053
.1625	.0563	-.0580	.8860	.0235	.0060
.1775	.0573	-.0605	.8940	.0225	.0065
.2000	.0578	-.0628	.9020	.0213	.0072
.2400	.0586	-.0660	.9100	.0203	.0078
.2800	.0592	-.0680	.9180	.0187	.0080
.3200	.0596	-.0698	.9260	.0173	.0081
.3600	.0599	-.0700	.9340	.0155	.0075
.4000	.0600	-.0708	.9420	.0135	.0065
.4400	.0600	-.0702	.9500	.0115	.0050
.4800	.0600	-.0685	.9580	.0090	.0033
.5200	.0599	-.0665	.9660	.0062	.0010
.5600	.0595	-.0638	.9740	.0030	-.0013
.6000	.0590	-.0600	.9820	-.0005	-.0040
.6200	.0589	-.0575	.9860	-.0023	-.0055
.6400	.0585	-.0547	.9900	-.0040	-.0070
.6500	.0583	-.0532	.9940	-.0058	-.0085
.6600	.0581	-.0513	1.0000	-.0087	-.0110
.6660	.0580	-.0500			
.6720	.0578	-.0485			
.6780	.0576	-.0473			
.6840	.0575	-.0455			
.6900	.0573	-.0435			
.6960	.0571	-.0420			
.7020	.0568	-.0397			
.7080	.0566	-.0375			
.7140	.0563	-.0345			
.7200	.0560	-.0313			
.7260	.0557	-.0275			
.7320	.0554	-.0230			
.7380	.0551	-.0179			
.7440	.0548	-.0101			
.7500	.0545	.0001			
.7560	.0542	.0085			
.7620	.0538	.0154			
.7680	.0535	.0212			
.7740	.0531	.0261			
.7800	.0528	.0303			
.7860	.0524	.0338			
.7920	.0520	.0369			
.7980	.0515	.0395			
.8040	.0511	.0416			
.8108	.0507	.0433			
.8160	.0503	.0446			
.8220	.0498	.0456			
.8280	.0494	.0462			
.8340	.0489	.0465			
.8400	.0484	.0465			
.8460	.0480	.0463			
.8520	.0475	.0460			
.8580	.0470	.0457			

TABLE II.- FLAPPED-WING COORDINATES

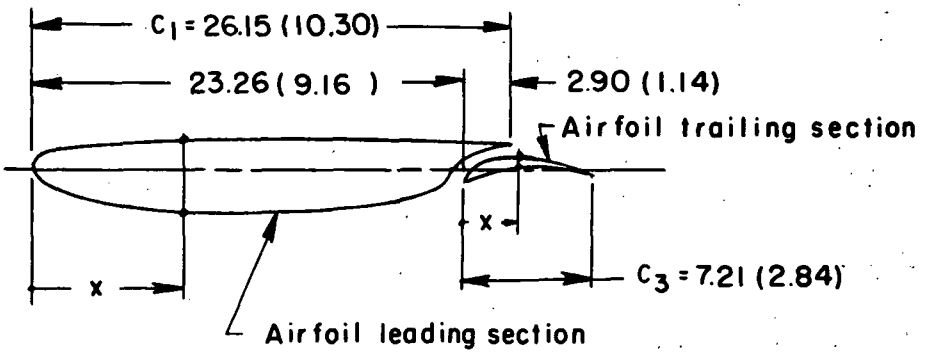


c_1 = 22.86 cm (9.00 in.) c_2 = 7.87 cm (3.10 in.) c_3 = 7.21 cm (2.84 in.) $c_4 = c_5$ = 4.57 cm (1.80 in.)

Airfoil leading section			Flap leading section			Flap trailing section			Slat and vane		
x/c_1	y_u/c_1	y_l/c_1	x/c_2	y_u/c_2	y_l/c_2	x/c_3	y_u/c_3	y_l/c_3	$x/c_{4,5}$	$y_u/c_{4,5}$	$y_l/c_{4,5}$
0	0.0195	0.0195	0	-0.0646	0	-0.0823	-0.0823	0	0	0	0
.0013	.0293	.0099	.0775	.0491	-.1776	.0042	-.0667	-.0907	.0128	.0381	-.0268
.0027	.0331	.0060	.1550	.1030	-.1964	.0127	-.0506	-.0907	.0250	.0522	-.0339
.0053	.0384	.0007	.1938	.1234	-.1971	.0211	-.0308	-.0886	.0500	.0739	-.0409
.0080	.0413	-.0029	.2326	.1415	-.1948	.0295	-.0605	-.0844	.0750	.0905	-.0446
.0107	.0453	-.0067	.2558	.1525	-.1906	.0464	-.0046	-.0759	.1000	.1039	-.0448
.0133	.0475	-.0093	.2791	.1599	-.1873	.0633	.0131	-.0675	.1500	.1269	-.0409
.0187	.0511	-.0140	.3023	.1673	-.1825	.0802	.0287	-.0612	.2000	.1440	-.0300
.0240	.0536	-.0187	.3256	.1747	-.1767	.0970	.0422	-.0549	.3000	.1630	-.0140
.0293	.0560	-.0229	.3488	.1806	-.1699	.1139	.0544	-.0485	.4000	.1660	.0010
.0347	.0580	-.0263	.3721	.1851	-.1628	.1477	.0743	-.0367	.5000	.1600	.0180
.0453	.0611	-.0333	.3953	.1893	-.1539	.1814	.0895	-.0262	.6000	.1440	.0300
.0560	.0635	-.0380	.4186	.1922	-.1453	.2152	.1000	-.0181	.7000	.1170	.0320
.0667	.0653	-.0429	.4419	.1951	-.1337	.2489	.1072	-.0105	.8000	.0800	.0300
.0800	.0673	-.0476	.4651	.1974	-.1213	.2827	.1110	-.0042	.9000	.0484	.0180
.0933	.0687	-.0516	.4884	.1993	-.1076	.3165	.1127	.0030	.9500	.0274	.0107
.1067	.0700	-.0556	.5116	.2006	-.0891	.3502	.1122	.0072	1.0000	.0065	0
.1200	.0709	-.0587	.5349	.2025	-.0694	.3840	.1110	.0118			
.1333	.0720	-.0620	.5581	.2032	-.0391	.4177	.1093	.0156			
.1600	.0735	-.0680	.5814	.2038	.0004	.4515	.1063	.0190			
.1867	.0747	-.0729	.6040	.2045	.0597	.4852	.1030	.0224			
.2167	.0751	-.0773	.6647	.2043	.1012	.5190	.0992	.0253			
.2400	.0764	-.0807	.7209	.2035	.1310	.5527	.0949	.0274			
.2667	.0771	-.0837	.7674	.1999	.1531	.5865	.0899	.0304			
.3200	.0781	-.0880	.8140	.1967	.1678	.6203	.0857	.0329			
.3733	.0789	-.0907	.8605	.1932	.1767	.6540	.0789	.0338			
.4267	.0795	-.0931	.9302	.1898	.1802	.6878	.0730	.0342			
.4800	.0799	-.0933	.9535	.1857	.1778	.7215	.0654	.0316			
.5333	.0800	-.0944	1.0000	.1822	.1771	.7553	.0570	.0274			
.5867	.0800	-.0936				.7890	.0485	.0211			
.6400	.0800	-.0913				.8228	.0380	.0139			
.6933	.0799	-.0887				.8565	.0262	.0042			
.7467	.0793	-.0851				.8903	.0127	-.0055			
.8000	.0787	-.0833				.9241	-.0021	-.0169			
.8267	.0785	-.0767				.9409	-.0097	-.0232			
.8533	.0780	-.0729				.9578	-.0169	-.0295			
.8667	.0777	-.0709				.9747	-.0245	-.0359			
.8800	.0775	-.0684				1.0000	-.0367	-.0464			
.8880	.0773	-.0667									
.8960	.0771	-.0647									
.9040	.0768	-.0631									
.9120	.0767	-.0580									
.9280	.0761	-.0560									
.9360	.0757	-.0529									
.9440	.0755	-.0500									
.9520	.0751	-.0460									
.9600	.0747	-.0417									
.9680	.0743	-.0367									
.9760	.0739	-.0307									
.9840	.0735	-.0239									
.9920	.0731	-.0135									
1.0000	.0727	.0001									

TABLE III. - PRESSURE ORIFICE LOCATIONS ON BASIC WING

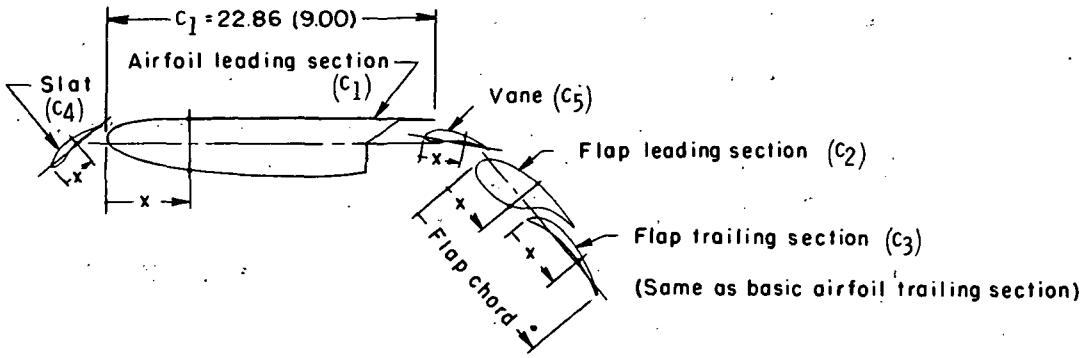
[Dimensions are in cm (in.)]



Airfoil leading section	Airfoil trailing section
x/c_1	x/c_3
0	0
.0250	.0250
.0499	.0499
.0750	.0992
.1000	.1498
.1500	.2000
.2000	.2500
.2496	.2999
.3000	.4001
.3500	.5000
.4000	.5999
.4992	.7029
.5999	.7500 Bottom only
.7000	.8263 Top only
.8000	
.9000	
.9903	

TABLE IV. - PRESSURE ORIFICE LOCATIONS ON VARIOUS FLAP COMPONENTS

[Dimensions are in cm (in.)]



c_1 = 22.86 (9.00) $c_4 = c_5$ = 4.57 (1.80) c_2 = 7.87 (3.10) c_3 = 7.21 (2.84)

Airfoil leading section	Slat and vane	Flap leading section	Flap trailing section
x/c_1	$x/c_{4,5}$	x/c_2	x/c_3
0			
.0286	.075	.0249	.0250
.0571	.150	.0501	.0499
.0859	.200	.0750	.0999
.1144	.300	.1001	.1498
.1716	.400	.1498	.2000
.2288	.500	.2000	.2500
.2856	.600	.2500	.2996
.3432	.700	.3001	.4001
.4004	.800	.3498	.5000
.4576	.8611	.3998	.5999
.5711		.5000	.7029
.6863		.6001	.7560-Bottom only
.8008-Top only		.6999	.8263-Top only
.9152-Top only		.8001	
.9667-Top only		.8999	
.9667-Top only		.9499	
.9944		1.000-Top only	

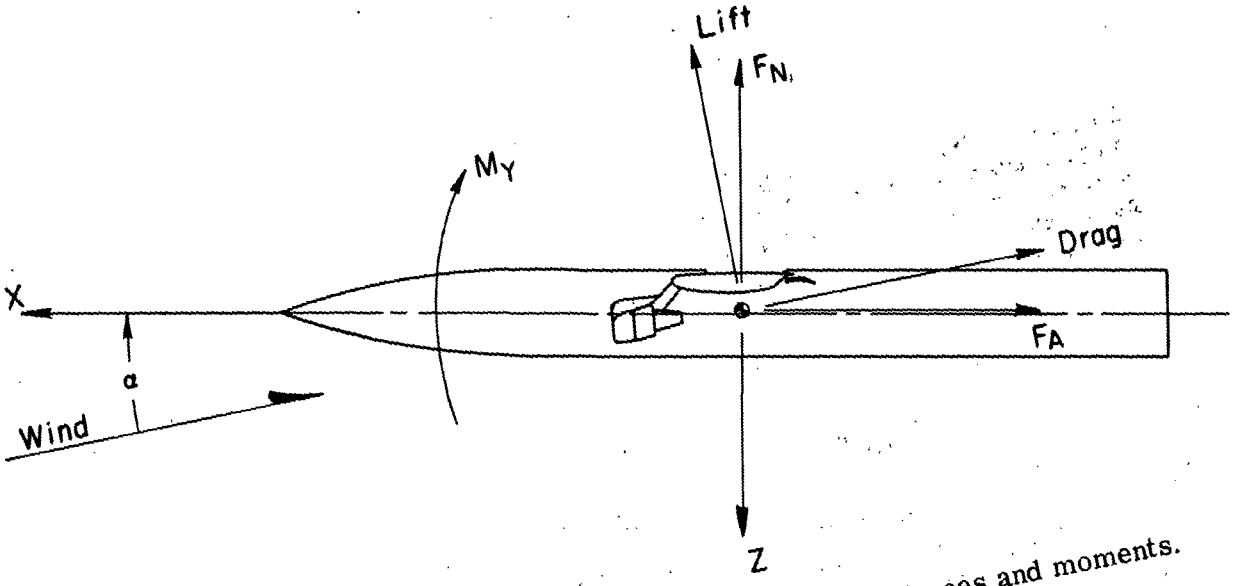
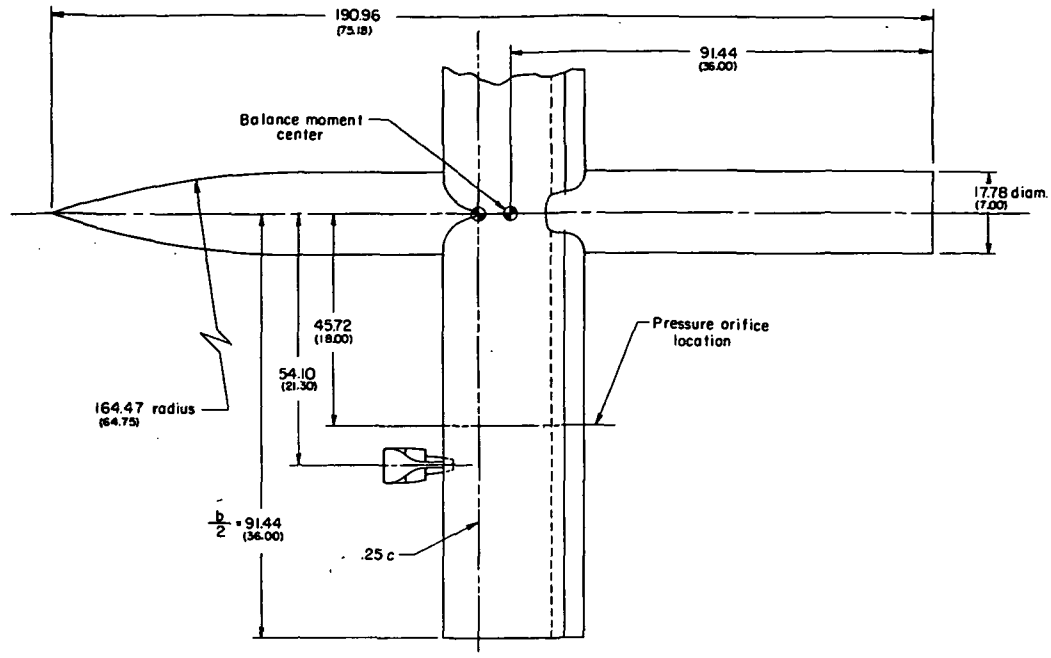
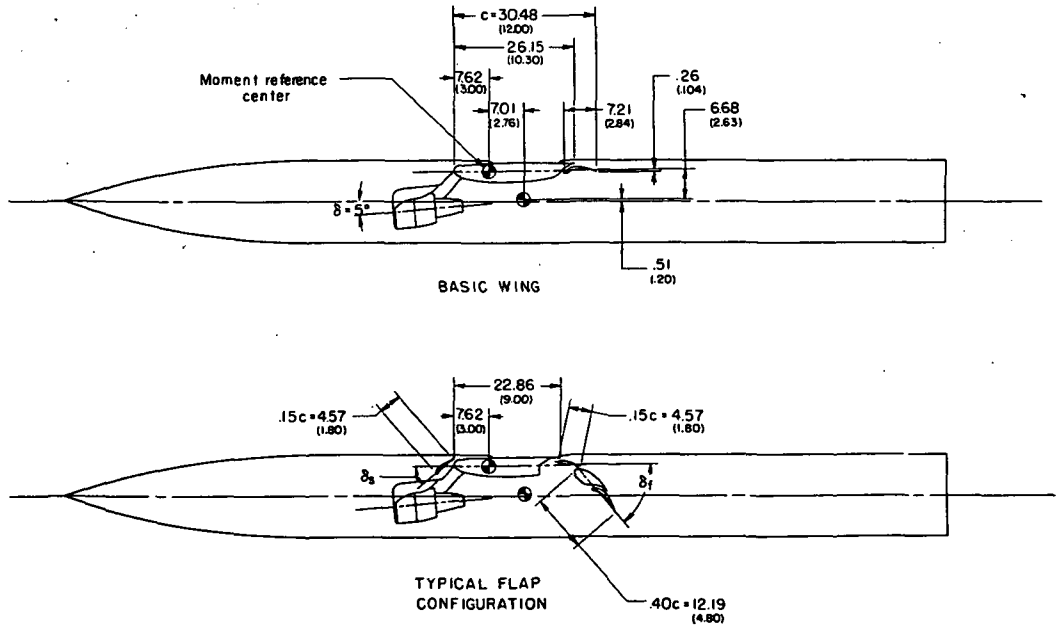


Figure 1.- Axis system used, with positive direction of forces and moments.

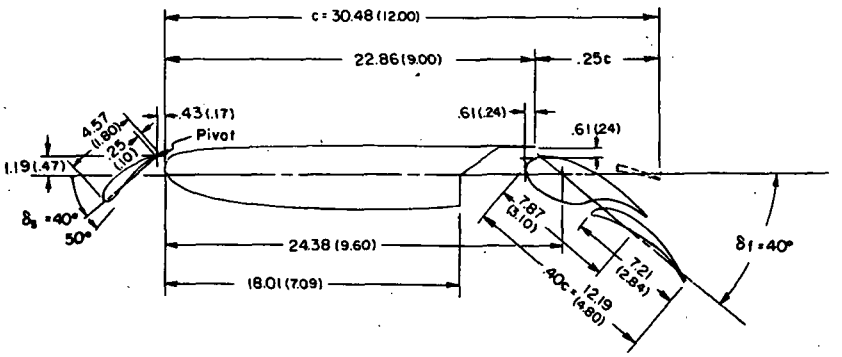


Wing area, m^2 (ft^2)	.557 (6.00)
Wing geometric chord, cm (in.)	30.48 (12.00)
Wing span, cm (in.)	182.88 (72.00)
Aspect ratio	6.00
Taper ratio	1.00

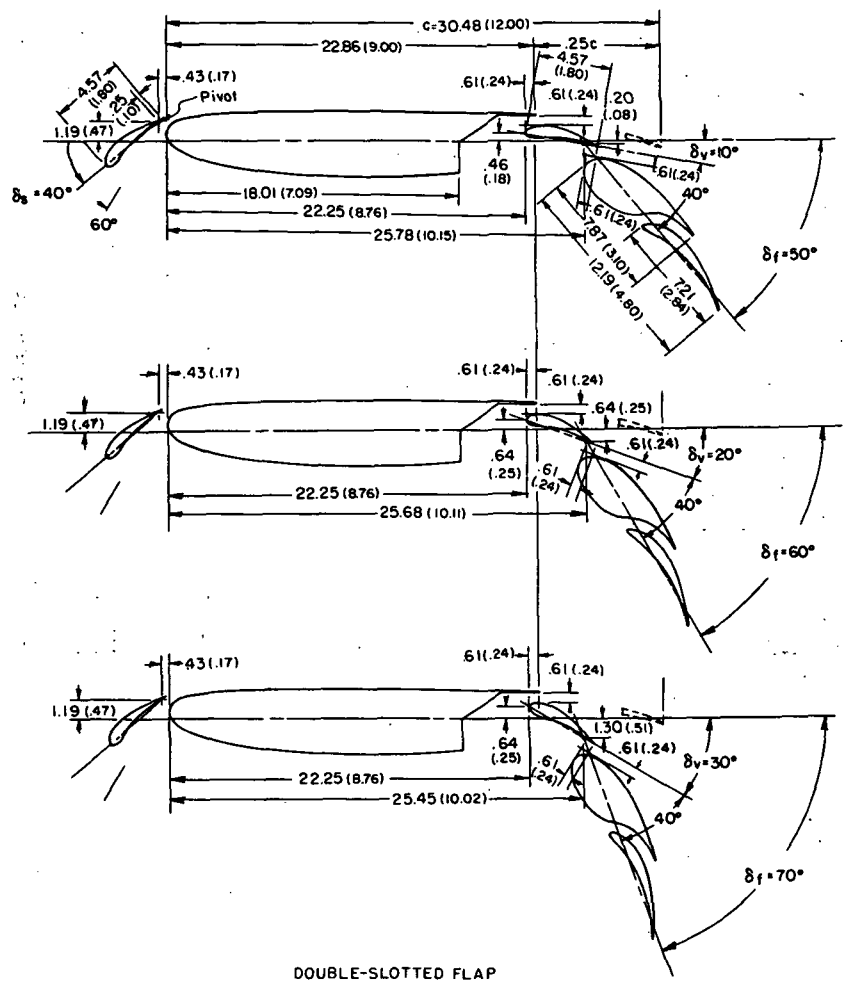


(a) Drawing of model.

Figure 2.- Dimensional characteristics of model. Linear dimensions are in centimeters (inches).



SINGLE-SLOTTED FLAP



DOUBLE-SLOTTED FLAP

(b) Flap configurations.

Figure 2.- Concluded.

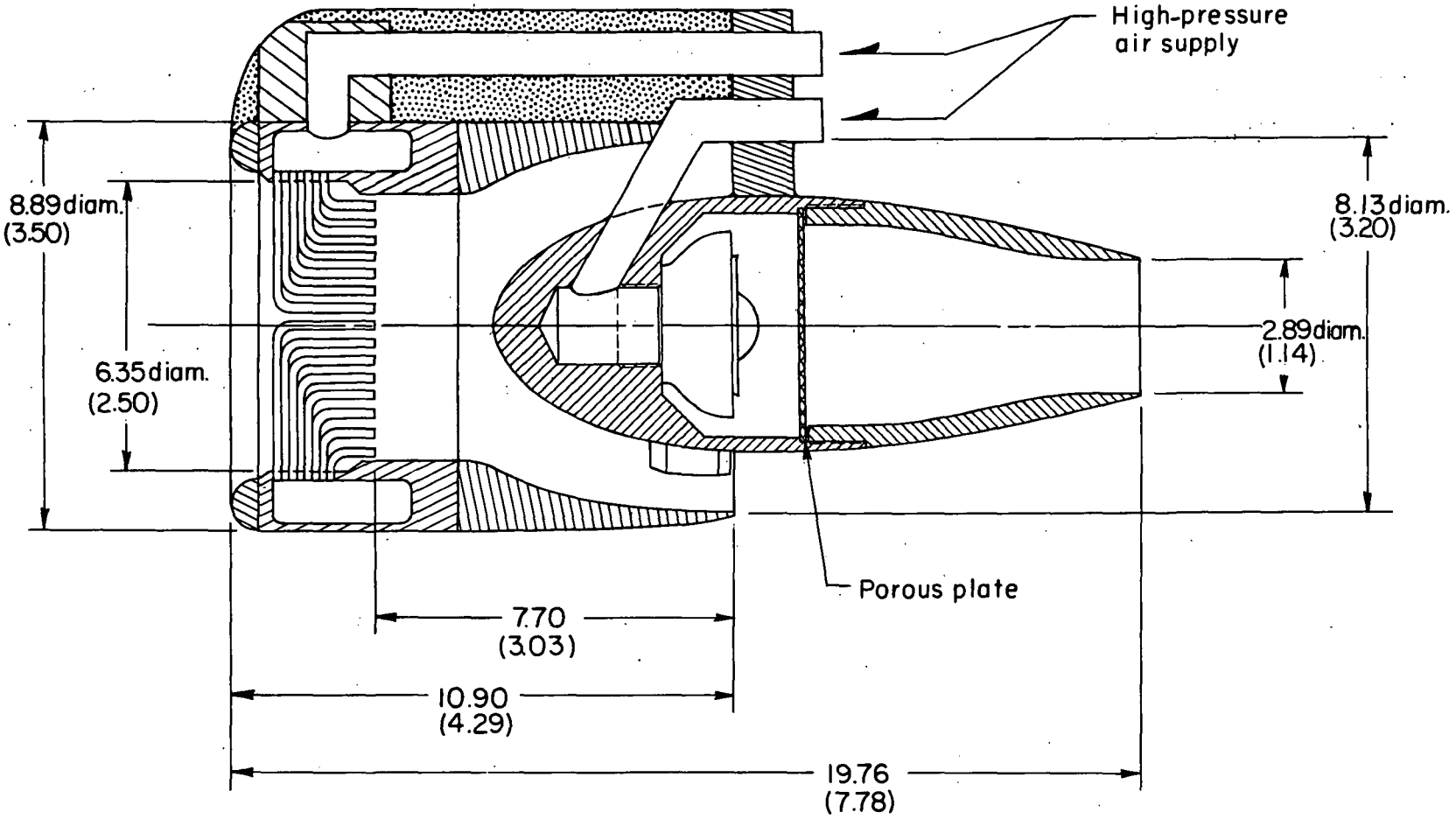


Figure 3.- Schematic drawing of engine simulator. Dimensions are in centimeters (inches).

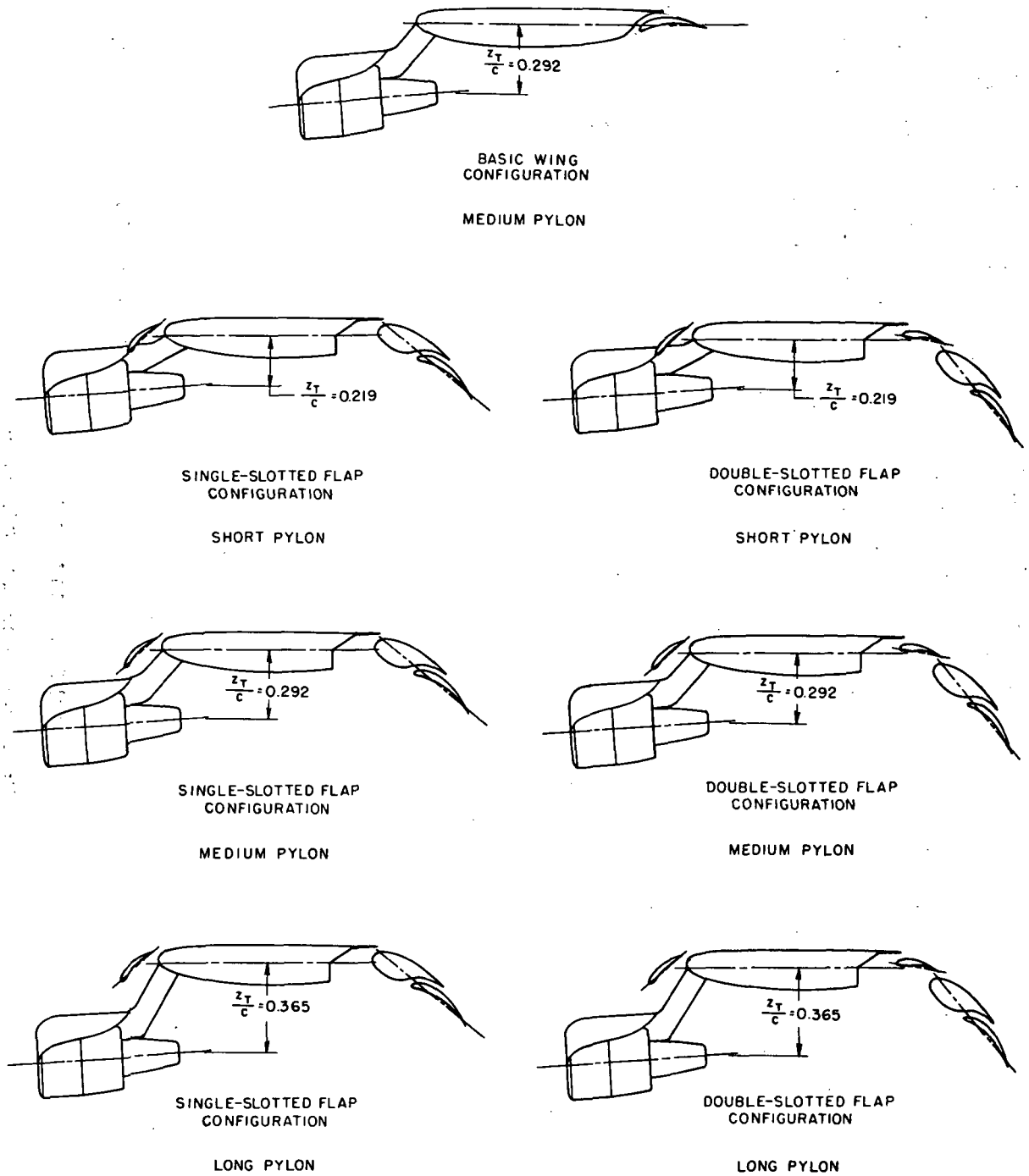
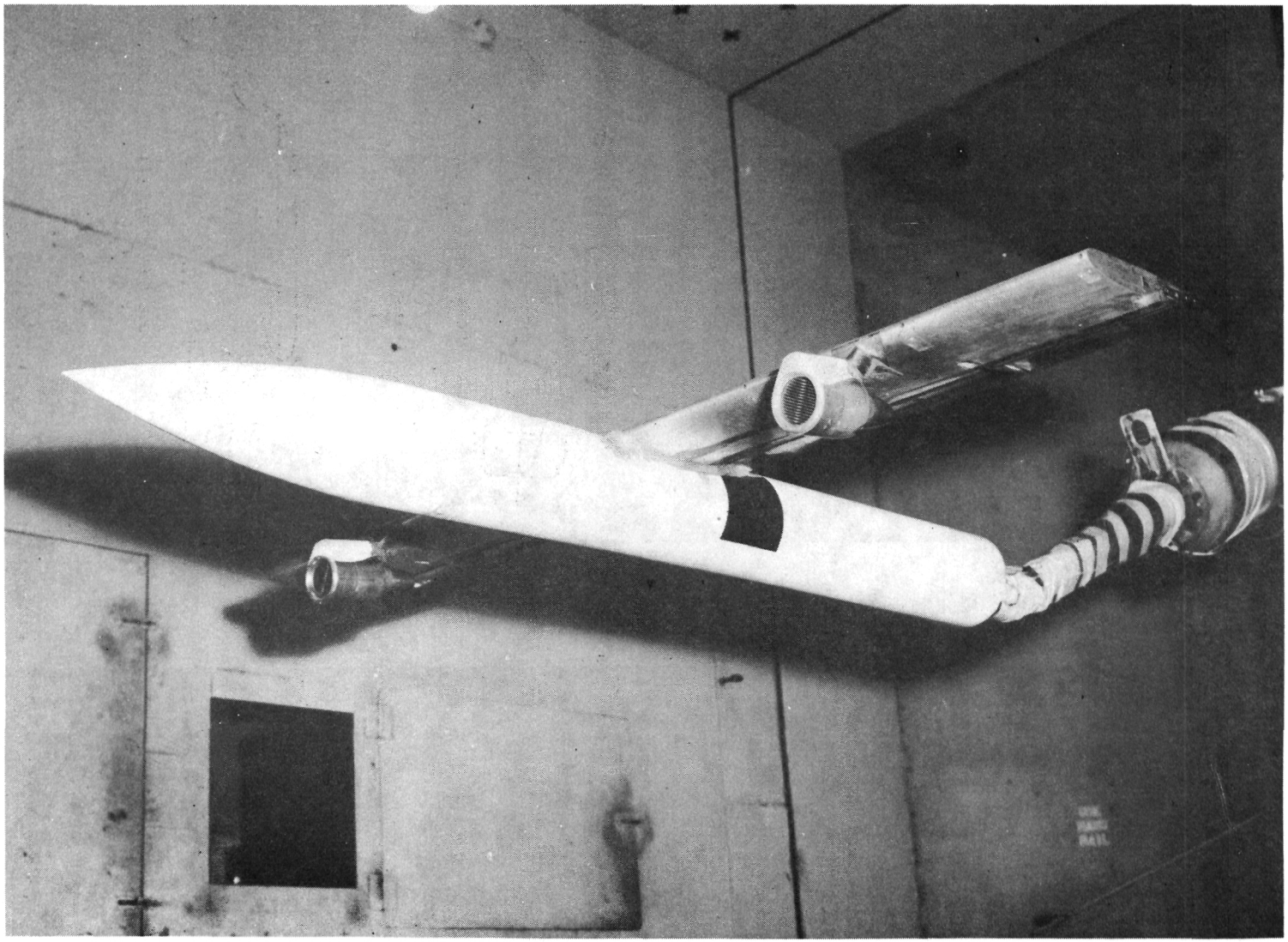


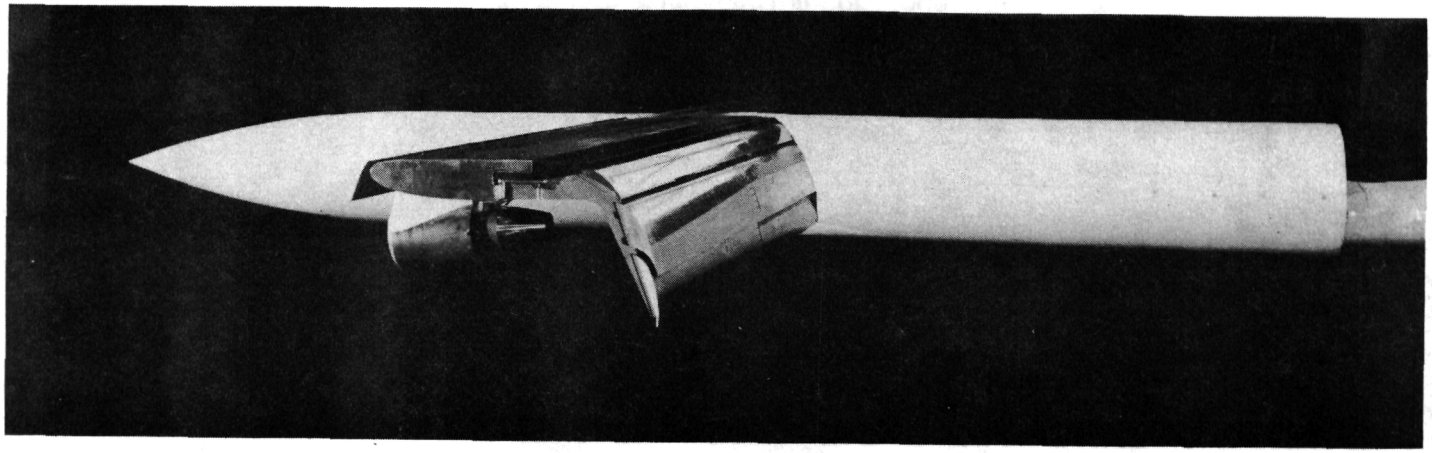
Figure 4.- Relative pylon lengths and their relation to flap systems.



L-69-4214

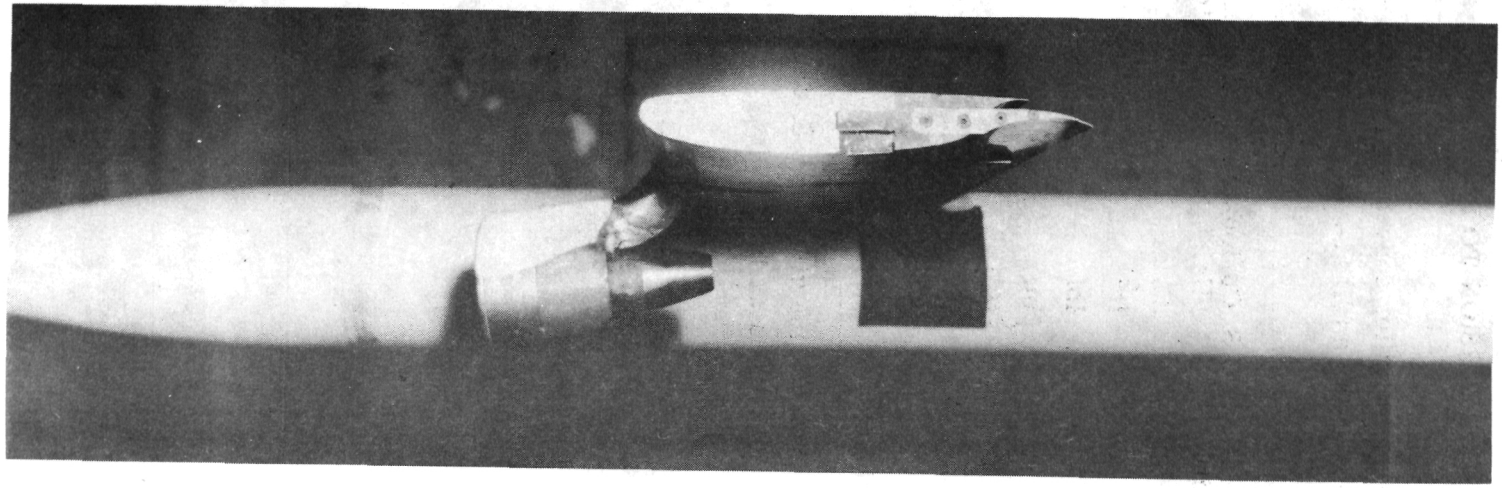
(a) Model in tunnel.

Figure 5.- Photographs of model.



L-69-3593

(b) Model with flap system deflected.



L-69-4216

(c) Engine installation.

Figure 5.- Concluded.

APPENDIX A

CONVERSION TO INTERNATIONAL SYSTEM OF UNITS (SI)

Factors required for converting the U.S. Customary Units used herein to the International System of Units (SI) are given in the following table:

Physical quantity	U.S. Customary Unit	Conversion factor (*)	SI Unit
Area	ft^2	0.0929	meters^2 (m^2)
Force	lbf	4.4482	newtons (N)
Length	in.	2.54	centimeters (cm)
	ft	0.3048	meters (m)
Moment	ft-lbf	1.3558	meter-newtons (m-N)
Pressure	lbf/ft^2	47.8803	newtons/meter^2 (N/m^2)
Velocity	ft/sec	0.3048	meters/second (m/sec)

*Multiply value given in U.S. Customary Units by conversion factor to obtain equivalent value in SI Units.

APPENDIX B

PRESSURE DATA FOR $\delta_f = 0^o$, SLAT OFF, AND MEDIUM PYLON

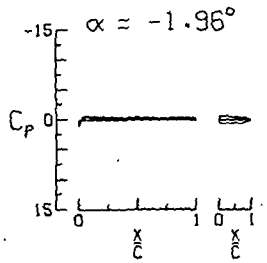
The pressure measurements made on the wing with the flap retracted $(\delta_f = 0^o)$ and the leading-edge slat off are presented in this appendix in coefficient form in graphs and tables. These data are for the medium-length pylon and are arranged in order of increasing thrust coefficient.

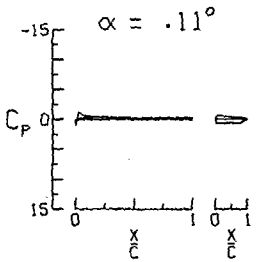
Flap retracted; $\delta_f = 0^o$, δ_s = Off

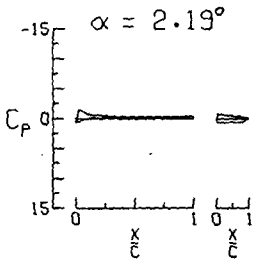
$C_T = 0.00$

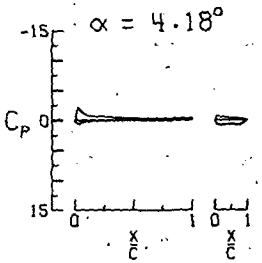
$q_\infty \approx 526.7$ Pa (11.0 lb/ft^2)

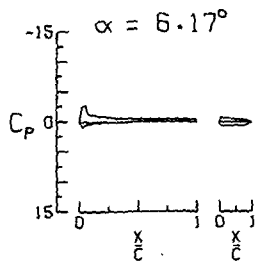
$\frac{z_T}{c} \approx 0.292$

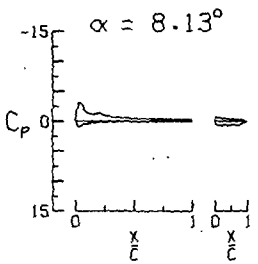


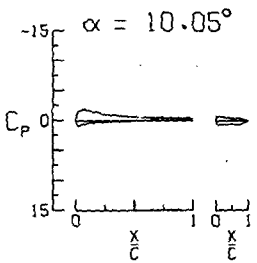


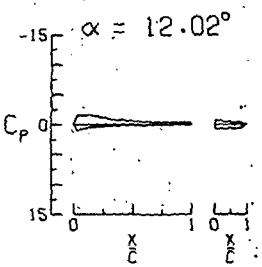


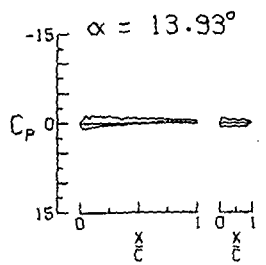


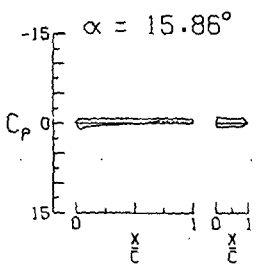


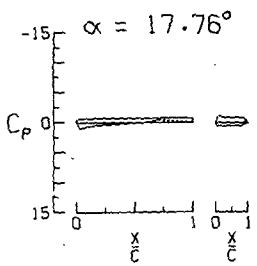


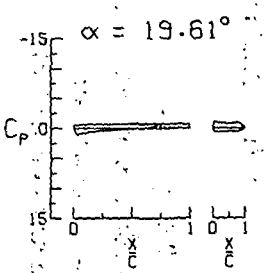


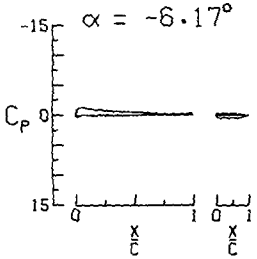


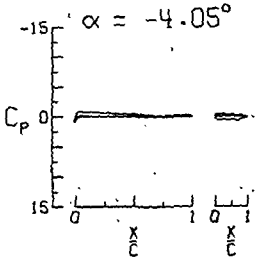












ALPHA = -6.17 DEGREES
DYNAMIC PRESSURE = 10.952 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER SURFACE		
0.000	.43	.025	-.36
.025	.22	.050	-.35
.050	.02	.100	-.35
.075	.01	.150	-.31
.100	-.06	.200	-.29
.150	.22	.250	-.34
.200	-.03	.300	-.26
.250	-.06	.400	-.30
.300	.00	.500	-.28
.350	-.02	.600	-.23
.400	.06	.703	-.23
.499	-.01	.826	-.08
.600	-.03		
.699	-.15		
.800	-.15		
.900	-.20		
.990	-.31		
	LOWER SURFACE		
.025	-1.11	.025	.34
.050	-1.30	.050	.37
.075	-1.21	.100	.45
.100	-1.21	.150	.44
.150	-.93	.200	.48
.200	-.87	.250	.37
.250	-.81	.300	.43
.300	-.62	.400	.49
.350	-.52	.500	.41
.400	-.57	.600	.50
.499	-.50	.703	.47
.600	-.43	.756	.47
.700	-.21		
.800	-.38		
.900	-.47		

ALPHA = -4.05 DEGREES
DYNAMIC PRESSURE = 10.942 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER SURFACE		
0.000	.96	.025	-.41
.025	.02	.050	-.36
.050	-.27	.100	-.38
.075	-.39	.150	-.42
.100	-.10	.200	-.40
.150	-.31	.250	-.38
.200	-.08	.300	-.33
.250	-.06	.400	-.29
.300	-.05	.500	-.29
.350	-.08	.600	-.24
.400	-.06	.703	-.20
.499	-.08	.826	-.13
.600	-.11		
.699	-.10		
.800	-.18		
.900	-.22		
.990	-.26		
	LOWER SURFACE		
.025	-.76	.025	.51
.050	-.95	.050	.47
.075	-.75	.100	.59
.100	-.75	.150	.56
.150	-.76	.200	.53
.200	-.73	.250	.53
.250	-.58	.300	.49
.300	-.53	.400	.54
.350	-.47	.500	.47
.400	-.43	.600	.55
.499	-.42	.703	.61
.600	-.34	.756	.57
.700	-.13		
.800	-.43		
.900	-.36		

ALPHA = -1.96 DEGREES
DYNAMIC PRESSURE = 10.929 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER SURFACE		
0.000	1.07	.025	-.55
.025	-.42	.050	-.58
.050	-.59	.100	-.61
.075	-.53	.150	-.60
.100	-.29	.200	-.57
.150	-.21	.250	-.52
.200	-.09	.300	-.50
.250	-.34	.400	-.42
.300	-.22	.500	-.35
.350	-.17	.600	-.34
.400	-.16	.703	-.32
.499	-.16	.826	-.23
.600	-.18		
.699	-.17		
.800	-.25		
.900	-.25		
.990	-.32		
	LOWER SURFACE		
.025	.25	.025	.63
.050	-.44	.050	.57
.075	-.60	.100	.62
.100	-.51	.150	.63
.150	-.45	.200	.62
.200	-.46	.250	.62
.250	-.42	.300	.62
.300	-.43	.400	.60
.350	-.34	.500	.51
.400	-.35	.600	.62
.499	-.34	.703	.64
.600	-.31	.756	.64
.700	-.13		
.800	-.47		
.900	-.34		

ALPHA = .11 DEGREES
DYNAMIC PRESSURE = 10.926 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER SURFACE		
0.000	1.02	.025	-.69
.025	-1.21	.050	-.67
.050	-.86	.100	-.64
.075	-.59	.150	-.60
.100	-.53	.200	-.58
.150	-.46	.250	-.57
.200	-.38	.300	-.50
.250	-.40	.400	-.42
.300	-.28	.500	-.38
.350	-.26	.600	-.35
.400	-.27	.703	-.36
.499	-.23	.826	-.28
.600	-.26		
.699	-.24		
.800	-.27		
.900	-.29		
.990	-.37		
	LOWER SURFACE		
.025	.20	.025	.62
.050	-.18	.050	.61
.075	-.32	.100	.62
.100	-.28	.150	.65
.150	-.35	.200	.65
.200	-.37	.250	.63
.250	-.35	.300	.60
.300	-.27	.400	.62
.350	-.23	.500	.54
.400	-.23	.600	.63
.499	-.23	.703	.66
.600	-.24	.756	.69
.700	-.13		
.800	-.45		
.900	-.32		

ALPHA = 2.20 DEGREES
DYNAMIC PRESSURE = 10.941 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER SURFACE		
0.000	.83	.025	-.85
.025	-1.53	.050	-.76
.050	-1.27	.100	-.64
.075	-1.00	.150	-.59
.100	-.75	.200	-.57
.150	-.58	.250	-.52
.200	-.58	.300	-.53
.250	-.43	.400	-.47
.300	-.43	.500	-.38
.350	-.31	.600	-.35
.400	-.34	.703	-.35
.499	-.31	.826	-.25
.600	-.27		
.699	-.28		
.800	-.31		
.900	-.30		
.990	-.39		
	LOWER SURFACE		
.025	.59	.025	.67
.050	.25	.050	.62
.075	.04	.100	.65
.100	-.05	.150	.67
.150	-.25	.200	.64
.200	-.15	.250	.66
.250	-.22	.300	.65
.300	-.21	.400	.64
.350	-.19	.500	.54
.400	-.15	.600	.62
.499	-.21	.703	.66
.600	-.13	.756	.67
.700	-.13		
.800	-.41		
.900	-.25		

ALPHA = 4.19 DEGREES
DYNAMIC PRESSURE = 10.971 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER SURFACE		
0.000	.40	.025	-.76
.025	-2.23	.050	-.78
.050	-1.65	.100	-.65
.075	-1.18	.150	-.61
.100	-.95	.200	-.55
.150	-.65	.250	-.52
.200	-.63	.300	-.49
.250	-.51	.400	-.45
.300	-.52	.500	-.34
.350	-.41	.600	-.34
.400	-.36	.703	-.34
.499	-.30	.826	-.24
.600	-.34		
.699	-.35		
.800	-.35		
.900	-.32		
.990	-.40		
	LOWER SURFACE		
.025	.56	.025	.72
.050	.35	.050	.66
.075	.30	.100	.70
.100	.15	.150	.70
.150	.07	.200	.68
.200	-.05	.250	.70
.250	.01	.300	.69
.300	-.05	.400	.66
.350	-.06	.500	.55
.400	-.01	.600	.66
.499	-.11	.703	.71
.600	-.13	.756	.68
.700	-.21		
.800	-.36		
.900	-.20		

ALPHA = 6.18 DEGREES
DYNAMIC PRESSURE = 10.978 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER SURFACE		
0.000	.31	.025	-.74
.025	-2.70	.050	-.71
.050	-2.75	.100	-.68
.075	-1.35	.150	-.63
.100	-1.21	.200	-.56
.150	-.94	.250	-.53
.200	-.81	.300	-.51
.250	-.76	.400	-.48
.300	-.58	.500	-.38
.350	-.52	.600	-.37
.400	-.45	.703	-.37
.499	-.40	.826	-.25
.600	-.36		
.699	-.38		
.800	-.37		
.900	-.34		
.990	-.40		
	LOWER SURFACE		
.025	.87	.025	.67
.050	.55	.050	.63
.075	.40	.100	.66
.100	.27	.150	.66
.150	.17	.200	.66
.200	.07	.250	.65
.250	.07	.300	.62
.300	.11	.400	.63
.350	.02	.500	.54
.400	.38	.600	.62
.499	-.05	.703	.66
.600	-.03	.756	.66
.700	-.11		
.800	-.34		
.900	-.14		

ALPHA = 8.14 DEGREES
DYNAMIC PRESSURE = 10.973 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER SURFACE		
0.000	-.35	.025	-.73
.025	-3.12	.050	-.76
.050	-2.98	.100	-.68
.075	-1.96	.150	-.64
.100	-1.51	.200	-.59
.150	-1.13	.250	-.50
.200	-1.40	.300	-.47
.250	-1.05	.400	-.44
.300	-.78	.500	-.33
.350	-.63	.600	-.31
.400	-.56	.703	-.35
.499	-.53	.826	-.25
.600	-.44		
.699	-.44		
.800	-.38		
.900	-.34		
.990	-.37		
	LOWER SURFACE		
.025	.97	.025	.63
.050	.67	.050	.64
.075	.47	.100	.66
.100	.39	.150	.64
.150	.23	.200	.66
.200	.18	.250	.67
.250	.18	.300	.65
.300	.09	.400	.64
.350	.12	.500	.56
.400	.09	.600	.65
.499	.04	.703	.65
.600	-.01	.756	.69
.700	-.14		
.800	-.31		
.900	-.14		

ALPHA = 10.35 DEGREES
DYNAMIC PRESSURE = 10.895 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER SURFACE			
0.000	-.33	.025	-.75
.025	-1.46	.050	-.82
.050	-1.66	.100	-.69
.075	-2.05	.150	-.62
.100	-1.80	.200	-.56
.150	-1.49	.250	-.52
.200	-1.39	.300	-.44
.250	-.92	.400	-.45
.300	-.95	.500	-.36
.350	-.85	.600	-.32
.400	-.70	.703	-.40
.499	-.56	.826	-.28
.600	-.47		
.699	-.45		
.800	-.40		
.900	-.35		
.990	-.35		
LOWER SURFACE			
.025	.98	.025	.67
.050	.76	.050	.67
.075	.55	.100	.67
.100	.45	.150	.67
.150	.33	.200	.66
.200	.23	.250	.61
.250	.26	.300	.62
.300	.18	.400	.63
.350	.13	.500	.52
.400	.12	.600	.67
.499	.03	.703	.68
.600	-.03	.756	.68
.700	-.21		
.800	-.34		
.900	-.13		

ALPHA = 12.32 DEGREES
DYNAMIC PRESSURE = 10.905 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER SURFACE			
0.000	-.40	.025	-.79
.025	-1.49	.050	-.85
.050	-1.53	.100	-.74
.075	-1.48	.150	-.76
.100	-1.51	.200	-.68
.150	-1.55	.250	-.58
.200	-1.36	.300	-.50
.250	-1.24	.400	-.49
.300	-1.03	.500	-.42
.350	-.80	.600	-.39
.400	-.85	.703	-.37
.499	-.61	.826	-.36
.600	-.58		
.699	-.48		
.800	-.46		
.900	-.41		
.990	-.41		
LOWER SURFACE			
.025	1.00	.025	.65
.050	.81	.050	.66
.075	.63	.100	.67
.100	.55	.150	.65
.150	.38	.200	.66
.200	.34	.250	.64
.250	.26	.300	.62
.300	.20	.400	.62
.350	.19	.500	.52
.400	.13	.600	.61
.499	.05	.703	.65
.600	.03	.756	.62
.700	-.24		
.800	-.37		
.900	-.16		

ALPHA = 13.94 DEGREES
DYNAMIC PRESSURE = 10.896 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER SURFACE			
0.000	-.13	.025	-.87
.025	-.79	.050	-.96
.050	-1.42	.100	-.89
.075	-.78	.150	-.70
.100	-1.34	.200	-.72
.150	-1.25	.250	-.61
.200	-1.13	.300	-.58
.250	-1.25	.400	-.54
.300	-1.10	.500	-.54
.350	-.75	.600	-.42
.400	-.95	.703	-.51
.499	-.75	.826	-.50
.600	-.66		
.699	-.71		
.800	-.46		
.900	-.52		
.990	-.44		
LOWER SURFACE			
.025	1.02	.025	.65
.050	.85	.050	.60
.075	.68	.100	.67
.100	.63	.150	.62
.150	.44	.200	.64
.200	.34	.250	.60
.250	.28	.300	.63
.300	.23	.400	.59
.350	.23	.500	.50
.400	.16	.600	.56
.499	.07	.703	.62
.600	-.00	.756	.61
.700	-.30		
.800	-.43		
.900	-.18		

ALPHA = 15.86 DEGREES
DYNAMIC PRESSURE = 10.912 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER SURFACE			
0.000	-.13	.025	-1.05
.025	-.82	.050	-1.08
.050	-.82	.100	-1.00
.075	-.71	.150	-1.02
.100	-.71	.200	-.90
.150	-.81	.250	-.89
.200	-.76	.300	-.83
.250	-.82	.400	-.79
.300	-.73	.500	-.81
.350	-.80	.600	-.79
.400	-.76	.703	-.79
.499	-.84	.826	-.93
.600	-.74		
.699	-.87		
.800	-.79		
.900	-.81		
.990	-.69		
LOWER SURFACE			
.025	1.02	.025	.64
.050	.86	.050	.61
.075	.57	.100	.62
.100	.57	.150	.62
.150	.53	.200	.61
.200	.37	.250	.62
.250	.28	.300	.61
.300	.29	.400	.56
.350	.26	.500	.47
.400	.15	.600	.56
.499	.06	.703	.58
.600	-.04	.756	.59
.700	-.41		
.800	-.46		
.900	-.15		

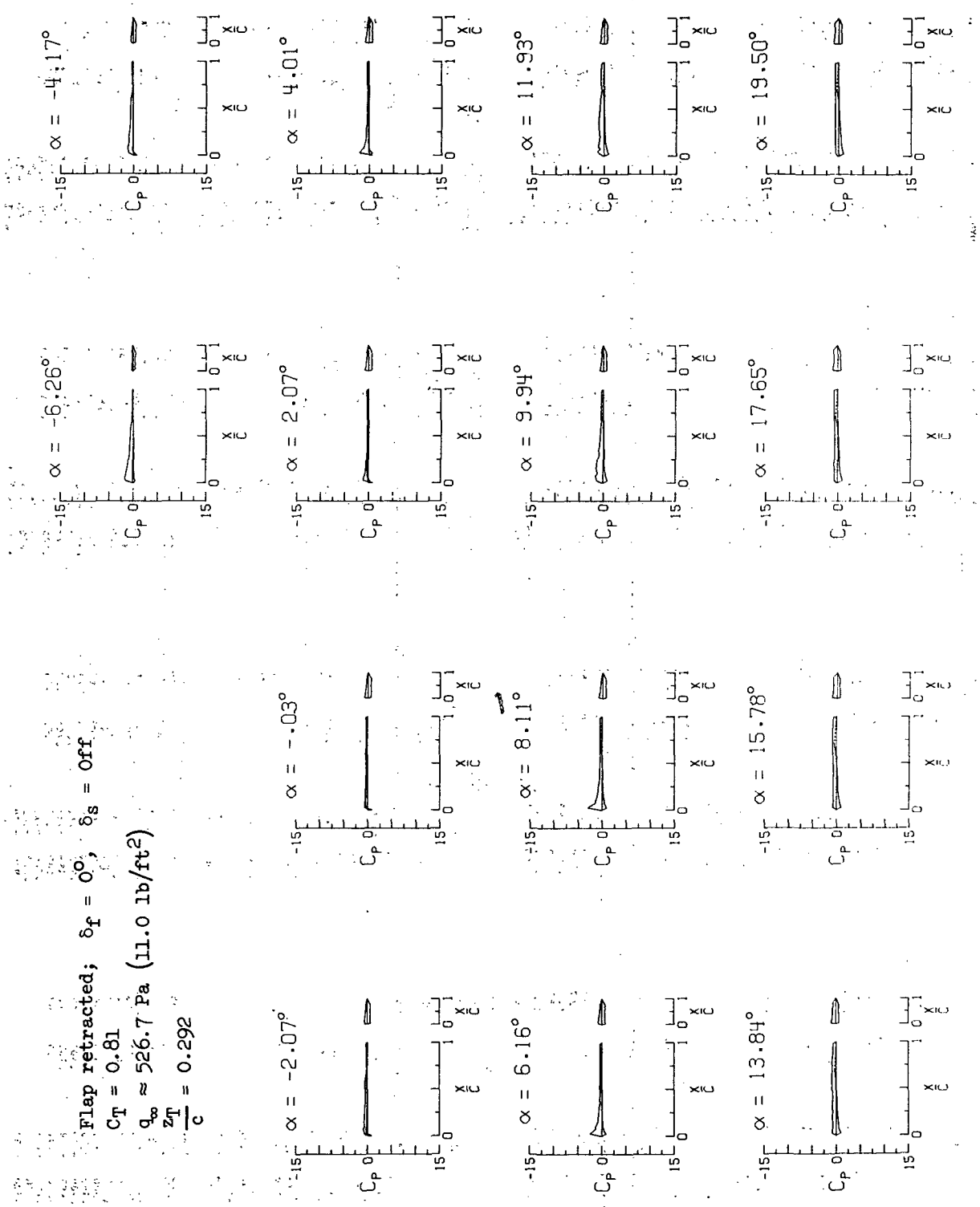
ALPHA = 17.76 DEGREES
DYNAMIC PRESSURE = 10.990 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER SURFACE			
0.000	-.27	.025	-1.07
.025	-.67	.050	-1.08
.050	-.59	.100	-1.08
.075	-.70	.150	-1.05
.100	-.61	.200	-.96
.150	-.70	.250	-.90
.200	-.71	.300	-.87
.250	-.71	.400	-.79
.300	-.73	.500	-.85
.350	-.75	.600	-.82
.400	-.74	.703	-.85
.499	-.73	.826	-.89
.600	-.72		
.699	-.74		
.800	-.81		
.900	-.78		
.990	-.68		
LOWER SURFACE			
.025	1.03	.025	.63
.050	.90	.050	.57
.075	.77	.100	.59
.100	.67	.150	.57
.150	.51	.200	.60
.200	.40	.250	.55
.250	.35	.300	.55
.300	.30	.400	.53
.350	.24	.500	.53
.400	.19	.600	.52
.499	.09	.703	.57
.600	-.03	.756	.56
.700	-.47		
.800	-.47		

ALPHA = 19.61 DEGREES
DYNAMIC PRESSURE = 10.944 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER SURFACE			
0.000	-.42	.025	-1.10
.025	-.61	.050	-1.11
.050	-.58	.100	-1.07
.075	-.65	.150	-.99
.100	-.58	.200	-1.01
.150	-.66	.250	-.85
.200	-.58	.300	-.93
.250	-.70	.400	-.81
.300	-.64	.500	-.83
.350	-.72	.600	-.83
.400	-.63	.703	-.92
.499	-.73	.826	-.90
.600	-.74		
.699	-.79		
.800	-.75		
.900	-.75		
.990	-.70		
LOWER SURFACE			
.025	1.04	.025	.64
.050	.97	.050	.62
.075	.87	.100	.64
.100	.77	.150	.61
.150	.57	.200	.58
.200	.46	.250	.59
.250	.37	.300	.58
.300	.35	.400	.55
.350	.27	.500	.44
.400	.23	.600	.53
.499	.09	.703	.57
.600	-.01	.756	.56
.700	-.41		
.800	-.46		

APPENDIX B


Flap retracted; $\delta_f = 0°$, δ_s = Off
$C_T = 0.81$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft^2)
$\frac{z_T}{c} = 0.292$
α = -4.17°
α = -6.26°
α = -2.07°
α = -.03°
α = 4.01°
α = 2.07°
α = 6.16°
α = 8.11°
α = 11.93°
α = 9.94°
α = 15.78°
α = 17.65°
α = 19.50°
α = 13.84°
C_P
-15
0
15
$\frac{x}{c}$
0
1

ALPHA = -6.27 DEGREES
DYNAMIC PRESSURE = 10.951 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	.28	.025	-.33
.025	.56	.050	-.33
.050	.24	.100	-.23
.075	.27	.150	-.24
.100	.24	.200	-.27
.150	.17	.250	-.29
.200	.12	.300	-.22
.250	.11	.400	-.15
.300	.11	.500	-.15
.350	.04	.600	-.14
.400	.14	.703	-.11
.499	.03	.826	-.07
.600	-.00		
.699	-.05		
.800	-.12		
.900	-.14		
.990	-.15		
	LOWER	SURFACE	
.025	-1.50	.025	.08
.050	-1.66	.050	.23
.075	-1.50	.100	.49
.100	-1.41	.150	.37
.150	-1.23	.200	.34
.200	-1.04	.250	.51
.250	-.99	.300	.45
.300	-.81	.400	.35
.350	-.75	.500	.37
.400	-.73	.600	.47
.499	-.63	.703	.60
.600	-.55	.756	.53
.700	-.17		
.800	-.47		
.900	-.54		

ALPHA = -4.17 DEGREES
DYNAMIC PRESSURE = 10.971 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	.75	.025	-.44
.025	.14	.050	-.41
.050	-.06	.100	-.49
.075	-.10	.150	-.41
.100	-.02	.200	-.41
.150	-.03	.250	-.44
.200	-.02	.300	-.33
.250	-.05	.400	-.31
.300	-.03	.500	-.22
.350	-.01	.600	-.22
.400	-.03	.703	-.19
.499	-.05	.826	-.08
.600	-.25		
.699	-.11		
.800	-.16		
.900	-.17		
.990	-.27		
	LOWER	SURFACE	
.025	-1.33	.025	.48
.050	-.98	.050	.53
.075	-1.15	.100	.54
.100	-1.03	.150	.59
.150	-.84	.200	.57
.200	-.88	.250	.56
.250	-.76	.300	.56
.300	-.54	.400	.55
.350	-.61	.500	.51
.400	-.56	.600	.61
.499	-.58	.703	.65
.600	-.53	.756	.61
.700	-.14		
.800	-.52		
.900	-.53		

ALPHA = -2.08 DEGREES
DYNAMIC PRESSURE = 10.959 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	.97	.025	-.62
.025	-.29	.050	-.57
.050	-.27	.100	-.60
.075	-.33	.150	-.57
.100	-.19	.200	-.54
.150	-.17	.250	-.53
.200	-.11	.300	-.44
.250	-.23	.400	-.42
.300	-.11	.500	-.34
.350	-.10	.600	-.28
.400	-.10	.703	-.32
.499	-.10	.826	-.19
.600	-.13		
.699	-.17		
.800	-.20		
.900	-.23		
.990	-.32		
	LOWER	SURFACE	
.025	-.62	.025	.58
.050	-.73	.050	.61
.075	-.89	.100	.63
.100	-.54	.150	.63
.150	-.70	.200	.62
.200	-.55	.250	.65
.250	-.59	.300	.60
.300	-.59	.400	.66
.350	-.49	.500	.55
.400	-.49	.600	.64
.499	-.47	.703	.69
.600	-.43	.756	.68
.700	-.10		
.800	-.52		
.900	-.47		

ALPHA = -.03 DEGREES
DYNAMIC PRESSURE = 11.019 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	1.32	.025	-.81
.025	-.65	.050	-.75
.050	-.55	.100	-.62
.075	-.56	.150	-.62
.100	-.46	.200	-.59
.150	-.30	.250	-.54
.200	-.34	.300	-.52
.250	-.34	.400	-.42
.300	-.22	.500	-.32
.350	-.19	.600	-.31
.400	-.17	.703	-.31
.499	-.19	.826	-.21
.600	-.19		
.699	-.22		
.800	-.25		
.900	-.25		
.990	-.33		
	LOWER	SURFACE	
.025	-.04	.025	.64
.050	-.38	.050	.64
.075	-.46	.100	.65
.100	-.38	.150	.67
.150	-.51	.200	.66
.200	-.47	.250	.66
.250	-.41	.300	.63
.300	-.42	.400	.65
.350	-.43	.500	.55
.400	-.31	.600	.65
.499	-.37	.703	.67
.600	-.40	.756	.70
.700	-.14		
.800	-.51		
.900	-.39		

ALPHA = 2.08 DEGREES
DYNAMIC PRESSURE = 10.946 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	.99	.025	-.89
.025	-1.10	.050	-.82
.050	-1.01	.100	-.70
.075	-.84	.150	-.61
.100	-.65	.200	-.58
.150	-.54	.250	-.55
.200	-.54	.300	-.51
.250	-.42	.400	-.44
.300	-.41	.500	-.36
.350	-.26	.600	-.33
.400	-.29	.703	-.32
.499	-.29	.826	-.20
.600	-.25		
.699	-.28		
.800	-.28		
.900	-.29		
.990	-.36		
	LOWER	SURFACE	
.025	.35	.025	.66
.050	-.33	.050	.65
.075	-.22	.100	.69
.100	-.23	.150	.62
.150	-.33	.200	.66
.200	-.22	.250	.67
.250	-.26	.300	.65
.300	-.27	.400	.66
.350	-.23	.500	.55
.400	-.30	.600	.67
.499	-.28	.703	.71
.600	-.31	.756	.68
.700	-.14		
.800	-.46		
.900	-.37		

ALPHA = 4.01 DEGREES
DYNAMIC PRESSURE = 10.908 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	.65	.025	-.84
.025	-1.98	.050	-.82
.050	-1.57	.100	-.71
.075	-1.35	.150	-.63
.100	-.90	.200	-.62
.150	-.59	.250	-.56
.200	-.49	.300	-.50
.250	-.57	.400	-.46
.300	-.49	.500	-.39
.350	-.33	.600	-.34
.400	-.35	.703	-.32
.499	-.33	.826	-.22
.600	-.31		
.699	-.27		
.800	-.33		
.900	-.29		
.990	-.38		
	LOWER	SURFACE	
.025	.58	.025	.68
.050	.16	.050	.70
.075	-.01	.100	.70
.100	-.00	.150	.71
.150	-.17	.200	.69
.200	-.10	.250	.67
.250	-.15	.300	.69
.300	-.14	.400	.69
.350	-.16	.500	.55
.400	-.14	.600	.72
.499	-.17	.703	.67
.600	-.19	.756	.70
.700	-.22		
.800	-.43		
.900	-.30		

ALPHA = 6.17 DEGREES
DYNAMIC PRESSURE = 10.925 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	-.29	.025	-.78
.025	-2.50	.050	-.79
.050	-1.83	.100	-.72
.075	-1.30	.150	-.64
.100	-1.30	.200	-.61
.150	-.84	.250	-.55
.200	-.76	.300	-.50
.250	-.63	.400	-.46
.300	-.59	.500	-.39
.350	-.42	.600	-.33
.400	-.46	.703	-.34
.499	-.37	.826	-.22
.600	-.35		
.699	-.34		
.800	-.34		
.900	-.35		
.990	-.38		
	LOWER	SURFACE	
.025	.85	.025	.73
.050	.49	.050	.67
.075	.28	.100	.69
.100	.19	.150	.72
.150	.15	.200	.69
.200	.06	.250	.69
.250	-.02	.300	.70
.300	-.02	.400	.66
.350	-.06	.500	.56
.400	-.01	.600	.69
.499	-.10	.703	.68
.600	-.12	.756	.70
.700	-.23		
.800	-.33		
.900	-.23		

ALPHA = 8.12 DEGREES
DYNAMIC PRESSURE = 10.916 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	-.33	.025	-.72
.025	-3.01	.050	-.77
.050	-2.13	.100	-.73
.075	-1.39	.150	-.62
.100	-1.33	.200	-.67
.150	-1.01	.250	-.54
.200	-.83	.300	-.54
.250	-.77	.400	-.49
.300	-.60	.500	-.41
.350	-.53	.600	-.35
.400	-.52	.703	-.35
.499	-.49	.826	-.24
.600	-.43		
.699	-.37		
.800	-.40		
.900	-.38		
.990	-.41		
	LOWER	SURFACE	
.025	.94	.025	.72
.050	.66	.050	.68
.075	.47	.100	.67
.100	.42	.150	.72
.150	.25	.200	.71
.200	.14	.250	.68
.250	.16	.300	.70
.300	.04	.400	.69
.350	.08	.500	.59
.400	.08	.600	.72
.499	-.06	.703	.69
.600	-.08	.756	.68
.700	-.22		
.800	-.28		
.900	-.15		

ALPHA = 9.94 DEGREES
DYNAMIC PRESSURE = 10.950 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	-.22	.025	-.78
.025	-1.28	.050	-.73
.050	-1.44	.100	-.69
.075	-1.55	.150	-.66
.100	-1.12	.200	-.55
.150	-1.39	.250	-.53
.200	-1.30	.300	-.50
.250	-1.20	.400	-.42
.300	-.85	.500	-.39
.350	-1.00	.600	-.34
.400	-.80	.703	-.31
.499	-.66	.826	-.27
.600	-.58		
.699	-.62		
.800	-.62		
.900	-.38		
.990	-.33		
	LOWER	SURFACE	
.025	.98	.025	.71
.050	.71	.050	.66
.075	.52	.100	.68
.100	.47	.150	.69
.150	.28	.200	.65
.200	.23	.250	.68
.250	.18	.300	.66
.300	.15	.400	.65
.350	.14	.500	.57
.400	.04	.600	.66
.499	-.32	.703	.69
.600	-.09	.756	.68
.700	-.11		
.800	-.32		
.900	-.18		

ALPHA = 11.94 DEGREES
DYNAMIC PRESSURE = 10.923 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	-.15	.025	-.88
.025	-1.08	.050	-.89
.050	-1.28	.100	-.79
.075	-.74	.150	-.65
.100	-1.20	.200	-.66
.150	-.96	.250	-.60
.200	-.95	.300	-.72
.250	-.92	.400	-.59
.300	-1.07	.500	-.61
.350	-1.12	.600	-.57
.400	-1.04	.703	-.35
.499	-.89	.826	-.40
.600	-.78		
.699	-.53		
.800	-.48		
.900	-.54		
.990	-.50		
	LOWER	SURFACE	
.025	.94	.025	.69
.050	.72	.050	.64
.075	.58	.100	.68
.100	.48	.150	.63
.150	.31	.200	.69
.200	.24	.250	.66
.250	.19	.300	.65
.300	.15	.400	.60
.350	.12	.500	.54
.400	.09	.600	.65
.499	-.02	.703	.65
.600	-.08	.756	.64
.700	-.22		
.800	-.41		
.900	-.22		

ALPHA = 13.84 DEGREES
DYNAMIC PRESSURE = 10.923 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	.04	.025	-1.02
.025	-.83	.050	-.94
.050	-.88	.100	-1.01
.075	-.74	.150	-.84
.100	-.59	.200	-.79
.150	-.73	.250	-.79
.200	-.86	.300	-.78
.250	-.70	.400	-.71
.300	-.84	.500	-.68
.350	-.80	.600	-.76
.400	-.76	.703	-.56
.499	-.94	.826	-.68
.600	-.84		
.699	-.90		
.800	-.81		
.900	-.54		
.990	-.62		
	LOWER	SURFACE	
.025	1.01	.025	.69
.050	.76	.050	.65
.075	.58	.100	.63
.100	.50	.150	.64
.150	.41	.200	.62
.200	.29	.250	.65
.250	.24	.300	.62
.300	.18	.400	.58
.350	.12	.500	.45
.400	.09	.600	.57
.499	-.02	.703	.61
.600	-.07	.756	.61
.700	-.27		
.800	-.44		
.900	-.25		

ALPHA = 15.78 DEGREES
DYNAMIC PRESSURE = 10.923 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	-.11	.025	-1.10
.025	-.75	.050	-1.05
.050	-.91	.100	-1.05
.075	-.73	.150	-1.00
.100	-.59	.200	-.91
.150	-.75	.250	-.89
.200	-.76	.300	-.85
.250	-.75	.400	-.85
.300	-.76	.500	-.80
.350	-.74	.600	-.83
.400	-.67	.703	-.90
.499	-.78	.826	-.84
.600	-.77		
.699	-.82		
.800	-.87		
.900	-.78		
.990	-.71		
	LOWER	SURFACE	
.025	1.00	.025	.67
.050	.81	.050	.64
.075	.63	.100	.65
.100	.58	.150	.63
.150	.42	.200	.63
.200	.28	.250	.60
.250	.23	.300	.59
.300	.23	.400	.57
.350	.15	.500	.46
.400	.11	.600	.56
.499	-.02	.703	.59
.600	-.11	.756	.57
.700	-.44		
.800	-.52		
.900	-.27		

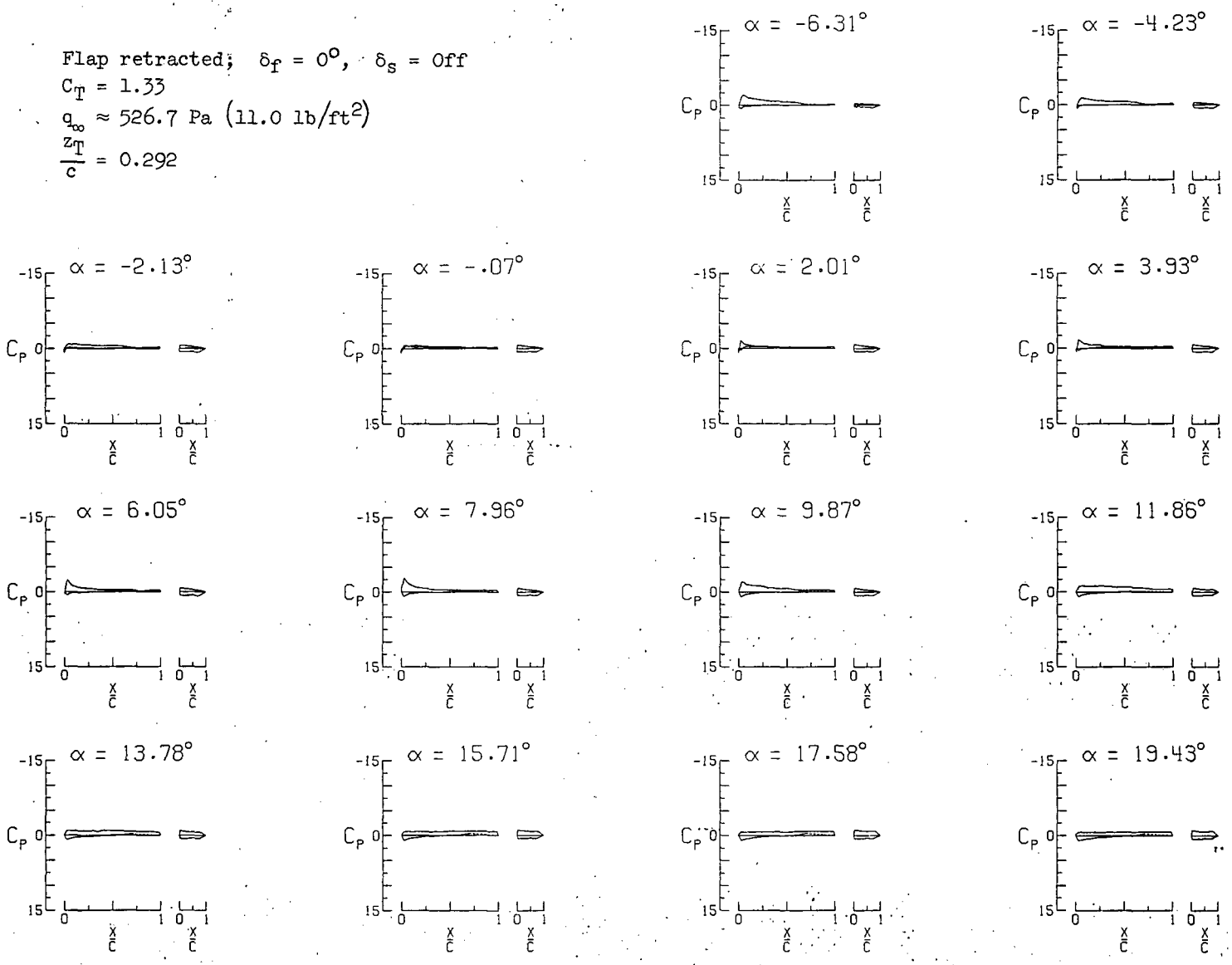
ALPHA = 17.65 DEGREES
DYNAMIC PRESSURE = 10.927 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	-.19	.025	-1.06
.025	-.74	.050	-1.09
.050	-.70	.100	-1.09
.075	-.70	.150	-1.06
.100	-.67	.200	-.98
.150	-.67	.250	-.96
.200	-.87	.300	-.84
.250	-.67	.400	-.89
.300	-.79	.500	-.83
.350	-.75	.600	-.84
.400	-.70	.703	-.88
.499	-.72	.826	-.87
.600	-.77		
.699	-.76		
.800	-.78		
.900	-.78		
.990	-.79		
	LOWER	SURFACE	
.025	1.00	.025	.66
.050	.85	.050	.67
.075	.73	.100	.63
.100	.51	.150	.63
.150	.45	.200	.59
.200	.38	.250	.61
.250	.29	.300	.61
.300	.25	.400	.56
.350	.17	.500	.44
.400	.15	.600	.57
.499	.02	.703	.59
.600	-.13	.756	.57
.700	-.47		
.800	-.48		
.900	-.26		

ALPHA = 19.50 DEGREES
DYNAMIC PRESSURE = 10.923 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	-.32	.025	-1.09
.025	-.65	.050	-1.09
.050	-.59	.100	-1.08
.075	-.61	.150	-1.02
.100	-.65	.200	-.99
.150	-.56	.250	-.94
.200	-.58	.300	-.92
.250	-.69	.400	-.85
.300	-.71	.500	-.84
.350	-.66	.600	-.82
.400	-.72	.703	-.93
.499	-.74	.826	-.88
.600	-.71		
.699	-.74		
.800	-.72		
.900	-.73		
.990	-.73		
	LOWER	SURFACE	
.025	1.03	.025	.66
.050	.91	.050	.65
.075	.79	.100	.65
.100	.70	.150	.61
.150	.56	.200	.62
.200	.55	.250	.58
.250	.39	.300	.60
.300	.36	.400	.57
.350	.29	.500	.45
.400	.19	.600	.54
.499	.09	.703	.56
.600	-.13	.756	.54
.700	-.41		
.800	-.48		
.900	-.21		

Flap retracted; $\delta_f = 0^o$, δ_s = Off
$C_T = 1.33$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft^2)
$\frac{z_T}{c} = 0.292$



ALPHA = -6.32 DEGREES
DYNAMIC PRESSURE = 10.922 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER	SURFACE		
0.000	.50	.025	-.35
.025	.67	.050	-.40
.050	.26	.100	-.26
.075	.31	.150	-.30
.100	.23	.200	-.27
.150	.19	.250	-.27
.200	.17	.300	-.29
.250	.11	.400	-.22
.300	.10	.500	-.16
.350	.10	.600	-.16
.400	.03	.703	-.15
.499	.06	.826	-.11
.600	-.02		
.699	-.03		
.800	-.12		
.900	-.12		
.990	-.18		
LOWER	SURFACE		
.025	-1.55	.025	.45
.050	-2.21	.050	.19
.075	-1.72	.100	.49
.100	-1.44	.150	.10
.150	-1.32	.200	.20
.200	-1.11	.250	.48
.250	-1.03	.300	.38
.300	-.83	.400	.38
.350	-.77	.500	.41
.400	-.78	.600	.48
.499	-.67	.703	.58
.600	-.55	.756	.43
.700	-.19		
.800	-.49		
.900	-.58		

ALPHA = -4.24 DEGREES
DYNAMIC PRESSURE = 10.945 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER	SURFACE		
0.000	.74	.025	-.51
.025	.75	.050	-.51
.050	.11	.100	-.44
.075	.03	.150	-.45
.100	.01	.200	-.44
.150	-.05	.250	-.39
.200	.04	.300	-.39
.250	.00	.400	-.32
.300	-.00	.500	-.29
.350	-.05	.600	-.23
.400	-.00	.703	-.24
.499	-.03	.826	-.12
.600	-.05		
.699	-.11		
.800	-.16		
.900	-.20		
.990	-.26		
LOWER	SURFACE		
.025	-.79	.025	.54
.050	-1.44	.050	.53
.075	-1.30	.100	.56
.100	-1.21	.150	.60
.150	-1.05	.200	.56
.200	-.86	.250	.62
.250	-.84	.300	.59
.300	-.70	.400	.59
.350	-.63	.500	.50
.400	-.63	.600	.60
.499	-.60	.703	.68
.600	-.54	.756	.67
.700	-.19		
.800	-.53		
.900	-.54		

ALPHA = -2.13 DEGREES
DYNAMIC PRESSURE = 10.955 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER	SURFACE		
0.000	.97	.025	-.57
.025	-.19	.050	-.63
.050	-.33	.100	-.60
.075	-.24	.150	-.58
.100	-.13	.200	-.59
.150	-.17	.250	-.57
.200	-.14	.300	-.45
.250	-.13	.400	-.43
.300	-.15	.500	-.34
.350	-.09	.600	-.32
.400	-.10	.703	-.29
.499	-.11	.826	-.20
.600	-.16		
.699	-.16		
.800	-.23		
.900	-.24		
.990	-.34		
LOWER	SURFACE		
.025	-.73	.025	.61
.050	-.98	.050	.62
.075	-.76	.100	.58
.100	-.88	.150	.63
.150	-.81	.200	.60
.200	-.71	.250	.60
.250	-.71	.300	.62
.300	-.64	.400	.61
.350	-.54	.500	.52
.400	-.53	.600	.63
.499	-.55	.703	.69
.600	-.48	.756	.67
.700	-.17		
.800	-.58		
.900	-.52		

ALPHA = -.07 DEGREES
DYNAMIC PRESSURE = 10.958 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER	SURFACE		
0.000	1.00	.025	-.84
.025	-.57	.050	-.68
.050	-.67	.100	-.66
.075	-.45	.150	-.63
.100	-.39	.200	-.58
.150	-.26	.250	-.57
.200	-.34	.300	-.49
.250	-.27	.400	-.45
.300	-.25	.500	-.33
.350	-.22	.600	-.32
.400	-.19	.703	-.31
.499	-.18	.826	-.24
.600	-.23		
.699	-.18		
.800	-.26		
.900	-.24		
.990	-.35		
LOWER	SURFACE		
.025	-.24	.025	.62
.050	-.55	.050	.62
.075	-.39	.100	.65
.100	-.52	.150	.65
.150	-.62	.200	.63
.200	-.54	.250	.66
.250	-.36	.300	.67
.300	-.43	.400	.66
.350	-.46	.500	.54
.400	-.36	.600	.68
.499	-.43	.703	.65
.600	-.43	.756	.67
.700	-.13		
.800	-.47		
.900	-.42		

ALPHA = 2.01 DEGREES
DYNAMIC PRESSURE = 10.980 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER	SURFACE		
0.000	.98	.025	-.87
.025	-1.52	.050	-.80
.050	-1.06	.100	-.71
.075	-.79	.150	-.63
.100	-.73	.200	-.60
.150	-.55	.250	-.53
.200	-.42	.300	-.51
.250	-.49	.400	-.47
.300	-.36	.500	-.37
.350	-.26	.600	-.34
.400	-.27	.703	-.33
.499	-.24	.826	-.22
.600	-.27		
.699	-.25		
.800	-.29		
.900	-.33		
.990	-.38		
LOWER	SURFACE		
.025	.42	.025	.68
.050	-.17	.050	.67
.075	-.39	.100	.66
.100	-.36	.150	.68
.150	-.29	.200	.68
.200	-.38	.250	.67
.250	-.29	.300	.68
.300	-.34	.400	.66
.350	-.32	.500	.58
.400	-.33	.600	.66
.499	-.33	.703	.69
.600	-.29	.756	.69
.700	-.15		
.800	-.46		
.900	-.38		

ALPHA = 3.93 DEGREES
DYNAMIC PRESSURE = 10.954 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER	SURFACE		
0.000	.83	.025	-.89
.025	-1.75	.050	-.78
.050	-1.43	.100	-.70
.075	-.93	.150	-.67
.100	-.95	.200	-.60
.150	-.61	.250	-.56
.200	-.52	.300	-.55
.250	-.64	.400	-.46
.300	-.42	.500	-.38
.350	-.40	.600	-.36
.400	-.37	.703	-.34
.499	-.30	.826	-.21
.600	-.30		
.699	-.28		
.800	-.34		
.900	-.32		
.990	-.37		
LOWER	SURFACE		
.025	.47	.025	.69
.050	.11	.050	.66
.075	-.05	.100	.66
.100	.01	.150	.68
.150	-.13	.200	.67
.200	-.21	.250	.69
.250	-.25	.300	.67
.300	-.22	.400	.68
.350	-.24	.500	.57
.400	-.15	.600	.66
.499	-.25	.703	.71
.600	-.24	.756	.69
.700	-.15		
.800	-.42		
.900	-.36		

ALPHA = 6.06 DEGREES
DYNAMIC PRESSURE = 10.944 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER	SURFACE		
0.000	.52	.025	-.84
.025	-2.35	.050	-.78
.050	-1.85	.100	-.73
.075	-1.25	.150	-.69
.100	-1.00	.200	-.62
.150	-.81	.250	-.56
.200	-.71	.300	-.54
.250	-.63	.400	-.47
.300	-.55	.500	-.42
.350	-.41	.600	-.35
.400	-.38	.703	-.33
.499	-.40	.826	-.23
.600	-.35		
.699	-.36		
.800	-.12		
.900	-.37		
.990	-.37		
LOWER	SURFACE		
.025	.65	.025	.71
.050	.42	.050	.66
.075	.16	.100	.67
.100	.16	.150	.68
.150	.12	.200	.70
.200	.04	.250	.67
.250	-.04	.300	.69
.300	-.02	.400	.67
.350	.00	.500	.56
.400	-.05	.600	.69
.499	-.15	.703	.73
.600	-.22	.756	.68
.700	-.16		
.800	-.39		
.900	-.24		

ALPHA = 7.97 DEGREES
DYNAMIC PRESSURE = 10.930 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER	SURFACE		
0.000	-.78	.025	-.76
.025	-2.86	.050	-.81
.050	-2.33	.100	-.75
.075	-1.66	.150	-.69
.100	-1.43	.200	-.63
.150	-1.02	.250	-.59
.200	-.82	.300	-.54
.250	-.75	.400	-.49
.300	-.62	.500	-.41
.350	-.50	.600	-.35
.400	-.50	.703	-.37
.499	-.42	.826	-.24
.600	-.42		
.699	-.35		
.800	-.39		
.900	-.38		
.990	-.40		
LOWER	SURFACE		
.025	.92	.025	.73
.050	.53	.050	.68
.075	.39	.100	.67
.100	.28	.150	.70
.150	.21	.200	.70
.200	.39	.250	.69
.250	.17	.300	.68
.300	-.01	.400	.67
.350	.03	.500	.56
.400	.06	.600	.70
.499	-.08	.703	.71
.600	-.15	.756	.73
.700	-.19		
.800	-.34		
.900	-.21		

ALPHA = 9.88 DEGREES
DYNAMIC PRESSURE = 10.930 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	-.09	.025	-.76
.025	-2.06	.050	-.78
.050	-1.97	.100	-.72
.075	-1.47	.150	-.64
.100	-1.43	.200	-.65
.150	-1.29	.250	-.55
.200	-1.18	.300	-.53
.250	-1.17	.400	-.44
.300	-.83	.500	-.38
.350	-.96	.600	-.33
.400	-.64	.703	-.33
.499	-.94	.826	-.23
.600	-.44		
.699	-.45		
.800	-.45		
.900	-.37		
.990	-.35		
	LOWER	SURFACE	
.025	.95	.025	.69
.050	.66	.050	.67
.075	.46	.100	.68
.100	.38	.150	.70
.150	.26	.200	.66
.200	.17	.250	.68
.250	.06	.300	.68
.300	.08	.400	.67
.350	.07	.500	.58
.400	.03	.600	.66
.499	-.07	.703	.70
.600	-.11	.756	.66
.700	-.23		
.800	-.34		
.900	-.18		

ALPHA = 11.87 DEGREES
DYNAMIC PRESSURE = 10.903 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	-.14	.025	-.76
.025	-1.21	.050	-.91
.050	-1.23	.100	-.71
.075	-1.25	.150	-.71
.100	-1.17	.200	-.71
.150	-1.18	.250	-.67
.200	-1.19	.300	-.68
.250	-1.25	.400	-.61
.300	-1.16	.500	-.49
.350	-1.11	.600	-.38
.400	-.94	.703	-.57
.499	-1.01	.826	-.47
.600	-.88		
.699	-.80		
.800	-.52		
.900	-.51		
.990	-.54		
	LOWER	SURFACE	
.025	.98	.025	.70
.050	.65	.050	.68
.075	.50	.100	.68
.100	.43	.150	.67
.150	.26	.200	.66
.200	.24	.250	.68
.250	.18	.300	.69
.300	.11	.400	.67
.350	.05	.500	.54
.400	.09	.600	.65
.499	-.07	.703	.66
.600	-.12	.756	.65
.700	-.19		
.800	-.43		
.900	-.22		

ALPHA = 13.78 DEGREES
DYNAMIC PRESSURE = 10.928 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	-.34	.025	-1.04
.025	-.89	.050	-1.00
.050	-.98	.100	-.87
.075	-.83	.150	-.86
.100	-.95	.200	-.88
.150	-.91	.250	-.72
.200	-.89	.300	-.75
.250	-.87	.400	-.65
.300	-.93	.500	-.75
.350	-.73	.600	-.63
.400	-1.31	.703	-.74
.499	-.95	.826	-.57
.600	-.85		
.699	-.76		
.800	-.77		
.900	-.79		
.990	-.55		
	LOWER	SURFACE	
.025	.98	.025	.65
.050	.72	.050	.64
.075	.59	.100	.64
.100	.47	.150	.63
.150	.31	.200	.64
.200	.21	.250	.63
.250	.20	.300	.61
.300	.17	.400	.58
.350	.09	.500	.49
.400	.02	.600	.58
.499	-.05	.703	.63
.600	-.11	.756	.62
.700	-.32		
.800	-.52		
.900	-.29		

ALPHA = 15.72 DEGREES
DYNAMIC PRESSURE = 10.933 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	-.08	.025	-1.11
.025	-.75	.050	-1.08
.050	-.79	.100	-1.04
.075	-.87	.150	-.89
.100	-.71	.200	-.96
.150	-.78	.250	-.93
.200	-.75	.300	-.87
.250	-.80	.400	-.88
.300	-.72	.500	-.74
.350	-.87	.600	-.74
.400	-.76	.703	-.82
.499	-.90	.826	-.73
.600	-.85		
.699	-.87		
.800	-.86		
.900	-.79		
.990	-.78		
	LOWER	SURFACE	
.025	1.01	.025	.66
.050	.80	.050	.63
.075	.59	.100	.65
.100	.50	.150	.61
.150	.42	.200	.62
.200	.31	.250	.60
.250	.20	.300	.61
.300	.17	.400	.59
.350	.12	.500	.49
.400	.04	.600	.59
.499	-.05	.703	.63
.600	-.13	.756	.60
.700	-.42		
.800	-.52		
.900	-.26		

ALPHA = 17.59 DEGREES
DYNAMIC PRESSURE = 10.949 LBF/SQ.FT.

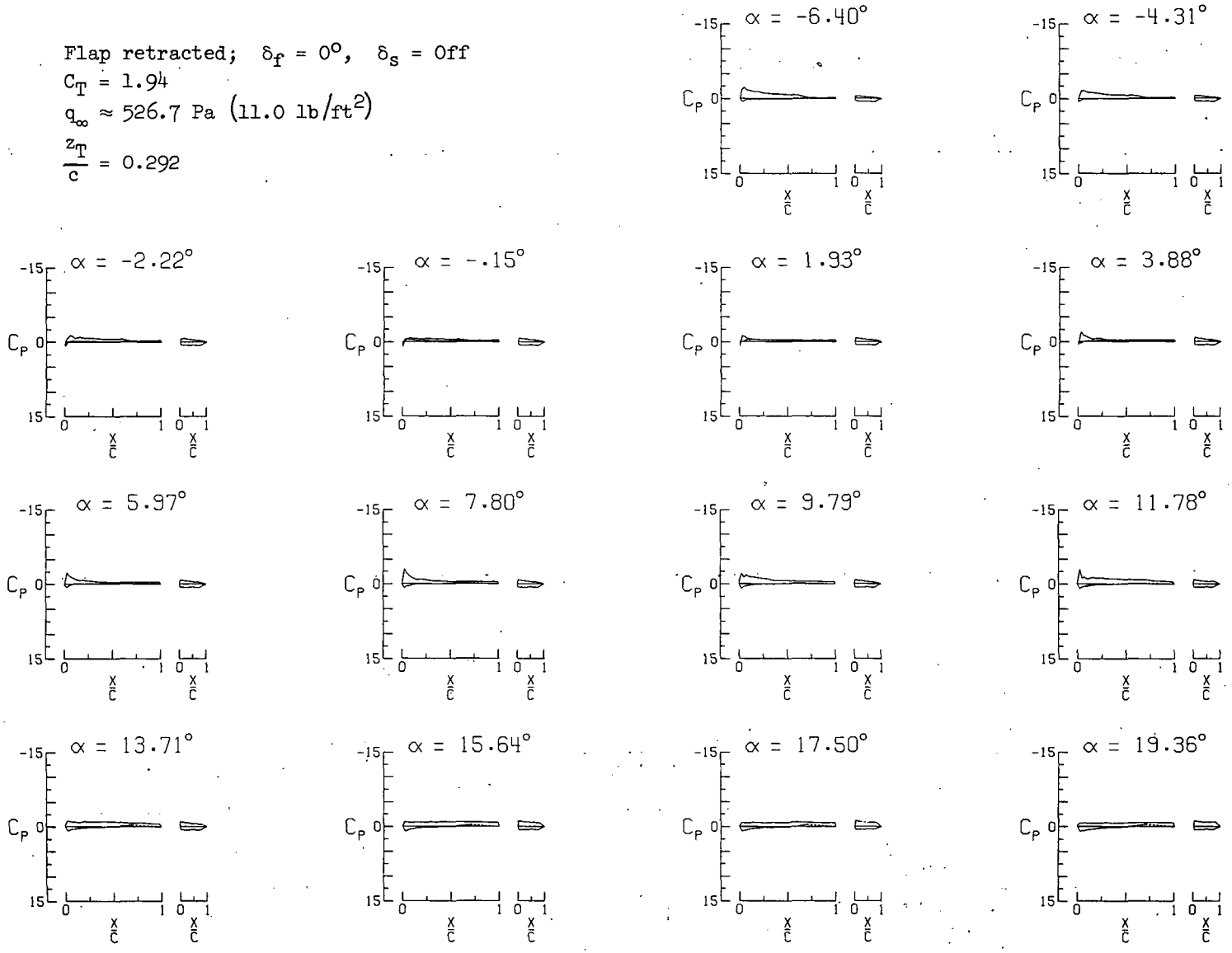
AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	-.20	.025	-1.07
.025	-.74	.050	-1.13
.050	-.68	.100	-1.11
.075	-.66	.150	-1.08
.100	-.72	.200	-1.04
.150	-.69	.250	-.92
.200	-.76	.300	-.92
.250	-.71	.400	-.90
.300	-.71	.500	-.86
.350	-.72	.600	-.88
.400	-.75	.703	-.89
.499	-.69	.826	-.91
.600	-.81		
.699	-.82		
.800	-.83		
.900	-.79		
.990	-.80		
	LOWER	SURFACE	
.025	1.31	.025	.66
.050	.84	.050	.63
.075	.71	.100	.62
.100	.56	.150	.64
.150	.48	.200	.60
.200	.35	.250	.59
.250	.27	.300	.59
.300	.22	.400	.59
.350	.20	.500	.45
.400	.11	.600	.56
.499	-.02	.703	.60
.600	-.10	.756	.56
.700	-.43		
.800	-.51		
.900	-.31		

ALPHA = 19.43 DEGREES
DYNAMIC PRESSURE = 10.959 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER	SURFACE	
0.000	-.34	.025	-1.14
.025	-.55	.050	-1.15
.050	-.70	.100	-1.07
.075	-.69	.150	-1.05
.100	-.67	.200	-.94
.150	-.69	.250	-.96
.200	-.54	.300	-.85
.250	-.55	.400	-.87
.300	-.65	.500	-.87
.350	-.74	.600	-.84
.400	-.64	.703	-.96
.499	-.73	.826	-.91
.600	-.72		
.699	-.81		
.800	-.77		
.900	-.79		
.990	-.75		
	LOWER	SURFACE	
.025	1.30	.025	.66
.050	.91	.050	.65
.075	.79	.100	.62
.100	.69	.150	.63
.150	.58	.200	.60
.200	.44	.250	.60
.250	.31	.300	.60
.300	.31	.400	.62
.350	.26	.500	.47
.400	.15	.600	.57
.499	.04	.703	.59
.600	-.05	.756	.57
.700	-.42		
.800	-.46		
.900	-.24		

APPENDIX B

Flap retracted; $\delta_f = 0^o$, δ_s = Off
$C_T = 1.94$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft^2)
$\frac{z_T}{c} = 0.292$



ALPHA = -6.40 DEGREES
DYNAMIC PRESSURE = 10.942 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER	SURFACE		
0.000	.35	.025	-.57
.025	.59	.050	-.42
.050	.44	.100	-.50
.075	.17	.150	-.47
.100	.24	.200	-.49
.150	.23	.250	-.33
.200	.19	.300	-.40
.250	.09	.400	-.30
.300	.14	.500	-.23
.350	.11	.600	-.22
.400	.07	.703	-.21
.499	.05	.826	-.10
.600	.03		
.699	-.06		
.800	-.13		
.900	-.16		
.990	-.26		
LOWER	SURFACE		
.025	-1.83	.025	.50
.050	-2.19	.050	.49
.075	-1.65	.100	.52
.100	-1.58	.150	.60
.150	-1.35	.200	.58
.200	-1.30	.250	.60
.250	-1.36	.300	.54
.300	-.98	.400	.61
.350	-.87	.500	.56
.400	-.84	.600	.60
.499	-.75	.703	.67
.600	-.68	.756	.65
.700	-.21		
.800	-.53		
.900	-.55		

ALPHA = -4.32 DEGREES
DYNAMIC PRESSURE = 10.911 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER	SURFACE		
0.000	.76	.025	-.61
.025	.41	.050	-.58
.050	.11	.100	-.52
.075	.11	.150	-.57
.100	.11	.200	-.54
.150	.07	.250	-.47
.200	.01	.300	-.42
.250	.00	.400	-.37
.300	.00	.500	-.29
.350	.04	.600	-.25
.400	-.04	.703	-.29
.499	-.01	.826	-.21
.600	-.09		
.699	-.11		
.800	-.17		
.900	-.22		
.990	-.33		
LOWER	SURFACE		
.025	-1.39	.025	.58
.050	-1.53	.050	.58
.075	-1.43	.100	.61
.100	-1.19	.150	.61
.150	-1.18	.200	.60
.200	-1.34	.250	.58
.250	-.91	.300	.63
.300	-.81	.400	.61
.350	-.70	.500	.53
.400	-.76	.600	.64
.499	-.62	.703	.67
.600	-.57	.756	.66
.700	-.23		
.800	-.61		
.900	-.58		

ALPHA = -2.22 DEGREES
DYNAMIC PRESSURE = 10.993 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER	SURFACE		
0.000	.91	.025	-.67
.025	.27	.050	-.65
.050	-.12	.100	-.60
.075	-.17	.150	-.63
.100	-.14	.200	-.58
.150	-.09	.250	-.51
.200	-.15	.300	-.52
.250	-.10	.400	-.45
.300	-.14	.500	-.36
.350	-.12	.600	-.32
.400	-.11	.703	-.32
.499	-.09	.826	-.22
.600	-.14		
.699	-.15		
.800	-.22		
.900	-.26		
.990	-.35		
LOWER	SURFACE		
.025	-.72	.025	.63
.050	-1.24	.050	.59
.075	-1.39	.100	.64
.100	-.66	.150	.64
.150	-.92	.200	.66
.200	-.75	.250	.65
.250	-.76	.300	.67
.300	-.55	.400	.66
.350	-.62	.500	.55
.400	-.54	.600	.67
.499	-.54	.703	.66
.600	-.52	.756	.67
.700	-.17		
.800	-.57		
.900	-.53		

ALPHA = -.15 DEGREES
DYNAMIC PRESSURE = 11.032 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER	SURFACE		
0.000	1.04	.025	-.71
.025	-.61	.050	-.79
.050	-.52	.100	-.67
.075	-.41	.150	-.62
.100	-.42	.200	-.63
.150	-.22	.250	-.56
.200	-.24	.300	-.58
.250	-.33	.400	-.46
.300	-.20	.500	-.37
.350	-.22	.600	-.36
.400	-.19	.703	-.32
.499	-.18	.826	-.22
.600	-.22		
.699	-.17		
.800	-.29		
.900	-.31		
.990	-.36		
LOWER	SURFACE		
.025	-.27	.025	.66
.050	-.54	.050	.65
.075	-.81	.100	.65
.100	-.57	.150	.66
.150	-.61	.200	.64
.200	-.53	.250	.66
.250	-.68	.300	.66
.300	-.60	.400	.66
.350	-.51	.500	.57
.400	-.54	.600	.69
.499	-.48	.703	.71
.600	-.44	.756	.71
.700	-.17		
.800	-.54		
.900	-.49		

ALPHA = 1.94 DEGREES
DYNAMIC PRESSURE = 11.014 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER	SURFACE		
0.000	1.21	.025	-.83
.025	-1.24	.050	-.80
.050	-1.23	.100	-.69
.075	-.65	.150	-.64
.100	-.61	.200	-.61
.150	-.49	.250	-.58
.200	-.43	.300	-.50
.250	-.43	.400	-.46
.300	-.36	.500	-.37
.350	-.32	.600	-.36
.400	-.29	.703	-.35
.499	-.21	.826	-.25
.600	-.29		
.699	-.25		
.800	-.31		
.900	-.29		
.990	-.38		
LOWER	SURFACE		
.025	.04	.025	.65
.050	-.19	.050	.66
.075	-.42	.100	.68
.100	-.34	.150	.68
.150	-.54	.200	.66
.200	-.43	.250	.66
.250	-.42	.300	.65
.300	-.37	.400	.65
.350	-.39	.500	.57
.400	-.38	.600	.67
.499	-.36	.703	.69
.600	-.33	.756	.70
.700	-.13		
.800	-.49		
.900	-.42		

ALPHA = 3.88 DEGREES
DYNAMIC PRESSURE = 10.991 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER	SURFACE		
0.000	.72	.025	-.85
.025	-1.99	.050	-.80
.050	-1.29	.100	-.71
.075	-1.10	.150	-.64
.100	-.84	.200	-.60
.150	-.51	.250	-.59
.200	-.57	.300	-.51
.250	-.56	.400	-.46
.300	-.39	.500	-.37
.350	-.33	.600	-.35
.400	-.33	.703	-.32
.499	-.32	.826	-.24
.600	-.35		
.699	-.29		
.800	-.33		
.900	-.31		
.990	-.39		
LOWER	SURFACE		
.025	.38	.025	.70
.050	.03	.050	.67
.075	-.13	.100	.69
.100	-.21	.150	.67
.150	-.19	.200	.69
.200	-.26	.250	.67
.250	-.29	.300	.66
.300	-.23	.400	.67
.350	-.23	.500	.57
.400	-.25	.600	.70
.499	-.33	.703	.72
.600	-.24	.756	.71
.700	-.16		
.800	-.47		
.900	-.36		

ALPHA = 5.98 DEGREES
DYNAMIC PRESSURE = 11.006 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER	SURFACE		
0.000	.47	.025	-.84
.025	-2.20	.050	-.80
.050	-1.62	.100	-.75
.075	-1.28	.150	-.69
.100	-1.39	.200	-.66
.150	-.72	.250	-.61
.200	-.76	.300	-.56
.250	-.60	.400	-.48
.300	-.51	.500	-.41
.350	-.46	.600	-.35
.400	-.43	.703	-.37
.499	-.39	.826	-.23
.600	-.36		
.699	-.36		
.800	-.35		
.900	-.37		
.990	-.39		
LOWER	SURFACE		
.025	.73	.025	.72
.050	.34	.050	.71
.075	.14	.100	.68
.100	-.33	.150	.69
.150	-.06	.200	.71
.200	-.05	.250	.71
.250	-.16	.300	.70
.300	-.08	.400	.69
.350	-.13	.500	.57
.400	-.12	.600	.70
.499	-.17	.703	.71
.600	-.22	.756	.71
.700	-.14		
.800	-.37		
.900	-.30		

ALPHA = 7.81 DEGREES
DYNAMIC PRESSURE = 10.957 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
UPPER	SURFACE		
0.000	.24	.025	-.83
.025	-2.95	.050	-.83
.050	-2.08	.100	-.76
.075	-1.59	.150	-.72
.100	-1.28	.200	-.68
.150	-.81	.250	-.61
.200	-.91	.300	-.56
.250	-.80	.400	-.51
.300	-.61	.500	-.41
.350	-.53	.600	-.37
.400	-.51	.703	-.36
.499	-.43	.826	-.25
.600	-.40		
.699	-.38		
.800	-.38		
.900	-.36		
.990	-.41		
LOWER	SURFACE		
.025	.87	.025	.70
.050	.46	.050	.68
.075	.44	.100	.73
.100	.25	.150	.71
.150	.07	.200	.68
.200	-.06	.250	.70
.250	.04	.300	.70
.300	.01	.400	.69
.350	.03	.500	.56
.400	-.00	.600	.69
.499	-.10	.703	.69
.600	-.15	.756	.74
.700	-.14		
.800	-.40		
.900	-.24		

ALPHA = 9.80 DEGREES
DYNAMIC PRESSURE = 10.930 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER SURFACE		
0.000	-.40	.025	-.82
.025	-2.06	.050	-.76
.050	-1.32	.100	-.76
.075	-1.80	.150	-.66
.100	-1.38	.200	-.64
.150	-1.31	.250	-.68
.200	-1.16	.300	-.57
.250	-1.00	.400	-.53
.300	-.94	.500	-.43
.350	-.89	.600	-.38
.400	-.61	.703	-.36
.499	-.55	.826	-.27
.600	-.47		
.699	-.43		
.800	-.47		
.900	-.41		
.990	-.44		
	LOWER SURFACE		
.025	.93	.025	.69
.050	.56	.050	.66
.075	.41	.100	.68
.100	.34	.150	.71
.150	.17	.200	.69
.200	.13	.250	.68
.250	.05	.300	.66
.300	.08	.400	.68
.350	.04	.500	.53
.400	-.02	.600	.70
.499	-.07	.703	.70
.600	-.13	.756	.69
.700	-.15		
.800	-.36		
.900	-.25		

ALPHA = 11.78 DEGREES
DYNAMIC PRESSURE = 10.923 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER SURFACE		
0.000	-.09	.025	-.85
.025	-2.92	.050	-.81
.050	-1.07	.100	-.74
.075	-1.39	.150	-.66
.100	-.94	.200	-.67
.150	-1.22	.250	-.60
.200	-1.17	.300	-.57
.250	-1.21	.400	-.51
.300	-1.26	.500	-.49
.350	-1.01	.600	-.40
.400	-1.01	.703	-.55
.499	-.85	.826	-.46
.600	-.79		
.699	-.81		
.800	-.55		
.900	-.53		
.990	-.42		
	LOWER SURFACE		
.025	.92	.025	.69
.050	.53	.050	.68
.075	.51	.100	.68
.100	.43	.150	.66
.150	.25	.200	.64
.200	.18	.250	.69
.250	.15	.300	.67
.300	.12	.400	.68
.350	.06	.500	.52
.400	.03	.600	.66
.499	-.06	.703	.67
.600	-.14	.756	.62
.700	-.16		
.800	-.40		
.900	-.28		

ALPHA = 13.71 DEGREES
DYNAMIC PRESSURE = 10.908 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER SURFACE		
0.000	-.33	.025	-1.03
.025	-1.15	.050	-.97
.050	-1.04	.100	-.85
.075	-.95	.150	-.93
.100	-.99	.200	-.73
.150	-.78	.250	-.81
.200	-1.05	.300	-.80
.250	-.98	.400	-.64
.300	-.93	.500	-.53
.350	-.99	.600	-.67
.400	-1.03	.703	-.51
.499	-1.11	.826	-.52
.600	-.84		
.699	-.67		
.800	-.77		
.900	-.65		
.990	-.55		
	LOWER SURFACE		
.025	.91	.025	.68
.050	.69	.050	.64
.075	.49	.100	.63
.100	.48	.150	.67
.150	.29	.200	.63
.200	.22	.250	.62
.250	.18	.300	.68
.300	.12	.400	.62
.350	.07	.500	.54
.400	.06	.600	.65
.499	-.06	.703	.68
.600	-.17	.756	.66
.700	-.37		
.800	-.54		
.900	-.31		

ALPHA = 15.65 DEGREES
DYNAMIC PRESSURE = 10.929 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER SURFACE		
0.000	-.10	.025	-1.15
.025	-.89	.050	-1.10
.050	-.77	.100	-1.05
.075	-.80	.150	-1.06
.100	-.73	.200	-.98
.150	-.81	.250	-.94
.200	-.82	.300	-.92
.250	-.77	.400	-.93
.300	-.90	.500	-.81
.350	-.81	.600	-.86
.400	-.91	.703	-.79
.499	-.88	.826	-.77
.600	-.91		
.699	-.88		
.800	-.86		
.900	-.80		
.990	-.83		
	LOWER SURFACE		
.025	.98	.025	.67
.050	.77	.050	.64
.075	.58	.100	.64
.100	.54	.150	.64
.150	.32	.200	.63
.200	.22	.250	.62
.250	.18	.300	.61
.300	.16	.400	.60
.350	.11	.500	.50
.400	.05	.600	.57
.499	-.04	.703	.65
.600	-.15	.756	.64
.700	-.34		
.800	-.50		
.900	-.28		

ALPHA = 17.51 DEGREES
DYNAMIC PRESSURE = 10.952 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER SURFACE		
0.000	-.19	.025	-1.15
.025	-.79	.050	-1.15
.050	-.73	.100	-1.09
.075	-.73	.150	-1.03
.100	-.76	.200	-.98
.150	-.78	.250	-.99
.200	-.73	.300	-.90
.250	-.72	.400	-.89
.300	-.76	.500	-.84
.350	-.82	.600	-.85
.400	-.78	.703	-.86
.499	-.81	.826	-.77
.600	-.89		
.699	-.83		
.800	-.80		
.900	-.77		
.990	-.81		
	LOWER SURFACE		
.025	.99	.025	.67
.050	.82	.050	.62
.075	.58	.100	.62
.100	.57	.150	.62
.150	.39	.200	.61
.200	.33	.250	.58
.250	.20	.300	.60
.300	.17	.400	.59
.350	.17	.500	.49
.400	.08	.600	.58
.499	-.02	.703	.61
.600	-.09	.756	.61
.700	-.44		
.800	-.52		
.900	-.32		

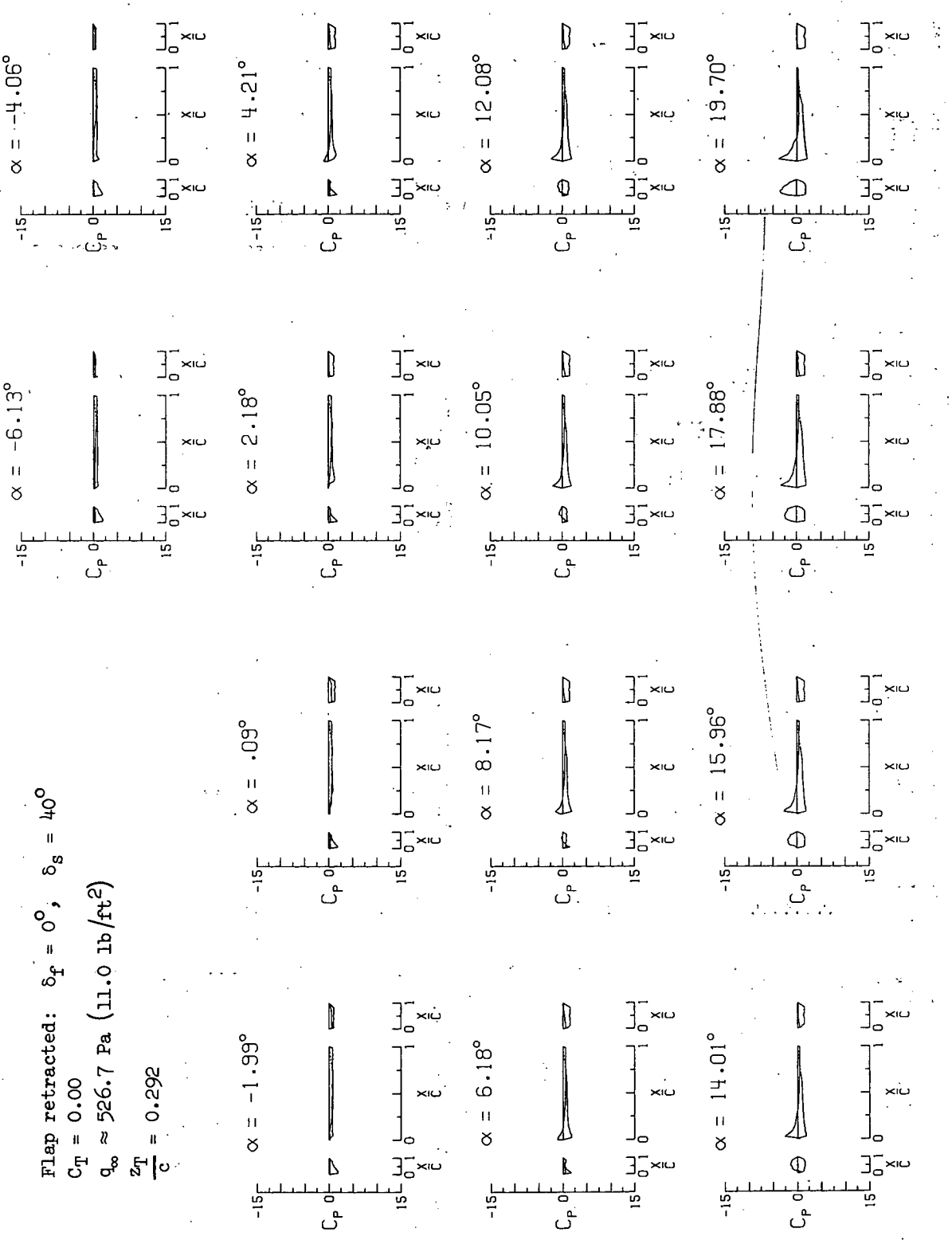
ALPHA = 19.37 DEGREES
DYNAMIC PRESSURE = 10.928 LBF/SQ.FT.

AIRFOIL LEADING SECTION X/C	CP	AIRFOIL TRAILING SECTION X/C	CP
	UPPER SURFACE		
0.000	-.24	.025	-1.16
.025	-.71	.050	-1.15
.050	-.69	.100	-1.09
.075	-.77	.150	-1.05
.100	-.71	.200	-.91
.150	-.72	.250	-.96
.200	-.70	.300	-.90
.250	-.73	.400	-.92
.300	-.81	.500	-.90
.350	-.69	.600	-.85
.400	-.71	.703	-.94
.499	-.77	.826	-.95
.600	-.78		
.699	-.82		
.800	-.82		
.900	-.82		
.990	-.80		
	LOWER SURFACE		
.025	.99	.025	.70
.050	.84	.050	.64
.075	.79	.100	.65
.100	.55	.150	.62
.150	.52	.200	.61
.200	.41	.250	.60
.250	.30	.300	.63
.300	.24	.400	.57
.350	.15	.500	.43
.400	.17	.600	.60
.499	.04	.703	.59
.600	-.14	.756	.57
.700	-.45		
.800	-.54		
.900	-.29		

APPENDIX C

PRESSURE DATA FOR $\delta_f = 0^o$, $\delta_s = 40^o$, AND MEDIUM PYLON

The pressure measurements made on the wing with the flap retracted $(\delta_f = 0^o)$ and the leading-edge slat deflected $(\delta_s = 40^o)$ are presented in this appendix in coefficient form in graphs and tables. These data are for the medium-length pylon and are arranged in order of increasing thrust coefficient.


Flap retracted: $\delta_f = 0°$, $\delta_s = 40°$
$C_T = 0.00$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.292$
α = -6.13°
α = -4.06°
α = -1.99°
α = .09°
α = 2.18°
α = 4.21°
α = 6.18°
α = 8.17°
α = 10.05°
α = 12.08°
α = 14.01°
α = 15.96°
α = 17.88°
α = 19.70°
C_P
x/c

ALPHA = -6.14 DEGREES
DYNAMIC PRESSURE = 10.857 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	1.88	0.000	.28	.025	.57
.150	1.94	.025	.99	.050	.34
.200	1.92	.050	.98	.100	.38
.300	1.78	.075	.83	.150	.30
.400	1.50	.100	.78	.200	.40
.500	1.30	.150	.84	.250	.37
.600	1.11	.200	.82	.300	.36
.700	.99	.250	.81	.400	.35
.800	.87	.300	.83	.500	.47
		.350	.96	.600	.42
		.400	.86	.703	.45
		.499	.83	.826	.45
		.600	.80		
		.699	.83		
		.800	.74		
		.900	.73		
		.990	.71		
		LOWER SURFACE			
.075	.33	.025	.31	.025	.40
.150	.34	.050	.23	.050	.40
.200	.36	.075	.31	.100	.32
.300	.30	.100	.35	.150	.36
.400	.32	.150	.29	.200	.38
.500	.35	.200	.31	.250	.35
.600	.30	.250	.26	.300	.33
.700	.27	.300	.30	.400	.33
.861	.29	.350	.36	.500	.28
		.400	.36	.600	.32
		.499	.37	.703	.27
		.600	.42	.756	.32

ALPHA = -4.07 DEGREES
DYNAMIC PRESSURE = 10.979 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	1.84	0.000	.02	.025	.63
.150	1.93	.025	1.24	.050	.63
.200	1.87	.050	.89	.100	.49
.300	1.63	.075	.71	.150	.38
.400	1.44	.100	.74	.200	.49
.500	1.20	.150	.78	.250	.58
.600	.99	.200	.77	.300	.55
.700	.92	.250	.78	.400	.59
.800	.82	.300	.81	.500	.53
		.350	.81	.600	.65
		.400	.85	.703	.86
		.499	.81	.826	.67
		.600	.81		
		.699	.79		
		.800	.75		
		.900	.74		
		.990	.76		
		LOWER SURFACE			
.075	.10	.025	.17	.025	.45
.150	.22	.050	.04	.050	.44
.200	.10	.075	.14	.100	.46
.300	.20	.100	.05	.150	.40
.400	.14	.150	.07	.200	.39
.500	.08	.200	.12	.250	.40
.600	.13	.250	.17	.300	.42
.700	.13	.300	.26	.400	.38
.861	.14	.350	.27	.500	.41
		.400	.44	.600	.44
		.499	.60	.703	.41
		.600	.65	.756	.40

ALPHA = -1.93 DEGREES
DYNAMIC PRESSURE = 10.962 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	1.86	0.000	.15	.025	.86
.150	1.88	.025	.25	.050	1.01
.200	1.83	.050	.51	.100	.94
.300	1.59	.075	.70	.150	.88
.400	1.31	.100	.67	.200	.93
.500	1.05	.150	.72	.250	.96
.600	.87	.200	.72	.300	.93
.700	.69	.250	.68	.400	.99
.800	.48	.300	.74	.500	.87
		.350	.77	.600	1.01
		.400	.80	.703	1.02
		.499	.80	.826	1.01
		.600	.79		
		.699	.80		
		.800	.74		
		.900	.79		
		.990	.77		
		LOWER SURFACE			
.075	.11	.025	.16	.025	.66
.150	.14	.050	.14	.050	.63
.200	.11	.075	.08	.100	.62
.300	.12	.100	.16	.150	.59
.400	.14	.150	.25	.200	.59
.500	.13	.200	.49	.250	.54
.600	.12	.250	.62	.300	.51
.700	.08	.300	.63	.400	.52
.861	.10	.350	.57	.500	.52
		.400	.68	.600	.53
		.499	.73	.703	.49
		.600	.73	.756	.51

ALPHA = .03 DEGREES
DYNAMIC PRESSURE = 10.946 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	1.93	0.000	.30	.025	1.03
.150	1.84	.025	.23	.050	1.31
.200	1.65	.050	.29	.100	1.37
.300	1.32	.075	.30	.150	1.36
.400	1.13	.100	.55	.200	1.33
.500	.93	.150	.55	.250	1.36
.600	.65	.200	.56	.300	1.35
.700	.57	.250	.61	.400	1.33
.800	.57	.300	.65	.500	1.19
		.350	.67	.600	1.42
		.400	.71	.703	1.32
		.499	.70	.826	1.43
		.600	.72		
		.699	.71		
		.800	.66		
		.900	.69		
		.990	.66		
		LOWER SURFACE			
.075	.34	.025	.30	.025	.83
.150	.23	.050	.17	.050	.74
.200	.34	.075	.22	.100	.68
.300	.26	.100	.32	.150	.67
.400	.25	.150	.49	.200	.68
.500	.34	.200	.58	.250	.61
.600	.34	.250	.51	.300	.57
.700	.30	.300	.56	.400	.60
.861	.34	.350	.81	.500	.57
		.400	.77	.600	.64
		.499	.73	.703	.64
		.600	.72	.756	.59

ALPHA = 2.18 DEGREES
DYNAMIC PRESSURE = 10.930 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	1.93	0.000	-.09	.025	.67
.150	1.64	.025	-.07	.050	1.13
.200	1.51	.050	.06	.100	1.12
.300	1.16	.075	.16	.150	1.11
.400	.94	.100	.19	.200	1.13
.500	.67	.150	.37	.250	1.10
.600	.41	.200	.39	.300	1.12
.700	.39	.250	.45	.400	1.12
.800	.45	.300	.53	.500	.95
		.350	.56	.600	1.11
		.400	.66	.703	1.17
		.499	.66	.826	1.12
		.600	.66		
		.699	.66		
		.800	.66		
		.900	.67		
		.990	.63		
		LOWER SURFACE			
.075	.41	.025	.18	.025	.36
.150	.41	.050	.22	.050	.28
.200	.39	.075	1.12	.100	.28
.300	.36	.100	1.33	.150	.23
.400	.31	.150	1.15	.200	.20
.500	.40	.200	1.00	.250	.15
.600	.41	.250	.88	.300	.14
.700	.40	.300	.88	.400	.08
.861	.44	.350	.85	.500	.10
		.400	.85	.600	.07
		.499	.75	.703	.10
		.600	.76	.756	.11

ALPHA = 4.22 DEGREES
DYNAMIC PRESSURE = 10.947 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	1.69	0.000	-.58	.025	.95
.150	1.58	.025	-.55	.050	1.46
.200	1.35	.050	-.45	.100	1.48
.300	.97	.075	-.09	.150	1.47
.400	.59	.100	-.05	.200	1.47
.500	.43	.150	.18	.250	1.47
.600	.34	.200	.31	.300	1.46
.700	.25	.250	.30	.400	1.46
.800	.32	.300	.40	.500	1.29
		.350	.51	.600	1.45
		.400	.55	.703	1.48
		.499	.58	.826	1.49
		.600	.61		
		.699	.61		
		.800	.62		
		.900	.64		
		.990	.61		
		LOWER SURFACE			
.075	.33	.025	1.18	.025	.62
.150	.35	.050	1.52	.050	.54
.200	.28	.075	1.66	.100	.53
.300	.29	.100	1.46	.150	.52
.400	.20	.150	1.15	.200	.45
.500	.22	.200	1.02	.250	.40
.600	.27	.250	.92	.300	.38
.700	.31	.300	.90	.400	.34
.861	.55	.350	.92	.500	.32
		.400	.87	.600	.26
		.499	.82	.703	.32
		.600	.79	.756	.27

ALPHA = 6.19 DEGREES
DYNAMIC PRESSURE = 10.923 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	1.83	0.000	-1.14	.025	1.01
.150	1.44	.025	-1.05	.050	1.09
.200	1.22	.050	-.62	.100	1.42
.300	.73	.075	-.37	.150	1.57
.400	.53	.100	-.12	.200	1.55
.500	.11	.150	.06	.250	1.55
.600	.09	.200	.13	.300	1.55
.700	.13	.250	.26	.400	1.54
.900	.11	.300	.29	.500	1.37
		.350	.43	.600	1.55
		.400	.48	.703	1.57
		.499	.49	.826	1.59
		.600	.55		
		.699	.58		
		.800	.59		
		.900	.60		
		.990	.57		
		LOWER SURFACE			
.075	.43	.025	1.89	.025	.68
.150	.48	.050	1.82	.050	.60
.200	.45	.075	1.55	.100	.62
.300	.37	.100	1.43	.150	.58
.400	.35	.150	1.15	.200	.51
.500	.40	.200	1.08	.250	.47
.600	.40	.250	.98	.300	.42
.700	.47	.300	.98	.400	.37
.861	.69	.350	.97	.500	.32
		.400	.91	.600	.23
		.499	.85	.703	.14
		.600	.85	.756	.18

ALPHA = 8.17 DEGREES
DYNAMIC PRESSURE = 10.886 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	1.67	0.000	-.60	.025	.90
.150	.97	.025	-1.58	.050	1.50
.200	.79	.050	-1.03	.100	1.50
.300	.48	.075	-.52	.150	1.51
.400	.09	.100	-.36	.200	1.52
.500	-.14	.150	-.06	.250	1.49
.600	-.18	.200	.04	.300	1.50
.700	-.22	.250	.09	.400	1.49
.800	.02	.300	.26	.500	1.29
		.350	.35	.600	1.49
		.400	.40	.703	1.50
		.439	.47	.826	1.51
		.600	.50		
		.699	.51		
		.800	.54		
		.900	.57		
		.990	.57		
		LOWER SURFACE			
.075	.75	.025	1.55	.025	.61
.150	.67	.050	1.76	.050	.52
.200	.72	.075	1.60	.100	.53
.300	.58	.100	1.44	.150	.49
.400	.61	.150	1.20	.200	.41
.500	.77	.200	1.13	.250	.35
.600	.72	.250	1.10	.300	.33
.700	.80	.300	1.08	.400	.24
.861	.87	.350	1.01	.500	.17
		.400	1.00	.600	.14
		.499	.93	.703	.12
		.600	.93	.756	.12

ALPHA = 10.06 DEGREES
DYNAMIC PRESSURE = 10.966 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	1.29	0.000	-.05	.025	1.38
.150	.54	.025	-2.06	.050	1.60
.200	.51	.050	-1.29	.100	1.59
.300	-.11	.075	-.80	.150	1.59
.400	-.03	.100	-.46	.200	1.58
.500	-.70	.150	-.24	.250	1.58
.600	-.63	.200	-.14	.300	1.59
.700	-.51	.250	-.03	.400	1.58
.800	-.34	.300	.15	.500	1.38
		.350	.26	.600	1.57
		.400	.34	.703	1.60
		.499	.42	.826	1.59
		.600	.44		
		.699	.49		
		.800	.51		
		.900	.52		
		.990	.53		
		LOWER SURFACE			
.075	1.04	.025	1.64	.025	.69
.150	1.09	.050	1.81	.050	.60
.200	1.03	.075	1.62	.100	.59
.300	1.01	.100	1.50	.150	.55
.400	.98	.150	1.36	.200	.47
.500	.64	.200	1.25	.250	.44
.600	.93	.250	1.21	.300	.35
.700	.97	.300	1.09	.400	.29
.961	.95	.350	1.14	.500	.24
		.400	1.06	.600	.20
		.499	.96	.703	.18
		.600	.95	.756	.22

ALPHA = 12.09 DEGREES
DYNAMIC PRESSURE = 10.949 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	1.05	0.000	.30	.025	1.04
.150	.22	.025	-2.39	.050	1.07
.200	-.11	.050	-1.74	.100	1.13
.300	-.67	.075	-1.07	.150	1.51
.400	-.64	.100	-.72	.200	1.50
.500	-.73	.150	-.27	.250	1.59
.600	-.97	.200	-.23	.300	1.59
.700	-.82	.250	-.09	.400	1.58
.800	-.87	.300	.03	.500	1.38
		.350	.17	.600	1.59
		.400	.30	.703	1.60
		.459	.34	.826	1.61
		.500	.39		
		.699	.47		
		.800	.48		
		.900	.51		
		.990	.53		
		LOWER SURFACE			
.075	1.27	.025	1.97	.025	.67
.150	1.19	.050	1.83	.050	.58
.200	1.20	.075	1.70	.100	.56
.300	1.24	.100	1.63	.150	.52
.400	1.40	.150	1.48	.200	.44
.500	1.42	.200	1.36	.250	.37
.600	1.25	.250	1.25	.300	.34
.700	1.35	.300	1.25	.400	.28
.861	1.20	.350	1.20	.500	.23
		.400	1.14	.600	.21
		.499	1.03	.703	.21
		.600	1.00	.756	.22

ALPHA = 14.02 DEGREES
DYNAMIC PRESSURE = 10.942 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	.68	0.000	.62	.025	.92
.150	-.36	.025	-2.67	.050	.97
.200	-.83	.050	-2.00	.100	1.06
.300	-1.15	.075	-1.27	.150	1.56
.400	-1.21	.100	-.55	.200	1.54
.500	-1.55	.150	-.54	.250	1.54
.600	-1.42	.200	-.37	.300	1.53
.700	-1.28	.250	-.25	.400	1.52
.800	-1.07	.300	-.05	.500	1.33
		.350	.12	.600	1.53
		.400	.20	.703	1.54
		.499	.29	.826	1.54
		.600	.37		
		.699	.44		
		.800	.49		
		.900	.51		
		.990	.50		
		LOWER SURFACE			
.075	1.31	.025	1.95	.025	.60
.150	1.44	.050	1.86	.050	.51
.200	1.46	.075	1.72	.100	.49
.300	1.53	.100	1.67	.150	.42
.400	1.65	.150	1.53	.200	.36
.500	1.68	.200	1.40	.250	.30
.600	1.62	.250	1.35	.300	.24
.700	1.60	.300	1.28	.400	.19
.861	1.26	.350	1.23	.500	.19
		.400	1.21	.600	.16
		.499	1.10	.703	.14
		.600	1.05	.756	.17

ALPHA = 15.96 DEGREES
DYNAMIC PRESSURE = 10.917 LBF/SQ.FT.

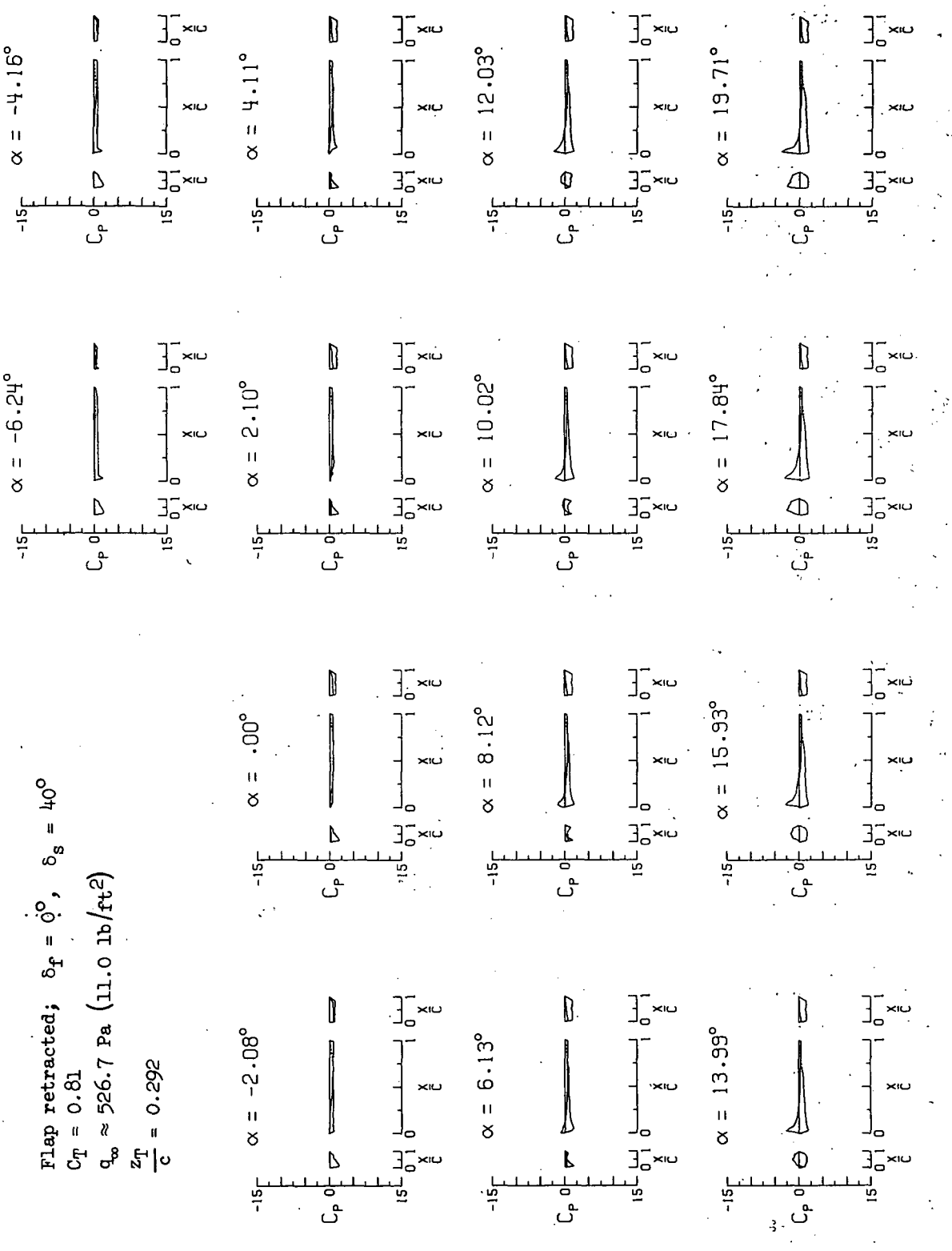
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	-.38	0.000	.59	.025	1.00
.150	-.63	.025	-2.83	.050	1.63
.200	-1.70	.050	-2.35	.100	1.64
.300	-1.92	.075	-1.40	.150	1.62
.400	-1.80	.100	-1.15	.200	1.63
.500	-2.08	.150	-.67	.250	1.63
.600	-1.82	.200	-.49	.300	1.62
.700	-1.51	.250	-.28	.400	1.60
.800	-1.42	.300	-.09	.500	1.40
		.350	.08	.600	1.61
		.400	.12	.703	1.62
		.499	.32	.826	1.62
		.600	.34		
		.699	.40		
		.800	.43		
		.900	.51		
		.990	.54		
		LOWER SURFACE			
.075	1.45	.025	1.94	.025	.68
.150	1.63	.050	1.88	.050	.57
.200	1.66	.075	1.82	.100	.54
.300	1.67	.100	1.70	.150	.50
.400	1.66	.150	1.61	.200	.47
.500	1.69	.200	1.51	.250	.39
.600	1.68	.250	1.45	.300	.34
.700	1.59	.300	1.39	.400	.28
.961	1.23	.350	1.30	.500	.25
		.400	1.24	.600	.26
		.499	1.18	.703	.25
		.600	1.13	.756	.28

ALPHA = 17.88 DEGREES
DYNAMIC PRESSURE = 10.935 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	-1.33	0.000	.42	.025	1.01
.150	-1.93	.025	-3.47	.050	1.67
.200	-2.34	.050	-2.61	.100	1.65
.300	-2.61	.075	-1.61	.150	1.65
.400	-2.89	.100	-1.36	.200	1.64
.500	-2.46	.150	-.80	.250	1.64
.600	-2.27	.200	-.61	.300	1.64
.700	-1.67	.250	-.38	.400	1.61
.800	-2.05	.300	-.20	.500	1.42
		.350	-.01	.600	1.61
		.400	.08	.703	1.63
		.499	.22	.826	1.63
		.600	.33		
		.699	.40		
		.800	.44		
		.900	.50		
		.990	.51		
		LOWER SURFACE			
.075	1.75	.025	1.96	.025	.67
.150	1.69	.050	1.91	.050	.58
.200	1.69	.075	1.87	.100	.56
.300	1.69	.100	1.80	.150	.53
.400	1.67	.150	1.67	.200	.44
.500	1.68	.200	1.59	.250	.38
.600	1.66	.250	1.54	.300	.33
.700	1.60	.300	1.44	.400	.29
.861	1.17	.350	1.40	.500	.29
		.400	1.35	.600	.26
		.499	1.24	.703	.32
		.600	1.13	.756	.30

ALPHA = 19.71 DEGREES
DYNAMIC PRESSURE = 10.940 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	-2.22	0.000	.30	.025	.99
.150	-3.11	.025	-3.90	.050	1.49
.200	-3.45	.050	-3.01	.100	1.65
.300	-3.65	.075	-1.82	.150	1.63
.400	-3.07	.100	-1.49	.200	1.63
.500	-3.04	.150	-.86	.250	1.61
.600	-2.63	.200	-.60	.300	1.60
.700	-1.95	.250	.00	.400	1.57
.800	-1.63	.300	.17	.500	1.37
		.350	.27	.600	1.58
		.400	.30	.703	1.60
		.499	.41	.826	1.58
		.600	.34		
		.699	.35		
		.800	.32		
		.900	.26		
		.990	.21		
		LOWER SURFACE			
.075	1.72	.025	2.05	.025	.26
.150	1.77	.050	2.00	.050	.16
.200	1.78	.075	1.92	.100	.15
.300	1.75	.100	1.89	.150	.15
.400	1.79	.150	1.71	.200	.05
.500	1.77	.200	1.63	.250	-.03
.600	1.76	.250	1.53	.300	-.02
.700	1.69	.300	1.48	.400	-.08
.861	1.32	.350	1.42	.500	-.02
		.400	1.34	.600	-.07
		.499	1.25	.703	-.04
		.600	1.15	.756	-.02


Flap retracted; $\delta_f = 0^\circ$, $\delta_s = 40^\circ$
$C_T = 0.81$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft2)
$\frac{z_T}{c} = 0.292$
α = -4.16°
α = -6.24°
α = 4.11°
α = 2.10°
α = 12.03°
α = 10.02°
α = 19.71°
α = 17.84°
α = .00°
α = -2.08°
α = 8.12°
α = 6.13°
α = 15.93°
α = 13.99°
C_p
-1.5
0
1.5
0
1
x/c

ALPHA = -6.24 DEGREES
DYNAMIC PRESSURE = 10.872 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER	SURFACE		
.075	1.77	0.000	-.13	.025	.96
.150	1.94	.025	1.81	.050	.68
.200	1.64	.050	.67	.100	.38
.300	1.75	.075	.83	.150	.41
.400	1.54	.100	.82	.200	.27
.500	1.39	.150	.85	.250	.28
.600	1.19	.200	.83	.300	.44
.700	1.05	.250	.84	.400	.54
.800	.99	.300	.83	.500	.51
		.350	.87	.600	.56
		.400	.85	.703	.58
		.499	.83	.826	.65
		.600	.77		
		.699	.75		
		.800	.66		
		.900	.43		
		.990	.38		
		LOWER	SURFACE		
.075	.11	.025	.01	.025	.63
.150	.12	.050	.07	.050	.60
.200	.07	.075	.08	.100	.38
.300	.19	.100	.07	.150	.36
.400	.05	.150	-.00	.200	.25
.500	.09	.200	.08	.250	.36
.600	.03	.250	.09	.300	.30
.700	.08	.300	.07	.400	.29
.861	.05	.350	.02	.500	.32
		.400	.06	.600	.48
		.499	.12	.703	.33
		.600	.19	.756	.22

ALPHA = -4.16 DEGREES
DYNAMIC PRESSURE = 10.958 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER	SURFACE		
.075	1.75	0.000	-.37	.025	.63
.150	1.93	.025	1.81	.050	.68
.200	1.62	.050	.53	.100	.70
.300	1.71	.075	.79	.150	.69
.400	1.55	.100	.81	.200	.74
.500	1.31	.150	.82	.250	.75
.600	1.04	.200	.79	.300	.90
.700	.98	.250	.81	.400	.82
.800	.85	.300	.83	.500	.85
		.350	.81	.600	.68
		.400	.84	.703	.89
		.499	.82	.826	.99
		.600	.81		
		.699	.78		
		.800	.72		
		.900	.75		
		.990	.76		
		LOWER	SURFACE		
.075	-.07	.025	-.07	.025	.74
.150	-.06	.050	-.08	.050	.69
.200	-.07	.075	-.00	.100	.65
.300	-.10	.100	-.00	.150	.70
.400	-.01	.150	-.05	.200	.75
.500	-.07	.200	-.09	.250	.75
.600	-.17	.250	-.07	.300	.71
.700	-.18	.300	.03	.400	.60
.861	-.14	.350	.12	.500	.51
		.400	.14	.600	.57
		.449	.31	.703	.71
		.600	.40	.756	.69

ALPHA = -2.03 DEGREES
DYNAMIC PRESSURE = 10.939 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER	SURFACE		
.075	1.85	0.000	-.19	.025	1.01
.150	1.91	.025	1.00	.050	1.13
.200	1.85	.050	.80	.100	1.02
.300	1.61	.075	.66	.150	1.05
.400	1.39	.100	.67	.200	.99
.500	1.20	.150	.75	.250	.97
.600	.85	.200	.64	.300	1.17
.700	.82	.250	.71	.400	1.04
.800	.74	.300	.75	.500	.97
		.350	.78	.600	1.15
		.400	.77	.703	1.18
		.459	.77	.826	1.15
		.600	.77		
		.699	.77		
		.800	.73		
		.900	.74		
		.990	.77		
		LOWER	SURFACE		
.075	.03	.025	-.04	.025	.82
.150	-.01	.050	-.06	.050	.82
.200	.02	.075	-.02	.100	.79
.300	-.02	.100	-.05	.150	.80
.400	.00	.150	-.00	.200	.78
.500	-.08	.200	.02	.250	.79
.600	.00	.250	.08	.300	.78
.700	-.13	.300	.24	.400	.70
.861	-.12	.350	.28	.500	.78
		.400	.43	.600	.71
		.499	.49	.703	.75
		.600	.56	.756	.75

ALPHA = .01 DEGREES
DYNAMIC PRESSURE = 10.974 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER	SURFACE		
.075	1.92	0.000	.18	.025	.99
.150	1.87	.025	.22	.050	1.24
.200	1.71	.050	.54	.100	1.36
.300	1.41	.075	.56	.150	1.30
.400	1.20	.100	.55	.200	1.30
.500	.98	.150	.63	.250	1.29
.600	.67	.200	.56	.300	1.36
.700	.61	.250	.60	.400	1.34
.800	.60	.300	.65	.500	1.17
		.350	.72	.600	1.28
		.400	.73	.703	1.34
		.499	.72	.826	1.34
		.600	.73		
		.699	.69		
		.800	.68		
		.900	.59		
		.990	.66		
		LOWER	SURFACE		
.075	.13	.025	.13	.025	.82
.150	.14	.050	.12	.050	.74
.200	.13	.075	.10	.100	.74
.300	.18	.100	.14	.150	.71
.400	.18	.150	.24	.200	.66
.500	.14	.200	.47	.250	.67
.600	.15	.250	.56	.300	.60
.700	.15	.300	.73	.400	.63
.861	.13	.350	.60	.500	.61
		.400	.68	.600	.61
		.439	.64	.703	.58
		.600	.63	.756	.57

ALPHA = 2.11 DEGREES
DYNAMIC PRESSURE = 11.008 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER	SURFACE		
.075	1.53	0.000	.24	.025	1.45
.150	1.78	.025	.18	.050	1.48
.200	1.64	.050	.18	.100	1.52
.300	1.24	.075	.22	.150	1.51
.400	1.03	.100	.36	.200	1.46
.500	.72	.150	.42	.250	1.50
.600	.55	.200	.49	.300	1.48
.700	.45	.250	.52	.400	1.49
.800	.49	.300	.56	.500	1.33
		.350	.60	.600	1.49
		.400	.60	.703	1.55
		.499	.63	.826	1.52
		.600	.66		
		.699	.66		
		.800	.62		
		.900	.64		
		.990	.61		
		LOWER	SURFACE		
.075	.31	.025	.24	.025	.75
.150	.33	.050	.31	.050	.67
.200	.36	.075	.73	.100	.66
.300	.32	.100	.40	.150	.63
.400	.31	.150	.80	.200	.56
.500	.31	.200	.95	.250	.56
.600	.34	.250	.87	.300	.49
.700	.32	.300	.80	.400	.45
.861	.30	.350	.79	.500	.46
		.400	.72	.600	.50
		.499	.67	.703	.44
		.600	.67	.756	.42

ALPHA = 4.11 DEGREES
DYNAMIC PRESSURE = 10.993 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER	SURFACE		
.075	1.54	0.000	.00	.025	1.48
.150	1.64	.025	-.21	.050	1.54
.200	1.46	.050	-.09	.100	1.55
.300	1.04	.075	.03	.150	1.55
.400	.80	.100	.13	.200	1.55
.500	.61	.150	.31	.250	1.53
.600	.34	.200	.36	.300	1.55
.700	.34	.250	.39	.400	1.55
.800	.37	.300	.44	.500	1.35
		.350	.55	.600	1.55
		.400	.54	.703	1.57
		.499	.57	.826	1.58
		.600	.64		
		.699	.64		
		.800	.61		
		.900	.57		
		.990	.64		
		LOWER	SURFACE		
.075	.37	.025	.39	.025	.69
.150	.34	.050	.65	.050	.64
.200	.31	.075	1.66	.100	.62
.300	.30	.100	1.29	.150	.59
.400	.27	.150	1.14	.200	.54
.500	.24	.200	1.00	.250	.48
.600	.31	.250	.89	.300	.44
.700	.37	.300	.87	.400	.39
.861	.54	.350	.82	.500	.41
		.400	.80	.600	.37
		.499	.77	.703	.43
		.600	.71	.756	.40

ALPHA = 6.13 DEGREES
DYNAMIC PRESSURE = 10.975 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER	SURFACE		
.075	1.89	0.000	-.93	.025	.98
.150	1.63	.025	-.45	.050	1.55
.200	1.27	.050	-.56	.100	1.58
.300	.82	.075	-.31	.150	1.57
.400	.61	.100	-.10	.200	1.57
.500	.27	.150	.09	.250	1.58
.600	.22	.200	.18	.300	1.56
.700	.23	.250	.30	.400	1.56
.800	.28	.300	.34	.500	1.36
		.350	.46	.600	1.56
		.400	.44	.703	1.58
		.499	.53	.826	1.58
		.600	.56		
		.699	.56		
		.800	.57		
		.900	.58		
		.990	.58		
		LOWER	SURFACE		
.075	.35	.025	1.54	.025	.69
.150	.35	.050	1.77	.050	.59
.200	.34	.075	1.61	.100	.61
.300	.29	.100	1.38	.150	.56
.400	.32	.150	1.14	.200	.51
.500	.30	.200	1.01	.250	.44
.600	.33	.250	.99	.300	.42
.700	.38	.300	.97	.400	.37
.861	.67	.350	.92	.500	.35
		.400	.84	.600	.28
		.499	.76	.703	.26
		.600	.74	.756	.16

ALPHA = 8.12 DEGREES
DYNAMIC PRESSURE = 10.968 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER	SURFACE		
.075	1.43	0.000	-.62	.025	1.54
.150	1.27	.025	-1.44	.050	1.61
.200	.76	.050	-1.23	.100	1.61
.300	.32	.075	-.65	.150	1.62
.400	.30	.100	-.31	.200	1.60
.500	-.07	.150	-.04	.250	1.59
.600	-.04	.200	.07	.300	1.60
.700	-.03	.250	.17	.400	1.57
.800	.03	.300	.24	.500	1.39
		.350	.40	.600	1.58
		.400	.36	.703	1.61
		.499	.51	.826	1.61
		.600	.51		
		.699	.54		
		.800	.53		
		.900	.56		
		.990	.54		
		LOWER	SURFACE		
.075	.53	.025	1.93	.025	.68
.150	.63	.050	1.81	.050	.59
.200	.46	.075	1.58	.100	.58
.300	.49	.100	1.44	.150	.54
.400	.50	.150	1.25	.200	.45
.500	.43	.200	1.13	.250	.40
.600	.44	.250	1.13	.300	.36
.700	.76	.300	1.03	.400	.33
.861	1.17	.350	1.01	.500	.31
		.400	.97	.600	.21
		.499	.90	.703	.18
		.600	.82	.756	.19

ALPHA = 10.03 DEGREES
DYNAMIC PRESSURE = 10.929 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	1.44	0.000	-.44	.025	1.25
.150	.88	.025	-1.57	.050	1.63
.200	.43	.050	-1.51	.100	1.62
.300	.18	.075	-.74	.150	1.62
.400	-.12	.100	-.52	.200	1.61
.500	-.28	.150	-.14	.250	1.60
.600	-.36	.200	-.11	.300	1.61
.700	-.27	.250	.07	.400	1.59
.800	-.24	.300	.17	.500	1.39
		.350	.26	.600	1.60
		.400	.33	.703	1.62
		.450	.40	.826	1.63
		.600	.45		
		.650	.47		
		.800	.47		
		.900	.50		
		.950	.52		
		LOWER SURFACE			
.075	.93	.025	1.93	.025	.68
.150	.86	.050	1.78	.050	.67
.200	.82	.075	1.62	.100	.57
.300	.87	.100	1.48	.150	.52
.400	.62	.150	1.32	.200	.44
.500	.48	.200	1.27	.250	.38
.600	.70	.250	1.18	.300	.36
.700	.90	.300	1.09	.400	.27
.861	1.33	.350	1.07	.500	.27
		.400	1.02	.600	.20
		.450	.91	.703	.22
		.600	.98	.756	.20

ALPHA = 12.04 DEGREES
DYNAMIC PRESSURE = 10.918 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	.97	0.000	.38	.025	1.02
.150	.50	.025	-2.27	.050	1.48
.200	.20	.050	-1.67	.100	1.63
.300	-.55	.075	-1.13	.150	1.63
.400	-.82	.100	-.83	.200	1.63
.500	-.79	.150	-.35	.250	1.62
.600	-.77	.200	-.23	.300	1.62
.700	-.74	.250	-.09	.400	1.61
.800	-.65	.300	.06	.500	1.40
		.350	.21	.600	1.60
		.400	.26	.703	1.60
		.499	.34	.826	1.63
		.600	.41		
		.699	.45		
		.800	.46		
		.900	.51		
		.990	.49		
		LOWER SURFACE			
.075	1.09	.025	1.95	.025	.68
.150	1.10	.050	1.78	.050	.67
.200	1.11	.075	1.63	.100	.55
.300	1.04	.100	1.52	.150	.51
.400	1.25	.150	1.39	.200	.43
.500	1.18	.200	1.35	.250	.37
.600	1.12	.250	1.22	.300	.32
.700	1.40	.300	1.19	.400	.28
.861	1.37	.350	1.18	.500	.23
		.400	1.09	.600	.20
		.499	.99	.703	.21
		.600	.94	.756	.19

ALPHA = 13.99 DEGREES
DYNAMIC PRESSURE = 10.933 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	.67	0.000	.67	.025	1.23
.150	-.72	.025	-2.68	.050	1.64
.200	-.72	.050	-2.11	.100	1.65
.300	-.72	.075	-1.18	.150	1.64
.400	-1.19	.100	-.95	.200	1.63
.500	-1.46	.150	-.53	.250	1.63
.600	-1.69	.200	-.30	.300	1.61
.700	-1.61	.250	-.13	.400	1.60
.800	-.99	.300	-.02	.500	1.39
		.350	.11	.600	1.62
		.400	.19	.703	1.63
		.499	.30	.826	1.63
		.600	.34		
		.699	.41		
		.800	.43		
		.900	.46		
		.990	.48		
		LOWER SURFACE			
.075	1.29	.025	1.55	.025	.66
.150	1.29	.050	1.79	.050	.67
.200	1.40	.075	1.70	.100	.53
.300	1.61	.100	1.59	.150	.48
.400	1.61	.150	1.49	.200	.41
.500	1.61	.200	1.34	.250	.34
.600	1.65	.250	1.30	.300	.29
.700	1.59	.300	1.31	.400	.25
.861	1.28	.350	1.23	.500	.23
		.400	1.14	.600	.22
		.499	1.07	.703	.22
		.600	1.01	.756	.22

ALPHA = 15.93 DEGREES
DYNAMIC PRESSURE = 10.881 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	-.17	0.000	.60	.025	1.23
.150	-.55	.025	-2.86	.050	1.66
.200	-1.32	.050	-2.36	.100	1.67
.300	-1.56	.075	-1.44	.150	1.66
.400	-1.58	.100	-1.12	.200	1.65
.500	-1.79	.150	-.60	.250	1.64
.600	-1.88	.200	-.47	.300	1.63
.700	-1.38	.250	-.29	.400	1.60
.800	-1.39	.300	-.13	.500	1.42
		.350	.04	.600	1.63
		.400	.10	.703	1.64
		.499	.27	.826	1.64
		.600	.33		
		.699	.38		
		.800	.40		
		.900	.46		
		.990	.45		
		LOWER SURFACE			
.075	1.40	.025	1.90	.025	.70
.150	1.54	.050	1.87	.050	.58
.200	1.52	.075	1.78	.100	.54
.300	1.58	.100	1.65	.150	.49
.400	1.65	.150	1.53	.200	.42
.500	1.65	.200	1.49	.250	.35
.600	1.62	.250	1.40	.300	.30
.700	1.59	.300	1.35	.400	.27
.861	1.22	.350	1.25	.500	.27
		.400	1.25	.600	.25
		.499	1.17	.703	.27
		.600	1.07	.756	.23

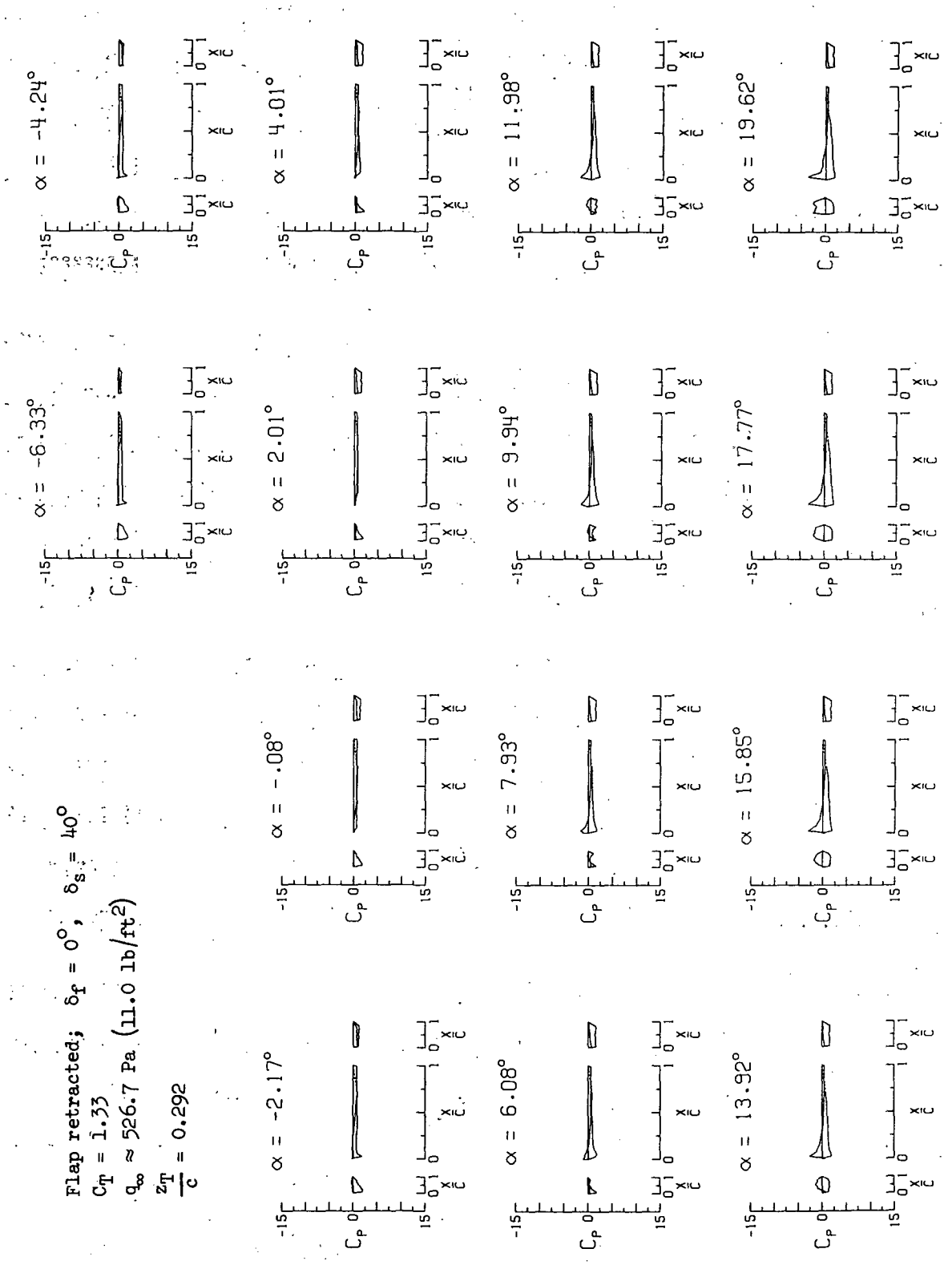
ALPHA = 17.85 DEGREES
DYNAMIC PRESSURE = 10.841 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	-1.68	0.000	.48	.025	1.38
.150	-1.63	.025	-3.24	.050	1.69
.200	-1.88	.050	-2.53	.100	1.67
.300	-2.15	.075	-1.72	.150	1.67
.400	-2.26	.100	-1.33	.200	1.67
.500	-2.25	.150	-.73	.250	1.68
.600	-2.02	.200	-.53	.300	1.66
.700	-1.76	.250	-.35	.400	1.64
.809	-1.80	.300	-.15	.500	1.44
		.350	-.00	.600	1.66
		.400	.12	.703	1.66
		.450	.25	.826	1.67
		.600	.33		
		.699	.39		
		.800	.43		
		.900	.49		
		.990	.51		
		LOWER SURFACE			
.075	1.78	.025	1.96	.025	.71
.150	1.68	.050	1.91	.050	.69
.200	1.74	.075	1.84	.100	.56
.300	1.69	.100	1.78	.150	.51
.400	1.69	.150	1.66	.200	.44
.500	1.71	.200	1.57	.250	.37
.600	1.68	.250	1.45	.300	.34
.700	1.59	.300	1.48	.400	.28
.961	1.20	.350	1.43	.500	.25
		.409	1.36	.600	.28
		.499	1.30	.703	.29
		.600	1.17	.756	.27

ALPHA = 19.72 DEGREES
DYNAMIC PRESSURE = 10.901 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	-1.59	0.000	.33	.025	1.72
.150	-2.59	.025	-3.78	.050	1.70
.200	-2.60	.050	-2.82	.100	1.71
.300	-2.25	.075	-1.16	.150	1.67
.400	-1.91	.100	-.66	.200	1.66
.500	-2.01	.150	-.35	.250	1.66
.600	-1.75	.200	-.14	.300	1.63
.700	-1.52	.250	.00	.400	1.64
.800	-1.98	.300	.04	.500	1.42
		.350	.20	.600	1.63
		.400	.11	.703	1.67
		.499	.20	.826	1.66
		.600	.29		
		.699	.38		
		.800	.41		
		.900	.50		
		.990	.50		
		LOWER SURFACE			
.075	1.72	.025	1.92	.025	.73
.150	1.71	.050	1.91	.050	.60
.200	1.72	.075	1.88	.100	.56
.300	1.78	.100	1.81	.150	.51
.400	1.73	.150	1.74	.200	.46
.500	1.71	.200	1.63	.250	.38
.600	1.70	.250	1.55	.300	.36
.700	1.60	.300	1.51	.400	.31
.861	1.16	.350	1.47	.500	.31
		.400	1.43	.600	.32
		.499	1.29	.703	.31
		.600	1.21	.756	.28

APPENDIX C


Flap retracted; $\delta_f = 0°$, $\delta_s = 40°$
$C_T = 1.33$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.292$
α = -4.24°
α = -6.33°
α = 4.01°
α = 2.01°
α = 11.98°
α = 9.94°
α = 19.62°
α = 17.77°
α = -.08°
α = -2.17°
α = 7.93°
α = 6.08°
α = 15.85°
α = 13.92°
C_P
x/c

ALPHA = -6.33 DEGREES
DYNAMIC PRESSURE = 10.915 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
UPPER SURFACE					
.075	1.70	0.000	-.43	.025	.30
.150	1.54	.025	1.75	.050	.41
.200	1.59	.050	.97	.100	.47
.300	1.82	.075	.85	.150	.41
.400	1.62	.100	.85	.200	.51
.500	1.44	.150	.88	.250	.32
.600	1.23	.200	.87	.300	.57
.700	1.09	.250	.83	.400	.41
.800	1.04	.300	.88	.500	.58
		.350	.87	.600	.67
		.400	.86	.703	.65
		.499	.83	.826	.70
		.600	.79		
		.699	.75		
		.800	.67		
		.900	.66		
		.990	.34		
LOWER SURFACE					
.075	-.14	.025	.01	.025	.71
.150	-.03	.050	-.02	.050	.63
.200	-.09	.075	-.07	.100	.46
.300	-.02	.100	-.01	.150	.44
.400	-.04	.150	-.03	.200	.17
.500	-.07	.200	-.07	.250	.19
.600	-.23	.250	-.04	.300	.17
.700	-.04	.300	-.04	.400	.29
.861	-.02	.350	-.06	.500	.26
		.400	-.08	.600	.31
		.499	.05	.703	.31
		.600	.09	.756	.17

ALPHA = -4.24 DEGREES
DYNAMIC PRESSURE = 11.023 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
UPPER SURFACE					
.075	1.72	0.000	-.61	.025	1.02
.150	1.91	.025	1.72	.050	.79
.250	1.91	.050	.87	.100	.90
.300	1.77	.075	.78	.150	.78
.400	1.67	.100	.79	.200	.76
.500	1.29	.150	.74	.250	.85
.600	1.13	.200	.81	.300	.71
.700	1.00	.250	.80	.400	.85
.803	.91	.300	.81	.500	.84
		.350	.82	.600	.91
		.400	.80	.703	.89
		.499	.80	.826	1.01
		.600	.80		
		.699	.75		
		.800	.73		
		.900	.71		
		.990	.68		
LOWER SURFACE					
.075	-.23	.025	-.19	.025	.72
.150	-.22	.050	-.19	.050	.69
.200	-.24	.075	-.19	.100	.71
.300	-.24	.100	-.14	.150	.70
.400	-.24	.150	-.23	.200	.70
.500	-.28	.200	-.21	.250	.69
.600	-.30	.250	-.16	.300	.66
.700	-.25	.300	-.07	.400	.67
.861	-.24	.350	-.11	.500	.65
		.400	-.00	.600	.69
		.499	.21	.703	.61
		.600	.38	.756	.68

ALPHA = -2.17 DEGREES
DYNAMIC PRESSURE = 11.000 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
UPPER SURFACE					
.075	1.82	0.000	-.23	.025	.90
.150	1.91	.025	1.76	.050	.96
.200	1.84	.050	.81	.100	1.06
.300	1.63	.075	.69	.150	1.05
.400	1.41	.100	.70	.200	1.09
.500	1.15	.150	.71	.250	1.09
.600	.96	.200	.73	.300	1.07
.700	.79	.250	.68	.400	1.17
.803	.76	.300	.77	.500	1.02
		.350	.79	.600	1.18
		.400	.79	.703	1.15
		.499	.77	.826	1.18
		.600	.77		
		.699	.78		
		.800	.72		
		.900	.75		
		.990	.75		
LOWER SURFACE					
.075	-.04	.025	-.15	.025	.80
.150	-.14	.050	-.13	.050	.80
.200	-.11	.075	-.18	.100	.79
.300	-.18	.100	-.11	.150	.78
.400	-.17	.150	-.07	.200	.75
.500	-.19	.200	-.03	.250	.73
.600	-.22	.250	-.06	.300	.76
.700	-.21	.300	.01	.400	.72
.861	-.22	.350	.20	.500	.74
		.400	.28	.600	.70
		.499	.47	.703	.73
		.600	.56	.755	.71

ALPHA = -.08 DEGREES
DYNAMIC PRESSURE = 10.959 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
UPPER SURFACE					
.075	1.92	0.000	.11	.025	1.20
.150	1.89	.025	.23	.050	1.31
.200	1.74	.050	.70	.100	1.39
.300	1.51	.075	.64	.150	1.32
.400	1.24	.100	.60	.200	1.29
.500	1.05	.150	.70	.250	1.22
.600	.76	.200	.62	.300	1.36
.700	.60	.250	.65	.400	1.38
.800	.67	.300	.70	.500	1.23
		.350	.74	.600	1.43
		.400	.77	.703	1.41
		.499	.76	.826	1.41
		.600	.78		
		.699	.76		
		.800	.70		
		.900	.74		
		.990	.73		
LOWER SURFACE					
.075	.15	.025	.12	.025	.84
.150	.15	.050	.05	.050	.77
.200	.09	.075	.10	.100	.73
.300	.06	.100	.11	.150	.71
.400	.09	.150	.10	.200	.68
.500	.12	.200	.28	.250	.60
.600	.09	.250	.38	.300	.66
.700	.37	.300	.58	.400	.55
.861	.12	.350	.62	.500	.58
		.400	.66	.600	.64
		.499	.62	.703	.60
		.600	.64	.756	.59

ALPHA = 2.01 DEGREES
DYNAMIC PRESSURE = 11.015 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
UPPER SURFACE					
.075	1.54	0.000	.18	.025	1.02
.150	1.80	.025	.21	.050	1.47
.200	1.68	.050	.25	.100	1.43
.300	1.32	.075	.38	.150	1.47
.400	.98	.100	.29	.200	1.51
.500	.73	.150	.52	.250	1.48
.600	.53	.200	.50	.300	1.51
.700	.03	.250	.55	.400	1.48
.800	.68	.300	.58	.500	1.32
		.350	.61	.600	1.53
		.400	.64	.703	1.52
		.499	.69	.826	1.49
		.600	.67		
		.699	.68		
		.800	.62		
		.900	.65		
		.990	.60		
LOWER SURFACE					
.075	.32	.025	.15	.025	.73
.150	.26	.050	.26	.050	.67
.200	.22	.075	.21	.100	.66
.300	.25	.100	.46	.150	.61
.400	.23	.150	.19	.200	.55
.500	.23	.200	.67	.250	.48
.600	.23	.250	.79	.300	.45
.700	.29	.300	.79	.400	.45
.861	.27	.350	.75	.500	.41
		.400	.68	.600	.42
		.499	.70	.703	.48
		.600	.67	.756	.42

ALPHA = 4.02 DEGREES
DYNAMIC PRESSURE = 10.957 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
UPPER SURFACE					
.075	1.91	0.000	-.24	.025	1.48
.150	1.66	.025	-.05	.050	1.53
.200	1.51	.050	.05	.100	1.53
.300	1.03	.075	-.03	.150	1.55
.400	.73	.100	.04	.200	1.56
.500	.62	.150	.32	.250	1.53
.600	.36	.200	.27	.300	1.55
.700	.35	.250	.42	.400	1.53
.800	.35	.300	.45	.500	1.35
		.350	.53	.600	1.54
		.400	.58	.703	1.57
		.499	.56	.826	1.58
		.600	.55		
		.699	.61		
		.800	.66		
		.900	.59		
		.990	.59		
LOWER SURFACE					
.075	.32	.025	.18	.025	.69
.150	.32	.050	.91	.050	.63
.200	.28	.075	1.02	.100	.62
.300	.22	.100	1.14	.150	.58
.400	.26	.150	1.14	.200	.52
.500	.25	.200	.94	.250	.46
.600	.27	.250	.82	.300	.41
.700	.33	.300	.82	.400	.39
.861	.40	.350	.81	.500	.41
		.403	.75	.600	.39
		.499	.65	.703	.35
		.600	.69	.756	.37

ALPHA = 4.09 DEGREES
DYNAMIC PRESSURE = 10.992 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
UPPER SURFACE					
.075	1.81	0.000	-1.10	.025	1.47
.150	1.57	.025	-.68	.050	1.59
.200	1.18	.050	-.66	.100	1.60
.300	.77	.075	-.23	.150	1.59
.400	.47	.100	-.11	.200	1.58
.500	.34	.150	.13	.250	1.57
.600	.25	.200	.24	.300	1.56
.700	.31	.250	.32	.400	1.56
.800	.20	.300	.34	.500	1.39
		.350	.42	.600	1.58
		.400	.51	.703	1.60
		.499	.54	.826	1.61
		.600	.52		
		.699	.52		
		.800	.54		
		.900	.58		
		.990	.55		
LOWER SURFACE					
.075	.33	.025	1.27	.025	.69
.150	.29	.050	1.63	.050	.62
.200	.26	.075	1.55	.100	.61
.300	.33	.100	1.37	.150	.58
.400	.24	.150	1.11	.200	.49
.500	.26	.200	1.00	.250	.44
.600	.28	.250	.62	.300	.42
.700	.38	.300	.69	.400	.38
.861	.55	.350	.85	.500	.33
		.400	.81	.600	.31
		.499	.77	.703	.19
		.600	.73	.756	.19

ALPHA = 7.94 DEGREES
DYNAMIC PRESSURE = 10.947 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
UPPER SURFACE					
.075	1.70	0.000	-.97	.025	1.00
.150	1.22	.025	-1.53	.050	1.58
.200	1.03	.050	-.88	.100	1.58
.300	.55	.075	-.55	.150	1.58
.400	.29	.100	-.36	.200	1.59
.500	.10	.150	-.00	.250	1.58
.600	-.04	.200	.05	.300	1.59
.700	-.21	.250	.07	.400	1.57
.800	-.01	.300	.21	.500	1.37
		.350	.28	.600	1.58
		.400	.38	.703	1.59
		.499	.48	.826	1.57
		.600	.49		
		.699	.51		
		.800	.51		
		.900	.52		
		.990	.53		
LOWER SURFACE					
.075	.72	.025	1.87	.025	.67
.150	.56	.050	1.78	.050	.58
.200	.44	.075	1.51	.100	.57
.300	.44	.100	1.39	.150	.53
.400	.38	.150	1.14	.200	.47
.500	.41	.200	1.11	.250	.39
.600	.43	.250	.99	.300	.34
.700	.55	.300	.96	.400	.34
.961	1.14	.350	.91	.500	.29
		.400	.91	.600	.28
		.499	.81	.703	.15
		.600	.79	.756	.15

ALPHA = 9.95 DEGREES
DYNAMIC PRESSURE = 10.931 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	1.49	0.000	-.43	.025	1.62
.150	1.03	.025	-1.80	.050	1.61
.200	.73	.050	-1.20	.100	1.60
.300	-.07	.075	-.82	.150	1.60
.400	.05	.100	-.44	.200	1.59
.500	-.30	.150	-.17	.250	1.61
.600	-.46	.200	-.10	.300	1.60
.700	-.30	.250	.03	.400	1.59
.900	-.15	.300	.20	.500	1.39
		.350	.29	.600	1.59
		.400	.33	.703	1.62
		.499	.44	.826	1.61
		.600	.43		
		.699	.49		
		.800	.49		
		.900	.52		
		.990	.51		
		LOWER SURFACE			
.075	.78	.025	1.96	.025	.68
.150	.75	.050	1.79	.050	.56
.200	.62	.075	1.59	.100	.54
.300	.89	.100	1.46	.150	.50
.400	.55	.150	1.30	.200	.43
.500	.61	.200	1.22	.250	.36
.600	.70	.250	1.11	.300	.34
.700	.76	.300	1.07	.400	.27
.861	1.39	.350	1.02	.500	.25
		.400	.95	.600	.20
		.499	.92	.703	.17
		.600	.84	.756	.20

ALPHA = 11.89 DEGREES
DYNAMIC PRESSURE = 10.891 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	1.15	0.000	.18	.025	1.57
.150	.56	.025	-2.18	.050	1.63
.200	.05	.050	-1.73	.100	1.62
.300	-.41	.075	-1.06	.150	1.61
.400	-.44	.100	-.70	.200	1.61
.500	-.84	.150	-.34	.250	1.61
.600	-.90	.200	-.25	.300	1.59
.700	-.81	.250	-.07	.400	1.59
.900	-.69	.300	.02	.500	1.41
		.350	.20	.600	1.60
		.400	.25	.703	1.63
		.499	.34	.826	1.61
		.600	.42		
		.699	.46		
		.800	.44		
		.900	.49		
		.990	.50		
		LOWER SURFACE			
.075	.99	.025	1.93	.025	.66
.150	1.04	.050	1.78	.050	.55
.200	.99	.075	1.63	.100	.54
.300	.75	.100	1.50	.150	.49
.400	1.22	.150	1.38	.200	.42
.500	1.27	.200	1.22	.250	.33
.600	.98	.250	1.21	.300	.30
.700	1.20	.300	1.15	.400	.25
.861	1.30	.350	1.11	.500	.22
		.400	1.08	.600	.18
		.499	.96	.703	.16
		.600	.92	.756	.16

ALPHA = 13.92 DEGREES
DYNAMIC PRESSURE = 10.860 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	.61	0.000	.67	.025	.98
.150	-.20	.025	-2.67	.050	1.63
.200	-.44	.050	-2.00	.100	1.62
.300	-.97	.075	-1.26	.150	1.62
.400	-1.09	.100	-.92	.200	1.61
.500	-1.31	.150	-.49	.250	1.61
.600	-1.27	.200	-.32	.300	1.60
.700	-.94	.250	-.18	.400	1.59
.900	-1.07	.300	-.03	.500	1.39
		.350	.10	.600	1.60
		.400	.16	.703	1.62
		.499	.30	.826	1.61
		.600	.36		
		.699	.41		
		.800	.41		
		.900	.45		
		.990	.47		
		LOWER SURFACE			
.075	1.30	.025	1.91	.025	.66
.150	1.34	.050	1.81	.050	.54
.200	1.24	.075	1.65	.100	.51
.300	1.40	.100	1.55	.150	.45
.400	1.52	.150	1.40	.200	.40
.500	1.53	.200	1.34	.250	.33
.600	1.58	.250	1.28	.300	.27
.700	1.54	.300	1.21	.400	.22
.861	1.23	.350	1.22	.500	.20
		.400	1.10	.600	.18
		.499	1.04	.703	.19
		.600	.98	.756	.20

ALPHA = 15.86 DEGREES
DYNAMIC PRESSURE = 10.851 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	-.02	0.000	.43	.025	1.69
.150	-.92	.025	-3.03	.050	1.66
.200	-1.05	.050	-2.24	.100	1.65
.300	-1.44	.075	-1.40	.150	1.67
.400	-1.73	.100	-1.13	.200	1.64
.500	-1.71	.150	-.58	.250	1.62
.600	-1.53	.200	-.43	.300	1.65
.700	-1.40	.250	-.26	.400	1.62
.800	-1.14	.300	-.02	.500	1.42
		.350	.06	.600	1.64
		.400	.15	.703	1.65
		.499	.26	.826	1.65
		.600	.35		
		.699	.40		
		.800	.41		
		.900	.48		
		.990	.49		
		LOWER SURFACE			
.075	1.54	.025	1.94	.025	.68
.150	1.41	.050	1.85	.050	.56
.200	1.52	.075	1.74	.100	.54
.300	1.54	.100	1.64	.150	.49
.400	1.57	.150	1.52	.200	.41
.500	1.63	.200	1.45	.250	.32
.600	1.63	.250	1.39	.300	.29
.700	1.57	.300	1.32	.400	.30
.861	1.21	.350	1.31	.500	.26
		.400	1.25	.600	.24
		.499	1.20	.703	.23
		.600	1.09	.756	.23

ALPHA = 17.78 DEGREES
DYNAMIC PRESSURE = 10.858 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	-.79	0.000	.52	.025	1.16
.150	-1.65	.025	-3.33	.050	1.66
.200	-1.72	.050	-2.50	.100	1.67
.300	-2.17	.075	-1.61	.150	1.65
.400	-2.20	.100	-1.26	.200	1.65
.500	-1.83	.150	-.62	.250	1.62
.600	-2.00	.200	-.55	.300	1.64
.700	-1.73	.250	-.32	.400	1.62
.800	-1.83	.300	-.18	.500	1.41
		.350	.01	.600	1.63
		.400	.11	.703	1.63
		.499	.23	.826	1.63
		.600	.31		
		.699	.36		
		.800	.42		
		.900	.47		
		.990	.54		
		LOWER SURFACE			
.075	1.64	.025	1.92	.025	.68
.150	1.58	.050	1.88	.050	.57
.200	1.65	.075	1.81	.100	.53
.300	1.63	.100	1.73	.150	.46
.400	1.66	.150	1.64	.200	.46
.500	1.64	.200	1.52	.250	.32
.600	1.64	.250	1.51	.300	.29
.700	1.56	.300	1.47	.400	.25
.861	1.16	.350	1.40	.500	.24
		.400	1.30	.600	.25
		.499	1.16	.703	.23
		.600	1.09	.756	.24

ALPHA = 19.63 DEGREES
DYNAMIC PRESSURE = 10.947 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	-2.61	0.000	.25	.025	1.02
.150	-2.19	.025	-3.64	.050	1.69
.200	-2.28	.050	-2.70	.100	1.69
.300	-2.15	.075	-1.19	.150	1.65
.400	-1.95	.100	-.90	.200	1.67
.500	-1.92	.150	-.51	.250	1.66
.600	-2.39	.200	-.62	.300	1.66
.700	-2.45	.250	-.43	.400	1.68
.800	-1.98	.300	-.24	.500	1.44
		.350	-.03	.600	1.66
		.400	.08	.703	1.67
		.499	.21	.826	1.67
		.600	.30		
		.699	.39		
		.800	.43		
		.900	.49		
		.990	.57		
		LOWER SURFACE			
.075	1.82	.025	1.93	.025	.70
.150	1.70	.050	1.92	.050	.60
.200	1.71	.075	1.84	.100	.56
.300	1.74	.100	1.81	.150	.51
.400	1.71	.150	1.72	.200	.47
.500	1.71	.200	1.61	.250	.38
.600	1.67	.250	1.51	.300	.32
.700	1.60	.300	1.47	.400	.28
.861	1.13	.350	1.49	.500	.30
		.400	1.36	.600	.29
		.499	1.21	.703	.29
		.600	1.09	.756	.29

APPENDIX C

Flap retracted; $\delta_f = 0°$, $\delta_s = 40°$
$C_T = 1.94$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft2)
$\frac{z_T}{c} = 0.292$
α = -4.34°
α = 3.95°
α = 11.83°
α = 19.53°
α = -6.42°
α = 1.93°
α = 9.85°
α = 17.66°
α = -.18°
α = 7.83°
α = 15.74°
α = -2.25°
α = 5.94°
α = 13.81°
C_p
x/c

ALPHA = -6.43 DEGREES
DYNAMIC PRESSURE = 10.963 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER	SURFACE		
.075	1.57	0.000	-1.02	.025	1.00
.150	1.92	.025	1.77	.050	.78
.200	1.97	.050	1.69	.100	.41
.300	1.88	.075	.98	.150	.58
.400	1.68	.100	.67	.200	.47
.500	1.48	.150	.56	.250	.66
.600	1.29	.200	.94	.300	.77
.700	1.18	.250	.93	.400	.58
.800	1.02	.300	.92	.500	.61
		.350	.90	.600	.66
		.400	.93	.703	.83
		.499	.91	.826	.89
		.600	.86		
		.699	.81		
		.800	.74		
		.900	.72		
		.990	.55		
		LOWER	SURFACE		
.075	-.28	.025	-.58	.025	.83
.150	-.27	.050	-.36	.050	.70
.200	-.29	.075	-.31	.100	.54
.300	-.35	.100	-.21	.150	.50
.400	-.39	.150	-.20	.200	.44
.500	-.38	.200	-.21	.250	.62
.600	-.39	.250	-.32	.300	.59
.700	-.38	.300	-.29	.400	.54
.861	-.50	.350	-.30	.500	.44
		.400	-.24	.600	.46
		.499	-.19	.703	.31
		.600	-.00	.756	.50

ALPHA = -4.34 DEGREES
DYNAMIC PRESSURE = 10.983 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER	SURFACE		
.075	1.64	0.000	-.93	.025	1.02
.150	1.92	.025	1.72	.050	.86
.200	1.92	.050	.95	.100	.93
.300	1.79	.075	.83	.150	.93
.400	1.60	.100	.83	.200	.83
.500	1.35	.150	.85	.250	.92
.600	1.17	.200	.84	.300	.91
.700	1.01	.250	.84	.400	1.00
.800	.93	.300	.87	.500	.90
		.350	.96	.600	.97
		.400	.85	.703	1.03
		.499	.84	.826	1.04
		.600	.81		
		.699	.78		
		.800	.75		
		.900	.74		
		.990	.73		
		LOWER	SURFACE		
.075	-.48	.025	-.56	.025	.73
.150	-.48	.050	-.35	.050	.71
.200	-.42	.075	-.37	.100	.69
.300	-.48	.100	-.33	.150	.73
.400	-.49	.150	-.35	.200	.73
.500	-.50	.200	-.29	.250	.69
.600	-.48	.250	-.29	.300	.68
.700	-.51	.300	-.25	.400	.70
.861	-.52	.350	-.18	.500	.70
		.400	-.08	.600	.70
		.499	.13	.703	.63
		.600	.44	.756	.65

ALPHA = -2.26 DEGREES
DYNAMIC PRESSURE = 10.967 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER	SURFACE		
.075	1.79	0.000	-.71	.025	.99
.150	1.92	.025	1.72	.050	1.06
.200	1.90	.050	.79	.100	1.01
.300	1.69	.075	.68	.150	1.15
.400	1.50	.100	.71	.200	1.04
.500	1.23	.150	.72	.250	1.15
.600	.96	.200	.69	.300	1.15
.700	.85	.250	.72	.400	1.19
.800	.74	.300	.73	.500	1.12
		.350	.73	.600	1.16
		.400	.73	.703	1.34
		.499	.73	.826	1.33
		.600	.73		
		.699	.73		
		.800	.70		
		.900	.69		
		.990	.67		
		LOWER	SURFACE		
.075	-.30	.025	-.37	.025	.80
.150	-.24	.050	-.30	.050	.79
.200	-.24	.075	-.26	.100	.77
.300	-.34	.100	-.33	.150	.75
.400	-.32	.150	-.24	.200	.70
.500	-.33	.200	-.20	.250	.71
.600	-.36	.250	-.23	.300	.71
.700	-.33	.300	-.09	.400	.63
.861	-.36	.350	.04	.500	.68
		.400	.15	.600	.60
		.499	.50	.703	.69
		.600	.50	.756	.67

ALPHA = -.19 DEGREES
DYNAMIC PRESSURE = 11.004 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER	SURFACE		
.075	1.90	0.000	-.17	.025	1.00
.150	1.92	.025	.97	.050	1.25
.200	1.83	.050	.15	.100	1.33
.300	1.52	.075	.57	.150	1.35
.400	1.27	.100	.57	.200	1.37
.500	.99	.150	.60	.250	1.41
.600	.70	.200	.54	.300	1.44
.700	.69	.250	.62	.400	1.35
.800	.62	.300	.66	.500	1.25
		.350	.72	.600	1.40
		.400	.72	.703	1.42
		.499	.73	.826	1.42
		.600	.72		
		.699	.70		
		.800	.66		
		.900	.63		
		.990	.61		
		LOWER	SURFACE		
.075	-.06	.025	-.13	.025	.82
.150	-.09	.050	-.09	.050	.72
.200	-.03	.075	-.09	.100	.68
.300	-.07	.100	-.13	.150	.62
.400	-.01	.150	-.06	.200	.57
.500	.02	.200	.23	.250	.62
.600	.04	.250	.16	.300	.54
.700	-.01	.300	.51	.400	.53
.861	-.14	.350	.41	.500	.52
		.400	.44	.600	.47
		.499	.49	.703	.45
		.600	.53	.756	.52

ALPHA = 1.93 DEGREES
DYNAMIC PRESSURE = 11.025 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER	SURFACE		
.075	1.95	0.000	.11	.025	1.36
.150	1.87	.025	.10	.050	1.48
.200	1.87	.050	.20	.100	1.51
.300	1.34	.075	.42	.150	1.49
.400	1.12	.100	.45	.200	1.47
.500	.78	.150	.48	.250	1.51
.600	.65	.200	.47	.300	1.52
.700	.52	.250	.52	.400	1.49
.800	.54	.300	.57	.500	1.32
		.350	.62	.600	1.53
		.400	.62	.703	1.55
		.499	.65	.826	1.51
		.600	.64		
		.699	.64		
		.800	.61		
		.900	.61		
		.990	.56		
		LOWER	SURFACE		
.075	.21	.025	.05	.025	.72
.150	.20	.050	.08	.050	.62
.200	.11	.075	.07	.100	.62
.300	.13	.100	.10	.150	.59
.400	.16	.150	.43	.200	.50
.500	.15	.200	.61	.250	.45
.600	.13	.250	.52	.300	.41
.700	.20	.300	.71	.400	.38
.861	.13	.350	.62	.500	.42
		.400	.56	.600	.36
		.499	.60	.703	.36
		.600	.57	.756	.38

ALPHA = 3.95 DEGREES
DYNAMIC PRESSURE = 10.963 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER	SURFACE		
.075	1.95	0.000	-.00	.025	.99
.150	1.73	.025	.06	.050	1.53
.200	1.54	.050	.09	.100	1.54
.300	1.17	.075	.16	.150	1.54
.400	.85	.100	.19	.200	1.54
.500	.62	.150	.34	.250	1.55
.600	.33	.200	.36	.300	1.55
.700	.30	.250	.40	.400	1.54
.800	.34	.300	.45	.500	1.36
		.350	.49	.600	1.57
		.400	.56	.703	1.58
		.499	.53	.826	1.59
		.600	.58		
		.699	.59		
		.800	.58		
		.900	.60		
		.990	.58		
		LOWER	SURFACE		
.075	.24	.025	.10	.025	.71
.150	.25	.050	.35	.050	.62
.200	.23	.075	.65	.100	.62
.300	.21	.100	.93	.150	.56
.400	.21	.150	1.05	.200	.50
.500	.24	.200	.88	.250	.43
.600	.25	.250	.77	.300	.41
.700	.21	.300	.77	.400	.35
.861	.27	.350	.70	.500	.33
		.400	.69	.600	.34
		.499	.66	.703	.33
		.600	.63	.756	.30

ALPHA = 5.94 DEGREES
DYNAMIC PRESSURE = 10.951 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER	SURFACE		
.075	1.89	0.000	-.33	.025	1.02
.150	1.54	.025	-.55	.050	1.55
.200	1.38	.050	-.28	.100	1.55
.300	.86	.075	-.23	.150	1.58
.400	.50	.100	-.17	.200	1.56
.500	.38	.150	.14	.250	1.55
.600	.10	.200	.14	.300	1.57
.700	.23	.250	.29	.400	1.55
.900	.23	.300	.34	.500	1.36
		.350	.42	.600	1.57
		.400	.43	.703	1.59
		.499	.50	.826	1.59
		.600	.54		
		.699	.55		
		.800	.50		
		.900	.54		
		.990	.49		
		LOWER	SURFACE		
.075	.24	.075	1.22	.025	.67
.150	.24	.050	1.62	.050	.60
.200	.23	.075	1.56	.100	.57
.300	.21	.100	1.37	.150	.53
.400	.17	.150	1.03	.200	.49
.500	.19	.200	.89	.250	.40
.600	.23	.250	.77	.300	.38
.700	.33	.300	.80	.400	.34
.961	.61	.350	.77	.500	.30
		.400	.74	.600	.33
		.499	.70	.703	.21
		.600	.67	.756	.27

ALPHA = 7.83 DEGREES
DYNAMIC PRESSURE = 10.912 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER	SURFACE		
.075	1.77	0.000	-.54	.025	1.29
.150	1.40	.025	-1.03	.050	1.56
.200	.99	.050	-.91	.100	1.58
.300	.59	.075	-.50	.150	1.58
.400	.34	.100	-.28	.200	1.59
.500	.20	.150	.06	.250	1.58
.600	-.16	.200	.01	.300	1.58
.720	.03	.250	.17	.400	1.57
.800	.01	.300	.25	.500	1.39
		.350	.34	.600	1.59
		.400	.39	.703	1.61
		.499	.49	.826	1.59
		.600	.49		
		.699	.51		
		.800	.50		
		.900	.54		
		.990	.50		
		LOWER	SURFACE		
.075	.36	.025	1.81	.025	.65
.150	.37	.050	1.81	.050	.55
.200	.29	.075	1.52	.100	.56
.300	.28	.100	1.35	.150	.52
.400	.32	.150	1.09	.200	.45
.500	.27	.200	1.01	.250	.38
.650	.32	.250	.92	.300	.34
.720	.41	.300	.89	.400	.29
.861	.74	.350	.85	.500	.27
		.400	.84	.600	.25
		.499	.82	.703	.13
		.600	.77	.756	.15

ALPHA = 9.85 DEGREES
DYNAMIC PRESSURE = 10.897 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	1.68	0.000	-.83	.025	.98
.150	1.13	.025	-1.72	.050	1.58
.200	.71	.050	-1.23	.100	1.57
.300	.04	.075	-.84	.150	1.60
.400	-.24	.100	-.35	.200	1.58
.500	-.18	.150	-.11	.250	1.59
.600	-.24	.200	-.01	.300	1.59
.700	-.33	.250	.02	.400	1.57
.800	-.11	.300	.19	.500	1.39
		.350	.32	.600	1.59
		.400	.38	.703	1.60
		.499	.40	.826	1.60
		.600	.46		
		.699	.49		
		.800	.55		
		.900	.52		
		.990	.50		
		LOWER SURFACE			
.075	.53	.025	1.93	.025	.66
.150	.53	.050	1.79	.050	.56
.200	.61	.075	1.57	.100	.55
.300	.50	.100	1.42	.150	.50
.400	.40	.150	1.29	.200	.41
.500	.42	.200	1.14	.250	.34
.600	.52	.250	1.06	.300	.29
.700	1.06	.300	.99	.400	.27
.861	1.17	.350	.96	.500	.23
		.400	.96	.600	.16
		.499	.92	.703	.13
		.600	.82	.756	.10

ALPHA = 11.84 DEGREES
DYNAMIC PRESSURE = 10.973 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	1.09	0.000	-.51	.025	1.51
.150	.61	.025	-2.17	.050	1.61
.200	.29	.050	-1.65	.100	1.62
.300	-.03	.075	-.89	.150	1.60
.400	-.31	.100	-.75	.200	1.61
.500	-.49	.150	-.30	.250	1.61
.600	-.58	.200	-.16	.300	1.61
.760	-.69	.250	-.11	.400	1.61
.800	-.36	.300	.10	.500	1.40
		.350	.19	.600	1.62
		.400	.27	.703	1.62
		.499	.36	.826	1.62
		.600	.40		
		.699	.44		
		.800	.45		
		.900	.47		
		.990	.46		
		LOWER SURFACE			
.075	.85	.025	1.92	.025	.67
.150	.84	.050	1.76	.050	.56
.200	.83	.075	1.57	.100	.54
.300	.73	.100	1.42	.150	.48
.400	.67	.150	1.29	.200	.40
.500	.58	.200	1.15	.250	.35
.600	1.18	.250	1.13	.300	.29
.700	1.43	.300	1.08	.400	.24
.861	1.31	.350	1.07	.500	.20
		.400	1.07	.600	.16
		.499	.92	.703	.15
		.600	.87	.756	.13

ALPHA = 13.91 DEGREES
DYNAMIC PRESSURE = 10.983 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	.75	0.000	.66	.025	1.04
.150	-.07	.025	-2.65	.050	1.62
.200	-.17	.050	-1.85	.100	1.62
.300	-.74	.075	-1.19	.150	1.61
.400	-1.02	.100	-.55	.200	1.62
.500	-1.25	.150	-.30	.250	1.62
.600	-1.03	.200	-.31	.300	1.62
.700	-1.11	.250	-.20	.400	1.62
.800	-.67	.300	.02	.500	1.42
		.350	.13	.600	1.63
		.400	.18	.703	1.63
		.499	.28	.826	1.64
		.600	.37		
		.699	.39		
		.800	.41		
		.900	.45		
		.990	.46		
		LOWER SURFACE			
.075	.82	.025	1.89	.025	.67
.150	1.21	.050	1.75	.050	.55
.200	1.28	.075	1.61	.100	.53
.300	1.24	.100	1.52	.150	.48
.400	1.25	.150	1.36	.200	.40
.500	1.46	.200	1.31	.250	.32
.600	1.52	.250	1.21	.300	.27
.700	1.50	.300	1.16	.400	.21
.861	1.28	.350	1.13	.500	.19
		.400	1.11	.600	.17
		.499	.97	.703	.17
		.600	.90	.756	.14

ALPHA = 15.79 DEGREES
DYNAMIC PRESSURE = 10.892 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	.14	0.000	.65	.025	.89
.150	-.81	.025	-3.01	.050	1.65
.200	-.65	.050	-2.08	.100	1.62
.300	-1.33	.075	-1.42	.150	1.62
.400	-1.65	.100	-1.13	.200	1.63
.500	-1.61	.150	-.58	.250	1.63
.600	-1.40	.200	-.38	.300	1.62
.700	-1.15	.250	-.22	.400	1.61
.800	-1.12	.300	-.08	.500	1.41
		.350	.07	.600	1.62
		.400	.16	.703	1.63
		.499	.26	.826	1.63
		.600	.34		
		.699	.38		
		.800	.40		
		.900	.47		
		.990	.44		
		LOWER SURFACE			
.075	1.20	.025	1.90	.025	.67
.150	1.32	.050	1.90	.050	.55
.200	1.44	.075	1.70	.100	.51
.300	1.57	.100	1.60	.150	.46
.400	1.61	.150	1.50	.200	.37
.500	1.61	.200	1.41	.250	.29
.600	1.61	.250	1.36	.300	.26
.700	1.56	.300	1.30	.400	.21
.861	1.23	.350	1.27	.500	.20
		.400	1.16	.600	.19
		.499	1.07	.703	.17
		.600	1.01	.756	.17

ALPHA = 17.66 DEGREES
DYNAMIC PRESSURE = 10.897 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	-.65	0.000	.50	.025	1.64
.150	-1.29	.025	-3.31	.050	1.67
.200	-1.54	.050	-2.51	.100	1.66
.300	-1.87	.075	-1.60	.150	1.65
.400	-2.00	.100	-1.29	.200	1.66
.500	-1.90	.150	-.65	.250	1.64
.600	-2.04	.200	-.55	.300	1.65
.700	-1.66	.250	-.34	.400	1.65
.800	-1.64	.300	-.16	.500	1.43
		.350	-.00	.600	1.64
		.400	.07	.703	1.66
		.499	.22	.826	1.63
		.600	.29		
		.699	.36		
		.800	.39		
		.900	.43		
		.990	.49		
		LOWER SURFACE			
.075	1.64	.025	1.91	.025	.67
.150	1.58	.050	1.84	.050	.55
.200	1.61	.075	1.78	.100	.52
.300	1.65	.100	1.70	.150	.46
.400	1.65	.150	1.51	.200	.42
.500	1.66	.200	1.52	.250	.32
.600	1.65	.250	1.41	.300	.25
.700	1.60	.300	1.36	.400	.26
.861	1.20	.350	1.30	.500	.24
		.400	1.30	.600	.18
		.499	1.17	.703	.26
		.600	1.01	.756	.20

ALPHA = 19.53 DEGREES
DYNAMIC PRESSURE = 10.828 LBF/SQ.FT.

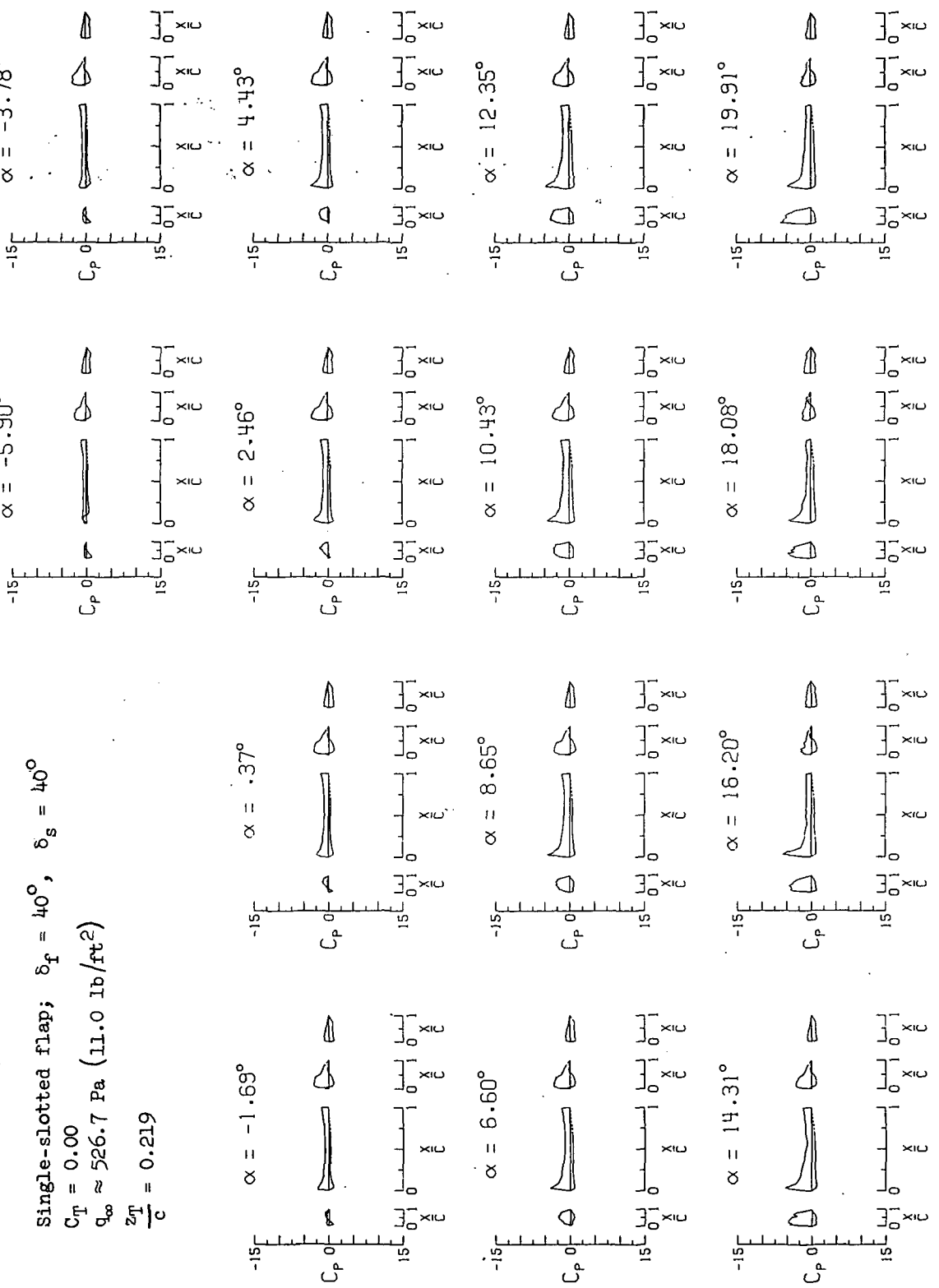
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		AIRFOIL TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE			
.075	-1.59	0.000	.39	.025	1.00
.150	-1.57	.025	-3.38	.050	1.70
.200	-2.47	.050	-2.85	.100	1.69
.300	-2.75	.075	-1.92	.150	1.69
.400	-2.55	.100	-1.42	.200	1.69
.500	-2.65	.150	-.90	.250	1.69
.600	-2.27	.200	-.61	.300	1.68
.700	-2.29	.250	-.44	.400	1.66
.800	-1.55	.300	-.26	.500	1.45
		.350	-.02	.600	1.66
		.400	.07	.703	1.67
		.499	.17	.826	1.68
		.600	.26		
		.699	.35		
		.800	.36		
		.900	.46		
		.990	.49		
		LOWER SURFACE			
.075	1.66	.025	1.92	.025	.72
.150	1.63	.050	1.88	.050	.58
.200	1.67	.075	1.80	.100	.54
.300	1.70	.100	1.77	.150	.69
.400	1.64	.150	1.68	.200	.43
.500	1.67	.200	1.60	.250	.35
.600	1.63	.250	1.52	.300	.33
.700	1.53	.300	1.45	.400	.26
.861	1.11	.350	1.32	.500	.27
		.400	1.33	.600	.30
		.499	1.24	.703	.27
		.600	1.15	.756	.26

APPENDIX D

PRESSURE DATA FOR $\delta_f = 40^o$, $\delta_s = 40^o$, AND SHORT PYLON

The pressure measurements made on the wing with the single-slotted flap and the leading-edge slat deflected ($\delta_f = 40^o$ and $\delta_s = 40^o$) are presented in this appendix in coefficient form in graphs and tables. The data are for the short-length pylon and are arranged in order of increasing thrust coefficient.

APPENDIX D


Single-slotted flap; $\delta_f = 40°$, $\delta_s = 40°$
$C_T = 0.00$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.219$
α = -5.90°
α = -3.78°
α = -1.69°
α = .37°
α = 2.46°
α = 4.43°
α = 6.60°
α = 8.65°
α = 10.43°
α = 12.35°
α = 14.31°
α = 16.20°
α = 18.08°
α = 19.91°
C_p
x/c

ALPHA = -5.91 DEGREES DYNAMIC PRESSURE = 11.016 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.05	0.000	-.57	.025	-1.53	.025	-.83
.150	.92	.029	-.66	.050	-2.07	.050	-.81
.200	.79	.057	-.85	.075	-2.19	.100	-.86
.300	.40	.086	-.81	.100	-2.17	.150	-.83
.400	.31	.114	-.71	.149	-2.38	.200	-.69
.500	-.06	.172	-.62	.200	-2.34	.250	-.75
.600	-.33	.229	-.53	.250	-2.35	.300	-.71
.700	-.40	.286	-.64	.300	-2.06	.400	-.56
.800	-.33	.343	-.59	.350	-2.18	.500	-.48
		.400	-.50	.400	-2.03	.600	-.43
		.458	-.57	.500	-1.14	.703	-.29
		.571	-.62	.600	-.99	.826	-.28
		.686	-.64	.700	-.86		
		.801	-.65	.800	-.62		
		.915	-.97				
		.967	-1.09				
		.994	-1.12				
			LOWER	SURFACE			
.075	-.41	.029	-.54	.025	-.52	.025	.93
.150	-.41	.057	-.61	.050	-.11	.050	.85
.200	-.37	.086	-.57	.075	.34	.100	.90
.300	-.40	.114	.36	.100	.62	.150	.88
.400	-.42	.172	.54	.150	.95	.200	.78
.500	-.38	.229	.39	.200	.86	.250	.84
.600	-.42	.286	.32	.250	.84	.300	.77
.700	-.31	.343	.27	.300	.80	.400	.76
.861	-.17	.400	.21	.350	.64	.500	.72
		.458	.25	.400	.56	.600	.75
		.571	.24	.500	.27	.703	.77
		.686	.26	.600	-.20	.756	.78
				.700	-.17		

ALPHA = -3.79 DEGREES DYNAMIC PRESSURE = 10.970 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.02	0.000	-1.08	.025	-1.93	.025	-.95
.150	.75	.029	-1.48	.050	-2.37	.050	-.86
.200	.44	.057	-1.15	.075	-2.61	.100	-.85
.300	.22	.086	-1.10	.100	-2.65	.150	-.89
.400	-.22	.114	-1.06	.149	-2.61	.200	-.89
.500	-.34	.172	-.75	.200	-2.43	.250	-.82
.600	-.47	.229	-.83	.250	-2.59	.300	-.72
.700	-.57	.286	-.79	.300	-2.65	.400	-.65
.800	-.49	.343	-.71	.350	-2.50	.500	-.57
		.400	-.64	.400	-2.23	.600	-.42
		.458	-.70	.500	-1.67	.703	-.33
		.571	-.68	.600	-1.34	.826	-.23
		.686	-.75	.700	-.99		
		.801	-.90	.800	-.75		
		.915	-1.06				
		.967	-1.28				
		.994	-1.39				
			LOWER	SURFACE			
.075	-.44	.029	.40	.025	-.73	.025	1.02
.150	-.55	.057	1.04	.050	-.14	.050	.98
.200	-.57	.086	.76	.075	.47	.100	.94
.300	-.69	.114	.70	.100	.83	.150	.94
.430	-.64	.172	.59	.150	1.00	.200	.92
.500	-.51	.229	.37	.200	1.04	.250	.88
.600	-.64	.286	.29	.250	.96	.300	.89
.700	-.56	.343	.28	.300	.84	.400	.87
.861	-.22	.400	.27	.350	.71	.500	.72
		.458	.24	.400	.65	.600	.81
		.571	.30	.500	.26	.703	.85
		.686	.31	.600	-.24	.756	.81
				.700	-.28		

ALPHA = -1.70 DEGREES DYNAMIC PRESSURE = 10.899 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.94	0.000	-2.18	.025	-2.19	.025	-1.00
.150	.63	.029	-2.18	.050	-2.49	.050	-.91
.200	.43	.057	-1.82	.075	-2.89	.100	-.95
.300	-.10	.086	-1.49	.100	-2.95	.150	-.92
.400	-.34	.114	-1.31	.149	-3.00	.200	-.90
.500	-.62	.172	-1.03	.200	-2.99	.250	-.84
.600	-.84	.229	-1.07	.250	-2.84	.300	-.79
.700	-.77	.286	-.94	.300	-2.80	.400	-.64
.800	-.80	.343	-.89	.350	-2.73	.500	-.60
		.400	-.84	.400	-2.61	.600	-.40
		.458	-.80	.500	-1.72	.703	-.31
		.571	-.84	.600	-1.38	.826	-.20
		.686	-.88	.700	-1.15		
		.801	-.96	.800	-.89		
		.915	-1.19				
		.967	-1.32				
		.994	-1.48				
			LOWER	SURFACE			
.075	-.43	.029	.95	.025	-.77	.025	1.03
.150	-.48	.057	.92	.050	-.07	.050	.99
.200	-.39	.086	.71	.075	.47	.100	.94
.300	-.52	.114	.59	.100	.80	.150	.94
.400	-.54	.172	.40	.150	.98	.200	.91
.500	-.56	.229	.29	.200	1.04	.250	.89
.600	-.42	.286	.28	.250	.96	.300	.90
.700	-.52	.343	.31	.300	.87	.400	.87
.861	-.22	.400	.28	.350	.78	.500	.76
		.458	.32	.400	.68	.600	.85
		.571	.28	.500	.34	.703	.85
		.686	.31	.600	-.24	.756	.84
				.700	-.26		

ALPHA = .38 DEGREES DYNAMIC PRESSURE = 10.878 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.86	0.000	-1.49	.025	-2.22	.025	-1.00
.150	.34	.029	-2.44	.050	-2.59	.050	-.89
.200	.07	.057	-2.04	.075	-2.94	.100	-.89
.300	-.39	.086	-1.57	.100	-3.04	.150	-.91
.400	-.70	.114	-1.55	.149	-3.04	.200	-.92
.500	-1.09	.172	-1.20	.200	-2.94	.250	-.84
.600	-1.25	.229	-1.19	.250	-2.94	.300	-.80
.700	-1.07	.286	-1.04	.300	-2.87	.400	-.69
.800	-1.00	.343	-.89	.350	-2.77	.500	-.61
		.400	-.91	.400	-2.62	.600	-.40
		.458	-.87	.500	-1.75	.703	-.33
		.571	-.91	.600	-1.46	.826	-.18
		.686	-.92	.700	-1.16		
		.801	-1.04	.800	-.71		
		.915	-1.20				
		.967	-1.41				
		.994	-1.52				
			LOWER	SURFACE			
.075	-.09	.029	.89	.025	-.73	.025	1.03
.150	-.16	.057	.95	.050	-.06	.050	1.00
.200	-.16	.086	.78	.075	.47	.100	1.00
.300	-.27	.114	.67	.100	.75	.150	.95
.400	-.17	.172	.52	.150	1.01	.200	.93
.500	-.13	.229	.42	.200	1.02	.250	.93
.600	-.23	.286	.39	.250	.97	.300	.89
.700	-.25	.343	.39	.330	.90	.400	.87
.861	-.07	.400	.33	.350	.83	.500	.80
		.458	.35	.400	.73	.600	.87
		.571	.37	.500	.39	.703	.88
		.686	.37	.600	-.22	.756	.85
				.700	-.27		

ALPHA = 2.47 DEGREES DYNAMIC PRESSURE = 10.862 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.50	0.000	-1.22	.025	-2.32	.025	-.99
.150	-.23	.029	-2.92	.050	-2.71	.050	-.89
.200	-.39	.057	-2.57	.075	-3.10	.100	-.94
.300	-.73	.086	-1.96	.100	-3.22	.150	-.91
.400	-1.00	.114	-1.59	.149	-3.19	.200	-.94
.500	-1.24	.172	-1.28	.200	-3.17	.250	-.85
.600	-1.82	.229	-1.28	.250	-2.98	.300	-.72
.700	-1.28	.286	-1.16	.300	-2.88	.400	-.66
.800	-1.12	.343	-1.04	.350	-2.83	.500	-.55
		.400	-.91	.400	-2.62	.600	-.42
		.458	-.93	.500	-1.74	.703	-.29
		.571	-.98	.600	-1.43	.826	-.19
		.686	-.98	.700	-1.21		
		.801	-1.02	.800	-.90		
		.915	-1.27				
		.967	-1.44				
		.994	-1.57				
			LOWER	SURFACE			
.075	.07	.029	1.06	.025	-.81	.025	1.05
.150	.03	.057	.92	.050	-.05	.050	1.03
.200	.18	.086	.76	.075	.47	.100	.97
.300	.14	.114	.70	.100	.79	.150	.99
.400	-.03	.172	.58	.150	1.01	.200	.94
.500	.06	.229	.49	.200	1.08	.250	.94
.600	.03	.286	.48	.250	1.03	.300	.94
.700	.07	.343	.48	.300	.91	.400	.93
.961	.01	.400	.45	.350	.87	.500	.79
		.458	.44	.400	.76	.600	.87
		.571	.43	.500	.43	.703	.88
		.686	.41	.600	-.22	.756	.84
				.700	-.23		

ALPHA = 4.43 DEGREES DYNAMIC PRESSURE = 10.919 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.17	0.000	-.53	.025	-2.22	.025	-.95
.150	-.40	.029	-3.47	.050	-2.84	.050	-.85
.200	-.81	.057	-2.74	.075	-3.10	.100	-.93
.300	-1.47	.086	-2.18	.100	-3.10	.150	-.87
.400	-1.55	.114	-1.93	.149	-3.16	.200	-.87
.500	-1.64	.172	-1.52	.200	-3.15	.250	-.82
.600	-1.74	.229	-1.37	.250	-2.96	.300	-.73
.700	-1.63	.286	-1.30	.300	-2.96	.400	-.65
.800	-1.49	.343	-1.15	.350	-2.80	.500	-.57
		.400	-1.07	.400	-2.70	.600	-.36
		.458	-1.03	.500	-1.76	.703	-.29
		.571	-1.02	.600	-1.49	.826	-.15
		.686	-1.06	.700	-1.18		
		.801	-1.09	.800	-.89		
		.915	-1.29				
		.967	-1.52				
		.994	-1.62				
			LOWER	SURFACE			
.075	.31	.029	1.04	.025	-.71	.025	1.02
.150	.25	.057	.93	.050	-.04	.050	1.02
.200	.22	.086	.85	.075	.48	.100	.98
.300	.32	.114	.76	.100	.80	.150	.99
.400	.24	.172	.61	.150	1.01	.200	.96
.500	.27	.229	.54	.200	1.06	.250	.97
.600	.24	.286	.53	.250	1.01	.300	.94
.700	.39	.343	.51	.300	.92	.400	.91
.861	.30	.400	.42	.350	.85	.500	.80
		.458	.48	.400	.77	.600	.87
		.571	.42	.500	.48	.703	.88
		.686	.44	.600	-.21	.756	.90
				.700	-.25		

ALPHA = 6.60 DEGREES DYNAMIC PRESSURE = 10.938 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.34	0.000	-.43	.025	-2.31	.025	-.96
.150	-1.30	.029	-3.97	.050	-2.70	.050	-.87
.200	-1.32	.057	-3.11	.075	-3.14	.100	-.92
.300	-1.69	.086	-2.34	.100	-3.21	.150	-.93
.400	-2.20	.114	-2.14	.149	-3.24	.200	-.85
.500	-2.36	.172	-1.70	.200	-3.14	.250	-.82
.600	-2.41	.229	-1.68	.250	-3.08	.300	-.76
.700	-2.07	.286	-1.49	.300	-2.95	.400	-.68
.800	-2.01	.343	-1.30	.350	-2.87	.500	-.58
		.400	-1.18	.400	-2.77	.600	-.38
		.458	-1.09	.500	-1.75	.703	-.28
		.571	-1.08	.600	-1.50	.926	-.14
		.686	-1.10	.700	-1.24		
		.801	-1.15	.800	-.92		
		.915	-1.35				
		.967	-1.54				
		.994	-1.64				
			LOWER	SURFACE			
.075	.36	.029	.99	.025	-.64	.025	1.03
.150	.47	.057	.94	.050	-.03	.050	1.02
.200	.39	.086	.84	.075	.49	.100	.98
.300	.40	.114	.75	.100	.78	.150	.99
.400	.64	.172	.70	.150	.99	.200	.94
.500	.73	.229	.56	.200	1.03	.250	.94
.600	.69	.286	.57	.250	.98	.300	.92
.700	.63	.343	.54	.300	.93	.400	.91
.861	.24	.400	.53	.350	.85	.500	.79
		.458	.54	.400	.75	.600	.87
		.571	.51	.500	.45	.703	.85
		.686	.46	.600	-.22	.756	.85
				.700	-.24		

ALPHA = 8.66 DEGREES DYNAMIC PRESSURE = 10.947 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.18	0.000	-.49	.025	-2.31	.025	-.94
.150	-1.60	.029	-4.49	.050	-2.72	.050	-.84
.200	-2.26	.057	-3.22	.075	-3.10	.100	-.89
.300	-2.27	.086	-2.62	.100	-3.16	.150	-.89
.400	-2.75	.114	-2.27	.149	-3.24	.200	-.88
.500	-2.54	.172	-1.91	.200	-3.12	.250	-.79
.600	-2.74	.229	-1.71	.250	-3.06	.300	-.74
.700	-2.53	.286	-1.51	.300	-3.03	.400	-.62
.800	-2.34	.343	-1.36	.350	-2.79	.500	-.54
		.400	-1.24	.400	-2.73	.600	-.36
		.458	-1.21	.500	-1.74	.703	-.25
		.571	-1.13	.600	-1.43	.826	-.11
		.686	-1.10	.700	-1.19		
		.801	-1.14	.800	-.88		
		.915	-1.36				
		.967	-1.57				
		.994	-1.67				
			LOWER	SURFACE			
.075	.59	.029	1.00	.025	-.54	.025	1.05
.150	.71	.057	.97	.050	.06	.050	1.03
.200	.53	.086	.86	.075	.48	.100	1.00
.300	.69	.114	.83	.100	.79	.150	.97
.400	.74	.172	.76	.150	1.04	.200	.97
.500	.75	.229	.64	.200	1.09	.250	.97
.600	.75	.286	.61	.250	1.02	.300	.96
.700	.66	.343	.56	.300	.94	.400	.92
.861	.23	.400	.58	.350	.90	.500	.79
		.458	.52	.400	.77	.600	.91
		.571	.51	.500	.51	.703	.88
		.686	.46	.600	-.18	.756	.90
				.700	-.21		

ALPHA = 10.43 DEGREES DYNAMIC PRESSURE = 10.921 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.57	0.000	-.61	.025	-2.26	.025	-.92
.150	-2.39	.029	-4.58	.050	-2.74	.050	-.85
.200	-2.74	.057	-3.67	.075	-3.03	.100	-.96
.300	-3.08	.086	-2.74	.100	-3.07	.150	-.87
.400	-3.09	.114	-2.50	.149	-3.22	.200	-.80
.500	-3.01	.172	-1.89	.200	-3.18	.250	-.81
.600	-3.14	.229	-1.82	.250	-3.07	.300	-.77
.700	-2.77	.286	-1.67	.300	-2.78	.400	-.65
.800	-2.78	.343	-1.47	.350	-2.80	.500	-.56
		.400	-1.29	.400	-2.76	.600	-.37
		.458	-1.23	.500	-1.77	.703	-.28
		.571	-1.18	.600	-1.44	.826	-.17
		.686	-1.19	.700	-1.21		
		.801	-1.17	.800	-.85		
		.915	-1.42				
		.967	-1.57				
		.994	-1.70				
			LOWER	SURFACE			
.075	.73	.029	.99	.025	-.55	.025	1.04
.150	.76	.057	1.00	.050	-.15	.050	.98
.200	.80	.086	.95	.075	.54	.100	.99
.300	.77	.114	.89	.100	.79	.150	.98
.400	.78	.172	.76	.150	1.02	.200	.95
.500	.77	.229	.73	.200	1.03	.250	.96
.600	.76	.286	.70	.250	.99	.300	.93
.700	.66	.343	.67	.300	.95	.400	.91
.861	.21	.400	.60	.350	.90	.500	.80
		.458	.57	.400	.78	.600	.90
		.571	.54	.500	.50	.703	.88
		.686	.52	.600	-.24	.756	.88
				.700	-.24		

ALPHA = 12.35 DEGREES DYNAMIC PRESSURE = 10.904 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.63	0.000	-1.03	.025	-2.25	.025	-.89
.150	-3.03	.029	-4.84	.050	-2.67	.050	-.79
.200	-3.52	.057	-4.13	.075	-3.08	.100	-.84
.300	-3.86	.086	-2.98	.100	-2.96	.150	-.82
.400	-3.62	.114	-2.83	.149	-3.15	.200	-.86
.500	-3.63	.172	-2.12	.200	-3.09	.250	-.74
.600	-3.37	.229	-1.99	.250	-2.96	.300	-.69
.700	-3.30	.286	-1.79	.300	-2.91	.400	-.62
.800	-3.13	.343	-1.56	.250	-2.76	.500	-.47
		.400	-1.39	.400	-2.72	.600	-.34
		.458	-1.34	.500	-1.72	.703	-.23
		.571	-1.25	.600	-1.38	.826	-.08
		.686	-1.18	.700	-1.12		
		.801	-1.24	.800	-.77		
		.915	-1.46				
		.967	-1.59				
		.994	-1.73				
			LOWER	SURFACE			
.075	.97	.029	.97	.025	-.48	.025	1.00
.150	.82	.057	1.04	.050	.10	.050	1.00
.200	.82	.086	.91	.075	.53	.100	.98
.300	.83	.114	.92	.100	.78	.150	1.00
.400	.76	.172	.92	.150	1.01	.200	.93
.500	.78	.229	.71	.200	1.01	.250	.96
.600	.72	.286	.71	.250	1.01	.300	.92
.700	.63	.343	.64	.300	.97	.400	.90
.861	.14	.400	.62	.350	.89	.500	.81
		.458	.59	.400	.81	.600	.89
		.571	.51	.500	.54	.703	.87
		.686	.50	.600	-.16	.756	.89
				.700	-.19		

ALPHA = 14.32 DEGREES DYNAMIC PRESSURE = 10.919 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-4.47	0.000	-1.05	.025	-2.25	.025	-.90
.150	-3.92	.029	-5.43	.050	-2.70	.050	-.80
.200	-4.67	.057	-4.42	.075	-3.09	.100	-.88
.300	-4.76	.086	-3.18	.100	-3.11	.150	-.83
.400	-4.51	.114	-2.76	.149	-3.07	.200	-.78
.500	-4.19	.172	-2.22	.200	-3.16	.250	-.73
.600	-2.95	.229	-2.12	.250	-2.95	.300	-.63
.700	-3.81	.286	-1.85	.300	-2.82	.400	-.63
.800	-3.25	.343	-1.61	.350	-2.72	.500	-.43
		.400	-1.47	.400	-2.49	.600	-.32
		.458	-1.37	.500	-1.67	.703	-.24
		.571	-.85	.600	-1.31	.826	-.10
		.686	-1.24	.700	-1.08		
		.801	-1.26	.800	-.81		
		.915	-1.38				
		.967	-1.53				
		.994	-1.69				
			LOWER	SURFACE			
.075	1.02	.029	.89	.025	-.44	.025	1.04
.150	.90	.057	1.01	.050	.15	.050	1.01
.200	.91	.086	1.01	.075	.50	.100	1.02
.300	.84	.114	.95	.100	.80	.150	.98
.400	.82	.172	.82	.150	.95	.200	1.00
.500	.77	.229	.82	.200	.97	.250	.93
.600	.70	.286	.76	.250	.95	.300	.91
.700	.59	.343	.73	.300	.95	.400	.93
.861	.08	.400	.72	.350	.84	.500	.83
		.458	.70	.400	.78	.600	.87
		.571	.62	.500	.36	.703	.87
		.686	.58	.600	-.20	.756	.82
				.700	-.24		

ALPHA = 16.21 DEGREES DYNAMIC PRESSURE = 10.898 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.84	0.000	-1.21	.025	-1.75	.025	-1.19
.150	-4.32	.029	-5.87	.050	-1.63	.050	-1.20
.200	-4.03	.057	-4.83	.075	-1.77	.100	-.91
.300	-4.08	.086	-3.13	.100	-2.22	.150	-1.24
.400	-4.53	.114	-2.05	.149	-1.93	.200	-1.24
.500	-3.82	.172	-1.64	.200	-2.27	.250	-1.13
.600	-3.68	.229	-1.27	.250	-1.39	.300	-.93
.700	-3.11	.286	-1.28	.300	-1.36	.400	-1.01
.800	-2.41	.343	-1.10	.350	-1.40	.500	-.96
		.400	-.81	.400	-1.60	.600	-.76
		.458	-.99	.500	-1.09	.703	-.64
		.571	-1.07	.600	-1.02	.826	-.55
		.686	-.98	.700	-.88		
		.801	-1.03	.800	-.77		
		.915	-1.01				
		.967	-1.02				
		.994	-1.02				
			LOWER	SURFACE			
.075	1.05	.029	.92	.025	-.36	.025	1.04
.150	1.00	.057	.98	.050	.23	.050	1.05
.200	.96	.086	.95	.075	.55	.100	1.04
.300	.86	.114	.92	.100	.86	.150	.99
.400	.84	.172	.90	.150	1.02	.200	.96
.500	.80	.229	.81	.200	1.06	.250	.95
.600	.78	.286	.73	.250	.96	.300	.94
.700	.64	.343	.65	.300	.93	.400	.88
.861	.24	.400	.68	.350	.81	.500	.80
		.458	.67	.400	.78	.600	.84
		.571	.56	.500	.49	.703	.85
		.686	.52	.600	-.32	.756	.86
				.700	-.35		

ALPHA = 18.08 DEGREES DYNAMIC PRESSURE = 10.952 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.18	0.000	-.71	.025	-1.44	.025	-1.34
.150	-3.61	.029	-4.62	.050	-1.51	.050	-1.26
.200	-4.23	.057	-3.45	.075	-1.62	.100	-1.31
.300	-4.69	.086	-2.30	.100	-1.58	.150	-1.19
.400	-3.46	.114	-2.20	.149	-1.48	.200	-1.27
.500	-4.06	.172	-1.71	.200	-1.37	.250	-1.22
.600	-3.29	.229	-1.74	.250	-1.66	.300	-1.09
.700	-3.54	.286	-1.29	.300	-1.42	.400	-1.05
.800	-2.40	.343	-.94	.350	-1.42	.500	-.96
		.400	-.92	.400	-1.26	.600	-.72
		.458	-.90	.500	-1.05	.703	-.93
		.571	-.71	.600	-1.00	.826	-.73
		.686	-.90	.700	-.83		
		.801	-.69	.800	-.81		
		.915	-1.06				
		.967	-.39				
		.994	-.88				
			LOWER	SURFACE			
.075	1.03	.029	.98	.025	-.31	.025	1.04
.150	.98	.057	.99	.050	.23	.050	1.02
.200	.94	.086	1.02	.075	.58	.100	1.01
.300	.89	.114	.97	.100	.80	.150	1.00
.400	.84	.172	.91	.150	1.01	.200	.92
.500	.83	.229	.83	.200	1.01	.250	.95
.600	.78	.286	.76	.250	1.00	.300	.92
.700	.66	.343	.73	.300	.93	.400	.90
.861	.27	.400	.64	.350	.84	.500	.77
		.458	.67	.400	.76	.600	.84
		.571	.64	.500	.37	.703	.85
		.686	.61	.600	-.40	.756	.81
				.700	-.51		

ALPHA = 19.92 DEGREES DYNAMIC PRESSURE = 10.935 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-6.29	0.000	-.85	.025	-1.55	.025	-.91
.150	-5.64	.029	-4.89	.050	-1.68	.050	-.95
.200	-5.70	.057	-4.11	.075	-1.71	.100	-.94
.300	-5.46	.086	-3.37	.100	-1.78	.150	-.96
.400	-4.95	.114	-2.42	.149	-2.07	.200	-1.11
.500	-5.27	.172	-1.96	.200	-1.70	.250	-.86
.600	-4.72	.229	-1.76	.250	-1.73	.300	-.79
.700	-3.91	.286	-1.74	.300	-1.44	.400	-.68
.800	-3.57	.343	-1.53	.350	-1.70	.500	-.58
		.400	-1.54	.400	-1.31	.600	-.57
		.458	-1.27	.500	-1.03	.703	-.53
		.571	-1.21	.600	-.79	.826	-.18
		.686	-1.18	.700	-.76		
		.801	-.99	.800	-.84		
		.915	-1.04				
		.967	-1.11				
		.994	-1.19				
			LOWER	SURFACE			
.075	1.03	.029	.84	.025	-.24	.025	1.05
.150	1.00	.057	.97	.050	.23	.050	1.03
.200	.92	.086	.99	.075	.67	.100	.95
.300	.93	.114	.99	.100	.86	.150	1.03
.400	.84	.172	.92	.150	1.02	.200	.95
.500	.80	.229	.86	.200	1.08	.250	.94
.600	.80	.286	.84	.250	1.03	.300	.94
.700	.63	.343	.72	.300	.99	.400	.92
.861	-.00	.400	.73	.350	.96	.500	.80
		.458	.73	.400	.89	.600	.92
		.571	.64	.500	.58	.703	.92
		.686	.60	.600	-.09	.756	.89
				.700	-.21		

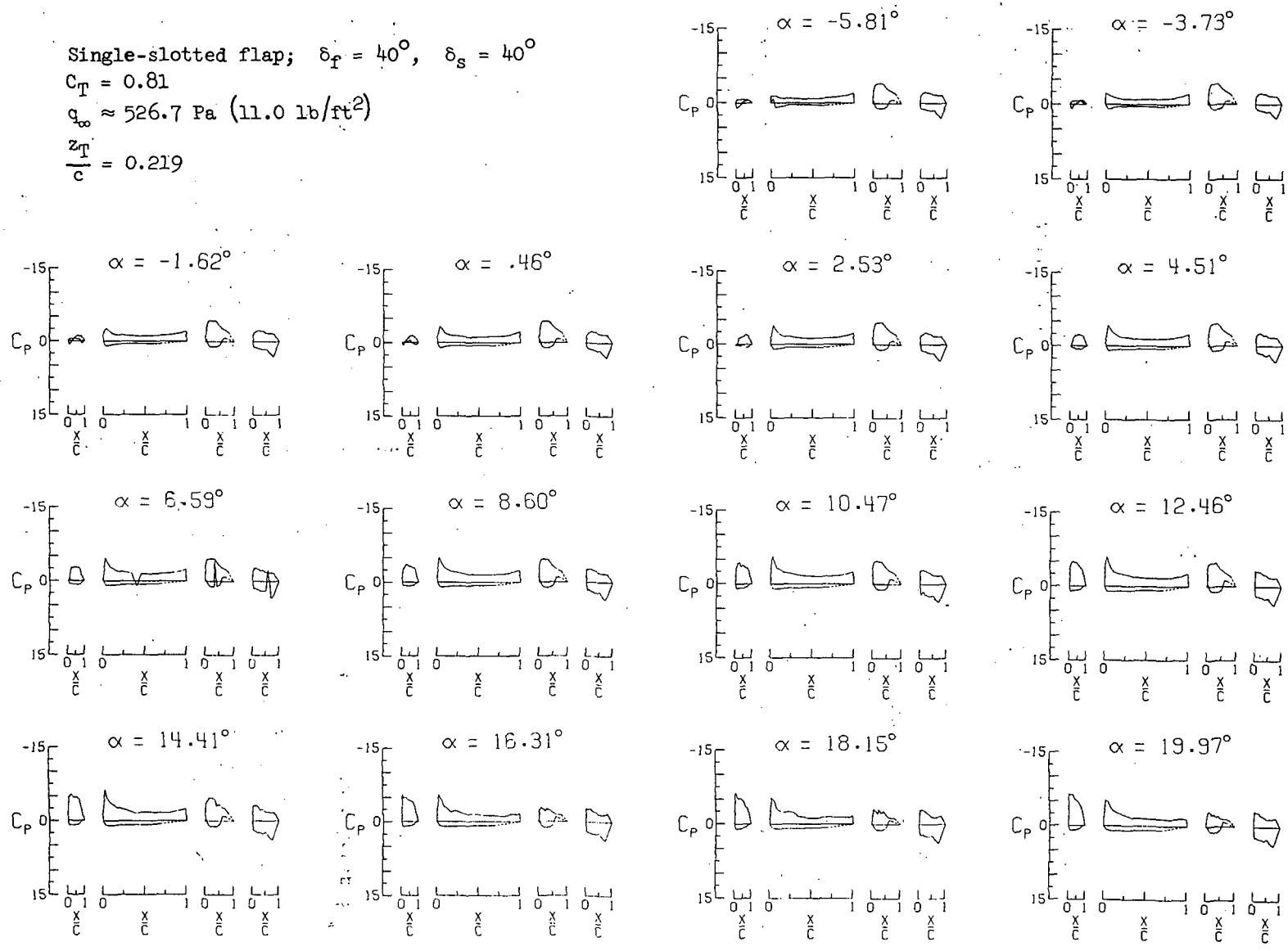
APPENDIX D

Single-slotted flap; $\delta_f = 40^\circ$, $\delta_s = 40^\circ$

$C_T = 0.81$

$q_\infty \approx 526.7$ Pa (11.0 lb/ft^2)

$\frac{z_T}{c} = 0.219$



ALPHA = -5.82 DEGREES DYNAMIC PRESSURE = 10.929 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.02	0.000	-1.43	.025	-2.62	.025	-1.67
.150	.84	.029	-1.34	.050	-3.20	.050	-1.68
.200	.70	.057	-1.45	.075	-3.73	.100	-2.03
.300	.39	.086	-1.15	.100	-3.79	.150	-2.12
.400	-.10	.114	-1.02	.149	-4.02	.200	-2.24
.500	-.37	.172	-.99	.200	-3.94	.250	-2.15
.600	-.47	.229	-.92	.250	-4.04	.300	-2.09
.700	-.53	.286	-.89	.300	-4.01	.400	-1.98
.800	-.48	.343	-.84	.350	-3.93	.500	-1.71
		.400	-.75	.400	-3.66	.600	-1.63
		.458	-.83	.500	-2.92	.703	-1.63
		.571	-.86	.600	-2.55	.826	-1.56
		.686	-1.05	.700	-2.26		
		.801	-1.21	.800	-1.92		
		.915	-1.49				
		.967	-1.80				
		.994	-2.00				
			LOWER	SURFACE			
.075	-.66	.029	-.81	.025	-.54	.025	1.10
.150	-.68	.057	.94	.050	-.07	.050	1.11
.200	-.70	.086	.81	.075	.32	.100	1.18
.300	-.76	.114	.73	.100	.63	.150	1.21
.400	-.78	.172	.51	.150	.96	.200	1.29
.500	-.77	.229	.34	.200	1.07	.250	1.41
.600	-.70	.286	.35	.250	1.06	.300	1.44
.703	-.65	.343	.33	.300	1.05	.400	1.59
.861	-.45	.400	.35	.350	1.01	.500	1.36
		.458	.34	.400	.96	.600	2.14
		.571	.40	.500	.60	.703	2.57
		.686	.46	.600	-.58	.756	3.00
				.700	-.74		

ALPHA = -3.74 DEGREES DYNAMIC PRESSURE = 10.965 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.94	0.000	-2.16	.025	-2.70	.025	-1.69
.150	.68	.029	-1.98	.050	-3.34	.050	-1.65
.200	.17	.057	-1.72	.075	-3.82	.100	-2.06
.300	.05	.086	-1.53	.100	-4.05	.150	-2.15
.400	-.25	.114	-1.34	.149	-4.14	.200	-2.21
.500	-.47	.172	-1.11	.200	-4.07	.250	-2.18
.600	-.82	.229	-1.08	.250	-4.16	.300	-2.07
.700	-.80	.286	-1.08	.300	-4.12	.400	-2.06
.800	-.77	.343	-1.01	.350	-4.09	.500	-1.71
		.400	-.96	.400	-3.67	.600	-1.65
		.458	-.97	.500	-3.03	.703	-1.61
		.571	-1.02	.600	-2.58	.826	-1.55
		.686	-1.07	.700	-2.28		
		.801	-1.23	.800	-1.92		
		.915	-1.59				
		.967	-1.90				
		.994	-2.09				
			LOWER	SURFACE			
.075	-.50	.029	.90	.025	-.56	.025	1.08
.150	-.65	.057	.94	.050	-.04	.050	1.14
.200	-.61	.086	.76	.075	.36	.100	1.18
.300	-.67	.114	.62	.100	.69	.150	1.27
.400	-.68	.172	.45	.150	.99	.200	1.29
.500	-.70	.229	.44	.200	1.08	.250	1.41
.600	-.70	.286	.35	.250	1.07	.300	1.46
.700	-.54	.343	.34	.300	1.06	.400	1.66
.861	-.14	.400	.37	.350	.99	.500	1.44
		.458	.40	.400	.95	.600	2.13
		.571	.45	.500	.63	.703	2.64
		.686	.49	.600	-.55	.756	2.83
				.700	-.69		

ALPHA = -1.62 DEGREES DYNAMIC PRESSURE = 10.925 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.83	0.000	-1.81	.025	-2.77	.025	-1.71
.150	.38	.029	-2.63	.050	-3.48	.050	-1.86
.200	.23	.057	-2.24	.075	-4.04	.100	-2.00
.300	-.30	.086	-1.85	.100	-4.19	.150	-2.17
.400	-.68	.114	-1.50	.149	-4.32	.200	-2.23
.500	-1.01	.172	-1.29	.200	-4.25	.250	-2.26
.600	-1.20	.229	-1.30	.250	-4.22	.300	-2.13
.700	-1.01	.286	-1.16	.300	-4.30	.400	-2.09
.800	-1.04	.343	-1.15	.350	-4.16	.500	-1.72
		.400	-1.05	.400	-3.89	.600	-1.65
		.458	-1.02	.500	-3.16	.703	-1.69
		.571	-1.08	.600	-2.64	.826	-1.55
		.686	-1.15	.700	-2.33		
		.801	-1.32	.800	-1.92		
		.915	-1.64				
		.967	-1.96				
		.994	-2.06				
			LOWER	SURFACE			
.075	-.28	.029	.98	.025	-.51	.025	1.10
.150	-.41	.057	.96	.050	-.06	.050	1.18
.200	-.42	.086	.80	.075	.36	.100	1.18
.300	-.41	.114	.72	.100	.66	.150	1.25
.400	-.58	.172	.56	.150	.97	.200	1.33
.500	-.50	.229	.54	.200	1.05	.250	1.44
.600	-.38	.286	.48	.250	1.06	.300	1.50
.700	-.40	.343	.46	.300	1.07	.400	1.63
.861	.50	.400	.46	.350	1.01	.500	1.51
		.458	.46	.400	.99	.600	2.15
		.571	.51	.500	.68	.703	2.67
		.686	.51	.600	-.57	.756	3.11
				.700	-.75		

ALPHA = .47 DEGREES DYNAMIC PRESSURE = 10.924 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.62	0.000	-.81	.025	-2.85	.025	-1.76
.150	.07	.029	-3.36	.050	-3.50	.050	-1.77
.200	-.22	.057	-2.74	.075	-4.10	.100	-2.05
.300	-.71	.086	-2.00	.100	-4.31	.150	-2.18
.400	-.95	.114	-1.74	.149	-4.38	.200	-2.38
.500	-1.28	.172	-1.46	.200	-4.33	.250	-2.21
.600	-1.45	.229	-1.47	.250	-4.43	.300	-2.13
.700	-1.35	.286	-1.34	.300	-4.39	.400	-2.12
.800	-1.13	.343	-1.25	.350	-4.30	.500	-1.76
		.400	-1.10	.400	-3.99	.600	-1.66
		.458	-1.10	.500	-3.22	.703	-1.67
		.571	-1.16	.600	-2.72	.826	-1.60
		.686	-1.27	.700	-2.38		
		.801	-1.35	.800	-2.01		
		.915	-1.72				
		.967	-2.01				
		.994	-2.23				
			LOWER	SURFACE			
.075	.12	.029	1.02	.025	-.54	.025	1.14
.150	-.09	.057	.98	.050	-.01	.050	1.18
.200	-.00	.086	.83	.075	.38	.100	1.21
.300	-.14	.114	.71	.100	.67	.150	1.30
.400	-.39	.172	.60	.150	.94	.200	1.37
.500	-.43	.229	.58	.200	1.04	.250	1.47
.600	.03	.286	.52	.250	1.06	.300	1.52
.700	.23	.343	.57	.300	1.02	.400	1.75
.861	.47	.400	.58	.350	.99	.500	1.57
		.458	.53	.400	.99	.600	2.25
		.571	.54	.500	.65	.703	2.74
		.686	.56	.600	-.64	.756	3.09
				.700	-.78		

ALPHA = 2.54 DEGREES DYNAMIC PRESSURE = 10.901 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.30	0.000	-.90	.025	-2.94	.025	-1.99
.150	-.41	.029	-3.89	.050	-3.60	.050	-1.89
.200	-1.24	.057	-3.01	.075	-4.15	.100	-2.10
.300	-1.35	.086	-2.48	.100	-4.35	.150	-2.26
.400	-1.51	.114	-2.01	.149	-4.44	.200	-2.47
.500	-1.68	.172	-1.59	.200	-4.39	.250	-2.38
.600	-2.03	.229	-1.66	.250	-4.49	.300	-2.24
.700	-1.82	.286	-1.48	.300	-4.48	.400	-2.17
.800	-1.66	.343	-1.40	.350	-4.35	.500	-1.78
		.400	-1.26	.400	-3.98	.600	-1.69
		.458	-1.24	.500	-3.29	.703	-1.67
		.571	-1.27	.600	-2.73	.826	-1.62
		.686	-1.33	.700	-2.41		
		.801	-1.43	.800	-2.06		
		.915	-1.79				
		.967	-2.10				
		.994	-2.31				
			LOWER	SURFACE			
.075	.07	.029	1.03	.025	-.48	.025	1.12
.150	.19	.057	.94	.050	-.04	.050	1.28
.200	.13	.086	.85	.075	.35	.100	1.28
.300	.42	.114	.80	.100	.89	.150	1.41
.400	.00	.172	.64	.150	.94	.200	1.40
.500	.02	.229	.59	.200	1.04	.250	1.61
.600	.66	.286	.60	.250	1.18	.300	1.68
.700	.63	.343	.59	.300	1.04	.400	1.80
.861	.25	.400	.60	.350	1.06	.500	1.75
		.458	.59	.400	.98	.600	2.51
		.571	.58	.500	.68	.703	3.10
		.686	.57	.600	-.62	.756	3.26
				.700	-.80		

ALPHA = 4.51 DEGREES DYNAMIC PRESSURE = 10.896 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.09	0.000	-.53	.025	-2.97	.025	-1.90
.150	-.88	.029	-4.22	.050	-3.71	.050	-2.26
.200	-1.34	.057	-3.41	.075	-4.24	.100	-2.48
.300	-2.24	.086	-2.76	.100	-4.35	.150	-2.60
.400	-2.02	.114	-2.43	.149	-4.54	.200	-2.54
.500	-2.41	.172	-1.77	.200	-4.57	.250	-2.40
.600	-2.24	.229	-1.82	.250	-4.48	.300	-2.15
.700	-2.14	.286	-1.70	.300	-4.59	.400	-2.19
.800	-1.96	.343	-1.50	.350	-4.34	.500	-1.79
		.400	-1.38	.400	-4.08	.600	-1.77
		.458	-1.34	.500	-3.32	.703	-1.71
		.571	-1.37	.600	-2.82	.826	-1.67
		.686	-1.49	.700	-2.47		
		.801	-1.56	.800	-2.12		
		.915	-1.88				
		.967	-2.20				
		.994	-2.40				
			LOWER	SURFACE			
.075	.26	.029	.98	.025	-.41	.025	1.16
.150	.46	.057	.95	.050	.00	.050	1.34
.200	.36	.086	.83	.075	.36	.100	1.35
.300	.61	.114	.83	.100	.66	.150	1.45
.400	.70	.172	.70	.150	.95	.200	1.62
.500	.57	.229	.67	.200	1.03	.250	1.55
.600	.71	.286	.64	.250	1.07	.300	1.85
.700	.61	.343	.65	.300	1.21	.400	2.01
.861	.21	.400	.59	.350	1.04	.500	1.69
		.458	.61	.400	1.02	.600	2.53
		.571	.58	.500	.68	.703	3.10
		.686	.57	.600	-.83	.756	3.20
				.700	-.88		

ALPHA = 6.59 DEGREES DYNAMIC PRESSURE = 10.889 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.09	0.000	-.60	.025	-3.06	.025	-2.30
.150	-2.12	.029	-4.67	.050	-3.78	.050	-2.42
.200	-2.55	.057	-3.64	.075	-4.37	.100	-2.74
.300	-2.57	.086	-2.83	.100	-4.56	.150	-2.79
.400	-2.75	.114	-2.55	.149	-4.51	.200	-2.56
.500	-2.78	.172	-1.96	.200	-4.59	.250	-2.50
.600	-2.66	.229	-1.93	.250	-4.62	.300	-2.16
.700	-2.65	.286	-1.77	.300	-4.59	.400	-2.31
.800	-1.17	.343	-1.56	.350	-4.49	.500	-1.86
		.400	-1.00	.400	-4.08	.600	-1.75
		.458	-1.45	.500	-3.33	.703	-1.75
		.571	-1.40	.600	-2.81	.826	-1.68
		.686	-1.50	.700	-2.50		
		.801	-1.60	.800	-2.05		
		.915	-1.93				
		.967	-2.22				
		.994	-2.45				
			LOWER	SURFACE			
.075	.71	.029	.98	.025	-.44	.025	1.23
.150	.66	.057	.95	.050	.04	.050	1.47
.200	.67	.086	.94	.075	.42	.100	1.44
.300	.72	.114	.90	.100	.61	.150	1.56
.400	.71	.172	.83	.150	.95	.200	1.67
.500	.75	.229	.78	.200	1.05	.250	1.80
.600	.76	.286	.71	.250	1.08	.300	1.98
.700	.66	.343	.71	.300	1.07	.400	2.03
.861	.23	.400	.72	.350	-4.06	.500	1.91
		.458	.71	.400	1.01	.600	-2.38
		.571	.62	.500	.74	.703	3.24
		.686	.59	.600	-.82	.756	3.41
				.700	-1.01		

ALPHA = 8.61 DEGREES DYNAMIC PRESSURE = 11.025 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.53	0.000	-.65	.025	-3.15	.025	-2.90
.150	-2.86	.029	-5.11	.050	-3.84	.050	-2.67
.200	-2.99	.057	-3.96	.075	-4.42	.100	-2.71
.300	-3.63	.086	-3.20	.100	-4.59	.150	-2.78
.400	-3.46	.114	-2.75	.149	-4.67	.200	-2.80
.500	-3.24	.172	-2.24	.200	-4.72	.250	-2.60
.600	-3.22	.229	-2.14	.250	-4.61	.300	-2.43
.700	-2.93	.286	-1.92	.300	-4.72	.400	-2.26
.800	-2.92	.343	-1.71	.350	-4.59	.500	-1.92
		.400	-1.63	.400	-4.11	.600	-1.75
		.458	-1.52	.500	-3.34	.703	-1.74
		.571	-1.51	.600	-2.94	.826	-1.67
		.686	-1.56	.700	-2.48		
		.801	-1.67	.800	-2.14		
		.915	-2.03				
		.967	-2.36				
		.994	-2.48				
			LOWER	SURFACE			
.075	.73	.029	.94	.025	-.44	.025	1.26
.150	.79	.057	1.00	.050	.05	.050	1.61
.200	.73	.086	.92	.075	.36	.100	1.44
.300	.79	.114	.93	.100	.62	.150	1.68
.400	.75	.172	.78	.150	.89	.200	1.82
.500	.75	.229	.78	.200	1.04	.250	1.95
.600	.72	.286	.76	.250	1.05	.300	2.12
.700	.63	.343	.75	.300	1.10	.400	2.26
.861	.17	.400	.72	.350	1.02	.500	2.00
		.458	.66	.400	1.02	.600	2.81
		.571	.67	.500	.70	.703	3.34
		.686	.61	.600	-.94	.756	3.50
				.700	-1.04		

ALPHA = 10.47 DEGREES DYNAMIC PRESSURE = 11.004 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.94	0.000	-.98	.025	-3.13	.025	-2.82
.150	-3.61	.029	-5.69	.050	-3.97	.050	-2.84
.200	-4.26	.057	-4.48	.075	-4.54	.100	-2.85
.300	-4.41	.086	-3.27	.100	-4.69	.150	-2.37
.400	-3.60	.114	-3.07	.149	-4.78	.200	-2.79
.500	-4.00	.172	-2.34	.200	-4.77	.250	-2.76
.600	-3.58	.229	-2.29	.250	-4.71	.300	-2.46
.700	-3.32	.296	-2.01	.300	-4.64	.400	-2.37
.800	-3.26	.343	-1.83	.350	-4.62	.500	-1.87
		.400	-1.68	.400	-4.22	.600	-1.79
		.458	-1.61	.500	-3.43	.703	-1.75
		.571	-1.56	.600	-2.82	.826	-1.72
		.686	-1.63	.700	-2.50		
		.801	-1.66	.800	-2.14		
		.915	-2.04				
		.967	-2.31				
		.994	-2.57				
			LOWER	SURFACE			
.075	.96	.029	.97	.025	-.48	.025	1.52
.150	.91	.057	1.02	.050	.04	.050	2.05
.200	.82	.086	.99	.075	.41	.100	1.61
.300	.80	.114	.94	.100	.63	.150	1.53
.400	.79	.172	.88	.150	.92	.200	2.10
.500	.78	.229	.83	.200	1.06	.250	2.01
.600	.72	.286	.81	.250	1.10	.300	2.27
.700	.62	.343	.82	.300	1.13	.400	2.44
.861	.06	.400	.75	.350	1.10	.500	2.20
		.458	.73	.400	1.07	.600	2.94
		.571	.72	.500	.74	.703	3.33
		.686	.67	.600	-1.05	.756	3.49
				.700	-1.01		

ALPHA = 12.46 DEGREES DYNAMIC PRESSURE = 10.973 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.39	0.000	-1.29	.025	-3.25	.025	-3.31
.150	-4.48	.029	-6.04	.050	-3.94	.050	-2.79
.200	-4.89	.057	-4.86	.075	-4.56	.100	-3.17
.300	-4.99	.086	-3.73	.100	-4.55	.150	-3.04
.400	-4.77	.114	-2.89	.149	-4.83	.200	-2.94
.500	-4.76	.172	-2.56	.200	-4.66	.250	-2.87
.600	-4.27	.229	-2.45	.250	-4.66	.300	-2.42
.700	-3.86	.296	-2.20	.300	-4.83	.400	-2.36
.803	-3.35	.343	-1.92	.350	-4.65	.500	-1.95
		.400	-1.75	.400	-4.16	.600	-1.71
		.458	-1.69	.500	-3.43	.703	-1.74
		.571	-1.61	.600	-2.91	.826	-1.77
		.686	-1.67	.700	-2.39		
		.801	-1.71	.800	-2.07		
		.915	-2.01				
		.967	-2.39				
		.994	-2.57				
			LOWER	SURFACE			
.075	1.02	.029	.96	.025	-.47	.025	1.68
.150	.95	.057	1.05	.050	-.01	.050	1.96
.200	.85	.096	1.01	.075	.39	.100	1.97
.300	.86	.114	1.02	.100	.70	.150	1.96
.400	.84	.172	.96	.150	.95	.200	2.12
.500	.77	.229	.87	.200	1.04	.250	2.22
.600	.72	.296	.91	.250	1.12	.300	2.27
.700	.59	.343	.87	.300	1.20	.400	2.57
.861	.00	.400	.83	.350	1.17	.500	2.32
		.458	.75	.400	1.15	.600	2.90
		.571	.76	.500	.75	.703	3.57
		.686	.72	.600	-1.25	.756	3.78
				.700	-1.06		

ALPHA = 14.42 DEGREES DYNAMIC PRESSURE = 10.917 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-4.86	0.000	-1.29	.025	-3.20	.025	-3.10
.150	-4.74	.029	-6.29	.050	-4.00	.050	-3.06
.200	-5.31	.057	-4.38	.075	-4.11	.100	-3.19
.300	-5.09	.086	-3.74	.100	-4.26	.150	-3.10
.400	-4.73	.114	-3.42	.149	-4.69	.200	-3.06
.500	-4.83	.172	-2.67	.200	-4.73	.250	-2.72
.600	-4.81	.229	-2.46	.250	-4.73	.300	-2.24
.700	-4.31	.286	-2.22	.300	-4.62	.400	-2.38
.800	-2.93	.343	-1.88	.350	-4.35	.503	-1.89
		.400	-1.45	.400	-3.07	.600	-1.82
		.458	-1.74	.500	-3.39	.703	-1.69
		.571	-1.72	.600	-2.78	.826	-1.75
		.686	-1.63	.700	-2.55		
		.801	-1.63	.800	-1.74		
		.915	-2.09				
		.967	-2.31				
		.994	-2.56				
			LOWER	SURFACE			
.075	1.02	.029	.89	.025	-.45	.025	1.93
.150	.96	.057	1.03	.050	.13	.050	1.91
.200	.92	.086	1.10	.075	.39	.100	1.98
.300	.90	.114	1.02	.100	.68	.150	2.26
.400	.87	.172	.95	.150	.96	.200	2.35
.500	.81	.229	.95	.200	1.13	.250	2.33
.600	.76	.286	.88	.250	1.12	.300	2.39
.700	.59	.343	.86	.300	1.14	.400	2.62
.861	-.01	.400	.84	.350	1.16	.500	2.27
		.458	.85	.400	1.14	.600	3.01
		.571	.79	.500	.72	.703	3.57
		.686	.69	.600	-1.03	.756	3.83
				.700	-.94		

ALPHA = 16.31 DEGREES DYNAMIC PRESSURE = 10.902 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-5.56	0.000	-1.17	.025	-2.20	.025	-2.91
.150	-4.75	.029	-5.50	.050	-2.57	.050	-2.60
.200	-4.97	.057	-4.48	.075	-2.67	.100	-2.57
.300	-4.96	.086	-3.14	.100	-2.91	.150	-2.65
.400	-4.47	.114	-2.88	.149	-2.60	.200	-2.68
.500	-4.31	.172	-1.97	.200	-2.54	.250	-2.38
.600	-4.10	.229	-2.29	.250	-2.17	.300	-2.05
.700	-4.02	.286	-1.89	.300	-2.78	.400	-1.88
.800	-3.17	.343	-1.54	.350	-2.31	.500	-1.47
		.400	-1.51	.400	-2.40	.600	-1.44
		.458	-1.56	.500	-1.83	.703	-1.43
		.571	-1.24	.600	-1.37	.826	-1.71
		.686	-1.25	.700	-1.38		
		.801	-1.08	.800	-1.30		
		.915	-1.48				
		.967	-1.37				
		.994	-1.69				
			LOWER	SURFACE			
.075	1.00	.029	.75	.025	-.13	.025	1.89
.150	.99	.057	.95	.050	.19	.050	1.97
.200	.93	.086	.97	.075	.48	.100	2.05
.300	.91	.114	.98	.100	.75	.150	2.18
.400	.85	.172	.93	.150	.98	.200	2.26
.500	.79	.229	.94	.200	1.18	.250	2.44
.600	.78	.286	.87	.250	1.15	.300	2.43
.700	.64	.343	.87	.300	1.16	.400	2.56
.861	.08	.400	.85	.350	1.17	.500	2.27
		.458	.80	.400	1.18	.600	3.08
		.571	.78	.500	.71	.703	3.59
		.686	.75	.600	-.99	.756	3.74
				.700	-.70		

ALPHA = 18.15 DEGREES DYNAMIC PRESSURE = 10.882 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-5.58	0.000	1.00	.025	-2.21	.025	-2.91
.150	-4.76	.029	-5.51	.050	-2.57	.050	-2.61
.200	-4.98	.057	-4.49	.075	-2.68	.100	-2.57
.300	-4.97	.086	-3.15	.100	-2.92	.150	-2.66
.400	-4.48	.114	-2.89	.149	-2.61	.200	-2.68
.500	-4.32	.172	-1.97	.200	-2.55	.250	-2.38
.600	-4.11	.229	-2.29	.250	-2.18	.300	-2.05
.700	-4.03	.286	-1.89	.300	-2.79	.430	-1.88
.800	-3.18	.343	-1.54	.350	-2.31	.500	-1.47
		.400	-1.51	.400	-2.40	.600	-1.44
		.458	-1.56	.500	-1.83	.703	-1.44
		.571	-1.25	.600	-1.38	.826	-1.71
		.686	-1.26	.700	-1.39		
		.801	-1.08	.800	1.00		
		.915	-1.49				
		.967	-1.37				
		.994	-1.70				
			LOWER	SURFACE			
.075	1.00	.029	.75	.025	-.13	.025	1.00
.150	.99	.057	.95	.050	.18	.050	1.97
.200	.93	.086	.97	.075	.48	.100	2.06
.300	.91	.114	.98	.100	.75	.150	2.18
.400	.85	.172	.93	.150	.98	.200	2.26
.500	.79	.229	.94	.200	1.18	.250	2.44
.600	.78	.286	.87	.250	1.15	.300	2.43
.700	.64	.343	.87	.300	1.16	.400	2.56
.861	.08	.400	.85	.350	1.17	.500	2.28
		.458	.80	.400	1.18	.600	3.09
		.571	.78	.500	.71	.703	3.59
		.686	.75	.600	-.99	.756	3.75
				.700	-.71		

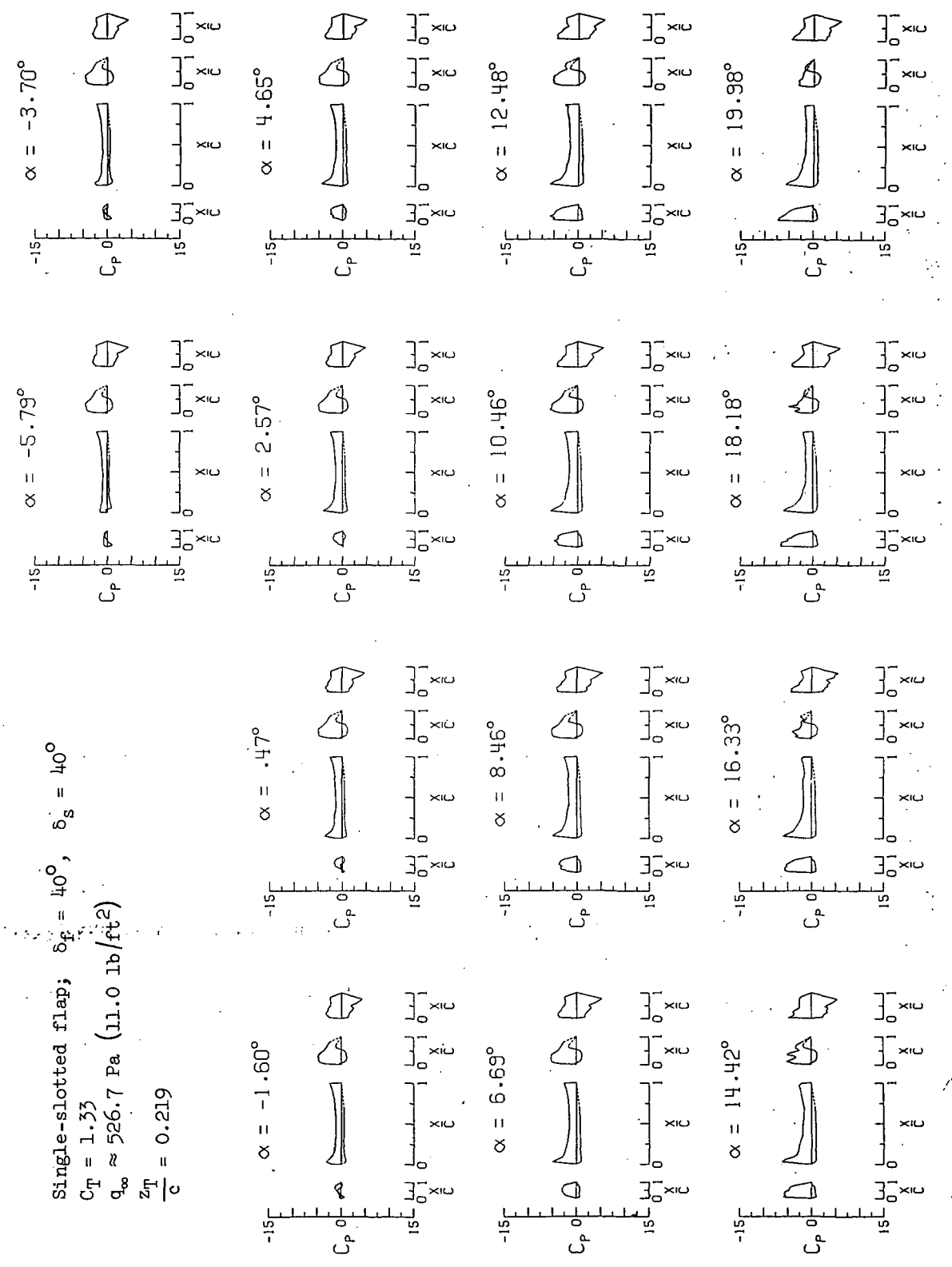
ALPHA = 19.97 DEGREES DYNAMIC PRESSURE = 10.859 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-6.53	0.000	-1.57	.025	-1.95	.025	-3.19
.150	-6.15	.029	-5.23	.050	-2.62	.050	-2.97
.200	-6.33	.057	-4.93	.075	-3.08	.100	-2.94
.300	-6.39	.086	-3.79	.100	-3.03	.150	-2.89
.400	-5.62	.114	-3.11	.149	-2.78	.200	-2.79
.500	-5.22	.172	-2.57	.200	-2.22	.250	-2.34
.600	-4.84	.229	-2.30	.250	-2.49	.300	-2.26
.700	-4.27	.286	-1.95	.300	-2.11	.400	-1.95
.800	-3.62	.343	-1.59	.350	-1.86	.500	-1.53
		.400	-1.63	.400	-2.19	.600	-1.56
		.458	-1.58	.500	-1.60	.703	-1.59
		.571	-1.48	.600	-1.52	.826	-1.82
		.686	-1.49	.700	-1.48		
		.801	-1.32	.800	-1.25		
		.915	-1.62				
		.967	-1.59				
		.994	-1.47				
			LOWER	SURFACE			
.075	.87	.029	.70	.025	-.06	.025	1.91
.150	.99	.057	.86	.050	.19	.050	2.11
.200	.98	.086	1.00	.075	.50	.100	2.11
.300	.95	.114	1.01	.100	.78	.150	2.28
.400	.90	.172	.97	.150	1.05	.200	2.38
.500	.83	.229	.96	.200	1.14	.250	2.44
.600	.75	.286	.96	.250	1.26	.300	2.49
.700	.58	.343	.87	.300	1.20	.400	2.75
.861	.00	.400	.89	.350	1.24	.500	2.29
		.458	.85	.400	1.18	.600	3.13
		.571	.83	.500	.59	.703	3.65
		.686	.79	.600	-.99	.756	3.87
				.700	-.76		

ALPHA = 18.15 DEGREES DYNAMIC PRESSURE = 10.920 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-6.31	0.000	-1.06	.025	-1.88	.025	-2.95
.150	-6.15	.029	-5.33	.050	-2.56	.050	-2.75
.200	-5.38	.057	-4.64	.075	-3.11	.100	-2.97
.300	-5.09	.086	-3.14	.100	-2.91	.150	-2.89
.400	-5.28	.114	-2.74	.149	-2.54	.200	-2.71
.500	-4.92	.172	-2.30	.200	-2.19	.250	-2.47
.600	-4.11	.229	-2.48	.250	-3.05	.300	-2.25
.700	-3.47	.286	-2.27	.300	-2.38	.400	-1.91
.800	-3.27	.343	-1.46	.350	-2.30	.500	-1.42
		.400	-1.43	.400	-2.71	.600	-1.44
		.458	-1.15	.500	-1.90	.703	-1.47
		.571	-1.17	.600	-1.37	.826	-1.70
		.686	-1.42	.700	-1.33		
		.801	-1.40	.800	-1.25		
		.915	-1.38				
		.967	-1.36				
		.994	-1.73				
			LOWER	SURFACE			
.075	.98	.029	.75	.025	-.08	.025	1.85
.150	1.01	.057	.94	.050	.16	.050	2.07
.200	.97	.086	.97	.075	.52	.100	2.22
.300	.91	.114	1.02	.100	.75	.150	2.06
.400	.89	.172	.98	.150	1.02	.200	2.33
.500	.81	.229	.93	.200	1.18	.250	2.34
.600	.71	.286	.96	.250	1.15	.300	2.50
.700	.59	.343	.89	.300	1.18	.400	2.52
.861	.04	.400	.90	.350	1.18	.500	2.24
		.458	.84	.400	1.10	.600	3.04
		.571	.79	.500	.70	.703	3.54
		.686	.79	.600	-.89	.756	3.82
				.700	-.76		

APPENDIX D


Single-slotted flap; $\delta_f = 40^\circ$, $\delta_s = 40^\circ$
$C_T = 1.33$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.219$
α = -5.79°
α = -3.70°
α = -1.60°
α = .47°
α = 2.57°
α = 4.65°
α = 6.69°
α = 8.46°
α = 10.46°
α = 12.48°
α = 14.42°
α = 16.33°
α = 18.18°
α = 19.98°
C_P
x/c

ALPHA = -5.79 DEGREES DYNAMIC PRESSURE = 10.979 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.00	0.000	-1.43	.025	-2.85	.025	-2.58
.150	.79	.029	-1.53	.050	-3.50	.050	-2.39
.200	.63	.057	-1.53	.075	-4.13	.100	-2.78
.300	.04	.086	-1.38	.100	-4.24	.150	-2.93
.400	-.04	.114	-1.14	.149	-4.32	.200	-3.06
.500	-.24	.172	-1.08	.200	-4.33	.250	-2.91
.600	-.63	.229	-1.07	.250	-4.47	.300	-2.76
.700	-.53	.286	-1.02	.300	-4.56	.400	-2.69
.800	-.70	.343	-.99	.350	-4.45	.500	-2.21
		.400	-.94	.400	-4.08	.600	-2.16
		.458	-.84	.500	-3.45	.703	-2.23
		.571	-1.01	.600	-2.96	.826	-2.32
		.686	-1.10	.700	-2.65		
		.801	-1.25	.800	-2.30		
		.915	-1.70				
		.967	-2.02				
		.994	-2.25				
			LOWER	SURFACE			
.075	-.73	.029	-.37	.025	-.57	.025	1.19
.150	-.77	.057	.91	.050	-.10	.050	1.24
.200	-.76	.086	.79	.075	.31	.100	1.28
.300	-.78	.114	.66	.100	.63	.150	1.43
.400	-.80	.172	.44	.150	.91	.200	1.53
.500	-.80	.229	.35	.200	1.08	.250	1.75
.600	-.70	.286	.40	.250	1.06	.300	1.82
.700	-.62	.343	.30	.300	1.05	.400	2.25
.861	-.34	.400	.36	.350	1.02	.500	1.91
		.458	.35	.400	.95	.600	3.04
		.571	.37	.500	.58	.703	3.86
		.686	.49	.600	-.99	.756	4.37
				.700	-1.04		

ALPHA = -3.70 DEGREES DYNAMIC PRESSURE = 10.961 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.93	0.000	-2.26	.025	-2.93	.025	-2.65
.150	.74	.029	-2.67	.050	-3.57	.050	-2.53
.200	.48	.057	-1.90	.075	-4.26	.100	-2.88
.300	-.16	.086	-1.69	.100	-4.26	.150	-2.85
.400	-.38	.114	-1.38	.149	-4.55	.200	-3.11
.500	-.73	.172	-1.20	.200	-4.47	.250	-2.98
.600	-.92	.229	-1.21	.250	-4.52	.300	-2.78
.700	-.92	.286	-1.26	.300	-4.72	.400	-2.68
.800	-.73	.343	-1.11	.350	-4.64	.500	-2.25
		.400	-.99	.400	-4.31	.600	-2.18
		.458	-1.04	.500	-3.49	.703	-2.29
		.571	-1.07	.600	-3.02	.826	-2.37
		.686	-1.24	.700	-2.72		
		.801	-1.38	.800	-2.36		
		.915	-1.79				
		.967	-2.03				
		.994	-2.28				
			LOWER	SURFACE			
.075	-.56	.029	.94	.025	-.53	.025	1.17
.150	-.48	.057	.97	.050	-.10	.050	1.30
.200	-.69	.086	.73	.075	.31	.100	1.30
.300	-.57	.114	.62	.100	.67	.150	1.49
.400	-.71	.172	.48	.150	.95	.200	1.55
.500	-.66	.229	.41	.200	1.09	.250	1.77
.600	-.59	.286	.35	.250	1.05	.300	1.87
.700	-.22	.343	.42	.300	1.08	.400	2.33
.861	-.01	.400	.43	.350	1.05	.500	1.99
		.458	.43	.400	.96	.600	2.90
		.571	.46	.500	.59	.703	3.85
		.686	.47	.600	-1.11	.756	4.38
				.700	-1.14		

ALPHA = -1.69 DEGREES DYNAMIC PRESSURE = 10.957 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.80	0.000	-2.00	.025	-3.07	.025	-2.54
.150	.41	.029	-3.02	.050	-3.81	.050	-2.54
.200	.08	.057	-2.59	.075	-4.39	.100	-2.92
.300	-.58	.086	-2.05	.100	-4.49	.150	-3.16
.400	-.61	.114	-1.69	.149	-4.74	.200	-3.25
.500	-.96	.172	-1.36	.200	-4.66	.250	-3.05
.600	-1.13	.229	-1.34	.250	-4.72	.300	-2.83
.700	-1.34	.286	-1.35	.300	-4.79	.400	-2.75
.800	-1.20	.343	-1.18	.350	-4.66	.500	-2.30
		.400	-1.19	.400	-4.42	.600	-2.26
		.458	-1.15	.500	-3.64	.703	-2.28
		.571	-1.16	.600	-3.15	.826	-2.33
		.686	-1.31	.700	-2.84		
		.801	-1.45	.800	-2.41		
		.915	-1.88				
		.967	-2.20				
		.994	-2.42				
			LOWER	SURFACE			
.075	-.39	.029	.99	.025	-.51	.025	1.14
.150	-.31	.057	.96	.050	-.05	.050	1.35
.200	-.26	.086	.80	.075	.39	.100	1.42
.300	-.20	.114	.72	.100	.65	.150	1.54
.400	-.61	.172	.56	.150	.95	.200	1.61
.500	-.62	.229	.49	.200	1.09	.250	1.87
.600	-.50	.286	.42	.250	1.09	.300	2.08
.700	.09	.343	.50	.300	1.10	.400	2.52
.861	.19	.400	.48	.350	1.00	.500	1.95
		.458	.48	.400	1.00	.600	3.08
		.571	.50	.500	.63	.703	4.01
		.686	.52	.600	-1.08	.756	4.28
				.700	-1.13		

ALPHA = .48 DEGREES DYNAMIC PRESSURE = 10.954 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.50	0.000	-1.46	.025	-3.09	.025	-3.11
.150	.03	.029	-3.59	.050	-3.72	.050	-2.76
.200	-.21	.057	-2.88	.075	-4.48	.100	-3.09
.300	-.72	.086	-2.22	.100	-4.80	.150	-3.25
.400	-1.46	.114	-2.00	.149	-4.81	.200	-3.39
.500	-1.44	.172	-1.56	.200	-4.83	.250	-3.16
.600	-1.67	.229	-1.61	.250	-4.87	.300	-2.90
.700	-1.49	.286	-1.53	.300	-4.89	.400	-2.86
.800	-1.32	.343	-1.29	.350	-4.85	.500	-2.35
		.400	-1.21	.400	-4.42	.600	-2.29
		.458	-1.23	.500	-3.72	.703	-2.36
		.571	-1.32	.600	-3.18	.826	-2.38
		.686	-1.42	.700	-2.89		
		.801	-1.60	.800	-2.44		
		.915	-1.94				
		.967	-2.29				
		.994	-2.51				
			LOWER	SURFACE			
.075	-.15	.029	.98	.025	-.48	.025	1.26
.150	-.02	.057	.91	.050	.01	.050	1.44
.200	-.08	.086	.81	.075	.37	.100	1.42
.300	-.26	.114	.72	.100	.66	.150	1.56
.400	-.18	.172	.60	.150	.96	.200	1.81
.500	-.41	.229	.54	.200	1.04	.250	2.07
.600	.19	.286	.52	.250	1.09	.300	2.13
.700	.46	.343	.54	.300	1.13	.400	2.41
.861	.48	.400	.51	.350	1.05	.500	2.07
		.458	.54	.400	1.03	.600	3.28
		.571	.52	.500	.69	.703	4.29
		.686	.53	.600	-1.18	.756	4.58
				.700	-1.27		

ALPHA = 2.58 DEGREES DYNAMIC PRESSURE = 10.931 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.09	C.000	-.51	.025	-3.21	.025	-3.07
.150	-.59	.029	-4.03	.050	-3.96	.050	-2.74
.200	-.95	.057	-3.03	.075	-4.65	.100	-3.38
.300	-1.30	.086	-2.51	.100	-4.81	.150	-3.29
.400	-1.67	.114	-2.20	.149	-4.99	.200	-3.46
.500	-2.01	.172	-1.74	.200	-4.88	.250	-3.20
.600	-1.97	.229	-1.77	.250	-4.97	.300	-3.00
.700	-1.77	.286	-1.63	.300	-5.02	.400	-2.91
.800	-1.74	.343	-1.50	.350	-4.93	.500	-2.35
		.400	-1.40	.400	-4.55	.600	-2.29
		.458	-1.33	.500	-3.71	.703	-2.36
		.571	-1.34	.600	-3.19	.826	-2.47
		.686	-1.54	.700	-2.90		
		.801	-1.64	.800	-2.49		
		.915	-2.02				
		.967	-2.35				
		.994	-2.58				
			LOWER	SURFACE			
.075	.13	.029	1.01	.025	-.44	.025	1.36
.150	.11	.057	.95	.050	-.01	.050	1.42
.200	.04	.086	.85	.075	.36	.100	1.41
.300	.14	.114	.80	.100	.66	.150	1.72
.400	.09	.172	.67	.150	.95	.200	1.77
.500	.31	.229	.60	.200	1.07	.250	2.05
.600	.57	.286	.60	.250	1.13	.300	2.11
.700	.65	.343	.59	.300	1.12	.400	2.60
.861	.22	.400	.56	.350	1.05	.500	2.31
		.458	.59	.400	1.02	.600	3.32
		.571	.57	.500	.64	.703	4.15
		.686	.57	.600	-1.23	.756	4.85
				.700	-1.33		

ALPHA = 4.65 DEGREES DYNAMIC PRESSURE = 10.948 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.53	0.000	-.56	.025	-3.29	.025	-3.54
.150	-1.19	.029	-4.51	.050	-4.12	.050	-3.46
.200	-2.01	.057	-3.70	.075	-4.83	.100	-3.84
.300	-1.89	.086	-2.75	.100	-4.98	.150	-3.80
.400	-2.45	.114	-2.32	.149	-5.02	.200	-3.75
.500	-2.29	.172	-2.31	.200	-5.04	.250	-3.40
.600	-2.38	.229	-1.87	.250	-5.10	.300	-3.18
.700	-2.42	.286	-1.76	.300	-5.06	.400	-3.02
.800	-2.08	.343	-1.58	.350	-5.06	.500	-2.47
		.400	-1.49	.400	-4.66	.600	-2.39
		.458	-1.48	.500	-3.88	.703	-2.37
		.571	-1.46	.600	-3.32	.826	-2.43
		.686	-1.56	.700	-3.03		
		.801	-1.69	.800	-2.56		
		.915	-2.13				
		.967	-2.46				
		.994	-2.68				
			LOWER	SURFACE			
.075	.30	.029	.97	.025	-.49	.025	1.40
.150	.53	.057	.96	.050	-.01	.050	1.61
.200	.56	.086	.87	.075	.37	.100	1.70
.300	.63	.114	.85	.100	.64	.150	1.80
.400	.53	.172	.78	.150	.90	.200	1.74
.500	.69	.229	.71	.200	1.05	.250	2.44
.600	.69	.286	.64	.250	1.08	.300	2.43
.700	.63	.343	.64	.300	1.11	.400	2.78
.861	.22	.400	.61	.350	1.09	.500	2.25
		.458	.64	.400	1.05	.600	3.78
		.571	.61	.500	.62	.703	4.41
		.686	.59	.600	-1.34	.756	4.95
				.700	-1.39		

ALPHA = 6.70 DEGREES DYNAMIC PRESSURE = 10.947 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.07	0.000	-.74	.025	-3.41	.025	-3.76
.150	-1.88	.029	-5.02	.050	-4.21	.050	-3.48
.200	-2.34	.057	-3.96	.075	-4.89	.100	-3.89
.300	-2.59	.086	-2.91	.100	-5.12	.150	-3.92
.400	-2.97	.114	-2.63	.149	-5.22	.200	-3.80
.500	-2.90	.172	-2.23	.200	-5.26	.250	-3.57
.600	-2.91	.229	-2.09	.250	-5.17	.300	-3.19
.700	-2.73	.286	-1.88	.300	-5.18	.400	-2.96
.800	-2.66	.343	-1.73	.350	-5.14	.500	-2.47
		.400	-1.61	.400	-4.72	.600	-2.34
		.458	-1.52	.500	-3.82	.703	-2.40
		.571	-1.54	.600	-3.34	.826	-2.47
		.686	-1.59	.700	-2.97		
		.801	-1.76	.800	-2.61		
		.915	-2.10				
		.967	-2.48				
		.994	-2.63				
			LOWER	SURFACE			
.075	.72	.029	1.02	.025	-.49	.025	1.59
.150	.70	.057	1.03	.050	.04	.050	1.81
.200	.66	.086	.96	.075	.36	.100	1.68
.300	.65	.114	.90	.100	.62	.150	1.81
.400	.69	.172	.83	.150	.94	.200	2.04
.500	.74	.229	.75	.200	1.05	.250	2.30
.600	.70	.286	.73	.250	1.08	.300	2.54
.700	.61	.343	.74	.300	1.11	.400	3.09
.861	.17	.400	.72	.350	1.07	.500	2.57
		.458	.69	.400	1.09	.600	3.90
		.571	.68	.500	.68	.703	4.80
		.686	.61	.600	-1.64	.756	5.21
				.700	-1.49		

ALPHA = 8.46 DEGREES DYNAMIC PRESSURE = 10.914 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.12	0.000	-.82	.025	-3.46	.025	-3.75
.150	-2.35	.029	-5.11	.050	-4.19	.050	-4.13
.200	-3.37	.057	-4.37	.075	-4.92	.100	-3.98
.300	-3.43	.086	-3.31	.100	-5.08	.150	-4.19
.400	-3.16	.114	-2.99	.149	-5.12	.200	-4.19
.500	-3.77	.172	-2.46	.200	-5.22	.250	-3.71
.600	-3.61	.229	-2.18	.250	-5.21	.300	-3.27
.700	-3.38	.286	-2.05	.300	-5.27	.400	-3.10
.800	-2.80	.343	-1.90	.350	-5.19	.500	-2.51
		.400	-1.67	.400	-4.80	.600	-2.38
		.458	-1.66	.500	-3.91	.703	-2.50
		.571	-1.70	.600	-3.36	.826	-2.51
		.686	-1.71	.700	-2.99		
		.801	-1.81	.800	-2.58		
		.915	-2.21				
		.967	-2.55				
		.994	-2.76				
			LOWER	SURFACE			
.075	.85	.029	.99	.025	-.49	.025	1.57
.150	.73	.057	1.03	.050	-.08	.050	1.90
.200	.79	.086	.93	.075	.35	.100	2.10
.300	.75	.114	.92	.100	.66	.150	2.13
.400	.77	.172	.84	.150	.90	.200	2.05
.500	.73	.229	.84	.200	1.05	.250	2.45
.600	.69	.286	.78	.250	1.11	.300	2.80
.700	.61	.343	.72	.300	1.15	.400	3.00
.861	.03	.400	.75	.350	1.14	.500	2.90
		.458	.74	.400	1.10	.600	3.90
		.571	.64	.500	.71	.703	4.60
		.686	.64	.600	-1.78	.756	5.40
				.700	-1.53		

ALPHA = 10.46 DEGREES DYNAMIC PRESSURE = 10.880 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.84	0.000	-1.12	.025	-3.54	.025	-4.50
.150	-4.11	.029	-5.61	.050	-4.28	.050	-3.99
.200	-4.14	.057	-4.71	.075	-4.92	.100	-4.30
.300	-4.16	.086	-3.71	.100	-5.05	.150	-4.29
.400	-4.95	.114	-3.20	.149	-5.81	.200	-4.18
.500	-4.05	.172	-2.54	.200	-5.33	.250	-3.86
.600	-4.02	.229	-2.45	.250	-5.34	.300	-3.39
.700	-4.05	.286	-2.22	.300	-5.36	.400	-3.16
.890	-3.41	.343	-1.94	.350	-5.16	.500	-2.48
		.400	-1.82	.400	-4.80	.600	-2.44
		.458	-1.78	.500	-3.90	.703	-2.46
		.571	-1.70	.600	-3.30	.826	-2.55
		.686	-1.78	.700	-3.05		
		.801	-1.92	.800	-2.69		
		.915	-2.28				
		.967	-2.52				
		.994	-2.80				
			LOWER	SURFACE			
.075	1.00	.029	.95	.025	-.54	.025	1.74
.150	.80	.057	.96	.050	.02	.050	1.90
.200	.85	.086	.99	.075	.35	.100	1.96
.300	.82	.114	.93	.100	.65	.150	2.20
.400	.80	.172	.85	.150	.92	.200	2.37
.500	.73	.229	.82	.200	1.07	.250	2.58
.600	.72	.286	.79	.250	1.39	.300	2.87
.700	.57	.343	.86	.300	1.21	.400	3.30
.861	.06	.400	.78	.350	1.10	.500	2.82
		.458	.72	.400	1.10	.600	3.97
		.571	.74	.500	.71	.703	4.89
		.686	.67	.600	-1.81	.756	5.40
				.700	-1.69		

ALPHA = 12.48 DEGREES DYNAMIC PRESSURE = 10.894 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-5.13	0.000	-1.38	.025	-3.60	.025	-4.64
.150	-5.09	.029	-5.87	.050	-4.25	.050	-4.37
.200	-4.90	.057	-5.10	.075	-4.93	.100	-4.25
.300	-5.84	.086	-3.70	.100	-5.27	.150	-4.50
.400	-4.92	.114	-3.37	.149	-5.13	.200	-4.30
.500	-4.79	.172	-2.63	.200	-5.36	.250	-3.96
.600	-4.51	.229	-2.48	.250	-5.26	.300	-3.47
.700	-4.00	.286	-2.28	.300	-5.16	.400	-3.18
.800	-3.47	.343	-2.06	.350	-5.25	.500	-2.03
		.400	-1.92	.400	-4.64	.600	-2.39
		.458	-1.81	.500	-3.86	.703	-2.52
		.571	-1.78	.600	-2.45	.826	-2.56
		.686	-1.88	.700	-2.93		
		.801	-1.96	.800	-2.66		
		.915	-2.29				
		.967	-2.20				
		.994	-2.79				
			LOWER	SURFACE			
.075	1.00	.029	.90	.025	-.57	.025	1.97
.150	.88	.057	.99	.050	-.01	.050	2.19
.200	.90	.086	.97	.075	.34	.100	2.23
.300	.85	.114	.97	.100	.62	.150	2.27
.400	.79	.172	.90	.150	.92	.200	2.54
.500	.76	.229	.90	.200	1.14	.250	2.89
.600	.75	.286	.83	.250	1.16	.300	2.97
.700	.60	.343	.85	.300	1.26	.400	3.55
.861	.02	.400	.82	.350	1.13	.500	3.09
		.458	.75	.400	1.13	.600	4.04
		.571	.74	.500	.69	.703	5.01
		.686	.72	.600	-1.89	.756	5.44
				.700	-1.71		

ALPHA = 14.42 DEGREES DYNAMIC PRESSURE = 10.882 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-5.91	0.000	-1.26	.025	-3.36	.025	-4.92
.150	-5.40	.029	-6.26	.050	-4.29	.050	-4.35
.200	-5.64	.057	-5.46	.075	-4.29	.100	-3.98
.300	-5.59	.086	-3.84	.100	-5.20	.150	-3.57
.400	-5.56	.114	-3.08	.149	-4.48	.200	-3.78
.500	-4.71	.172	-2.64	.200	-3.77	.250	-3.88
.600	-4.61	.229	-2.65	.250	-3.17	.300	-3.51
.700	-4.52	.286	-2.32	.300	-3.57	.400	-2.48
.800	-3.48	.343	-1.95	.350	-5.10	.500	-2.55
		.400	-1.87	.400	-4.67	.600	-2.43
		.458	-1.88	.500	-2.46	.703	-2.52
		.571	-1.65	.600	-3.36	.826	-2.31
		.686	-1.52	.700	-3.00		
		.801	-1.96	.800	-1.95		
		.915	-2.32				
		.967	-2.62				
		.994	-2.05				
			LOWER	SURFACE			
.075	1.02	.029	.82	.025	-.39	.025	1.96
.150	.95	.057	1.03	.050	-.02	.050	2.21
.200	.93	.086	.98	.075	.37	.100	2.48
.300	.83	.114	.96	.100	.66	.150	2.51
.400	.80	.172	.90	.150	1.01	.200	2.93
.500	.82	.229	.91	.200	1.09	.250	3.38
.600	.70	.286	.91	.250	1.19	.300	3.04
.700	.61	.343	.87	.300	1.21	.400	3.42
.861	-.02	.400	.91	.350	1.18	.500	3.09
		.458	.88	.400	1.24	.600	4.19
		.571	.82	.500	.75	.703	5.16
		.686	.76	.600	-1.53	.756	5.41
				.700	-1.73		

ALPHA = 16.34 DEGREES DYNAMIC PRESSURE = 10.829 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-4.80	0.000	-1.62	.025	-2.66	.025	-4.41
.150	-5.58	.029	-5.95	.050	-3.02	.050	-4.18
.200	-5.46	.057	-4.95	.075	-3.50	.100	-4.14
.300	-5.62	.086	-3.81	.100	-2.88	.150	-4.23
.400	-5.16	.114	-3.54	.149	-3.28	.200	-3.87
.500	-5.30	.172	-2.85	.200	-3.58	.250	-3.27
.600	-4.77	.229	-2.25	.250	-4.13	.300	-2.67
.700	-4.12	.286	-1.97	.300	-3.34	.400	-2.46
.800	-3.46	.343	-1.69	.350	-2.68	.500	-1.93
		.400	-1.66	.400	-2.35	.600	-1.78
		.458	-1.62	.500	-2.10	.703	-2.00
		.571	-1.66	.600	-2.18	.826	-2.32
		.686	-1.76	.700	-1.66		
		.801	-1.52	.800	-2.32		
		.915	-1.76				
		.967	-2.13				
		.994	-1.95				
			LOWER	SURFACE			
.075	.96	.029	.85	.025	-.33	.025	2.05
.150	.93	.057	.94	.050	.05	.050	2.45
.200	.89	.086	.95	.075	.41	.100	2.35
.300	.88	.114	.98	.100	.69	.150	2.75
.400	.85	.172	.96	.150	.96	.200	2.83
.500	.75	.229	.92	.200	1.11	.250	3.39
.600	.75	.286	.87	.250	1.16	.300	3.21
.700	.59	.343	.87	.300	1.19	.400	3.78
.861	.00	.400	.88	.350	1.29	.500	3.04
		.458	.79	.400	1.08	.600	4.58
		.571	.81	.500	.70	.703	4.80
		.686	.76	.600	-1.77	.756	5.45
				.700	-1.21		

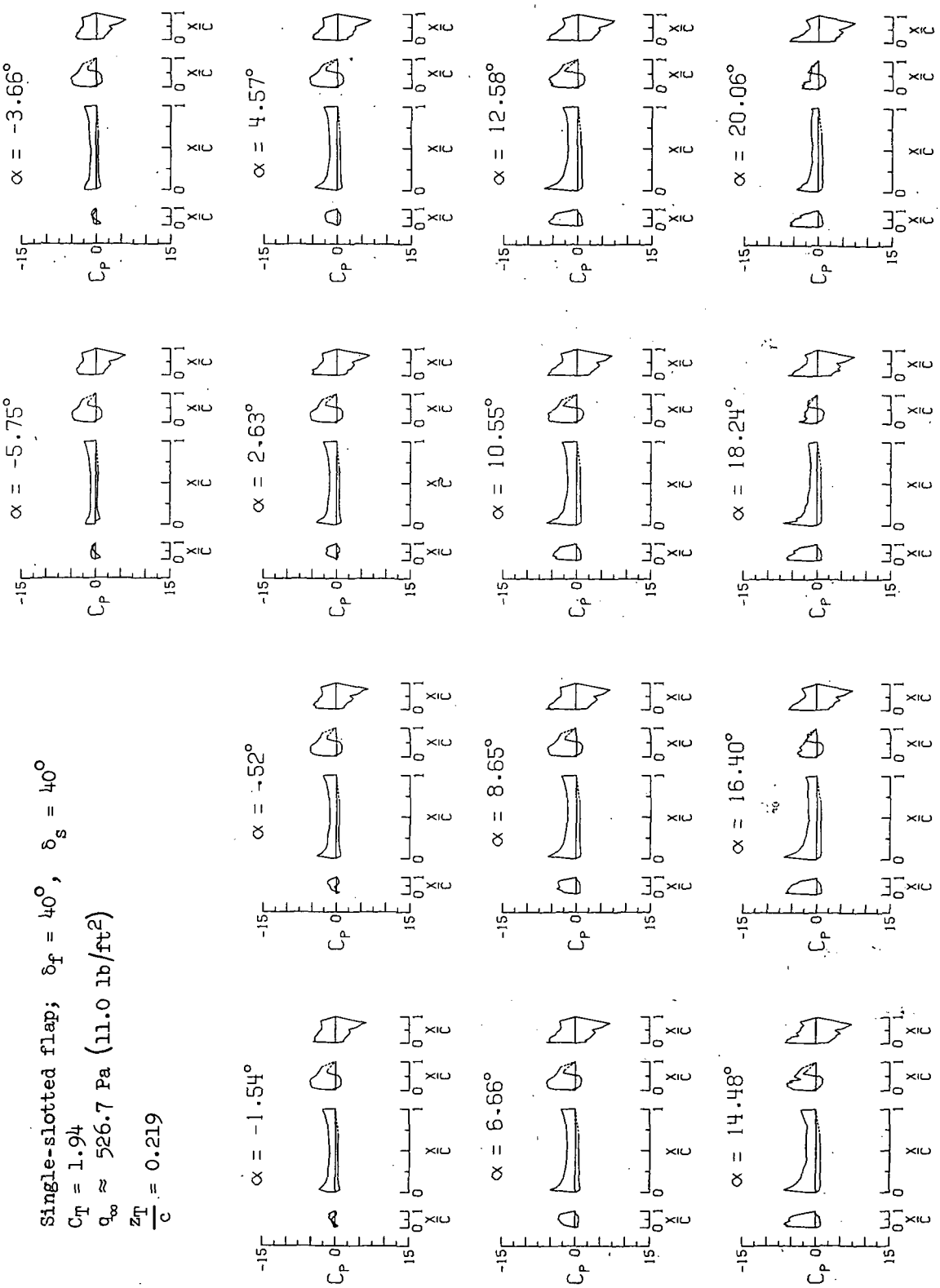
ALPHA = 18.19 DEGREES DYNAMIC PRESSURE = 10.854 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-6.69	0.000	-1.69	.025	-2.69	.025	-4.47
.150	-6.80	.029	-6.10	.050	-3.25	.050	-4.01
.200	-6.50	.057	-5.31	.075	-3.77	.100	-4.43
.300	-6.65	.086	-4.10	.100	-3.46	.150	-4.36
.400	-5.18	.114	-3.62	.149	-2.71	.200	-3.83
.500	-5.32	.172	-2.62	.200	-3.05	.250	-3.51
.600	-4.40	.229	-2.22	.250	-5.09	.300	-3.09
.700	-3.94	.286	-2.02	.300	-3.27	.400	-2.56
.800	-3.21	.343	-1.61	.350	-3.10	.500	-1.91
		.400	-1.42	.400	-3.07	.600	-1.89
		.458	-1.51	.500	-2.28	.703	-2.03
		.571	-1.34	.600	-1.96	.826	-2.33
		.686	-1.58	.700	-1.80		
		.801	-1.44	.800	-1.67		
		.915	-1.82				
		.967	-1.97				
		.994	-2.07				
			LOWER	SURFACE			
.075	.87	.029	.74	.025	-.22	.025	2.28
.150	1.00	.057	.92	.050	.10	.050	2.49
.200	.96	.086	.67	.075	.43	.100	2.61
.300	.91	.114	1.01	.100	.66	.150	2.74
.400	.84	.172	.94	.150	1.01	.200	3.05
.500	.78	.229	.94	.200	1.18	.250	3.32
.600	.77	.286	.90	.250	1.17	.300	3.40
.700	.59	.343	.88	.300	1.22	.400	3.56
.861	-.03	.400	.87	.350	1.16	.500	3.08
		.458	.86	.400	1.29	.600	4.22
		.571	.83	.500	.78	.703	5.30
		.686	.75	.600	-1.74	.756	5.64
				.700	-1.29		

ALPHA = 19.98 DEGREES DYNAMIC PRESSURE = 10.868 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-7.43	0.000	-1.14	.025	-2.24	.025	-4.78
.150	-7.01	.029	-5.80	.050	-3.10	.050	-4.25
.200	-7.13	.057	-5.02	.075	-3.25	.100	-4.36
.300	-6.50	.086	-3.82	.100	-2.99	.150	-4.09
.400	-5.89	.114	-3.21	.149	-3.02	.200	-3.74
.500	-5.47	.172	-2.73	.200	-3.18	.250	-3.27
.600	-4.93	.229	-2.34	.250	-2.92	.300	-2.98
.700	-4.50	.286	-2.25	.300	-2.36	.400	-2.66
.800	-3.61	.343	-2.03	.350	-2.41	.500	-1.99
		.400	-1.72	.400	-2.27	.600	-1.97
		.458	-1.75	.500	-2.19	.703	-2.06
		.571	-1.62	.600	-1.83	.826	-2.26
		.686	-1.62	.700	-1.90		
		.801	-1.57	.800	-1.43		
		.915	-1.80				
		.967	-1.76				
		.994	-1.99				
			LOWER	SURFACE			
.075	.73	.029	.70	.025	-.21	.025	2.52
.150	.93	.057	.92	.050	.17	.050	2.59
.200	.95	.086	.99	.075	.49	.100	2.68
.300	.87	.114	.95	.100	.76	.150	2.69
.400	.87	.172	.99	.150	1.03	.200	3.17
.500	.76	.229	.96	.200	1.13	.250	3.20
.600	.70	.286	.92	.250	1.18	.300	3.14
.700	.52	.343	.94	.300	1.32	.400	3.57
.861	-.21	.400	.86	.350	1.30	.500	3.23
		.458	.85	.400	1.28	.600	4.39
		.571	.83	.500	.71	.703	5.28
		.686	.80	.600	-1.60	.756	5.73
				.700	-1.30		

APPENDIX D


Single-slotted flap; $\delta_f = 40°$, $\delta_s = 40°$
$C_T = 1.94$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.219$
α = -5.75°
α = -3.66°
α = -1.54°
α = -.52°
α = 2.63°
α = 4.57°
α = 6.66°
α = 8.65°
α = 10.55°
α = 12.58°
α = 14.48°
α = 16.40°
α = 18.24°
α = 20.06°
C_P
x/c

ALPHA = -5.76 DEGREES DYNAMIC PRESSURE = 10.939 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.03	0.000	-1.99	.025	-3.06	.025	-3.55
.150	.83	.029	-1.86	.050	-3.78	.050	-3.48
.200	.69	.057	-1.68	.075	-4.51	.100	-3.82
.300	.18	.086	-1.27	.100	-4.49	.150	-3.84
.400	-.10	.114	-1.20	.149	-4.75	.200	-4.01
.500	-.34	.172	-1.03	.200	-4.89	.250	-3.86
.600	-.57	.229	-1.02	.250	-4.88	.300	-3.44
.700	-.56	.286	-1.06	.300	-4.95	.400	-3.26
.800	-.71	.343	-1.06	.350	-4.88	.500	-2.67
		.400	-1.03	.400	-4.64	.600	-2.59
		.458	-.95	.500	-3.78	.703	-2.74
		.571	-1.04	.600	-3.27	.826	-2.90
		.686	-1.20	.700	-3.04		
		.801	-1.41	.800	-2.64		
		.915	-1.86				
		.967	-2.19				
		.994	-2.43				
			LOWER	SURFACE			
.075	-.72	.029	-.04	.025	-.54	.025	1.30
.150	-.72	.057	.96	.050	-.12	.050	1.50
.200	-.86	.086	.79	.075	.31	.100	1.62
.300	-.87	.114	.68	.100	.63	.150	1.82
.400	-.89	.172	.38	.150	.92	.200	1.92
.500	-.92	.229	.31	.200	1.11	.250	2.29
.600	-.78	.286	.29	.250	1.09	.300	2.44
.700	-.66	.343	.35	.300	1.09	.400	2.97
.861	-.29	.400	.35	.350	1.07	.500	2.54
		.458	.37	.400	1.01	.600	4.33
		.571	.42	.500	.59	.703	5.24
		.686	.44	.600	-1.63	.756	6.01
				.700	-1.56		

ALPHA = -3.67 DEGREES DYNAMIC PRESSURE = 10.936 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.96	0.000	-2.28	.025	-3.12	.025	-3.91
.150	.66	.029	-2.27	.050	-3.93	.050	-3.59
.200	.39	.057	-2.11	.075	-4.55	.100	-4.20
.300	-.26	.086	-1.86	.100	-4.70	.150	-4.02
.400	-.56	.114	-1.50	.149	-4.97	.200	-4.04
.500	-.72	.172	-1.35	.200	-4.93	.250	-3.67
.600	-1.00	.229	-1.27	.250	-5.04	.300	-3.45
.700	-.94	.286	-1.31	.300	-5.11	.400	-3.27
.800	-.94	.343	-1.16	.350	-4.96	.500	-2.71
		.400	-1.11	.400	-4.51	.600	-2.63
		.458	-1.07	.500	-3.79	.703	-2.72
		.571	-1.21	.600	-3.37	.826	-2.94
		.686	-1.30	.700	-3.07		
		.801	-1.44	.800	-2.71		
		.915	-1.92				
		.967	-2.24				
		.994	-2.45				
			LOWER	SURFACE			
.075	-.55	.029	.93	.025	-.54	.025	1.32
.150	-.63	.057	.93	.050	-.06	.050	1.50
.200	-.57	.086	.71	.075	.28	.100	1.59
.300	-.60	.114	.63	.100	.68	.150	1.82
.400	-.73	.172	.49	.150	.96	.200	2.01
.500	-.75	.229	.42	.200	1.11	.250	2.30
.600	-.71	.286	.42	.250	1.12	.300	2.50
.730	-.42	.343	.39	.300	1.10	.400	3.10
.861	-.18	.400	.33	.350	1.07	.500	2.54
		.458	.44	.400	1.06	.600	4.37
		.571	.40	.500	.55	.703	5.44
		.686	.49	.600	-1.67	.756	5.96
				.700	-1.68		

ALPHA = -1.55 DEGREES DYNAMIC PRESSURE = 10.936 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.63	0.000	-1.65	.025	-3.28	.025	-4.62
.150	.30	.029	-3.30	.050	-3.97	.050	-4.17
.200	-.31	.057	-2.68	.075	-4.69	.100	-4.19
.300	-.51	.086	-2.20	.100	-4.87	.150	-4.29
.400	-.73	.114	-1.84	.149	-5.07	.200	-4.20
.500	-1.01	.172	-1.52	.200	-5.11	.250	-4.00
.600	-1.32	.229	-1.50	.250	-5.16	.300	-3.70
.700	-1.02	.286	-1.49	.300	-5.21	.400	-3.40
.800	-1.29	.343	-1.29	.350	-5.14	.500	-2.83
		.400	-1.28	.400	-4.87	.600	-2.71
		.458	-1.14	.500	-4.04	.703	-2.80
		.571	-1.26	.600	-3.55	.826	-2.97
		.686	-1.41	.700	-3.19		
		.801	-1.57	.800	-2.83		
		.915	-2.03				
		.967	-2.43				
		.994	-2.63				
			LOWER	SURFACE			
.075	-.32	.029	.99	.025	-.55	.025	1.36
.150	-.24	.057	.90	.050	-.06	.050	1.69
.200	-.36	.086	.77	.075	.31	.100	1.66
.300	-.31	.114	.70	.100	.64	.150	1.93
.400	-.60	.172	.53	.150	.97	.200	2.06
.500	-.62	.229	.50	.200	1.08	.250	2.46
.600	-.36	.286	.52	.250	1.11	.300	2.66
.700	.08	.343	.47	.300	1.11	.400	3.06
.861	.39	.400	.45	.350	1.09	.500	2.72
		.458	.45	.400	1.05	.600	4.44
		.571	.45	.500	.61	.703	5.28
		.686	.53	.600	-1.69	.756	6.30
				.700	-1.60		

ALPHA = .53 DEGREES DYNAMIC PRESSURE = 11.202 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.63	0.000	-.92	.025	-3.37	.025	-3.96
.150	-.21	.029	-3.94	.050	-4.11	.050	-4.15
.200	-.78	.057	-2.87	.075	-4.81	.100	-4.03
.300	-1.17	.086	-2.47	.100	-4.98	.150	-4.66
.400	-1.18	.114	-2.02	.149	-5.29	.200	-4.31
.500	-1.40	.172	-1.74	.200	-5.32	.250	-4.25
.600	-1.75	.229	-1.71	.250	-5.24	.300	-3.68
.700	-1.75	.286	-1.66	.300	-5.39	.400	-3.46
.800	-1.54	.343	-1.41	.350	-5.30	.500	-2.86
		.400	-1.33	.400	-4.93	.600	-2.71
		.458	-1.36	.500	-4.09	.703	-2.87
		.571	-1.40	.600	-3.60	.826	-3.02
		.686	-1.48	.700	-3.16		
		.801	-1.64	.800	-2.85		
		.915	-2.06				
		.967	-2.51				
		.994	-2.71				
			LOWER	SURFACE			
.075	-.06	.029	1.03	.025	-.49	.025	1.44
.150	-.01	.057	.96	.050	-.06	.050	1.74
.200	-.16	.086	.81	.075	.32	.100	1.63
.300	-.05	.114	.75	.100	.64	.150	2.03
.400	-.49	.172	.60	.150	.94	.200	2.13
.500	.15	.229	.57	.200	1.06	.250	2.44
.600	.45	.286	.54	.250	1.11	.300	3.09
.700	.53	.343	.51	.300	1.14	.400	3.51
.861	.42	.400	.57	.350	1.10	.500	2.85
		.458	.55	.400	1.05	.600	4.84
		.571	.53	.500	.66	.703	5.42
		.686	.53	.600	-2.00	.756	6.60
				.700	-1.83		

ALPHA = 2.63 DEGREES DYNAMIC PRESSURE = 10.918 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.13	0.000	-.56	.025	-3.39	.025	-5.14
.150	-.56	.029	-4.07	.050	-4.29	.050	-4.73
.200	-1.22	.057	-3.50	.075	-5.00	.100	-4.88
.300	-1.95	.086	-2.58	.100	-5.19	.150	-4.69
.400	-2.17	.114	-2.28	.149	-5.33	.200	-5.02
.500	-2.04	.172	-1.90	.200	-5.31	.250	-4.27
.600	-1.88	.229	-1.85	.250	-5.47	.300	-3.87
.700	-2.15	.286	-1.76	.300	-5.49	.400	-3.55
.800	-1.74	.343	-1.60	.350	-5.39	.500	-2.94
		.400	-1.45	.400	-5.01	.600	-2.83
		.458	-1.48	.500	-4.14	.703	-2.91
		.571	-1.43	.600	-3.70	.826	-3.00
		.686	-1.55	.700	-3.34		
		.801	-1.77	.800	-2.92		
		.915	-2.22				
		.967	-2.59				
		.994	-2.77				
			LOWER	SURFACE			
.075	.13	.029	.97	.025	-.52	.025	1.49
.150	-.01	.057	.92	.050	-.05	.050	1.74
.200	.35	.086	.82	.075	.33	.100	2.09
.300	.24	.114	.73	.100	.60	.150	2.11
.400	.11	.172	.64	.150	.97	.200	2.22
.500	.61	.229	.58	.200	1.08	.250	2.86
.600	.63	.286	.57	.250	1.10	.300	3.02
.700	.61	.343	.58	.300	1.12	.400	3.54
.861	.19	.400	.58	.350	1.12	.500	2.98
		.458	.59	.400	1.11	.600	4.84
		.571	.58	.500	.66	.703	6.26
		.686	.53	.600	-2.28	.756	6.65
				.700	-2.16		

ALPHA = 4.57 DEGREES DYNAMIC PRESSURE = 10.913 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.60	0.000	-.55	.025	-3.55	.025	-5.02
.150	-1.18	.029	-4.58	.050	-4.38	.050	-4.80
.200	-2.07	.057	-3.82	.075	-5.03	.100	-5.11
.300	-2.37	.086	-2.99	.100	-5.27	.150	-4.89
.400	-2.40	.114	-2.67	.149	-5.56	.200	-4.91
.500	-2.49	.172	-2.10	.200	-5.54	.250	-4.55
.600	-2.59	.229	-1.97	.250	-5.61	.300	-4.06
.700	-2.40	.286	-1.86	.300	-5.56	.400	-3.66
.800	-2.22	.343	-1.69	.350	-5.60	.500	-2.96
		.400	-1.56	.400	-5.19	.600	-2.86
		.458	-1.54	.500	-4.26	.703	-2.91
		.571	-1.56	.600	-3.74	.826	-3.10
		.686	-1.62	.700	-3.42		
		.801	-1.74	.800	-2.90		
		.915	-2.26				
		.967	-2.65				
		.994	-2.84				
			LOWER	SURFACE			
.075	.37	.029	1.01	.025	-.60	.025	1.64
.150	.48	.057	.95	.050	-.06	.050	2.01
.200	.48	.086	.88	.075	.30	.100	1.91
.300	.61	.114	.77	.100	.56	.150	2.37
.400	.66	.172	.75	.150	.96	.200	3.01
.500	.69	.229	.66	.200	1.06	.250	3.38
.600	.62	.286	.67	.250	1.12	.300	3.03
.700	.57	.343	.66	.300	1.15	.400	3.63
.861	.13	.400	.60	.350	1.14	.500	3.45
		.458	.64	.400	1.11	.600	4.93
		.571	.60	.500	.69	.703	6.33
		.686	.62	.600	-2.42	.756	6.66
				.700	-2.27		

ALPHA = 6.67 DEGREES DYNAMIC PRESSURE = 10.967 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.19	0.000	-.75	.025	-3.67	.025	-5.88
.150	-2.25	.029	-5.10	.050	-4.47	.050	-5.02
.200	-2.39	.057	-3.79	.075	-5.25	.100	-5.23
.300	-2.94	.086	-3.14	.100	-5.43	.150	-5.20
.400	-3.08	.114	-2.83	.149	-5.67	.200	-5.10
.500	-3.39	.172	-2.30	.200	-5.66	.250	-4.72
.600	-3.29	.229	-2.20	.250	-5.81	.300	-4.14
.700	-3.24	.286	-2.00	.300	-5.72	.400	-3.75
.800	-3.01	.343	-1.87	.350	-5.68	.500	-2.99
		.400	-1.77	.400	-5.23	.600	-2.87
		.458	-1.70	.500	-4.29	.703	-2.97
		.571	-1.65	.600	-3.75	.826	-3.17
		.686	-1.77	.700	-3.39		
		.801	-1.89	.800	-2.99		
		.915	-2.32				
		.967	-2.68				
		.994	-2.93				
			LOWER	SURFACE			
.075	.67	.029	1.01	.025	-.61	.025	1.81
.150	.69	.057	1.00	.050	-.02	.050	2.27
.200	.45	.086	.95	.075	.31	.100	2.01
.300	.69	.114	.89	.100	.57	.150	2.65
.400	.70	.172	.81	.150	.96	.200	2.92
.500	.74	.229	.77	.200	1.08	.250	3.22
.600	.69	.286	.74	.250	1.17	.300	3.53
.700	.62	.343	.70	.300	1.22	.400	4.07
.861	.10	.400	.69	.350	1.15	.500	3.39
		.458	.66	.400	1.19	.600	5.27
		.571	.61	.500	.82	.703	6.29
		.686	.64	.600	-2.53	.756	7.09
				.700	-2.17		

ALPHA = 8.66 DEGREES DYNAMIC PRESSURE = 10.929 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.30	0.000	-.85	.025	-3.74	.025	-6.08
.150	-2.84	.029	-5.71	.050	-4.47	.050	-5.16
.200	-2.89	.057	-4.73	.075	-5.31	.100	-5.57
.300	-3.99	.086	-3.65	.100	-5.46	.150	-5.49
.400	-3.35	.114	-3.17	.149	-5.56	.200	-5.27
.500	-3.43	.172	-2.57	.200	-5.70	.250	-4.83
.600	-3.62	.229	-2.34	.250	-5.73	.300	-4.30
.700	-3.72	.286	-2.18	.300	-5.83	.400	-3.84
.800	-3.29	.343	-2.00	.350	-5.67	.500	-3.05
		.400	-1.86	.400	-5.33	.600	-2.96
		.458	-1.79	.500	-4.42	.703	-3.02
		.571	-1.79	.600	-3.81	.826	-3.18
		.686	-1.83	.700	-3.52		
		.801	-1.94	.800	-3.07		
		.915	-2.43				
		.967	-2.77				
		.994	-3.04				
			LOWER	SURFACE			
.075	.83	.029	.94	.025	-.62	.025	1.77
.150	.83	.057	1.00	.050	-.12	.050	2.38
.200	.81	.086	.92	.075	.23	.100	2.46
.300	.77	.114	.94	.100	.61	.150	2.88
.400	.79	.172	.83	.150	.93	.200	3.07
.500	.75	.229	.80	.200	1.06	.250	3.37
.600	.71	.286	.80	.250	1.14	.300	3.80
.700	.62	.343	.75	.300	1.16	.400	4.32
.861	.06	.400	.76	.350	1.23	.500	3.55
		.458	.72	.400	1.22	.600	5.46
		.571	.65	.500	.75	.703	6.34
		.686	.65	.600	-2.35	.756	6.94
				.700	-2.21		

ALPHA = 10.56 DEGREES DYNAMIC PRESSURE = 10.848 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.90	0.000	-1.34	.025	-3.86	.025	-6.03
.150	-4.37	.029	-6.05	.050	-4.69	.050	-5.64
.200	-4.00	.057	-4.91	.075	-5.47	.100	-5.70
.300	-4.84	.086	-3.64	.100	-5.74	.150	-5.33
.400	-4.58	.114	-3.41	.149	-5.82	.200	-5.25
.500	-4.39	.172	-2.63	.200	-5.75	.250	-4.98
.600	-3.95	.229	-2.48	.250	-5.72	.300	-4.34
.700	-3.60	.286	-2.32	.300	-5.77	.400	-3.91
.800	-3.37	.343	-2.07	.350	-5.88	.500	-3.02
		.400	-1.88	.400	-5.30	.600	-2.92
		.458	-1.90	.500	-4.46	.703	-3.03
		.571	-1.82	.600	-3.90	.826	-3.29
		.686	-1.93	.700	-3.42		
		.801	-2.02	.800	-3.03		
		.915	-2.45				
		.967	-2.78				
		.994	-3.06				
			LOWER	SURFACE			
.075	.97	.029	.91	.025	-.68	.025	2.30
.150	.87	.057	.97	.050	-.15	.050	2.55
.200	.85	.086	.99	.075	.27	.100	2.65
.300	.81	.114	.95	.100	.54	.150	2.94
.400	.81	.172	.88	.150	.90	.200	3.39
.500	.76	.229	.87	.200	1.08	.250	3.51
.600	.70	.286	.79	.250	1.12	.300	4.03
.700	.52	.343	.79	.300	1.26	.400	4.53
.861	-.02	.400	.77	.350	1.26	.500	3.87
		.458	.77	.400	1.24	.603	5.81
		.571	.73	.500	.73	.703	6.41
		.686	.70	.600	-2.81	.756	7.06
				.700	-2.26		

ALPHA = 12.59 DEGREES DYNAMIC PRESSURE = 10.891 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-4.54	0.300	-1.44	.025	-3.80	.025	-6.43
.150	-5.46	.029	-6.78	.050	-4.69	.050	-5.67
.200	-5.44	.057	-5.21	.075	-5.22	.100	-5.81
.300	-5.88	.086	-4.16	.100	-5.57	.150	-5.74
.400	-5.18	.114	-3.66	.149	-5.10	.200	-5.50
.500	-4.88	.172	-2.91	.200	-5.72	.253	-4.96
.600	-4.82	.229	-2.66	.250	-5.59	.300	-4.43
.700	-4.61	.286	-2.44	.300	-5.88	.400	-3.92
.800	-3.64	.343	-2.19	.350	-5.69	.500	-3.07
		.400	-2.01	.400	-5.30	.600	-2.81
		.458	-2.00	.500	-4.36	.703	-2.80
		.571	-1.89	.600	-3.79	.826	-3.22
		.686	-1.95	.700	-3.30		
		.801	-1.96	.800	-3.00		
		.915	-2.42				
		.967	-2.88				
		.994	-3.10				
			LOWER	SURFACE			
.075	1.02	.029	.82	.025	-.69	.025	2.57
.150	.95	.057	.99	.050	-.15	.050	2.75
.200	.90	.086	1.01	.075	.31	.100	2.96
.300	.88	.114	.96	.100	.54	.150	3.19
.400	.79	.172	.88	.150	.97	.200	3.43
.500	.79	.229	.86	.200	1.12	.250	3.77
.600	.72	.286	.84	.250	1.16	.300	3.98
.700	.57	.343	.85	.300	1.30	.430	4.37
.861	-.09	.400	.82	.350	1.36	.500	4.13
		.458	.79	.400	1.36	.600	5.83
		.571	.75	.500	.85	.703	6.93
		.686	.72	.600	-2.80	.756	7.24
				.700	-2.10		

ALPHA = 14.48 DEGREES DYNAMIC PRESSURE = 10.857 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-6.04	0.000	-1.67	.025	-2.91	.025	-6.31
.150	-5.73	.029	-6.60	.050	-4.72	.050	-5.87
.200	-6.44	.057	-5.31	.075	-4.71	.100	-5.89
.300	-6.11	.086	-4.34	.100	-4.99	.150	-5.74
.400	-5.14	.114	-3.78	.149	-5.65	.200	-5.02
.500	-5.45	.172	-2.99	.200	-5.76	.250	-5.02
.600	-5.25	.229	-2.75	.250	-6.01	.300	-3.47
.700	-4.58	.286	-2.55	.300	-4.75	.400	-3.93
.800	-3.44	.343	-2.04	.350	-5.36	.500	-3.10
		.400	-1.81	.400	-3.03	.600	-2.95
		.458	-1.57	.500	-4.40	.703	-2.42
		.571	-2.00	.600	-3.83	.826	-3.20
		.686	-1.95	.700	-3.44		
		.801	-1.78	.800	-2.74		
		.915	-2.51				
		.967	-2.89				
		.994	-3.09				
			LOWER	SURFACE			
.075	.97	.029	.76	.025	-.69	.025	2.56
.150	.92	.057	.92	.050	-.18	.050	2.71
.200	.89	.086	.97	.075	.26	.100	3.05
.300	.91	.114	.99	.100	.53	.150	3.39
.400	.83	.172	.91	.150	.95	.200	3.83
.500	.77	.229	.90	.200	1.17	.250	4.17
.600	.73	.286	.87	.250	1.23	.300	4.20
.700	.53	.343	.83	.300	1.28	.400	5.06
.861	-.09	.400	.84	.350	1.22	.500	3.90
		.458	.84	.400	1.38	.600	5.65
		.571	.80	.500	.79	.703	6.83
		.686	.72	.600	-2.64	.756	7.31
				.700	-1.87		

ALPHA = 16.41 DEGREES DYNAMIC PRESSURE = 10.886 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-6.34	0.000	-1.41	.025	-2.69	.025	-5.69
.150	-5.68	.029	-6.56	.050	-3.58	.050	-5.22
.200	-6.00	.057	-5.24	.075	-3.35	.100	-5.39
.300	-5.82	.086	-4.10	.100	-3.35	.150	-4.98
.400	-5.44	.114	-3.45	.149	-4.00	.200	-4.81
.500	-5.20	.172	-2.72	.200	-3.71	.250	-4.24
.600	-4.84	.229	-2.44	.250	-3.13	.300	-3.65
.700	-3.86	.286	-2.07	.300	-3.22	.400	-3.14
.800	-3.45	.343	-1.95	.350	-3.48	.500	-2.26
		.400	-1.72	.400	-3.20	.600	-2.13
		.458	-1.53	.500	-2.68	.703	-2.42
		.571	-1.71	.600	-2.18	.826	-3.00
		.686	-1.73	.700	-1.85		
		.801	-1.76	.800	-1.87		
		.915	-1.69				
		.967	-1.99				
		.994	-2.25				
			LOWER	SURFACE			
.075	.98	.029	.76	.025	-.47	.025	2.48
.150	1.01	.057	.96	.050	-.03	.050	2.63
.200	.92	.086	.98	.075	.31	.100	2.74
.300	.92	.114	.95	.100	.65	.150	3.47
.400	.85	.172	.91	.150	.97	.200	3.58
.500	.79	.229	.90	.200	1.09	.250	3.67
.600	.75	.286	.90	.250	1.26	.300	3.94
.700	.54	.343	.89	.300	1.29	.400	4.83
.861	-.07	.400	.87	.350	1.29	.500	3.98
		.458	.81	.400	1.31	.600	5.71
		.571	.80	.500	.83	.703	6.68
		.686	.73	.600	-2.42	.756	7.43
				.700	-1.84		

ALPHA = 18.24 DEGREES DYNAMIC PRESSURE = 10.919 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-6.08	0.000	-1.47	.025	-2.12	.025	-6.02
.150	-5.69	.029	-6.82	.050	-3.07	.050	-5.27
.200	-6.12	.057	-4.02	.075	-3.89	.100	-4.98
.300	-5.84	.086	-4.24	.100	-2.66	.150	-4.90
.400	-4.99	.114	-3.10	.149	-2.54	.200	-4.64
.500	-4.43	.172	-2.50	.200	-2.14	.250	-4.08
.600	-4.71	.229	-2.39	.250	-2.73	.300	-3.55
.700	-3.96	.286	-1.88	.300	-2.54	.400	-3.00
.800	-3.63	.343	-1.98	.350	-2.51	.500	-2.24
		.400	-1.73	.400	-2.65	.600	-2.16
		.458	-1.47	.500	-2.11	.703	-2.11
		.571	-1.52	.600	-1.99	.826	-2.67
		.686	-1.29	.700	-1.95		
		.801	-1.42	.800	-1.83		
		.915	-1.64				
		.967	-1.84				
		.994	-1.79				
			LOWER	SURFACE			
.075	.96	.029	.80	.025	-.48	.025	2.75
.150	.96	.057	.96	.050	.08	.050	2.90
.200	.94	.086	.95	.075	.32	.100	2.96
.300	.96	.114	.97	.100	.64	.150	3.43
.400	.88	.172	.93	.150	1.05	.200	3.86
.500	.79	.229	.89	.200	1.17	.250	4.54
.600	.81	.286	.89	.250	1.17	.300	4.14
.700	.57	.343	.84	.300	1.25	.400	4.61
.861	-.03	.400	.82	.350	1.36	.500	3.87
		.458	.88	.400	1.34	.600	5.72
		.571	.79	.500	.83	.703	6.81
		.686	.82	.600	-2.12	.756	7.55
				.700	-1.68		

ALPHA = 20.06 DEGREES DYNAMIC PRESSURE = 10.919 LBF/SQ.FT.

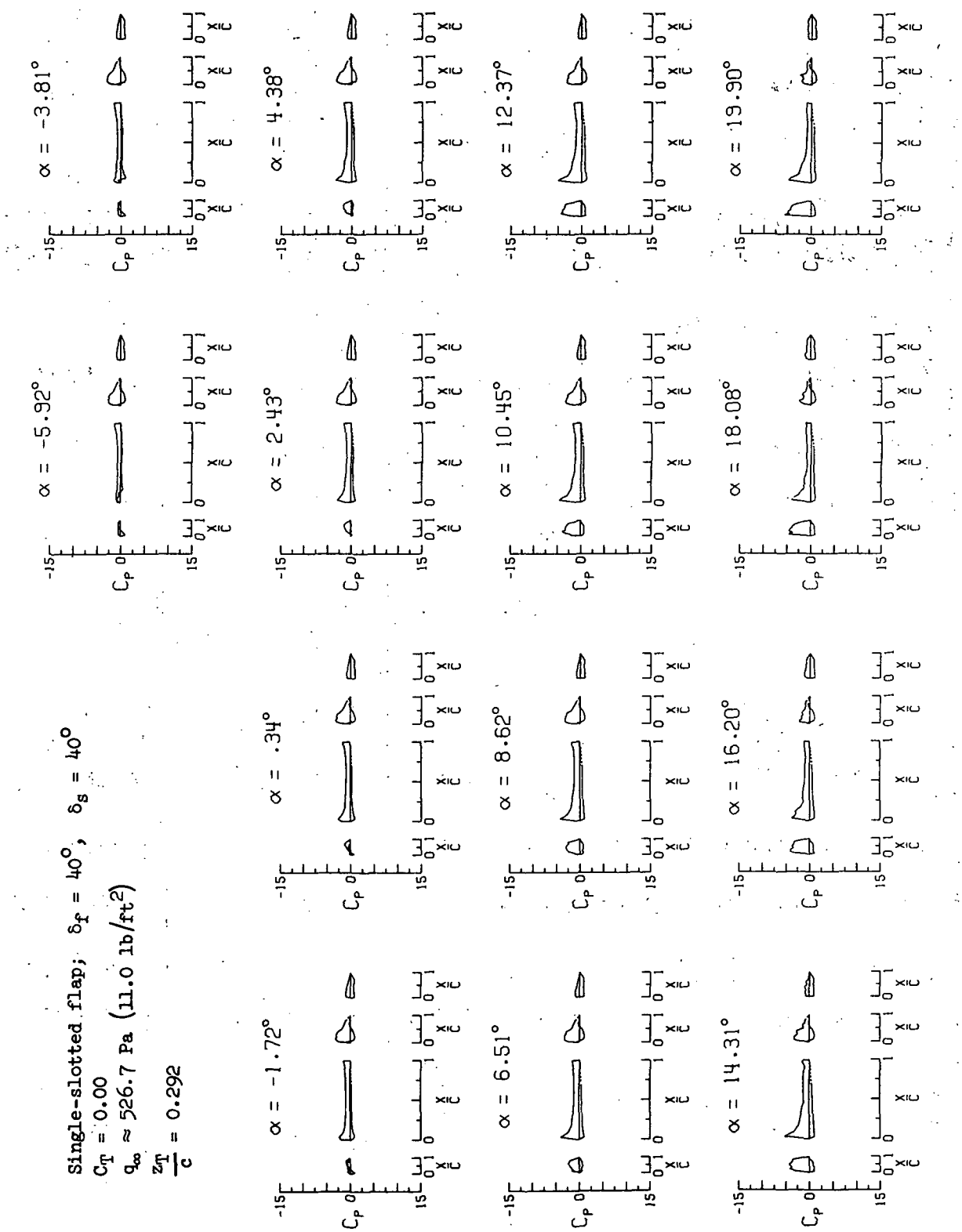
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-5.68	0.000	-1.31	.025	-2.30	.025	-6.06
.150	-5.66	.029	-4.43	.050	-3.59	.050	-5.63
.200	-5.40	.057	-3.54	.075	-3.38	.100	-5.69
.300	-5.63	.086	-3.31	.100	-3.17	.150	-5.12
.400	-5.01	.114	-2.33	.149	-3.52	.200	-4.33
.500	-4.81	.172	-1.94	.200	-2.94	.250	-3.91
.600	-3.57	.229	-1.65	.250	-3.20	.300	-3.24
.700	-3.70	.286	-1.49	.300	-1.80	.400	-2.81
.800	-3.01	.343	-1.23	.350	-1.87	.500	-1.82
		.400	-1.28	.400	-1.77	.600	-1.90
		.458	-1.39	.500	-1.77	.703	-2.21
		.571	-1.12	.600	-1.43	.826	-2.72
		.686	-1.40	.700	-1.55		
		.801	-1.40	.800	-1.52		
		.915	-1.38				
		.967	-1.25				
		.994	-1.57				
			LOWER	SURFACE			
.075	.85	.029	.74	.025	-.17	.025	2.74
.150	.94	.057	.95	.050	.21	.050	3.32
.200	.97	.086	.96	.075	.45	.100	3.13
.300	.92	.114	.96	.100	.76	.150	3.46
.400	.86	.172	.95	.150	1.07	.200	3.50
.500	.82	.229	.92	.200	1.19	.250	4.08
.600	.74	.286	.91	.250	1.27	.300	4.14
.700	.62	.343	.95	.300	1.27	.400	4.77
.861	.11	.400	.92	.350	1.33	.500	4.05
		.458	.85	.400	1.36	.600	5.65
		.571	.85	.500	.80	.703	6.76
		.686	.81	.600	-2.31	.756	7.34
				.700	-1.67		

APPENDIX D

APPENDIX E

PRESSURE DATA FOR $\delta_f = 40^o$, $\delta_s = 40^o$, AND MEDIUM PYLON

The pressure measurements made on the wing with the single-slotted flap and the leading-edge slat deflected $(\delta_f = 40^o$ and $\delta_s = 40^o)$ are presented in this appendix in coefficient form in graphs and tables. The data are for the medium-length pylon and are arranged in order of increasing thrust coefficient.


Single-slotted flap; $\delta_f = 40°$, $\delta_s = 40°$
$C_T = 0.00$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.292$
α = -5.92°
α = -3.81°
α = -1.72°
α = .34°
α = 2.43°
α = 4.38°
α = 6.51°
α = 8.62°
α = 10.45°
α = 12.37°
α = 14.31°
α = 16.20°
α = 18.08°
α = 19.90°
C_p
x/c

ALPHA = -5.93 DEGREES DYNAMIC PRESSURE = 11.005 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.98	0.000	-.61	.025	-1.95	.025	-.76
.150	.90	.029	-.77	.050	-2.21	.050	-.66
.200	.70	.057	-.91	.075	-2.46	.100	-.79
.300	.36	.086	-.85	.100	-2.62	.150	-.74
.400	.05	.114	-.88	.149	-2.52	.200	-.82
.500	-.09	.172	-.69	.200	-2.69	.250	-.77
.600	-.32	.229	-.67	.250	-2.40	.300	-.76
.700	-.41	.286	-.64	.300	-2.59	.400	-.66
.800	-.42	.343	-.59	.350	-2.42	.500	-.59
		.400	-.60	.400	-2.19	.600	-.48
		.458	-.62	.500	-1.56	.703	-.40
		.571	-.67	.600	-1.34	.826	-.32
		.686	-.71	.700	-1.09		
		.801	-.85	.800	-.78		
		.915	-1.08				
		.967	-1.27				
		.994	-1.35				
			LOWER	SURFACE			
.075	-.39	.029	-.80	.025	-.67	.025	.88
.150	-.40	.057	-.62	.050	-.13	.050	.89
.200	-.45	.086	-.25	.075	.28	.100	.87
.300	-.43	.114	-.46	.100	.64	.150	.87
.400	-.44	.172	.54	.150	.86	.200	.87
.500	-.43	.229	.31	.200	.88	.250	.83
.600	-.46	.286	.29	.250	.88	.300	.79
.700	-.41	.343	.27	.300	.78	.400	.79
.861	-.45	.400	.19	.350	.75	.500	.63
		.458	.19	.400	.68	.600	.77
		.571	.16	.500	.36	.703	.79
		.686	.22	.600	-.16	.756	.67
				.700	-.23		

ALPHA = -3.81 DEGREES DYNAMIC PRESSURE = 10.921 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.02	0.000	-.77	.025	-2.12	.025	-.82
.150	.77	.029	-1.55	.050	-2.41	.050	-.75
.200	.59	.057	-1.19	.075	-2.69	.100	-.81
.300	.17	.086	-1.04	.100	-2.80	.150	-.86
.400	-.13	.114	-1.11	.149	-2.95	.200	-.86
.500	-.36	.172	-.85	.200	-2.78	.250	-.78
.600	-.51	.229	-.88	.250	-2.73	.300	-.75
.700	-.61	.286	-.79	.300	-2.73	.400	-.66
.800	-.59	.343	-.76	.350	-2.55	.500	-.61
		.400	-.75	.400	-2.35	.600	-.52
		.458	-.70	.500	-1.70	.703	-.36
		.571	-.73	.600	-1.37	.826	-.24
		.686	-.79	.700	-1.16		
		.801	-.87	.800	-.84		
		.915	-1.13				
		.967	-1.27				
		.994	-1.42				
			LOWER	SURFACE			
.075	-.36	.029	-.65	.025	-.84	.025	1.03
.150	-.61	.057	.99	.050	-.11	.050	.96
.200	-.50	.086	.89	.075	.38	.100	.96
.300	-.57	.114	.62	.100	.81	.150	.90
.400	-.65	.172	.40	.150	.98	.200	.94
.500	-.55	.229	.35	.200	1.03	.250	.84
.600	-.57	.286	.25	.250	.98	.300	.86
.700	-.41	.343	.21	.300	.86	.400	.86
.861	-.28	.400	.26	.350	.78	.500	.72
		.458	.25	.400	.71	.600	.82
		.571	.23	.500	.40	.703	.87
		.686	.29	.600	-.13	.756	.83
				.700	-.20		

ALPHA = -1.72 DEGREES DYNAMIC PRESSURE = 10.854 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.00	0.000	-1.85	.025	-2.22	.025	-.85
.150	.52	.029	-2.24	.050	-2.65	.050	-.79
.200	.39	.057	-2.01	.075	-2.83	.100	-.85
.300	-.07	.086	-1.54	.100	-2.97	.150	-.89
.400	-.34	.114	-1.35	.149	-3.16	.200	-.85
.500	-.67	.172	-1.12	.200	-2.80	.250	-.81
.600	-.79	.229	-1.09	.250	-3.00	.300	-.74
.700	-.73	.286	-.99	.300	-2.93	.400	-.68
.800	-.77	.343	-.92	.350	-2.74	.500	-.62
		.400	-.85	.400	-2.62	.600	-.53
		.458	-.83	.500	-1.78	.703	-.39
		.571	-.86	.600	-1.47	.826	-.21
		.686	-.91	.700	-1.19		
		.801	-.96	.800	-.97		
		.915	-1.18				
		.967	-1.37				
		.994	-1.55				
			LOWER	SURFACE			
.075	-.53	.029	.84	.025	-.83	.025	1.01
.150	-.51	.057	.93	.050	-.08	.050	.99
.200	-.29	.086	.73	.075	.34	.100	.93
.300	-.52	.114	.58	.100	.76	.150	.89
.400	-.54	.172	.39	.150	.96	.200	.92
.500	-.56	.229	.32	.200	1.01	.250	.88
.600	-.57	.286	.24	.250	.96	.300	.87
.700	-.51	.343	.30	.300	.89	.400	.84
.861	-.12	.400	.27	.350	.76	.500	.73
		.458	.29	.400	.68	.600	.81
		.571	.29	.500	.40	.703	.82
		.686	.29	.600	-.14	.756	.82
				.700	-.24		

ALPHA = .34 DEGREES DYNAMIC PRESSURE = 10.892 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.74	0.000	-1.98	.025	-2.26	.025	-.85
.150	.23	.029	-2.61	.050	-2.56	.050	-.79
.200	-.06	.057	-2.16	.075	-3.00	.100	-.79
.300	-.57	.086	-1.76	.100	-3.05	.150	-.90
.400	-.76	.114	-1.54	.149	-3.11	.200	-.87
.500	-.81	.172	-1.24	.200	-2.86	.250	-.86
.600	-1.14	.229	-1.19	.250	-2.98	.300	-.73
.700	-1.20	.286	-1.13	.300	-2.91	.400	-.69
.800	-.98	.343	-1.03	.350	-2.90	.500	-.60
		.400	-.92	.400	-2.40	.600	-.50
		.458	-.98	.500	-1.80	.703	-.36
		.571	-.92	.600	-1.45	.826	-.21
		.686	-.94	.700	-1.20		
		.801	-1.04	.800	-.93		
		.915	-1.27				
		.967	-1.46				
		.994	-1.57				
			LOWER	SURFACE			
.075	-.34	.029	.90	.025	-.74	.025	.98
.150	-.16	.057	.88	.050	-.05	.050	.98
.200	-.29	.086	.67	.075	.43	.100	.93
.300	-.27	.114	.59	.100	.80	.150	.93
.400	-.25	.172	.47	.150	1.00	.200	.92
.500	-.43	.229	.37	.200	1.01	.250	.89
.600	-.36	.286	.32	.250	1.00	.300	.86
.700	-.08	.343	.30	.300	.84	.400	.90
.861	-.07	.400	.35	.350	.76	.500	.68
		.458	.33	.400	.67	.600	.80
		.571	.34	.500	.36	.703	.80
		.686	.31	.600	-.14	.756	.80
				.700	-.25		

ALPHA = 2.44 DEGREES DYNAMIC PRESSURE = 10.908 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.37	0.000	-1.29	.025	-2.30	.025	-.79
.150	.02	.029	-2.84	.050	-2.64	.050	-.77
.200	-.31	.057	-2.39	.075	-3.05	.100	-.84
.300	-.86	.086	-2.03	.100	-3.18	.150	-.83
.400	-1.04	.114	-1.78	.149	-3.10	.200	-.83
.500	-1.29	.172	-1.39	.200	-2.93	.250	-.76
.600	-1.38	.229	-1.36	.250	-3.03	.300	-.74
.700	-1.46	.286	-1.25	.300	-2.85	.400	-.67
.800	-1.21	.343	-1.10	.350	-2.69	.500	-.58
		.400	-1.01	.400	-2.53	.600	-.48
		.458	-1.02	.500	-1.80	.703	-.34
		.571	-.95	.600	-1.43	.826	-.25
		.686	-1.02	.700	-1.17		
		.801	-1.08	.800	-.91		
		.915	-1.29				
		.967	-1.47				
		.994	-1.61				
			LOWER	SURFACE			
.075	.04	.029	.99	.025	-.70	.025	1.01
.150	.02	.057	.87	.050	-.04	.050	1.00
.200	-.02	.086	.73	.075	.44	.100	.95
.300	.12	.114	.67	.100	.79	.150	.94
.400	.07	.172	.50	.150	1.02	.200	.94
.500	.03	.229	.44	.200	1.01	.250	.93
.600	.06	.286	.45	.250	.98	.300	.88
.700	.16	.343	.46	.300	.89	.400	.87
.861	-.03	.400	.38	.350	.78	.500	.72
		.458	.40	.400	.77	.600	.82
		.571	.40	.500	.43	.703	.85
		.686	.36	.600	-.17	.756	.83
				.700	-.22		

ALPHA = 4.39 DEGREES DYNAMIC PRESSURE = 10.823 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.08	0.000	-.73	.025	-2.32	.025	-.80
.150	-.33	.029	-3.36	.050	-2.68	.050	-.72
.200	-.89	.057	-2.81	.075	-3.05	.100	-.80
.300	-1.31	.086	-2.14	.100	-3.18	.150	-.81
.400	-1.24	.114	-2.01	.149	-3.21	.200	-.80
.500	-1.69	.172	-1.49	.200	-3.07	.250	-.82
.600	-1.64	.229	-1.46	.250	-3.00	.300	-.70
.700	-1.72	.286	-1.39	.300	-2.91	.400	-.61
.800	-1.47	.343	-1.14	.350	-2.63	.500	-.52
		.400	-1.09	.400	-2.65	.600	-.43
		.458	-1.03	.500	-1.77	.703	-.28
		.571	-1.00	.600	-1.41	.826	-.19
		.686	-1.07	.700	-1.21		
		.801	-1.10	.800	-.88		
		.915	-1.34				
		.967	-1.49				
		.994	-1.62				
			LOWER	SURFACE			
.075	.34	.029	1.02	.025	-.73	.025	1.01
.150	.14	.057	.90	.050	-.02	.050	.99
.200	.26	.086	.81	.075	.43	.100	.97
.300	.20	.114	.76	.100	.75	.150	.93
.400	.23	.172	.62	.150	1.01	.200	.92
.500	.26	.229	.53	.200	1.00	.250	.94
.600	.20	.286	.49	.250	1.01	.300	.88
.700	.46	.343	.45	.300	.96	.400	.91
.861	.18	.400	.47	.350	.88	.500	.76
		.458	.48	.400	.81	.600	.88
		.571	.41	.500	.52	.703	.89
		.686	.41	.600	-.12	.756	.89
				.700	-.16		

ALPHA = 6.51 DEGREES DYNAMIC PRESSURE = 10.967 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.19	0.000	-.46	.025	-2.32	.025	-.75
.150	-1.66	.029	-3.97	.050	-2.76	.050	-.74
.200	-1.26	.057	-3.20	.075	-3.12	.100	-.83
.300	-1.69	.086	-2.42	.100	-3.17	.150	-.84
.400	-1.98	.114	-2.17	.149	-3.18	.200	-.79
.500	-2.13	.172	-1.70	.200	-3.16	.250	-.80
.600	-2.28	.229	-1.57	.250	-3.19	.300	-.73
.700	-2.06	.286	-1.53	.300	-2.94	.400	-.58
.800	-1.86	.343	-1.28	.350	-2.86	.500	-.56
		.400	-1.19	.400	-2.79	.600	-.45
		.458	-1.13	.500	-1.70	.703	-.34
		.571	-1.08	.600	-1.44	.826	-.17
		.686	-1.11	.700	-1.22		
		.801	-1.14	.800	-.89		
		.915	-1.37				
		.967	-1.51				
		.994	-1.61				
			LOWER	SURFACE			
.075	.38	.029	1.01	.025	-.63	.025	1.02
.150	.31	.057	.92	.050	-.00	.050	1.00
.200	.38	.086	.87	.075	.47	.100	.97
.300	.44	.114	.77	.100	.77	.150	.97
.400	.61	.172	.65	.150	.98	.200	.94
.500	.71	.229	.58	.200	1.03	.250	.93
.600	.68	.286	.55	.250	1.00	.300	.91
.700	.64	.343	.53	.300	.93	.400	.91
.861	.33	.400	.50	.350	.84	.500	.75
		.458	.51	.400	.77	.600	.85
		.571	.47	.500	.48	.703	.87
		.686	.45	.600	-.12	.756	.85
				.700	-.24		

ALPHA = 8.63 DEGREES DYNAMIC PRESSURE = 10.895 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.13	0.000	-.44	.025	-2.29	.025	-.74
.150	-1.62	.029	-4.24	.050	-2.68	.050	-.70
.200	-2.46	.057	-3.29	.075	-3.09	.100	-.73
.300	-2.62	.086	-2.71	.100	-3.24	.150	-.78
.400	-2.81	.114	-2.38	.149	-3.15	.200	-.79
.500	-2.93	.172	-1.87	.200	-3.10	.250	-.79
.600	-2.74	.229	-1.78	.250	-3.08	.300	-.72
.700	-2.37	.286	-1.62	.300	-2.97	.400	-.61
.800	-2.47	.343	-1.43	.350	-2.85	.500	-.55
		.400	-1.26	.400	-2.82	.600	-.40
		.458	-1.20	.500	-1.80	.703	-.28
		.571	-1.17	.600	-1.50	.826	-.14
		.686	-1.16	.700	-1.16		
		.801	-1.19	.800	-.84		
		.915	-1.40				
		.967	-1.64				
		.994	-1.71				
			LOWER	SURFACE			
.075	.62	.029	.98	.025	-.65	.025	1.01
.150	.62	.057	.94	.050	.00	.050	1.00
.200	.49	.086	.87	.075	.45	.100	.98
.300	.67	.114	.82	.100	.78	.150	.94
.400	.75	.172	.75	.150	.97	.200	.96
.500	.74	.229	.68	.200	1.01	.250	.92
.600	.76	.286	.59	.250	1.00	.300	.91
.700	.67	.343	.57	.300	.92	.400	.91
.861	.27	.400	.55	.350	.86	.500	.75
		.458	.51	.400	.80	.600	.86
		.571	.54	.500	.50	.703	.89
		.686	.49	.600	-.08	.756	.85
				.700	-.19		

ALPHA = 10.46 DEGREES DYNAMIC PRESSURE = 10.826 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.04	0.000	-.55	.025	-2.29	.025	-.73
.150	-2.24	.029	-4.54	.050	-2.61	.050	-.69
.200	-3.17	.057	-3.89	.075	-3.01	.100	-.73
.300	-3.80	.086	-2.87	.100	-3.20	.150	-.74
.400	-3.14	.114	-2.55	.149	-3.23	.200	-.71
.500	-3.15	.172	-2.01	.200	-3.04	.250	-.74
.600	-3.06	.229	-1.83	.250	-3.04	.300	-.68
.700	-2.84	.286	-1.73	.300	-2.76	.400	-.61
.800	-2.59	.343	-1.45	.350	-2.77	.500	-.55
		.400	-1.29	.400	-2.74	.600	-.37
		.458	-1.28	.500	-1.82	.703	-.24
		.571	-1.20	.600	-1.48	.826	-.11
		.686	-1.23	.700	-1.11		
		.801	-1.22	.800	-.94		
		.915	-1.38				
		.967	-1.58				
		.994	-1.68				
			LOWER	SURFACE			
.075	.61	.029	.96	.025	-.59	.025	1.00
.150	.69	.057	.98	.050	.02	.050	1.01
.200	.75	.086	.92	.075	.44	.100	1.00
.300	.73	.114	.88	.100	.77	.150	.95
.400	.76	.172	.77	.150	1.01	.200	.97
.500	.80	.229	.65	.200	1.01	.250	.99
.600	.75	.286	.62	.250	.96	.300	.93
.700	.65	.343	.61	.300	.89	.400	.90
.861	.23	.400	.57	.350	.84	.500	.76
		.458	.59	.400	.81	.600	.88
		.571	.50	.500	.54	.703	.89
		.686	.49	.600	-.10	.756	.88
				.700	-.18		

ALPHA = 12.37 DEGREES DYNAMIC PRESSURE = 10.924 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.52	0.000	-.80	.025	-2.38	.025	-.73
.150	-3.47	.029	-4.98	.050	-2.84	.050	-.66
.200	-4.32	.057	-4.16	.075	-3.11	.100	-.75
.300	-3.95	.086	-2.99	.100	-3.16	.150	-.69
.400	-4.02	.114	-2.68	.149	-3.01	.200	-.75
.500	-3.68	.172	-2.12	.200	-3.10	.250	-.73
.600	-3.46	.229	-1.98	.250	-2.81	.300	-.68
.700	-3.48	.286	-1.84	.300	-2.92	.400	-.60
.800	-3.26	.343	-1.58	.350	-2.89	.500	-.49
		.400	-1.41	.400	-2.72	.600	-.39
		.458	-1.31	.500	-1.75	.703	-.24
		.571	-1.26	.600	-1.35	.826	-.10
		.686	-1.16	.700	-1.14		
		.801	-1.22	.800	-.83		
		.915	-1.45				
		.967	-1.54				
		.994	-1.70				
			LOWER	SURFACE			
.075	.92	.029	.98	.025	-.54	.025	.96
.150	.83	.057	1.04	.050	.02	.050	.98
.200	.79	.086	.99	.075	.45	.100	.92
.300	.76	.114	.91	.100	.76	.150	.91
.400	.79	.172	.77	.150	.95	.200	.94
.500	.78	.229	.79	.200	.99	.250	.92
.600	.74	.286	.73	.250	.96	.300	.91
.700	.62	.343	.71	.300	.95	.400	.87
.861	.20	.400	.66	.350	.86	.500	.79
		.458	.59	.400	.84	.600	.85
		.571	.58	.500	.52	.703	.88
		.686	.52	.600	-.06	.756	.83
				.700	-.14		

ALPHA = 14.31 DEGREES DYNAMIC PRESSURE = 10.896 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.27	0.000	-.89	.025	-2.28	.025	-.74
.150	-3.45	.029	-5.27	.050	-2.80	.050	-.62
.200	-4.19	.057	-4.36	.075	-3.21	.100	-.73
.300	-3.76	.086	-3.25	.100	-3.24	.150	-.76
.400	-4.08	.114	-2.93	.149	-3.15	.200	-.82
.500	-4.18	.172	-2.30	.200	-3.08	.250	-.66
.600	-3.76	.229	-2.08	.250	-2.54	.300	-.67
.700	-3.47	.286	-1.87	.300	-2.52	.400	-.93
.800	-3.49	.343	-1.66	.350	-2.67	.500	-.54
		.400	-1.47	.400	-2.62	.600	-.76
		.458	-1.13	.500	-1.17	.703	-.22
		.571	-1.24	.600	-1.43	.826	-.11
		.686	-1.25	.700	-.96		
		.801	-1.25	.800	-.85		
		.915	-1.04				
		.967	-1.39				
		.994	-1.13				
			LOWER	SURFACE			
.075	1.01	.029	.97	.025	-.46	.025	1.00
.150	.91	.057	1.00	.050	.11	.050	.99
.200	.90	.086	.95	.075	.50	.100	1.00
.300	.89	.114	.94	.100	.80	.150	1.00
.400	.88	.172	.87	.150	.96	.200	.98
.500	.82	.229	.84	.200	1.02	.250	.94
.600	.79	.286	.75	.250	1.02	.300	.96
.700	.66	.343	.70	.300	.93	.400	.93
.861	.08	.400	.68	.350	.88	.500	.76
		.458	.64	.400	.78	.600	.89
		.571	.58	.500	.50	.703	.86
		.686	.48	.600	-.08	.756	.84
				.700	-.15		

ALPHA = 16.21 DEGREES DYNAMIC PRESSURE = 11.020 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.34	0.000	-.72	.025	-1.59	.025	-.98
.150	-3.90	.029	-3.80	.050	-2.20	.050	-1.06
.200	-3.96	.057	-3.08	.075	-2.00	.100	-1.15
.300	-3.92	.086	-2.77	.100	-2.17	.150	-1.08
.400	-3.29	.114	-3.04	.149	-1.66	.200	-1.12
.500	-3.62	.172	-1.85	.200	-1.73	.250	-1.08
.600	-3.30	.229	-1.32	.250	-1.79	.300	-1.02
.700	-3.19	.286	-1.38	.300	-1.35	.400	-.88
.800	-3.09	.343	-1.35	.350	-1.59	.500	-.87
		.400	-1.25	.400	-1.56	.600	-.77
		.458	-1.07	.500	-1.06	.703	-.84
		.571	-.93	.600	-.90	.826	-.61
		.686	-.99	.700	-.95		
		.801	-.83	.800	-.79		
		.915	-1.01				
		.967	-.96				
		.994	-1.07				
			LOWER	SURFACE			
.075	1.01	.029	.94	.025	-.45	.025	1.03
.150	.84	.057	.99	.050	.14	.050	1.01
.200	.88	.086	.96	.075	.54	.100	.96
.300	.87	.114	.92	.100	.80	.150	.98
.400	.85	.172	.83	.150	.96	.200	.96
.500	.81	.229	.71	.200	1.02	.250	.91
.600	.78	.286	.74	.250	.97	.300	.90
.700	.68	.343	.67	.300	.93	.400	.87
.861	.18	.400	.65	.350	.84	.500	.76
		.458	.59	.400	.75	.600	.81
		.571	.58	.500	.44	.703	.82
		.686	.51	.600	-.22	.756	.80
				.700	-.39		

APPENDIX E

ALPHA = 18.08 DEGREES DYNAMIC PRESSURE = 11.021 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER SURFACE				
.075	-4.45	0.000	-.42	.025	-1.58	.025	-1.05
.150	-4.44	.029	-3.34	.050	-1.64	.050	-.92
.200	-3.68	.057	-3.47	.075	-2.06	.100	-1.04
.300	-4.41	.086	-2.61	.100	-2.22	.150	-1.16
.400	-4.19	.114	-2.28	.149	-2.48	.200	-1.20
.500	-3.88	.172	-1.43	.200	-1.66	.250	-1.06
.600	-3.73	.229	-1.26	.250	-1.53	.300	-.88
.700	-3.27	.286	-1.40	.300	-1.42	.400	-.89
.800	-2.53	.343	-1.07	.350	-1.75	.500	-.91
		.400	-.82	.400	-1.68	.600	-.78
		.458	-.74	.500	-1.08	.703	-.83
		.571	-.98	.600	-.90	.826	-.68
		.686	-.86	.730	-.84		
		.801	-1.01	.800	-.82		
		.915	-1.02				
		.967	-.87				
		.994	-1.13				
			LOWER SURFACE				
.075	1.02	.029	.94	.025	-.39	.025	1.04
.150	.92	.057	1.03	.050	.13	.050	.99
.200	.89	.086	.96	.075	.52	.100	.99
.300	.89	.114	.92	.100	.79	.150	.96
.400	.86	.172	.88	.150	.98	.200	.93
.500	.84	.229	.80	.200	.99	.250	.93
.600	.82	.286	.77	.250	.99	.300	.90
.700	.71	.343	.78	.300	.90	.400	.91
.861	.24	.400	.64	.350	.83	.500	.74
		.458	.67	.400	.74	.600	.84
		.571	.55	.500	.45	.703	.83
		.686	.36	.600	-.27	.756	.84
				.700	-.42		

ALPHA = 19.91 DEGREES DYNAMIC PRESSURE = 10.994 LBF/SQ.FT.

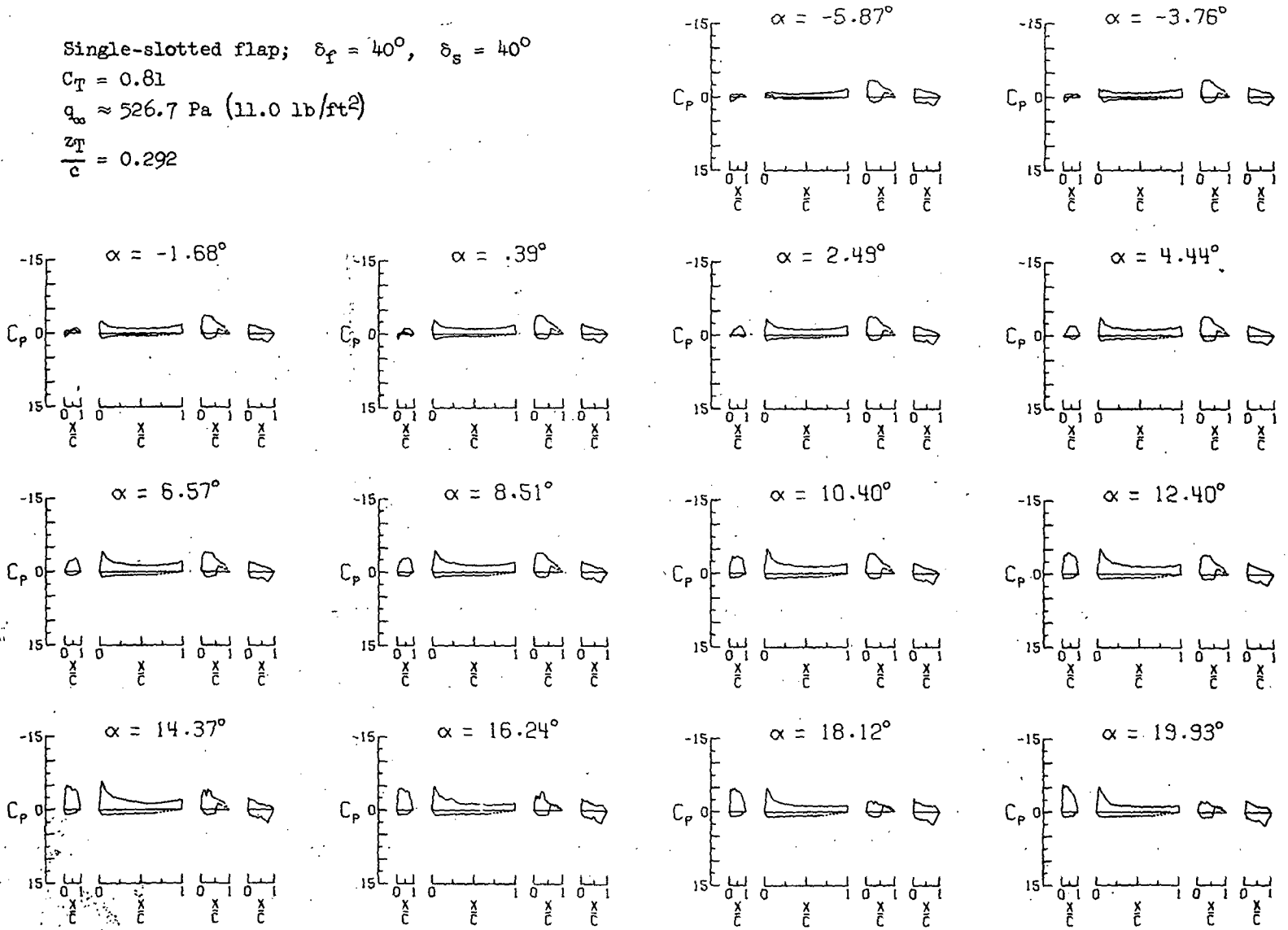
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER SURFACE				
.075	-5.01	0.000	-.87	.025	-1.57	.025	-.88
.150	-4.48	.029	-4.70	.050	-1.85	.050	-.67
.200	-4.85	.057	-4.30	.075	-1.96	.100	-.85
.300	-4.76	.086	-3.12	.100	-2.11	.150	-.80
.430	-4.28	.114	-2.53	.149	-2.15	.200	-.86
.500	-4.24	.172	-2.22	.200	-1.75	.250	-.63
.600	-4.06	.229	-1.92	.250	-1.94	.300	-.83
.700	-3.75	.286	-1.53	.300	-1.82	.400	-.93
.800	-2.73	.343	-1.28	.350	-2.55	.500	-.87
		.400	-1.15	.400	-1.40	.600	-.76
		.458	-1.08	.500	-1.08	.703	-.89
		.571	-1.05	.600	-.97	.826	-.66
		.686	-.95	.700	-1.01		
		.801	-.92	.800	-.89		
		.915	-1.12				
		.967	-.98				
		.994	-1.00				
			LOWER SURFACE				
.075	.93	.029	.86	.025	-.34	.025	.97
.150	.97	.057	.99	.050	.19	.050	.99
.200	.99	.086	.99	.075	.54	.100	1.00
.300	.92	.114	.99	.100	.79	.150	.96
.400	.85	.172	.91	.150	.98	.200	.92
.500	.84	.229	.89	.200	1.01	.250	.95
.600	.81	.286	.80	.250	.96	.300	.95
.700	.68	.343	.77	.300	.93	.400	.89
.861	.19	.400	.73	.350	.86	.500	.76
		.458	.66	.400	.76	.600	.86
		.571	.60	.500	.67	.703	.85
		.686	.60	.600	-.25	.756	.84
				.700	-.47		

Single-slotted flap; $\delta_f = 40°$, $\delta_s = 40°$

$C_T = 0.81$

$q_\infty \approx 526.7$ Pa (11.0 lb/ft^2)

$\frac{z_T}{c} = 0.292$



ALPHA = -5.87 DEGREES DYNAMIC PRESSURE = 11.061 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.04	0.000	-.78	.025	-2.24	.025	-1.94
.150	.79	.029	-1.05	.050	-2.71	.050	-1.81
.200	.76	.057	-.92	.075	-3.23	.100	-1.81
.300	.47	.086	-.97	.100	-3.40	.150	-1.64
.400	.23	.114	-1.00	.149	-3.37	.200	-1.68
.500	-.14	.172	-.81	.200	-3.38	.250	-1.54
.600	-.35	.229	-.79	.250	-3.46	.300	-1.42
.700	-.53	.286	-.73	.300	-3.38	.400	-1.30
.800	-.44	.343	-.70	.350	-3.25	.500	-1.12
		.400	-.66	.400	-3.06	.600	-.96
		.458	-.76	.500	-2.34	.703	-.86
		.571	-.79	.600	-2.04	.826	-.77
		.686	-.88	.700	-1.71		
		.801	-.97	.800	-1.40		
		.915	-1.28				
		.967	-1.61				
		.994	-1.73				
			LOWER	SURFACE			
.075	-.51	.029	-.68	.025	-.69	.025	.50
.150	-.57	.057	-.35	.050	-.20	.050	.90
.200	-.51	.086	-.53	.075	.20	.100	1.00
.300	-.58	.114	.34	.100	.61	.150	1.07
.400	-.64	.172	-.06	.150	.84	.200	1.03
.500	-.55	.229	.34	.200	.88	.250	1.09
.600	-.55	.286	.25	.250	.97	.300	1.07
.700	-.45	.343	.27	.300	.97	.400	1.18
.861	-.46	.400	.29	.350	.95	.500	.87
		.458	.24	.400	.88	.600	1.35
		.571	.30	.500	.59	.703	1.62
		.686	.36	.600	-1.02	.756	1.58
				.700	-.84		

ALPHA = -3.77 DEGREES DYNAMIC PRESSURE = 10.973 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.02	0.000	-1.73	.025	-2.35	.025	-2.07
.150	.87	.029	-1.19	.050	-2.87	.050	-1.67
.200	.63	.057	-1.53	.075	-3.34	.100	-1.70
.300	-.00	.086	-1.34	.100	-3.48	.150	-1.68
.400	-.21	.114	-1.25	.149	-3.47	.200	-1.64
.500	-.24	.172	-.97	.200	-3.47	.250	-1.53
.600	-.59	.229	-.91	.250	-3.48	.300	-1.41
.700	-.54	.286	-.94	.300	-3.51	.400	-1.28
.800	-.67	.343	-.92	.350	-3.29	.500	-1.10
		.400	-.85	.400	-3.11	.600	-.97
		.458	-.80	.500	-2.38	.703	-.88
		.571	-.86	.600	-2.02	.826	-.79
		.686	-.93	.700	-1.71		
		.801	-1.12	.800	-1.40		
		.915	-1.39				
		.967	-1.59				
		.994	-1.75				
			LOWER	SURFACE			
.075	-.56	.029	.10	.025	-.67	.025	.61
.150	-.56	.057	.89	.050	-.11	.050	.97
.200	-.61	.086	.86	.075	.34	.100	.98
.300	-.62	.114	.64	.100	.65	.150	1.06
.400	-.65	.172	.43	.150	.91	.200	1.08
.500	-.68	.229	.47	.200	1.05	.250	1.10
.600	-.67	.286	.29	.250	1.01	.300	1.10
.700	-.59	.343	.35	.300	.95	.400	1.15
.861	-.24	.400	.33	.350	.92	.500	.86
		.458	.39	.400	.89	.600	1.27
		.571	.36	.500	.67	.703	1.57
		.686	.40	.600	-.95	.756	1.72
				.700	-.82		

ALPHA = -1.69 DEGREES DYNAMIC PRESSURE = 10.951 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.86	0.000	-2.02	.025	-2.54	.025	-1.99
.150	.55	.029	-2.54	.050	-3.08	.050	-1.77
.200	.36	.057	-1.94	.075	-3.43	.100	-1.72
.300	-.18	.086	-1.80	.100	-3.63	.150	-1.69
.400	-.33	.114	-1.41	.149	-3.68	.200	-1.69
.500	-.57	.172	-1.24	.200	-3.59	.250	-1.61
.600	-.92	.229	-1.15	.250	-3.60	.300	-1.49
.700	-.98	.286	-1.12	.300	-3.56	.400	-1.33
.800	-.93	.343	-1.02	.350	-3.50	.500	-1.11
		.400	-.97	.400	-3.27	.600	-.99
		.458	-.97	.500	-2.45	.703	-.91
		.571	-1.01	.600	-2.07	.826	-.81
		.686	-1.05	.700	-1.76		
		.801	-1.15	.800	-1.45		
		.915	-1.45				
		.967	-1.73				
		.994	-1.87				
			LOWER	SURFACE			
.075	-.43	.029	.88	.025	-.64	.025	.53
.150	-.42	.057	.96	.050	-.10	.050	.92
.200	-.54	.086	.73	.075	.36	.100	.98
.300	-.29	.114	.59	.100	.65	.150	1.07
.400	-.59	.172	.52	.150	.89	.200	1.08
.500	-.60	.229	.35	.200	.97	.250	1.12
.600	-.56	.286	.35	.250	1.01	.300	1.06
.700	-.45	.343	.38	.300	.95	.400	1.19
.861	-.15	.400	.33	.350	.92	.500	.91
		.458	.39	.400	.90	.600	1.36
		.571	.39	.500	.63	.703	1.61
		.686	.43	.600	-1.00	.756	1.67
				.700	-.81		

ALPHA = .39 DEGREES DYNAMIC PRESSURE = 10.892 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.97	0.000	-1.68	.025	-2.62	.025	-2.15
.150	.39	.029	-2.90	.050	-3.15	.050	-1.93
.200	-.15	.057	-2.32	.075	-3.70	.100	-1.79
.300	-.41	.086	-1.86	.100	-3.78	.150	-1.77
.400	-.84	.114	-1.59	.149	-3.87	.200	-1.69
.500	-1.19	.172	-1.33	.200	-3.83	.250	-1.60
.600	-1.11	.229	-1.29	.250	-3.74	.300	-1.46
.700	-1.21	.286	-1.21	.300	-3.70	.400	-1.37
.800	-1.09	.343	-1.19	.350	-3.59	.500	-1.13
		.400	-1.00	.400	-3.31	.600	-1.04
		.458	-1.04	.500	-2.56	.703	-.87
		.571	-1.04	.600	-2.15	.826	-.74
		.686	-1.14	.700	-1.85		
		.801	-1.22	.800	-1.49		
		.915	-1.53				
		.967	-1.80				
		.994	-1.96				
			LOWER	SURFACE			
.075	-.21	.029	.98	.025	-.58	.025	.94
.150	-.21	.057	.96	.050	-.08	.050	.95
.200	-.31	.086	.79	.075	.35	.100	.95
.300	-.28	.114	.70	.100	.65	.150	1.08
.400	-.37	.172	.54	.150	.90	.200	1.14
.500	-.41	.229	.49	.200	1.01	.250	1.15
.600	-.31	.286	.46	.250	1.00	.300	1.14
.700	-.15	.343	.43	.300	.98	.400	1.23
.861	.47	.400	.38	.350	.97	.500	.98
		.458	.44	.400	.91	.600	1.44
		.571	.41	.500	.69	.703	1.66
		.686	.44	.600	-1.21	.756	1.71
				.700	-.89		

ALPHA = 2.49 DEGREES DYNAMIC PRESSURE = 10.919 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.41	0.000	-.94	.025	-2.60	.025	-2.15
.150	-.32	.029	-3.51	.050	-3.20	.050	-1.98
.200	-.62	.057	-2.70	.075	-3.68	.100	-1.76
.300	-1.26	.086	-2.31	.100	-3.76	.150	-1.79
.400	-1.33	.114	-1.99	.149	-3.89	.200	-1.79
.500	-1.59	.172	-1.53	.200	-3.81	.250	-1.67
.600	-1.77	.229	-1.49	.250	-3.75	.300	-1.52
.700	-1.77	.286	-1.34	.300	-3.84	.400	-1.37
.800	-1.43	.343	-1.27	.350	-3.67	.500	-1.16
		.400	-1.17	.400	-3.40	.600	-1.00
		.458	-1.15	.500	-2.64	.703	-.86
		.571	-1.16	.600	-2.19	.826	-.73
		.686	-1.19	.700	-1.85		
		.801	-1.29	.800	-1.51		
		.915	-1.59				
		.967	-1.87				
		.994	-2.03				
			LOWER	SURFACE			
.075	.01	.029	1.04	.025	-.58	.025	.49
.150	.07	.057	.94	.050	.00	.050	.95
.200	-.00	.086	.80	.075	.37	.100	1.05
.300	.13	.114	.69	.100	.66	.150	1.13
.400	.03	.172	.64	.150	.89	.200	1.13
.500	-.08	.229	.56	.200	.99	.250	1.17
.600	.05	.286	.49	.250	1.05	.300	1.19
.700	.30	.343	.47	.300	1.00	.400	1.24
.861	.37	.400	.45	.350	.96	.500	.99
		.458	.48	.400	.91	.600	1.45
		.571	.51	.500	.70	.703	1.75
		.686	.48	.600	-1.09	.756	1.79
				.700	-.92		

ALPHA = 4.44 DEGREES DYNAMIC PRESSURE = 10.873 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.16	0.000	-.50	.025	-2.72	.025	-2.24
.150	-.57	.029	-3.74	.050	-3.28	.050	-2.01
.200	-.73	.057	-3.29	.075	-3.80	.100	-1.90
.300	-1.46	.086	-2.26	.100	-3.81	.150	-1.85
.400	-1.96	.114	-2.06	.149	-4.04	.200	-1.82
.500	-1.95	.172	-1.69	.200	-3.91	.250	-1.65
.600	-2.11	.229	-1.62	.250	-3.94	.300	-1.53
.700	-1.90	.286	-1.54	.300	-3.92	.400	-1.36
.800	-1.79	.343	-1.40	.350	-3.67	.500	-1.19
		.400	-1.26	.400	-3.44	.600	-1.02
		.458	-1.20	.500	-2.60	.703	-.87
		.571	-1.23	.600	-2.24	.826	-.73
		.686	-1.25	.700	-1.87		
		.801	-1.35	.800	-1.51		
		.915	-1.65				
		.967	-1.89				
		.994	-2.00				
			LOWER	SURFACE			
.075	.20	.029	1.04	.025	-.51	.025	.53
.150	.21	.057	.95	.050	.00	.050	.98
.200	.32	.086	.81	.075	.36	.100	1.04
.300	.09	.114	.80	.100	.69	.150	1.07
.400	.28	.172	.67	.150	.88	.200	1.19
.500	.60	.229	.61	.200	.96	.250	1.22
.600	.55	.286	.62	.250	.99	.300	1.19
.700	.66	.343	.58	.300	.95	.400	1.34
.861	.23	.400	.58	.350	.95	.500	1.04
		.458	.52	.400	.90	.600	1.43
		.571	.59	.500	.69	.703	1.71
		.686	.57	.600	-1.14	.756	1.82
				.700	-.98		

ALPHA = 6.58 DEGREES DYNAMIC PRESSURE = 10.900 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.33	0.000	-.43	.025	-2.75	.025	-2.23
.150	-1.13	.029	-4.33	.050	-3.35	.050	-2.02
.200	-1.51	.057	-3.43	.075	-3.83	.100	-1.94
.300	-2.15	.086	-2.70	.100	-3.97	.150	-1.86
.400	-2.27	.114	-2.41	.149	-3.98	.200	-1.76
.500	-2.26	.172	-1.86	.200	-3.98	.250	-1.67
.600	-2.59	.229	-1.80	.250	-3.92	.300	-1.52
.700	-2.49	.286	-1.66	.300	-3.90	.400	-1.42
.800	-2.05	.343	-1.48	.350	-3.81	.500	-1.17
		.400	-1.33	.400	-3.48	.600	-.97
		.458	-1.36	.500	-2.72	.703	-.88
		.571	-1.28	.600	-2.28	.826	-.68
		.686	-1.26	.700	-1.85		
		.801	-1.42	.800	-1.55		
		.915	-1.65				
		.967	-1.96				
		.994	-2.15				
			LOWER	SURFACE			
.075	.32	.029	1.05	.025	-.43	.025	.56
.150	.65	.057	.95	.050	.02	.050	.99
.200	.48	.086	.92	.075	.38	.100	1.04
.300	.72	.114	.86	.100	.68	.150	1.19
.400	.77	.172	.71	.150	.90	.200	1.23
.500	.74	.229	.68	.200	.98	.250	1.26
.600	.77	.286	.60	.250	1.00	.300	1.27
.700	.68	.343	.59	.300	.97	.400	1.37
.861	.26	.400	.59	.350	.98	.500	1.02
		.458	.60	.400	.88	.600	1.48
		.571	.59	.500	.77	.703	1.82
		.686	.58	.600	-1.25	.756	1.91
				.700	-1.02		

ALPHA = 8.52 DEGREES DYNAMIC PRESSURE = 10.870 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.96	0.000	-.48	.025	-2.74	.025	-2.28
.150	-2.34	.029	-4.63	.050	-3.37	.050	-2.12
.200	-2.03	.057	-3.73	.075	-3.82	.100	-1.85
.300	-2.58	.086	-3.00	.100	-3.94	.150	-1.84
.400	-2.78	.114	-2.59	.149	-3.95	.200	-1.86
.500	-2.80	.172	-2.11	.200	-3.93	.250	-1.72
.600	-3.01	.229	-1.87	.250	-4.02	.300	-1.58
.700	-2.97	.286	-1.83	.300	-3.92	.400	-1.36
.800	-2.63	.343	-1.59	.350	-3.75	.500	-1.15
		.400	-1.41	.400	-3.61	.600	-.99
		.458	-1.42	.500	-2.62	.703	-.83
		.571	-1.36	.600	-2.18	.826	-.72
		.686	-1.38	.700	-1.87		
		.801	-1.44	.800	-1.48		
		.915	-1.71				
		.967	-1.97				
		.994	-2.11				
			LOWER	SURFACE			
.075	.62	.029	1.01	.025	-.37	.025	.57
.150	.72	.057	.98	.050	.06	.050	1.03
.200	.68	.086	.93	.075	.40	.100	1.10
.300	.75	.114	.84	.100	.68	.150	1.18
.400	.74	.172	.76	.150	.89	.200	1.25
.500	.76	.229	.78	.200	1.00	.250	1.30
.600	.76	.286	.69	.250	.99	.300	1.32
.700	.66	.343	.69	.300	.99	.400	1.44
.861	.23	.400	.68	.350	.99	.500	1.09
		.458	.68	.400	.92	.600	1.67
		.571	.64	.500	.79	.703	1.97
		.686	.62	.600	-1.30	.796	2.09
				.700	-.97		

ALPHA = 10.41 DEGREES DYNAMIC PRESSURE = 10.912 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.04	0.000	-.71	.025	-2.71	.025	-2.30
.150	-2.86	.029	-5.26	.050	-3.42	.050	-2.10
.200	-3.59	.057	-4.27	.075	-3.94	.100	-2.01
.300	-3.18	.086	-3.07	.100	-4.11	.150	-1.94
.400	-3.41	.114	-2.82	.149	-4.11	.200	-1.83
.500	-3.57	.172	-2.17	.200	-4.09	.250	-1.75
.600	-3.27	.229	-1.97	.250	-4.06	.300	-1.53
.700	-3.08	.286	-1.91	.300	-4.02	.400	-1.39
.800	-3.05	.343	-1.71	.350	-3.63	.500	-1.04
		.400	-1.54	.400	-3.38	.600	-.99
		.458	-1.46	.500	-2.65	.703	-.85
		.571	-1.39	.600	-2.07	.826	-.67
		.686	-1.42	.700	-1.89		
		.801	-1.50	.800	-1.52		
		.915	-1.75				
		.967	-1.93				
		.994	-2.12				
			LOWER	SURFACE			
.075	.93	.029	1.02	.025	-.36	.025	.47
.150	.86	.057	1.00	.050	.13	.050	1.00
.200	.86	.086	.98	.075	.42	.100	1.15
.300	.77	.114	.95	.100	.66	.150	1.18
.400	.79	.172	.85	.150	.91	.200	1.26
.500	.82	.229	.82	.200	1.01	.250	1.36
.600	.75	.286	.76	.250	1.00	.300	1.28
.700	.65	.343	.75	.300	1.00	.400	1.49
.861	.16	.400	.73	.350	.98	.500	1.25
		.458	.71	.400	.91	.600	1.66
		.571	.65	.500	.82	.703	1.94
		.686	.73	.600	-1.17	.756	2.03
				.700	-.95		

ALPHA = 12.40 DEGREES DYNAMIC PRESSURE = 10.951 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.68	0.000	-.91	.025	-2.82	.025	-2.58
.150	-4.00	.029	-5.22	.050	-3.40	.050	-2.22
.200	-3.80	.057	-4.53	.075	-3.87	.100	-2.02
.300	-4.37	.086	-3.50	.100	-4.02	.150	-2.00
.400	-4.45	.114	-3.10	.149	-3.98	.200	-1.86
.500	-4.09	.172	-2.39	.200	-4.14	.250	-1.76
.600	-3.85	.229	-2.22	.250	-3.92	.300	-1.62
.700	-3.71	.286	-2.01	.300	-3.86	.400	-1.37
.800	-3.38	.343	-1.81	.350	-3.85	.500	-1.11
		.400	-1.61	.400	-3.38	.600	-.98
		.458	-1.60	.500	-2.56	.703	-.79
		.571	-1.51	.600	-2.16	.826	-.68
		.686	-1.50	.700	-1.85		
		.801	-1.51	.800	-1.49		
		.915	-1.82				
		.967	-2.02				
		.994	-2.14				
			LOWER	SURFACE			
.075	1.00	.029	.93	.025	-.35	.025	.59
.150	.83	.057	.98	.050	.12	.050	.98
.200	.87	.086	.94	.075	.43	.100	1.14
.300	.85	.114	.94	.100	.71	.150	1.28
.400	.85	.172	.85	.150	.89	.200	1.34
.500	.77	.229	.82	.200	.97	.250	1.36
.600	.79	.286	.79	.250	.99	.300	1.54
.700	.61	.343	.77	.300	1.02	.400	1.66
.861	.13	.400	.76	.350	.99	.500	1.27
		.458	.69	.400	.99	.600	1.85
		.571	.70	.500	.86	.703	2.07
		.686	.71	.600	-1.25	.756	2.31
				.700	-.92		

ALPHA = 14.38 DEGREES DYNAMIC PRESSURE = 10.955 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-4.15	0.000	-1.11	.025	-2.76	.025	-2.56
.150	-4.51	.029	-5.99	.050	-2.58	.050	-2.20
.200	-5.03	.057	-4.86	.075	-3.60	.100	-2.05
.300	-4.70	.086	-3.72	.100	-3.88	.150	-2.00
.400	-4.86	.114	-3.41	.149	-3.92	.200	-1.87
.500	-3.98	.172	-2.58	.200	-2.71	.250	-1.77
.600	-3.91	.229	-2.36	.250	-4.27	.300	-1.51
.700	-4.13	.286	-2.14	.300	-3.80	.400	-1.25
.800	-3.51	.343	-1.88	.350	-3.63	.500	-1.10
		.400	-1.72	.400	-2.55	.600	-.94
		.458	-1.63	.500	-2.28	.703	-.76
		.571	-1.25	.600	-2.11	.826	-.91
		.686	-1.29	.700	-1.78		
		.801	-1.51	.800	-1.45		
		.915	-1.77				
		.967	-2.04				
		.994	-1.97				
			LOWER	SURFACE			
.075	1.04	.029	.89	.025	-.30	.025	.56
.150	.92	.057	.99	.050	.14	.050	1.01
.200	.85	.086	.97	.075	.45	.100	1.15
.300	.85	.114	.95	.100	.71	.150	1.28
.400	.84	.172	.87	.150	.91	.200	1.43
.500	.78	.229	.87	.200	1.02	.250	1.43
.600	.73	.286	.84	.250	1.05	.300	1.44
.700	.64	.343	.80	.300	1.02	.400	1.69
.861	.04	.400	.80	.350	1.01	.500	1.35
		.458	.77	.400	.98	.600	2.02
		.571	.73	.500	.89	.703	2.24
		.686	.70	.600	-1.36	.756	2.65
				.700	-.95		

ALPHA = 16.25 DEGREES DYNAMIC PRESSURE = 10.946 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-4.00	0.000	-.83	.025	-2.21	.025	-2.41
.150	-4.33	.029	-5.02	.050	-2.56	.050	-2.13
.200	-4.26	.057	-4.06	.075	-3.10	.100	-2.06
.300	-4.41	.086	-2.96	.100	-2.41	.150	-2.02
.400	-4.27	.114	-2.75	.149	-2.97	.200	-1.95
.500	-3.80	.172	-2.09	.200	-2.28	.250	-1.76
.600	-4.02	.229	-2.38	.250	-3.85	.300	-1.59
.700	-3.89	.286	-1.76	.300	-3.86	.400	-1.34
.800	-2.78	.343	-1.26	.350	-3.62	.500	-1.18
		.400	-1.28	.400	-2.04	.600	-1.05
		.458	-1.37	.500	-1.59	.703	-1.15
		.571	-1.27	.600	-1.25	.826	-1.22
		.686	-1.03	.700	-1.13		
		.801	-1.15	.800	-1.06		
		.915	-1.28				
		.967	-1.21				
		.994	-1.51				
			LOWER	SURFACE			
.075	1.06	.029	.96	.025	-.08	.025	.63
.150	.99	.057	1.03	.050	.33	.050	1.04
.200	.97	.086	.99	.075	.57	.100	1.17
.300	.92	.114	.97	.100	.70	.150	1.29
.400	.84	.172	.93	.150	.93	.200	1.32
.500	.86	.229	.87	.200	1.01	.250	1.51
.600	.77	.286	.81	.250	1.03	.300	1.47
.700	.67	.343	.80	.300	.97	.400	1.75
.861	.22	.400	.81	.350	.96	.500	1.15
		.458	.74	.400	.96	.600	2.17
		.571	.70	.500	.92	.703	2.40
		.686	.71	.600	-1.38	.756	2.59
				.700	-1.04		

ALPHA = 18.12 DEGREES DYNAMIC PRESSURE = 10.953 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-4.68	0.000	-.71	.025	-1.66	.025	-2.87
.150	-4.15	.029	-4.95	.050	-2.09	.050	-2.23
.200	-4.69	.057	-4.20	.075	-2.16	.100	-2.00
.300	-4.92	.086	-2.98	.100	-2.12	.150	-1.96
.400	-4.46	.114	-2.55	.149	-2.12	.200	-1.93
.500	-4.19	.172	-1.94	.200	-2.22	.250	-1.82
.600	-4.22	.229	-1.77	.250	-1.63	.300	-1.64
.700	-3.77	.286	-1.54	.300	-2.12	.400	-1.37
.800	-2.83	.343	-1.48	.350	-2.11	.500	-1.24
		.400	-1.25	.400	-1.65	.600	-1.22
		.458	-1.31	.500	-1.42	.703	-1.21
		.571	-1.24	.600	-1.34	.826	-1.33
		.686	-1.14	.700	-1.18		
		.801	-1.18	.800	-1.05		
		.915	-1.17				
		.967	-1.32				
		.994	-1.35				
			LOWER	SURFACE			
.075	.98	.029	.90	.025	-.07	.025	.61
.150	.99	.057	1.00	.050	.24	.050	1.05
.200	.94	.086	.96	.075	.59	.100	1.16
.300	.95	.114	.98	.100	.74	.150	1.35
.400	.88	.172	.90	.150	.85	.200	1.32
.500	.77	.229	.87	.200	.99	.250	1.55
.600	.77	.286	.84	.250	1.03	.300	1.51
.700	.69	.343	.79	.300	1.05	.400	1.67
.861	.12	.400	.79	.350	.99	.500	1.49
		.458	.77	.400	.98	.600	2.03
		.571	.77	.500	.84	.703	2.51
		.686	.71	.600	-1.49	.756	2.61
				.700	-1.03		

ALPHA = 19.93 DEGREES DYNAMIC PRESSURE = 10.969 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-5.75	0.000	-1.21	.025	-1.80	.025	-2.53
.150	-5.00	.029	-5.29	.050	-1.64	.050	-2.35
.200	-5.41	.057	-4.38	.075	-1.74	.100	-2.34
.300	-5.32	.086	-3.48	.100	-2.31	.150	-1.95
.400	-5.12	.114	-2.76	.149	-2.34	.200	-1.92
.500	-4.56	.172	-1.62	.200	-2.01	.250	-1.80
.600	-4.10	.229	-1.48	.250	-1.93	.300	-1.59
.700	-3.59	.286	-1.34	.300	-2.26	.400	-1.33
.800	-2.94	.343	-1.31	.350	-1.94	.500	-1.10
		.400	-1.34	.400	-1.67	.600	-1.10
		.458	-1.17	.500	-1.39	.703	-1.04
		.571	-1.11	.600	-1.23	.826	-1.13
		.686	-1.13	.700	-1.13		
		.801	-1.10	.800	-1.09		
		.915	-1.25				
		.967	-1.37				
		.994	-1.39				
			LOWER	SURFACE			
.075	.94	.029	.81	.025	-.07	.025	.59
.150	.95	.057	.99	.050	.29	.050	1.03
.200	.96	.086	.99	.075	.55	.100	1.22
.300	.92	.114	.96	.100	.76	.150	1.39
.400	.88	.172	.91	.150	.97	.200	1.39
.500	.86	.229	.88	.200	1.00	.250	1.52
.600	.81	.286	.87	.250	1.07	.300	1.54
.700	.70	.343	.80	.300	1.01	.400	1.78
.861	.11	.400	.80	.350	1.01	.500	1.63
		.458	.78	.400	1.01	.600	1.92
		.571	.74	.500	.91	.703	2.61
		.686	.75	.600	-1.31	.756	2.65
				.700	-.99		

APPENDIX E

Single-slotted flap; $\delta_f = 40°$, $\delta_s = 40°$
$C_T = 1.33$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.292$
$\alpha = -3.77°$
$\alpha = 4.45°$
$\alpha = 12.42°$
$\alpha = 19.95°$
$\alpha = -5.88°$
$\alpha = 2.50°$
$\alpha = 10.47°$
$\alpha = 18.13°$
$\alpha = .40°$
$\alpha = 8.54°$
$\alpha = 16.24°$
$\alpha = -1.67°$
$\alpha = 6.64°$
$\alpha = 14.35°$
C_p
x/c

ALPHA = -5.88 DEGREES DYNAMIC PRESSURE = 11.057 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.04	0.000	-.84	.025	-2.41	.025	-3.85
.150	.92	.029	-.94	.050	-2.92	.050	-3.40
.200	.72	.057	-.97	.075	-3.39	.100	-2.85
.300	.34	.086	-.94	.100	-3.46	.150	-2.66
.400	.17	.114	-1.09	.149	-3.58	.200	-2.46
.500	-.15	.172	-.80	.200	-3.62	.250	-2.25
.600	-.32	.229	-.76	.250	-3.67	.300	-1.99
.700	-.47	.286	-.76	.300	-3.73	.400	-1.67
.800	-.48	.343	-.67	.350	-3.58	.500	-1.35
		.400	-.73	.400	-3.30	.600	-1.16
		.458	-.78	.500	-2.60	.703	-1.08
		.571	-.79	.600	-2.24	.826	-1.01
		.686	-.92	.700	-1.94		
		.801	-1.05	.800	-1.66		
		.915	-1.37				
		.967	-1.67				
		.994	-1.79				
			LOWER	SURFACE			
.075	-.55	.029	-.74	.025	-.70	.025	.05
.150	-.59	.057	-.53	.050	-.23	.050	.89
.200	-.55	.086	-.18	.075	.17	.100	1.04
.300	-.57	.114	.26	.100	.52	.150	1.25
.400	-.62	.172	.21	.150	.81	.200	1.26
.500	-.53	.229	.09	.200	.94	.250	1.45
.600	-.55	.286	.27	.250	.90	.300	1.40
.700	-.53	.343	.25	.300	.95	.400	1.51
.861	-.53	.400	.22	.350	.88	.500	1.10
		.458	.24	.400	.81	.600	1.78
		.571	.29	.500	.83	.703	2.31
		.686	.37	.600	-2.40	.756	2.37
				.700	-1.70		

ALPHA = -3.78 DEGREES DYNAMIC PRESSURE = 10.999 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.00	0.000	-1.31	.025	-2.56	.025	-3.90
.150	.80	.029	-1.36	.050	-3.00	.050	-3.33
.200	.62	.057	-1.27	.075	-3.44	.100	-2.82
.300	-.01	.086	-1.30	.100	-3.63	.150	-2.64
.400	-.26	.114	-1.27	.149	-3.69	.200	-2.54
.500	-.40	.172	-.98	.200	-3.64	.250	-2.28
.600	-.64	.229	-.89	.250	-3.74	.300	-2.05
.700	-.62	.286	-1.05	.300	-3.61	.400	-1.70
.800	-.64	.343	-.85	.350	-3.65	.500	-1.38
		.400	-.86	.400	-3.33	.600	-1.25
		.458	-.83	.500	-2.69	.703	-1.11
		.571	-.90	.600	-2.27	.826	-1.03
		.686	-1.00	.700	-2.01		
		.801	-1.16	.800	-1.63		
		.915	-1.49				
		.967	-1.70				
		.994	-1.91				
			LOWER	SURFACE			
.075	-.58	.029	-.05	.025	-.61	.025	.05
.150	-.59	.057	.70	.050	-.11	.050	.86
.200	-.63	.086	.80	.075	.29	.100	.99
.300	-.62	.114	.65	.100	.68	.150	1.28
.400	-.65	.172	.40	.150	.89	.200	1.34
.500	-.64	.229	.30	.200	.98	.250	1.38
.600	-.66	.286	.26	.250	1.01	.300	1.37
.700	-.58	.343	.30	.300	.99	.400	1.54
.861	-.38	.400	.37	.350	.93	.500	1.09
		.458	.28	.400	.85	.600	1.73
		.571	.31	.500	.76	.703	2.25
		.686	.44	.600	-2.27	.756	2.30
				.700	-1.63		

ALPHA = -1.68 DEGREES DYNAMIC PRESSURE = 10.963 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.96	0.000	-2.06	.025	-2.60	.025	-3.93
.150	.53	.029	-2.57	.050	-3.10	.050	-3.38
.200	.28	.057	-2.14	.075	-3.62	.100	-2.84
.300	-.47	.086	-1.63	.100	-3.84	.150	-2.69
.400	-.43	.114	-1.50	.149	-3.99	.200	-2.55
.500	-.72	.172	-1.21	.200	-3.91	.250	-2.34
.600	-1.19	.229	-1.18	.250	-3.85	.300	-2.08
.700	-.99	.286	-1.18	.300	-3.93	.400	-1.74
.800	-.86	.343	-1.12	.350	-3.81	.500	-1.39
		.400	-.95	.400	-3.48	.600	-1.23
		.458	-1.03	.500	-2.73	.703	-1.12
		.571	-1.08	.600	-2.32	.826	-1.04
		.686	-1.12	.700	-2.06		
		.801	-1.20	.800	-1.71		
		.915	-1.58				
		.967	-1.78				
		.994	-1.95				
			LOWER	SURFACE			
.075	-.55	.029	.76	.025	-.64	.025	.09
.150	-.45	.057	.91	.050	-.09	.050	.91
.200	-.45	.086	.74	.075	.34	.100	1.07
.300	-.60	.114	.60	.100	.60	.150	1.29
.400	-.60	.172	.42	.150	.88	.200	1.35
.500	-.65	.229	.38	.200	.97	.250	1.45
.600	-.57	.286	.38	.250	.99	.300	1.42
.700	-.31	.343	.32	.300	.90	.400	1.62
.861	.28	.400	.39	.350	.88	.500	1.14
		.458	.38	.400	.83	.600	1.78
		.571	.40	.500	.76	.703	2.36
		.686	.41	.600	-2.38	.756	2.32
				.700	-1.74		

ALPHA = .41 DEGREES DYNAMIC PRESSURE = 10.918 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.51	0.000	-1.76	.025	-2.67	.025	-4.05
.150	.53	.029	-3.10	.050	-3.27	.050	-3.19
.200	.08	.057	-2.55	.075	-3.81	.100	-2.93
.300	-.45	.086	-2.11	.100	-3.95	.150	-2.69
.400	-.72	.114	-1.82	.149	-4.04	.200	-2.54
.500	-1.20	.172	-1.46	.200	-4.01	.250	-2.30
.600	-1.29	.229	-1.46	.250	-4.02	.300	-2.10
.700	-1.18	.286	-1.35	.300	-3.99	.400	-1.70
.800	-1.03	.343	-1.16	.350	-3.90	.500	-1.45
		.400	-1.09	.400	-3.54	.600	-1.25
		.458	-1.06	.500	-2.77	.703	-1.16
		.571	-1.12	.600	-2.42	.826	-1.03
		.686	-1.23	.700	-2.09		
		.801	-1.32	.800	-1.75		
		.915	-1.63				
		.967	-1.90				
		.994	-1.98				
			LOWER	SURFACE			
.075	-.34	.029	.96	.025	-.61	.025	.13
.150	-.21	.057	.94	.050	-.10	.050	.89
.200	-.15	.086	.75	.075	.31	.100	1.08
.300	-.16	.114	.66	.100	.57	.150	1.30
.400	-.39	.172	.51	.150	.87	.200	1.35
.500	-.40	.229	.51	.200	.92	.250	1.43
.600	.00	.286	.42	.250	.98	.300	1.44
.700	.17	.343	.43	.300	.96	.400	1.65
.861	.37	.400	.40	.350	.88	.500	1.19
		.458	.41	.400	.83	.600	1.83
		.571	.42	.500	.76	.703	2.36
		.686	.45	.600	-2.42	.756	2.51
				.700	-1.75		

ALPHA = 2.50 DEGREES DYNAMIC PRESSURE = 10.899 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.47	0.000	-.86	.025	-2.77	.025	-3.96
.150	-.25	.029	-3.48	.050	-3.37	.050	-3.39
.200	-.98	.057	-2.87	.075	-3.91	.100	-2.98
.300	-1.24	.086	-2.37	.100	-4.06	.150	-2.78
.400	-1.27	.114	-2.01	.149	-4.20	.200	-2.52
.500	-1.49	.172	-1.50	.200	-4.11	.250	-2.37
.600	-1.68	.229	-1.61	.250	-4.17	.300	-2.14
.700	-1.77	.286	-1.41	.300	-4.14	.400	-1.78
.800	-1.36	.343	-1.40	.350	-3.95	.500	-1.41
		.400	-1.17	.400	-3.71	.600	-1.25
		.458	-1.25	.500	-2.93	.703	-1.10
		.571	-1.24	.600	-2.45	.826	-1.00
		.686	-1.27	.700	-2.12		
		.801	-1.34	.800	-1.81		
		.915	-1.69				
		.967	-1.98				
		.994	-2.18				
			LOWER	SURFACE			
.075	.02	.029	.99	.025	-.59	.025	.16
.150	.08	.057	.92	.050	-.11	.050	.89
.200	-.05	.086	.81	.075	.31	.100	1.10
.300	.05	.114	.67	.100	.61	.150	1.38
.400	-.19	.172	.57	.150	.86	.200	1.40
.500	-.50	.229	.54	.200	.92	.250	1.45
.600	.39	.286	.48	.250	.99	.300	1.49
.700	.38	.343	.46	.300	.95	.400	1.69
.861	.25	.400	.50	.350	.91	.500	1.26
		.458	.48	.400	.90	.600	1.92
		.571	.46	.500	.81	.703	2.50
		.686	.50	.600	-2.47	.756	2.47
				.700	-1.75		

ALPHA = 4.45 DEGREES DYNAMIC PRESSURE = 10.889 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.01	0.000	-.82	.025	-2.87	.025	-4.04
.150	-.68	.029	-4.08	.050	-3.49	.050	-3.45
.200	-1.02	.057	-3.15	.075	-4.11	.100	-3.06
.300	-1.51	.086	-2.51	.100	-4.29	.150	-2.80
.400	-1.87	.114	-2.13	.149	-4.31	.200	-2.61
.500	-1.98	.172	-1.79	.200	-4.18	.250	-2.32
.600	-2.12	.229	-1.78	.250	-4.28	.300	-2.10
.700	-1.86	.286	-1.55	.300	-4.09	.400	-1.82
.800	-1.65	.343	-1.43	.350	-3.94	.500	-1.46
		.400	-1.26	.400	-3.67	.600	-1.31
		.458	-1.27	.500	-2.96	.703	-1.12
		.571	-1.28	.600	-2.48	.826	-1.04
		.686	-1.33	.700	-2.20		
		.801	-1.42	.800	-1.88		
		.915	-1.73				
		.967	-1.98				
		.994	-2.20				
			LOWER	SURFACE			
.075	.09	.029	1.01	.025	-.54	.025	.04
.150	.29	.057	.89	.050	-.07	.050	.97
.200	.17	.086	.85	.075	.33	.100	1.10
.300	.52	.114	.77	.100	.48	.150	1.44
.400	.30	.172	.59	.150	.85	.200	1.37
.500	.65	.229	.68	.200	.93	.250	1.55
.600	.66	.286	.59	.250	.93	.300	1.61
.700	.51	.343	.54	.300	.95	.400	1.67
.861	.33	.400	.56	.350	.90	.500	1.25
		.458	.55	.400	.91	.600	1.91
		.571	.52	.500	.82	.703	2.39
		.686	.56	.600	-2.37	.756	2.51
				.700	-1.83		

ALPHA = 6.64 DEGREES DYNAMIC PRESSURE = 10.897 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.64	0.000	-.49	.025	-2.85	.025	-4.20
.150	-1.58	.029	-4.35	.050	-3.49	.050	-3.49
.200	-1.99	.057	-3.68	.075	-4.11	.100	-3.01
.300	-2.40	.086	-2.64	.100	-4.19	.150	-2.77
.400	-3.49	.114	-2.45	.149	-4.29	.200	-2.65
.500	-2.21	.172	-2.00	.200	-4.32	.250	-2.47
.600	-2.68	.229	-1.88	.250	-4.28	.300	-2.18
.700	-2.51	.286	-1.82	.300	-4.13	.400	-1.80
.800	-2.13	.343	-1.57	.350	-4.00	.500	-1.47
		.400	-1.40	.400	-3.75	.600	-1.27
		.458	-1.41	.500	-2.98	.703	-1.06
		.571	-1.40	.600	-2.54	.826	-1.07
		.686	-1.41	.700	-2.18		
		.801	-1.51	.800	-1.83		
		.915	-1.85				
		.967	-2.13				
		.994	-2.29				
			LOWER	SURFACE			
.075	.44	.029	.98	.025	-.57	.025	.20
.150	.54	.057	.93	.050	-.08	.050	.96
.200	.53	.086	.87	.075	.30	.100	1.14
.300	.58	.114	.83	.100	.58	.150	1.34
.400	.65	.172	.68	.150	.85	.200	1.40
.500	.75	.229	.61	.200	.94	.250	1.39
.600	.70	.286	.63	.250	.96	.300	1.56
.700	.62	.343	.59	.300	.98	.400	1.78
.861	.24	.400	.54	.350	.98	.500	1.43
		.458	.57	.400	.93	.600	2.08
		.571	.57	.500	.89	.703	2.82
		.686	.58	.600	-2.39	.756	2.77
				.700	-1.62		

ALPHA = 8.54 DEGREES DYNAMIC PRESSURE = 10.962 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.88	0.000	-.58	.025	-2.85	.025	-4.06
.150	-1.69	.029	-4.48	.050	-3.41	.050	-3.31
.200	-2.35	.057	-4.22	.075	-4.11	.100	-2.99
.300	-2.96	.086	-2.97	.100	-4.17	.150	-2.81
.400	-3.09	.114	-2.65	.149	-4.29	.200	-2.68
.500	-3.06	.172	-2.25	.200	-4.22	.250	-2.37
.600	-2.95	.229	-2.08	.250	-4.20	.300	-2.15
.700	-2.93	.286	-1.90	.300	-4.19	.400	-1.84
.800	-2.76	.343	-1.67	.350	-3.93	.500	-1.51
		.400	-1.54	.400	-3.68	.600	-1.26
		.458	-1.57	.500	-2.96	.703	-1.14
		.571	-1.50	.600	-2.51	.826	-1.06
		.686	-1.49	.700	-2.09		
		.801	-1.58	.800	-1.71		
		.915	-1.87				
		.967	-2.21				
		.994	-2.33				
			LOWER	SURFACE			
.075	.75	.029	1.04	.025	-.46	.025	.15
.150	.55	.057	.99	.050	.07	.050	.95
.200	.81	.086	.91	.075	-.44	.100	1.22
.300	.66	.114	.86	.100	.70	.150	1.37
.400	.77	.172	.74	.150	.95	.200	1.52
.500	.75	.229	.68	.200	1.03	.250	1.66
.600	.75	.286	.70	.250	1.04	.300	1.62
.700	.63	.343	.66	.300	1.08	.400	1.89
.861	.21	.400	.64	.350	1.04	.500	1.42
		.458	.60	.400	1.05	.600	2.17
		.571	.59	.500	.89	.703	2.71
		.686	.62	.600	-2.31	.756	2.57
				.700	-1.61		

ALPHA = 10.47 DEGREES DYNAMIC PRESSURE = 10.962 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.28	0.000	-.71	.025	-2.98	.025	-3.91
.150	-2.69	.029	-5.10	.050	-3.63	.050	-3.53
.200	-2.86	.057	-4.45	.075	-4.16	.100	-3.06
.300	-3.68	.086	-3.35	.100	-4.30	.150	-2.92
.400	-3.79	.114	-3.03	.149	-4.30	.200	-2.65
.500	-4.00	.172	-2.36	.200	-4.29	.250	-2.52
.600	-3.70	.229	-2.21	.250	-4.26	.300	-2.21
.700	-3.32	.286	-2.01	.300	-4.34	.400	-1.85
.800	-3.15	.343	-1.76	.350	-4.16	.500	-1.50
		.400	-1.61	.400	-3.78	.600	-1.26
		.458	-1.59	.500	-3.04	.703	-1.13
		.571	-1.49	.600	-2.62	.826	-1.02
		.686	-1.56	.700	-2.17		
		.801	-1.62	.800	-1.90		
		.915	-1.89				
		.967	-2.21				
		.994	-2.34				
			LOWER	SURFACE			
.075	.82	.029	.99	.025	-.38	.025	.17
.150	.80	.057	.97	.050	.08	.050	1.01
.200	.84	.086	.94	.075	.35	.100	1.22
.300	.78	.114	.92	.100	.52	.150	1.47
.400	.75	.172	.84	.150	.81	.200	1.63
.500	.75	.229	.78	.200	.90	.250	1.79
.600	.71	.286	.73	.250	.95	.300	1.74
.700	.60	.343	.72	.300	.98	.400	1.87
.861	.12	.400	.71	.350	.98	.500	1.48
		.458	.67	.400	.94	.600	2.33
		.571	.62	.500	.95	.703	2.80
		.686	.67	.600	-2.39	.756	3.11
				.700	-1.80		

ALPHA = 12.42 DEGREES DYNAMIC PRESSURE = 10.928 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.36	0.000	-.98	.025	-2.99	.025	-3.99
.150	-4.06	.029	-5.67	.050	-3.70	.050	-3.59
.200	-4.70	.057	-4.64	.075	-4.16	.100	-3.10
.300	-4.50	.086	-3.56	.100	-4.40	.150	-2.83
.400	-4.43	.114	-3.07	.149	-4.22	.200	-2.71
.500	-3.96	.172	-2.44	.200	-4.26	.250	-2.49
.600	-3.94	.229	-2.27	.250	-4.35	.300	-2.20
.700	-4.07	.286	-2.10	.300	-4.31	.400	-1.85
.800	-3.34	.343	-1.93	.350	-4.15	.500	-1.38
		.400	-1.60	.400	-3.75	.600	-1.27
		.458	-1.66	.500	-3.00	.703	-1.10
		.571	-1.62	.600	-2.37	.826	-1.07
		.686	-1.65	.700	-2.18		
		.801	-1.65	.800	-1.84		
		.915	-1.98				
		.967	-2.09				
		.994	-2.40				
			LOWER	SURFACE			
.075	.98	.029	.97	.025	-.36	.025	.14
.150	.94	.057	1.00	.050	.05	.050	1.06
.200	.89	.086	.95	.075	.36	.100	1.22
.300	.87	.114	.92	.100	.62	.150	1.50
.400	.82	.172	.83	.150	.86	.200	1.63
.500	.78	.229	.80	.200	.97	.250	1.73
.600	.78	.286	.74	.250	1.01	.300	1.87
.700	.68	.343	.75	.300	.95	.400	2.07
.861	.05	.400	.72	.350	.95	.500	1.80
		.458	.68	.400	.99	.600	2.72
		.571	.66	.500	.96	.703	3.28
		.686	.66	.600	-2.45	.756	3.19
				.700	-1.63		

ALPHA = 14.35 DEGREES DYNAMIC PRESSURE = 10.928 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-4.30	0.000	-.99	.025	-2.99	.025	-4.20
.150	-4.85	.029	-4.93	.050	-2.91	.050	-3.49
.200	-4.38	.057	-4.23	.075	-4.19	.100	-2.88
.300	-4.91	.086	-3.69	.100	-4.19	.150	-2.96
.400	-4.61	.114	-3.31	.149	-4.35	.200	-2.77
.500	-4.68	.172	-2.57	.200	-3.19	.250	-2.52
.600	-4.62	.229	-2.47	.250	-4.23	.300	-2.22
.700	-4.22	.286	-2.22	.300	-4.12	.400	-1.82
.800	-3.49	.343	-1.98	.350	-4.04	.500	-1.25
		.400	-1.76	.400	-3.77	.600	-1.27
		.458	-1.68	.500	-2.92	.703	-1.17
		.571	-1.63	.600	-1.89	.826	-1.07
		.686	-1.65	.700	-2.19		
		.801	-1.70	.800	-1.72		
		.915	-1.99				
		.967	-1.84				
		.994	-2.38				
			LOWER	SURFACE			
.075	1.02	.029	.92	.025	-.19	.025	.20
.150	.91	.057	.93	.050	.20	.050	1.05
.200	.90	.086	.97	.075	.37	.100	1.29
.300	.84	.114	.96	.100	.61	.150	1.53
.400	.83	.172	.88	.150	.87	.200	1.74
.500	.79	.229	.85	.200	.97	.250	1.71
.600	.76	.286	.82	.250	1.00	.300	1.97
.700	.62	.343	.82	.300	1.05	.400	2.15
.861	.04	.400	.79	.350	.99	.500	1.86
		.458	.72	.400	.99	.600	2.71
		.571	.73	.500	1.03	.703	3.32
		.686	.69	.600	-2.41	.756	3.76
				.700	-1.74		

ALPHA = 16.25 DEGREES DYNAMIC PRESSURE = 10.956 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-4.01	0.000	-.88	.025	-2.17	.025	-4.42
.150	-4.57	.029	-5.99	.050	-2.44	.050	-3.65
.200	-4.71	.057	-4.20	.075	-3.34	.100	-2.92
.300	-5.29	.086	-3.26	.100	-2.68	.150	-2.84
.400	-4.81	.114	-3.10	.149	-2.89	.200	-2.62
.500	-4.66	.172	-2.12	.200	-2.43	.250	-2.41
.600	-4.81	.229	-2.14	.250	-2.72	.300	-2.11
.700	-3.98	.286	-1.82	.300	-2.31	.400	-1.66
.800	-3.25	.343	-1.73	.350	-2.85	.500	-1.32
		.400	-1.48	.400	-2.19	.600	-1.20
		.458	-1.41	.500	-2.04	.703	-1.38
		.571	-1.61	.600	-1.93	.826	-1.29
		.686	-1.33	.700	-1.62		
		.801	-1.35	.800	-1.43		
		.915	-1.59				
		.967	-1.88				
		.994	-1.85				
			LOWER	SURFACE			
.075	1.02	.029	.92	.025	-.35	.025	.15
.150	.95	.057	.99	.050	.21	.050	1.03
.200	.94	.086	.93	.075	.43	.100	1.32
.300	.89	.114	.95	.100	.68	.150	1.48
.400	.84	.172	.88	.150	.87	.200	1.74
.500	.82	.229	.84	.200	.97	.250	1.76
.600	.77	.286	.83	.250	1.00	.300	1.94
.700	.65	.343	.80	.300	1.02	.400	2.38
.861	.10	.400	.76	.350	1.00	.500	1.78
		.458	.73	.400	1.01	.600	2.65
		.571	.74	.500	1.03	.703	3.34
		.686	.67	.600	-2.37	.756	3.43
				.700	-1.83		

ALPHA = 18.13 DEGREES DYNAMIC PRESSURE = 10.969 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-5.12	0.000	-1.38	.025	-1.94	.025	-4.34
.150	-4.86	.029	-5.37	.050	-2.55	.050	-3.85
.200	-4.87	.057	-4.32	.075	-2.81	.100	-3.04
.300	-5.05	.086	-3.27	.100	-2.28	.150	-3.00
.400	-4.65	.114	-2.89	.149	-3.00	.200	-2.79
.500	-4.39	.172	-2.16	.200	-2.48	.250	-2.42
.600	-4.41	.229	-2.09	.250	-2.26	.300	-2.11
.700	-3.79	.286	-1.85	.300	-2.52	.400	-1.77
.800	-2.99	.343	-1.57	.350	-2.12	.500	-1.41
		.400	-1.32	.400	-1.86	.600	-1.41
		.458	-1.34	.500	-1.66	.703	-1.49
		.571	-1.35	.600	-1.49	.826	-1.60
		.686	-1.16	.700	-1.51		
		.801	-1.31	.800	-1.40		
		.915	-1.35				
		.967	-1.41				
		.994	-1.51				
			LOWER	SURFACE			
.075	.94	.029	.87	.025	-.21	.025	.07
.150	.95	.057	.97	.050	.19	.050	1.15
.200	.95	.086	.97	.075	.42	.100	1.27
.300	.88	.114	.94	.100	.66	.150	1.57
.400	.87	.172	.92	.150	.91	.200	1.65
.500	.82	.229	.86	.200	.93	.250	2.08
.600	.75	.286	.80	.250	.97	.300	1.99
.700	.64	.343	.85	.300	.99	.400	2.36
.861	.11	.400	.81	.350	.98	.500	1.92
		.458	.80	.400	.97	.600	2.84
		.571	.71	.500	.85	.703	3.20
		.686	.73	.600	-2.75	.756	3.50
				.700	-1.81		

ALPHA = 19.95 DEGREES DYNAMIC PRESSURE = 10.915 LBF/SQ.FT.

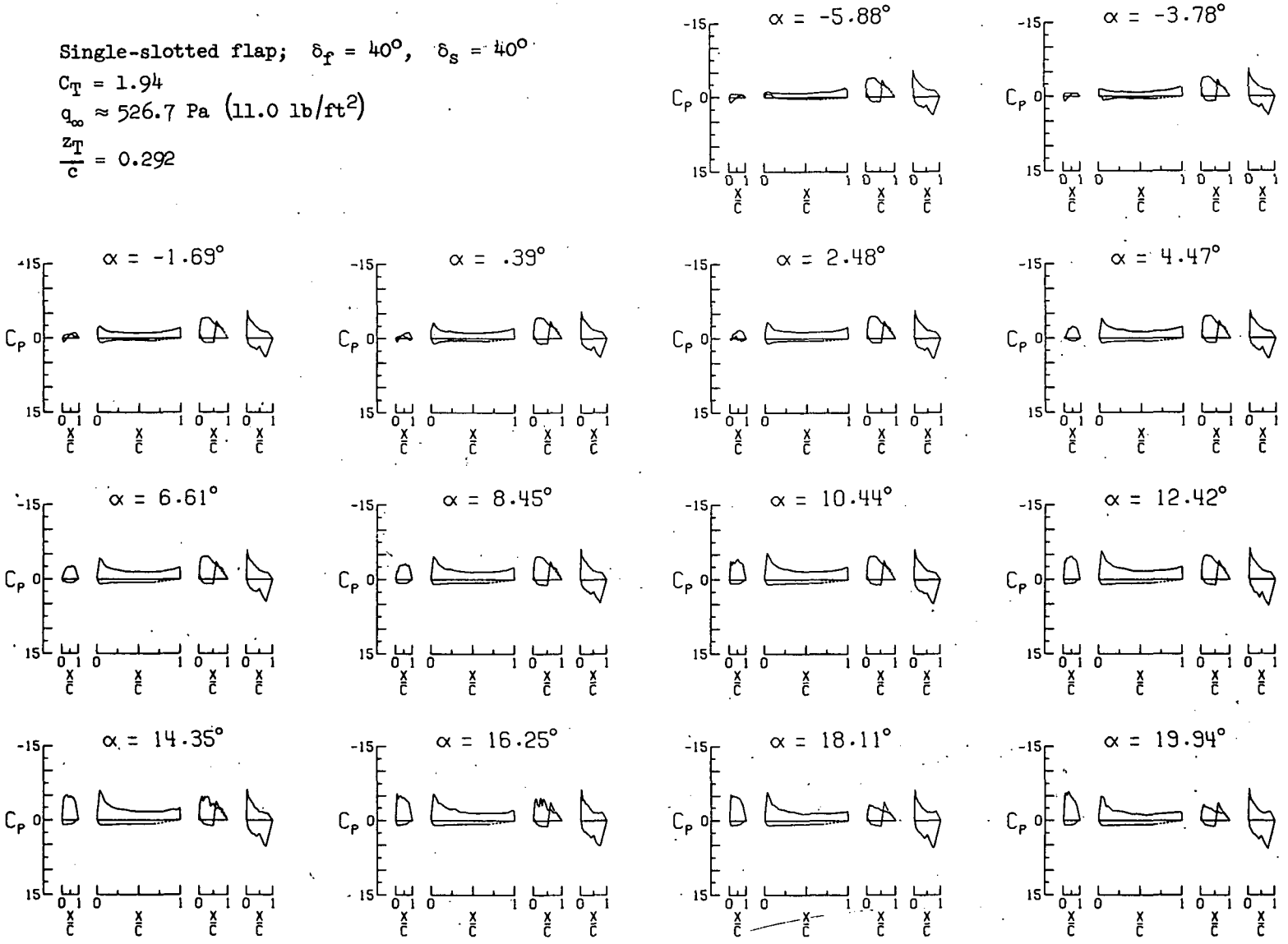
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-5.90	0.000	-1.37	.025	-1.77	.025	-4.54
.150	-6.09	.029	-5.35	.050	-1.86	.050	-3.78
.200	-5.42	.057	-4.11	.075	-2.88	.100	-3.15
.300	-5.04	.086	-2.87	.100	-2.35	.150	-2.87
.400	-4.65	.114	-2.45	.149	-2.19	.200	-2.69
.500	-4.56	.172	-1.55	.200	-1.72	.250	-2.46
.600	-3.97	.229	-1.88	.250	-1.97	.300	-1.99
.700	-3.73	.286	-1.71	.300	-2.03	.400	-1.70
.800	-3.05	.343	-1.38	.350	-2.23	.500	-1.43
		.400	-1.31	.400	-1.99	.600	-1.41
		.458	-1.23	.500	-1.77	.703	-1.40
		.571	-.99	.600	-1.57	.826	-1.59
		.686	-1.18	.700	-1.38		
		.801	-1.12	.800	-1.29		
		.915	-1.18				
		.967	-1.55				
		.994	-1.68				
			LOWER	SURFACE			
.075	.87	.029	.87	.025	-.15	.025	.30
.150	.96	.057	1.00	.050	.33	.050	1.17
.200	.98	.086	.97	.075	.51	.100	1.34
.300	.94	.114	.97	.100	.69	.150	1.58
.400	.85	.172	.98	.150	.93	.200	1.67
.500	.86	.229	.86	.200	.99	.250	1.86
.600	.79	.286	.88	.250	1.00	.300	1.88
.700	.66	.343	.85	.300	1.03	.400	2.32
.861	.11	.400	.82	.350	.97	.500	1.86
		.458	.82	.400	1.05	.600	2.95
		.571	.79	.500	.96	.703	3.50
		.686	.78	.600	-2.63	.756	3.55
				.700	-1.68		

Single-slotted flap; $\delta_f = 40°$, $\delta_s = 40°$

$C_T = 1.94$

$q_\infty \approx 526.7$ Pa (11.0 lb/ft^2)

$\frac{z_T}{c} = 0.292$



ALPHA = -5.89 DEGREES DYNAMIC PRESSURE = 11.048 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.08	0.000	-.80	.025	-2.53	.025	-5.56
.150	1.01	.029	-1.10	.050	-3.12	.050	-4.76
.200	.78	.057	-1.21	.075	-3.63	.100	-4.03
.300	.38	.086	-.96	.100	-3.75	.150	-3.55
.400	.15	.114	-.89	.149	-3.82	.200	-3.39
.500	-.12	.172	-.90	.200	-3.83	.250	-3.00
.600	-.36	.229	-.83	.250	-3.91	.300	-2.62
.700	-.41	.286	-.84	.300	-3.92	.400	-2.09
.800	-.53	.343	-.88	.350	-3.87	.500	-1.66
		.400	-.78	.400	-3.54	.600	-1.44
		.458	-.75	.500	-2.91	.703	-1.30
		.571	-.83	.600	-2.53	.826	-1.27
		.686	-1.00	.700	-2.24		
		.801	-1.05	.800	-1.90		
		.915	-1.52				
		.967	-1.78				
		.994	-1.94				
			LOWER	SURFACE			
.075	-.60	.029	-.74	.025	-.75	.025	-.28
.150	-.63	.057	-.62	.050	-.42	.050	.86
.200	-.73	.086	-.64	.075	.04	.100	1.17
.300	-.60	.114	-.15	.100	.36	.150	1.54
.400	-.63	.172	.09	.150	.70	.200	1.69
.500	-.64	.229	.15	.200	.89	.250	1.80
.600	-.62	.286	.20	.250	.93	.300	1.84
.700	-.57	.343	.18	.300	.93	.400	2.09
.861	-.47	.400	.19	.350	.86	.500	1.56
		.458	.22	.400	.88	.600	2.74
		.571	.31	.500	.96	.703	3.42
		.686	.37	.600	-3.55	.756	3.69
				.700	-2.26		

ALPHA = -3.79 DEGREES DYNAMIC PRESSURE = 10.907 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.03	0.000	-1.53	.025	-2.55	.025	-5.80
.150	.82	.029	-1.52	.050	-3.18	.050	-4.70
.200	.52	.057	-1.41	.075	-3.80	.100	-3.97
.300	.16	.086	-1.26	.100	-3.82	.150	-3.49
.400	-.17	.114	-1.18	.149	-3.95	.200	-3.18
.500	-.52	.172	-1.06	.200	-3.88	.250	-2.89
.600	-.66	.229	-.96	.250	-4.09	.300	-2.66
.700	-.58	.286	-1.07	.300	-3.95	.400	-2.10
.800	-.74	.343	-.91	.350	-3.88	.500	-1.68
		.400	-.92	.400	-3.58	.600	-1.45
		.458	-.87	.500	-2.95	.703	-1.32
		.571	-.95	.600	-2.55	.826	-1.31
		.686	-1.09	.700	-2.28		
		.801	-1.19	.800	-1.95		
		.915	-1.56				
		.967	-1.82				
		.994	-2.04				
			LOWER	SURFACE			
.075	-.62	.029	-.15	.025	-.73	.025	-.16
.150	-.67	.057	.78	.050	-.29	.050	.87
.200	-.67	.086	.57	.075	.07	.100	1.24
.300	-.71	.114	.61	.100	.41	.150	1.58
.400	-.71	.172	.42	.150	.77	.200	1.63
.500	-.72	.229	.26	.200	.88	.250	1.80
.600	-.69	.286	.22	.250	.94	.300	1.89
.700	-.56	.343	.29	.300	.91	.400	2.24
.861	-.48	.400	.42	.350	.91	.500	1.56
		.458	.29	.400	.84	.600	2.73
		.571	.34	.500	.88	.703	3.30
		.686	.47	.600	-3.54	.756	3.88
				.700	-2.28		

ALPHA = -1.69 DEGREES DYNAMIC PRESSURE = 10.940 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.91	0.000	-2.04	.025	-2.63	.025	-5.67
.150	.58	.029	-2.43	.050	-3.33	.050	-4.84
.200	.27	.057	-1.96	.075	-3.89	.100	-3.92
.300	-.09	.086	-1.69	.100	-3.97	.150	-3.58
.400	-.50	.114	-1.45	.149	-4.04	.200	-3.36
.500	-.83	.172	-1.22	.200	-4.04	.250	-3.13
.600	-.97	.229	-1.32	.250	-4.20	.300	-2.68
.700	-1.04	.286	-1.19	.300	-4.18	.400	-2.19
.800	-1.06	.343	-1.08	.350	-3.99	.500	-1.68
		.400	-1.08	.400	-3.72	.600	-1.46
		.458	-1.04	.500	-3.05	.703	-1.36
		.571	-1.09	.600	-2.60	.826	-1.28
		.686	-1.18	.700	-2.30		
		.801	-1.31	.800	-1.98		
		.915	-1.65				
		.967	-1.93				
		.994	-2.14				
			LOWER	SURFACE			
.075	-.46	.029	.85	.025	-.76	.025	-.31
.150	-.54	.057	.89	.050	-.33	.050	1.00
.200	-.61	.086	.72	.075	.10	.100	1.24
.300	-.67	.114	.58	.100	.37	.150	1.63
.400	-.70	.172	.40	.150	.70	.200	1.74
.500	-.70	.229	.30	.200	.81	.250	1.91
.600	-.64	.286	.26	.250	.93	.300	1.91
.700	-.36	.343	.36	.300	.95	.400	2.28
.861	-.25	.400	.31	.350	.89	.500	1.58
		.458	.31	.400	.85	.600	2.80
		.571	.38	.500	.94	.703	3.66
		.686	.44	.600	-3.46	.756	3.70
				.700	-2.52		

ALPHA = .39 DEGREES DYNAMIC PRESSURE = 10.984 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.73	0.000	-1.77	.025	-2.87	.025	-5.57
.150	.27	.029	-3.28	.050	-3.44	.050	-4.80
.200	.11	.057	-2.51	.075	-4.01	.100	-4.00
.300	-.38	.086	-1.99	.100	-4.18	.150	-3.74
.400	-.80	.114	-1.68	.149	-4.30	.200	-3.42
.500	-.96	.172	-1.44	.200	-4.27	.250	-3.07
.600	-1.15	.229	-1.50	.250	-4.28	.300	-2.70
.700	-1.13	.286	-1.32	.300	-4.25	.400	-2.17
.800	-1.29	.343	-1.28	.350	-4.20	.500	-1.71
		.400	-1.17	.400	-3.89	.600	-1.52
		.458	-1.11	.500	-3.11	.703	-1.36
		.571	-1.14	.600	-2.66	.826	-1.27
		.686	-1.22	.700	-2.40		
		.801	-1.38	.800	-2.03		
		.915	-1.74				
		.967	-2.01				
		.994	-2.23				
			LOWER	SURFACE			
.075	-.33	.029	.98	.025	-.75	.025	-.25
.150	-.27	.057	.92	.050	-.29	.050	.96
.200	-.45	.086	.72	.075	.06	.100	1.21
.300	-.48	.114	.58	.100	.38	.150	1.57
.400	-.81	.172	.49	.150	.75	.200	1.72
.500	-.51	.229	.35	.200	.88	.250	2.03
.600	-.24	.286	.39	.250	.97	.300	2.01
.700	-.24	.343	.37	.300	.87	.400	2.31
.861	.37	.400	.39	.350	.91	.500	1.57
		.458	.41	.400	.87	.600	2.77
		.571	.44	.500	.86	.703	3.53
		.686	.47	.600	-3.54	.756	3.84
				.700	-2.39		

ALPHA = 2.49 DEGREES DYNAMIC PRESSURE = 10.959 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.30	0.000	-1.07	.025	-2.92	.025	-5.76
.150	-.05	.029	-3.41	.050	-3.60	.050	-4.97
.200	-.88	.057	-2.93	.075	-4.09	.100	-4.21
.300	-1.03	.086	-2.32	.100	-4.22	.150	-3.62
.400	-1.25	.114	-1.89	.149	-4.41	.200	-3.40
.500	-1.70	.172	-1.71	.200	-4.38	.250	-3.12
.600	-1.67	.229	-1.54	.250	-4.39	.300	-2.74
.700	-1.66	.286	-1.56	.300	-4.43	.400	-2.21
.800	-1.37	.343	-1.43	.350	-4.29	.500	-1.71
		.400	-1.26	.400	-4.00	.600	-1.55
		.458	-1.26	.500	-3.21	.703	-1.36
		.571	-1.27	.600	-2.72	.826	-1.29
		.686	-1.39	.700	-2.47		
		.801	-1.43	.800	-2.12		
		.915	-1.83				
		.967	-2.11				
		.994	-2.33				
			LOWER	SURFACE			
.075	-.06	.029	.98	.025	-.69	.025	-.25
.150	-.16	.057	.92	.050	-.26	.050	.98
.200	-.10	.086	.75	.075	.09	.100	1.33
.300	-.29	.114	.67	.100	.36	.150	1.65
.400	-.60	.172	.54	.150	.62	.200	1.77
.500	.31	.229	.55	.200	.91	.250	1.99
.600	-.03	.286	.44	.250	.86	.300	1.90
.700	.54	.343	.45	.300	.90	.400	2.42
.861	.31	.400	.45	.350	.94	.500	1.77
		.458	.43	.400	.88	.600	2.94
		.571	.50	.500	.95	.703	4.00
		.686	.50	.600	-3.58	.756	4.00
				.700	-2.38		

ALPHA = 4.47 DEGREES DYNAMIC PRESSURE = 10.899 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.08	0.000	-.51	.025	-3.05	.025	-5.71
.150	-.56	.029	-4.07	.050	-3.67	.050	-5.00
.200	-1.03	.057	-3.18	.075	-4.19	.100	-4.06
.300	-1.99	.086	-2.68	.100	-4.45	.150	-3.80
.400	-1.78	.114	-2.34	.149	-4.53	.200	-3.63
.500	-2.40	.172	-1.95	.200	-4.41	.250	-3.18
.600	-2.19	.229	-1.74	.250	-4.57	.300	-2.78
.700	-2.12	.286	-1.76	.300	-4.62	.400	-2.23
.800	-1.87	.343	-1.52	.350	-4.46	.500	-1.79
		.400	-1.38	.400	-3.99	.600	-1.59
		.458	-1.40	.500	-3.29	.703	-1.44
		.571	-1.35	.600	-2.79	.826	-1.36
		.686	-1.48	.700	-2.53		
		.801	-1.55	.800	-2.15		
		.915	-1.92				
		.967	-2.14				
		.994	-2.36				
			LOWER	SURFACE			
.075	-.18	.029	1.00	.025	-.67	.025	-.20
.150	.12	.057	.96	.050	-.32	.050	1.00
.200	-.04	.086	.83	.075	.01	.100	1.27
.300	.42	.114	.72	.100	.33	.150	1.71
.400	.45	.172	.68	.150	.65	.200	1.74
.500	.60	.229	.61	.200	.83	.250	2.06
.600	.58	.286	.59	.250	.86	.300	2.19
.700	.57	.343	.54	.300	.93	.400	2.52
.861	.23	.400	.53	.350	.88	.500	1.78
		.458	.50	.400	.92	.600	3.12
		.571	.58	.500	.87	.703	4.00
		.686	.60	.600	-3.59	.756	4.06
				.700	-2.52		

ALPHA = 6.62 DEGREES DYNAMIC PRESSURE = 10.883 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.79	0.000	-.48	.025	-3.08	.025	-6.06
.150	-1.46	.029	-4.28	.050	-3.84	.050	-5.06
.200	-1.89	.057	-3.82	.075	-4.31	.100	-4.22
.300	-2.32	.086	-2.92	.100	-4.48	.150	-3.79
.400	-2.50	.114	-2.47	.149	-4.54	.200	-3.65
.500	-2.31	.172	-2.15	.200	-4.57	.250	-3.27
.600	-2.67	.229	-1.97	.250	-4.56	.300	-2.87
.700	-2.62	.286	-1.76	.300	-4.60	.400	-2.32
.800	-2.16	.343	-1.59	.350	-4.42	.500	-1.78
		.400	-1.48	.400	-4.05	.600	-1.58
		.458	-1.51	.500	-3.37	.703	-1.38
		.571	-1.50	.600	-2.84	.826	-1.34
		.686	-1.50	.700	-2.53		
		.801	-1.60	.800	-2.17		
		.915	-1.96				
		.967	-2.25				
		.994	-2.45				
			LOWER	SURFACE			
.075	.47	.029	.93	.025	-.74	.025	-.04
.150	.33	.057	.92	.050	-.23	.050	.99
.200	.49	.086	.81	.075	.09	.100	1.33
.300	.66	.114	.85	.100	.47	.150	1.82
.400	.64	.172	.65	.150	.67	.200	1.92
.500	.72	.229	.68	.200	.92	.250	2.27
.600	.73	.286	.60	.250	.93	.300	2.29
.700	.62	.343	.56	.300	.96	.400	2.52
.861	.24	.400	.58	.350	.90	.500	1.89
		.458	.58	.400	.90	.600	3.10
		.571	.58	.500	.97	.703	4.18
		.686	.55	.600	-3.58	.756	4.51
				.700	-2.39		

ALPHA = 8.45 DEGREES DYNAMIC PRESSURE = 10.950 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.88	0.000	-.56	.025	-3.13	.025	-6.28
.150	-1.56	.029	-4.68	.050	-3.87	.050	-4.86
.200	-2.76	.057	-4.15	.075	-4.40	.100	-4.37
.300	-2.87	.086	-3.19	.100	-4.61	.150	-3.91
.400	-2.94	.114	-2.83	.149	-4.68	.200	-3.62
.500	-2.95	.172	-2.13	.200	-4.61	.250	-3.28
.600	-3.18	.229	-2.14	.250	-4.60	.300	-2.80
.700	-2.73	.286	-1.92	.300	-4.52	.400	-2.33
.800	-2.91	.343	-1.74	.350	-4.44	.500	-1.82
		.400	-1.63	.400	-4.06	.600	-1.56
		.458	-1.50	.500	-3.42	.703	-1.44
		.571	-1.54	.600	-2.93	.826	-1.36
		.686	-1.55	.700	-2.49		
		.801	-1.65	.800	-2.21		
		.915	-1.99				
		.967	-2.36				
		.994	-2.51				
			LOWER	SURFACE			
.075	.59	.029	.99	.025	-.67	.025	-.00
.150	.57	.057	.95	.050	-.14	.050	1.10
.200	.72	.086	.90	.075	.18	.100	1.48
.300	.72	.114	.83	.100	.39	.150	1.85
.400	.70	.172	.76	.150	.75	.200	1.96
.500	.71	.229	.68	.200	.88	.250	2.30
.600	.72	.286	.64	.250	.93	.300	2.38
.700	.63	.343	.65	.300	.99	.400	2.86
.861	.21	.400	.62	.350	.95	.500	2.35
		.458	.62	.400	1.02	.600	3.57
		.571	.59	.500	1.07	.703	4.24
		.686	.61	.600	-3.71	.756	4.73
				.700	-2.36		

ALPHA = 10.44 DEGREES DYNAMIC PRESSURE = 10.906 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.80	0.000	-.79	.025	-3.20	.025	-6.16
.150	-2.88	.029	-5.44	.050	-3.77	.050	-5.39
.200	-3.60	.057	-4.49	.075	-4.41	.100	-4.31
.300	-3.21	.086	-3.56	.100	-4.60	.150	-3.94
.400	-3.75	.114	-3.09	.149	-4.65	.200	-3.60
.500	-4.19	.172	-2.48	.200	-4.64	.250	-3.38
.600	-3.55	.229	-2.17	.250	-4.76	.300	-2.92
.700	-3.37	.286	-2.09	.300	-4.64	.400	-2.35
.800	-3.23	.343	-1.85	.350	-4.53	.500	-1.85
		.400	-1.73	.400	-4.01	.600	-1.60
		.458	-1.71	.500	-3.40	.703	-1.46
		.571	-1.61	.600	-2.93	.826	-1.31
		.686	-1.66	.700	-2.58		
		.801	-1.75	.800	-2.11		
		.915	-2.10				
		.967	-2.43				
		.994	-2.56				
			LOWER	SURFACE			
.075	.87	.029	.87	.025	-.65	.025	-.09
.150	.79	.057	.98	.050	-.10	.050	1.13
.200	.79	.086	.97	.075	.14	.100	1.51
.300	.79	.114	.84	.100	.44	.150	1.94
.400	.81	.172	.80	.150	.74	.200	2.19
.500	.76	.229	.82	.200	.85	.250	2.36
.600	.71	.286	.71	.250	.93	.300	2.30
.700	.62	.343	.72	.300	1.01	.400	2.76
.861	.14	.400	.66	.350	1.04	.500	2.62
		.458	.67	.400	.98	.600	3.85
		.571	.62	.500	1.10	.703	4.83
		.686	.63	.600	-3.90	.756	4.89
				.700	-2.45		

ALPHA = 12.43 DEGREES DYNAMIC PRESSURE = 10.864 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.72	0.000	-.98	.025	-3.27	.025	-6.37
.150	-3.49	.029	-5.75	.050	-3.90	.050	-5.36
.200	-4.35	.057	-4.79	.075	-4.49	.100	-4.55
.300	-4.23	.086	-3.72	.100	-4.68	.150	-4.06
.400	-4.58	.114	-3.40	.149	-4.85	.200	-3.76
.500	-4.64	.172	-2.63	.200	-4.87	.250	-3.44
.600	-4.10	.229	-2.37	.250	-4.68	.300	-2.94
.700	-4.04	.286	-2.24	.300	-4.78	.400	-2.40
.800	-3.46	.343	-2.01	.350	-4.62	.500	-1.88
		.400	-1.78	.400	-4.22	.600	-1.64
		.458	-1.71	.500	-3.51	.703	-1.46
		.571	-1.68	.600	-2.97	.826	-1.40
		.686	-1.76	.700	-2.59		
		.801	-1.82	.800	-2.18		
		.915	-2.13				
		.967	-2.45				
		.994	-2.64				
			LOWER	SURFACE			
.075	1.00	.029	.96	.025	-.70	.025	-.08
.150	.88	.057	1.00	.050	-.15	.050	1.12
.200	.87	.086	.98	.075	.19	.100	1.47
.300	.82	.114	.93	.100	.37	.150	1.89
.400	.79	.172	.92	.150	.73	.200	2.54
.500	.73	.229	.77	.200	.89	.250	2.70
.600	.74	.286	.75	.250	.90	.300	2.63
.700	.57	.343	.75	.300	1.00	.400	3.68
.861	.06	.400	.77	.350	.99	.500	2.47
		.458	.71	.400	1.02	.600	4.02
		.571	.66	.500	1.12	.703	4.86
		.686	.69	.600	-3.83	.756	5.27
				.700	-2.65		

ALPHA = 14.36 DEGREES DYNAMIC PRESSURE = 10.939 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-4.22	0.000	-1.18	.025	-3.28	.025	-6.37
.150	-4.76	.029	-6.16	.050	-3.88	.050	-5.22
.200	-4.96	.057	-5.22	.075	-4.43	.100	-4.53
.300	-5.14	.086	-3.91	.100	-4.80	.150	-4.10
.400	-4.52	.114	-3.36	.149	-3.77	.200	-3.78
.500	-4.86	.172	-2.72	.200	-4.74	.250	-3.34
.600	-4.63	.229	-2.34	.250	-4.58	.300	-2.65
.700	-4.42	.286	-2.18	.300	-4.75	.400	-2.30
.800	-3.57	.343	-2.09	.350	-4.56	.500	-1.60
		.400	-1.82	.400	-2.73	.600	-1.65
		.458	-1.76	.500	-3.34	.703	-1.44
		.571	-1.70	.600	-2.25	.826	-1.37
		.686	-1.74	.700	-2.64		
		.801	-1.68	.800	-2.18		
		.915	-2.18				
		.967	-2.02				
		.994	-2.51				
			LOWER	SURFACE			
.075	.99	.029	.86	.025	-.72	.025	-.03
.150	.89	.057	.98	.050	-.25	.050	1.16
.200	.90	.086	.95	.075	.12	.100	1.85
.300	.87	.114	.95	.100	.26	.150	2.13
.400	.77	.172	.89	.150	.67	.200	2.57
.500	.79	.229	.81	.200	.82	.250	2.72
.600	.70	.286	.77	.250	.91	.300	2.81
.700	.60	.343	.75	.300	1.01	.400	3.32
.861	.01	.400	.77	.350	.99	.500	2.65
		.458	.72	.400	1.04	.600	3.86
		.571	.71	.500	1.21	.703	5.18
		.686	.73	.600	-3.90	.756	5.31
				.700	-2.38		

ALPHA = 16.26 DEGREES DYNAMIC PRESSURE = 10.952 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-5.54	0.000	-1.04	.025	-2.32	.025	-6.42
.150	-4.32	.029	-5.52	.050	-3.93	.050	-5.26
.200	-4.92	.057	-4.78	.075	-4.65	.100	-4.13
.300	-5.03	.086	-3.55	.100	-4.56	.150	-4.05
.400	-4.58	.114	-3.54	.149	-3.22	.200	-3.39
.500	-4.66	.172	-2.70	.200	-2.86	.250	-3.37
.600	-4.16	.229	-2.26	.250	-4.73	.300	-2.97
.700	-3.97	.286	-2.39	.300	-3.04	.400	-2.13
.800	-3.48	.343	-1.76	.350	-4.52	.500	-1.63
		.400	-1.77	.400	-4.05	.600	-1.45
		.458	-1.47	.500	-2.25	.703	-1.42
		.571	-1.47	.600	-2.25	.826	-1.66
		.686	-1.50	.700	-1.57		
		.801	-1.53	.800	-1.62		
		.915	-1.62				
		.967	-2.10				
		.994	-2.02				
			LOWER	SURFACE			
.075	.93	.029	.85	.025	-.44	.025	-.02
.150	.97	.057	.95	.050	-.11	.050	1.47
.200	.88	.086	.95	.075	.30	.100	1.81
.300	.88	.114	.95	.100	.48	.150	2.28
.400	.84	.172	.87	.150	.72	.200	2.25
.500	.76	.229	.84	.200	.93	.250	2.68
.600	.77	.286	.79	.250	1.00	.300	2.79
.700	.61	.343	.76	.300	1.05	.400	3.43
.861	.08	.400	.77	.350	1.08	.500	2.91
		.458	.72	.400	1.04	.600	4.55
		.571	.70	.500	1.12	.703	5.01
		.686	.71	.600	-3.76	.756	5.15
				.700	-2.33		

ALPHA = 18.11 DEGREES DYNAMIC PRESSURE = 10.962 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-5.42	0.000	-.97	.025	-2.15	.025	-6.37
.150	-4.76	.029	-5.97	.050	-2.21	.050	-4.92
.200	-5.11	.057	-4.71	.075	-3.25	.100	-4.46
.300	-4.96	.086	-3.35	.100	-3.19	.150	-3.79
.400	-4.96	.114	-3.21	.149	-2.95	.200	-3.59
.500	-4.63	.172	-2.34	.200	-3.06	.250	-3.05
.600	-4.54	.229	-2.20	.250	-2.66	.300	-2.57
.700	-3.85	.286	-1.84	.300	-2.55	.400	-2.15
.800	-3.16	.343	-1.81	.350	-2.51	.500	-1.67
		.400	-1.57	.400	-2.49	.600	-1.61
		.458	-1.32	.500	-2.08	.703	-1.52
		.571	-1.46	.600	-1.89	.826	-1.86
		.686	-1.46	.700	-1.77		
		.801	-1.47	.800	-1.45		
		.915	-1.69				
		.967	-1.73				
		.994	-1.89				
			LOWER	SURFACE			
.075	.97	.029	.85	.025	-.34	.025	-.13
.150	.96	.057	.96	.050	-.10	.050	1.31
.200	.96	.086	.93	.075	.17	.100	1.71
.300	.89	.114	.93	.100	.48	.150	2.18
.400	.85	.172	.88	.150	.78	.200	2.35
.500	.85	.229	.83	.200	.81	.250	2.50
.600	.73	.286	.83	.250	.90	.300	3.01
.700	.59	.343	.79	.300	.98	.400	3.56
.861	.08	.400	.76	.350	1.01	.500	2.75
		.458	.75	.400	1.04	.600	4.24
		.571	.76	.500	1.14	.703	5.42
		.686	.72	.600	-3.86	.756	5.50
				.700	-2.39		

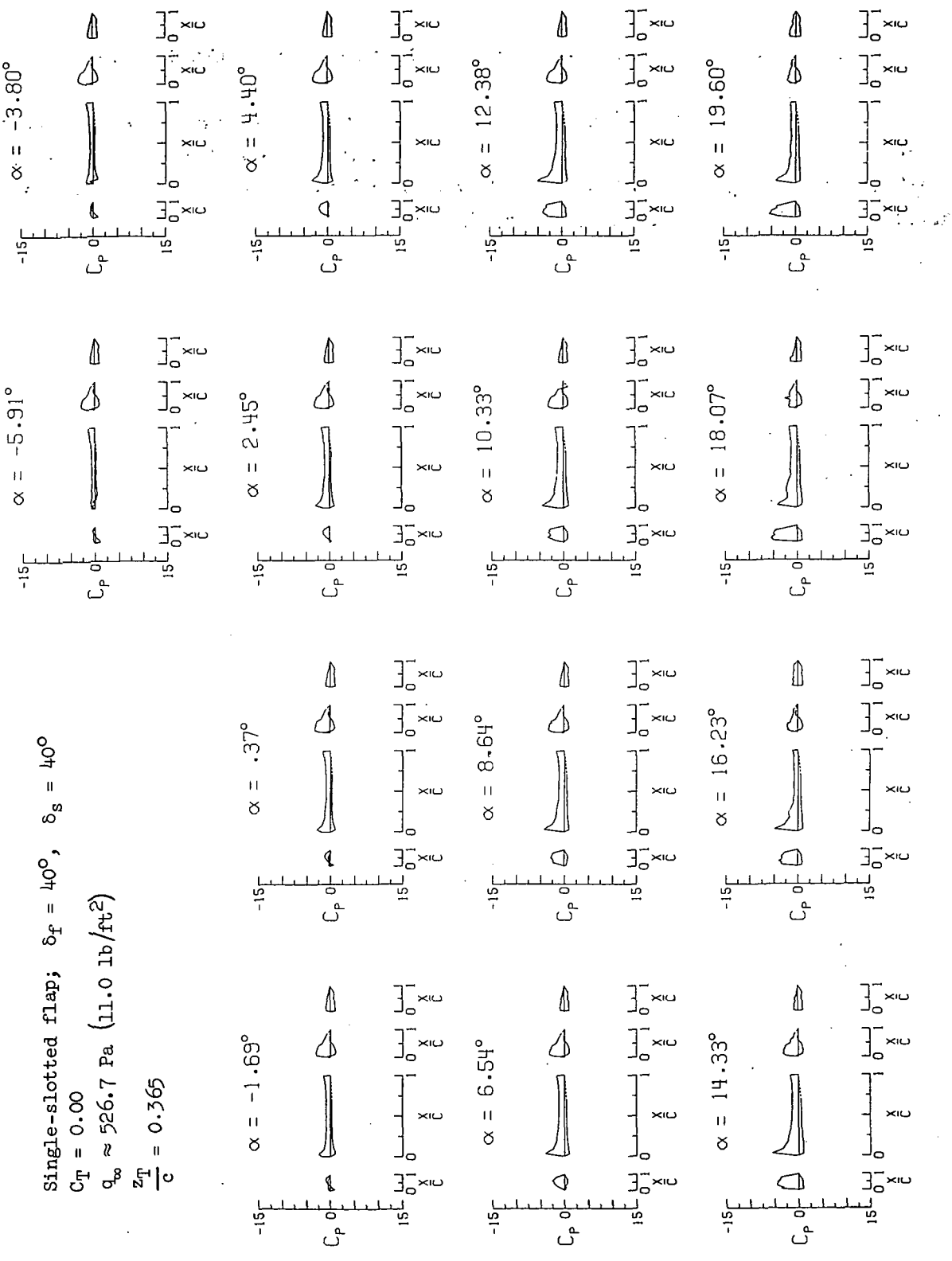
ALPHA = 19.94 DEGREES DYNAMIC PRESSURE = 10.958 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-5.39	0.000	-1.20	.025	-2.09	.025	-6.57
.150	-5.68	.029	-5.01	.050	-2.12	.050	-5.27
.200	-5.08	.057	-4.71	.075	-3.07	.100	-4.24
.300	-6.01	.086	-2.84	.100	-3.29	.150	-3.98
.400	-5.10	.114	-2.92	.149	-2.82	.200	-3.50
.500	-4.68	.172	-1.95	.200	-2.75	.250	-3.20
.600	-4.16	.229	-1.95	.250	-2.64	.300	-2.68
.700	-3.87	.286	-1.82	.300	-2.49	.400	-2.03
.800	-3.03	.343	-1.56	.350	-2.53	.500	-1.64
		.400	-1.31	.400	-2.18	.600	-1.47
		.458	-1.40	.500	-1.78	.703	-1.67
		.571	-1.12	.600	-1.75	.826	-1.82
		.686	-1.30	.700	-1.51		
		.801	-1.48	.800	-1.60		
		.915	-1.62				
		.967	-1.74				
		.994	-1.69				
			LOWER	SURFACE			
.075	.95	.029	.88	.025	-.30	.025	.10
.150	.98	.057	.96	.050	-.02	.050	1.37
.200	.99	.086	1.00	.075	.32	.100	1.79
.300	.92	.114	.95	.100	.45	.150	2.27
.400	.94	.172	.94	.150	.83	.200	2.70
.500	.85	.229	.92	.200	.87	.250	2.79
.600	.78	.286	.87	.250	.99	.300	3.09
.700	.65	.343	.82	.300	1.01	.400	3.76
.861	.06	.400	.82	.350	1.04	.500	3.04
		.458	.80	.400	1.13	.600	4.36
		.571	.78	.500	1.13	.703	5.34
		.686	.76	.600	-3.70	.756	5.63
				.700	-2.41		

APPENDIX F

PRESSURE DATA FOR $\delta_f = 40^o$, $\delta_s = 40^o$, AND LONG PYLON

The pressure measurements made on the wing with the single-slotted flap and the leading-edge slat deflected $(\delta_f = 40^o$ and $\delta_s = 40^o)$ are presented in this appendix in coefficient form in graphs and tables. The data are for the long-length pylon and are arranged in order of increasing thrust coefficient.


Single-slotted flap; $\delta_f = 40°$, $\delta_s = 40°$
$C_T = 0.00$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.365$
α = -3.80°
α = -5.91°
α = -1.69°
α = .37°
α = 4.40°
α = 2.45°
α = 6.54°
α = 8.64°
α = 12.38°
α = 10.33°
α = 14.33°
α = 16.23°
α = 19.60°
α = 18.07°
C_P
x/c

ALPHA = -5.91 DEGREES DYNAMIC PRESSURE = 11.040 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.03	0.000	-.67	.025	-1.96	.025	-.92
.150	.89	.029	-.83	.050	-2.33	.050	-.82
.200	.75	.057	-.84	.075	-2.69	.100	-.89
.300	.35	.086	-.93	.100	-2.77	.150	-.87
.400	-.02	.114	-.80	.149	-2.76	.200	-.83
.500	-.12	.172	-.68	.200	-2.75	.250	-.86
.600	-.35	.229	-.70	.250	-2.68	.300	-.78
.700	-.44	.286	-.64	.300	-2.63	.400	-.68
.800	-.50	.343	-.58	.350	-2.53	.500	-.55
		.400	-.67	.400	-2.36	.600	-.44
		.458	-.63	.500	-1.74	.703	-.37
		.571	-.67	.600	-1.38	.826	-.24
		.686	-.71	.700	-1.17		
		.801	-.90	.800	-.93		
		.915	-1.10				
		.967	-1.26				
		.994	-1.40				
			LOWER	SURFACE			
.075	-.29	.029	-.70	.025	-.75	.025	1.01
.150	-.38	.057	.04	.050	-.17	.050	.96
.200	-.47	.086	-.51	.075	.32	.100	.88
.300	-.41	.114	.13	.100	.66	.150	.92
.400	-.40	.172	.36	.150	.83	.200	.90
.500	-.41	.229	.44	.200	.97	.250	.89
.600	-.32	.286	.31	.250	.85	.300	.87
.700	-.41	.343	.25	.300	.83	.400	.83
.861	-.37	.400	.20	.350	.79	.500	.72
		.458	.25	.400	.69	.600	.83
		.571	.20	.500	.39	.703	.84
		.686	.25	.600	-.23	.756	.82
				.700	-.29		

ALPHA = -3.80 DEGREES DYNAMIC PRESSURE = 10.939 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.03	0.000	-1.25	.025	-2.16	.025	-.98
.150	.73	.029	-1.45	.050	-2.49	.050	-.90
.200	.55	.057	-1.34	.075	-2.83	.100	-.96
.300	.24	.086	-1.19	.100	-2.92	.150	-.97
.400	-.09	.114	-.97	.149	-3.03	.200	-.96
.500	-.37	.172	-.94	.200	-2.98	.250	-.87
.600	-.53	.229	-.78	.250	-2.91	.300	-.81
.700	-.54	.286	-.83	.300	-2.78	.400	-.72
.800	-.45	.343	-.73	.350	-2.72	.500	-.65
		.400	-.65	.400	-2.50	.600	-.48
		.458	-.68	.500	-1.80	.703	-.35
		.571	-.72	.600	-1.44	.826	-.23
		.686	-.86	.700	-1.17		
		.801	-.92	.800	-.92		
		.915	-1.13				
		.967	-1.32				
		.994	-1.53				
			LOWER	SURFACE			
.075	-.38	.029	-.70	.025	-.82	.025	1.04
.150	-.49	.057	.94	.050	-.14	.050	1.02
.200	-.54	.086	.82	.075	.40	.100	.96
.300	-.63	.114	.63	.100	.71	.150	.98
.400	-.54	.172	.41	.150	1.02	.200	.94
.500	-.61	.229	.32	.200	.98	.250	.90
.600	-.31	.286	.24	.250	1.01	.300	.89
.700	-.34	.343	.25	.300	.89	.400	.88
.861	-.15	.400	.21	.350	.83	.500	.74
		.458	.25	.400	.71	.600	.84
		.571	.25	.500	.42	.703	.85
		.686	.32	.600	-.22	.756	.86
				.700	-.26		

ALPHA = -1.69 DEGREES DYNAMIC PRESSURE = 10.967 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.97	0.000	-2.01	.025	-2.26	.025	-.97
.150	.53	.029	-2.46	.050	-2.59	.050	-.91
.200	.30	.057	-1.83	.075	-3.03	.100	-.91
.300	-.03	.086	-1.37	.100	-3.03	.150	-.95
.400	-.43	.114	-1.27	.149	-3.10	.200	-.91
.500	-.68	.172	-1.08	.200	-3.04	.250	-.85
.600	-.91	.229	-1.01	.250	-2.95	.300	-.80
.700	-.93	.286	-.98	.300	-2.90	.400	-.71
.800	-.81	.343	-.84	.350	-2.75	.500	-.61
		.400	-.84	.400	-2.67	.600	-.49
		.458	-.83	.500	-1.81	.703	-.31
		.571	-.84	.600	-1.49	.826	-.24
		.686	-.88	.700	-1.22		
		.801	-.96	.800	-.94		
		.915	-1.17				
		.967	-1.37				
		.994	-1.55				
			LOWER	SURFACE			
.075	-.44	.029	.85	.025	-.76	.025	1.06
.150	-.35	.057	1.00	.050	-.10	.050	1.00
.200	-.43	.086	.79	.075	.41	.100	.98
.300	-.53	.114	.64	.100	.79	.150	.97
.400	-.50	.172	.48	.150	1.00	.200	.96
.500	-.52	.229	.34	.200	1.05	.250	.92
.600	-.49	.286	.30	.250	.98	.300	.92
.700	-.43	.343	.35	.300	.95	.400	.88
.861	-.10	.400	.31	.350	.78	.500	.78
		.458	.33	.400	.72	.600	.83
		.571	.30	.500	.40	.703	.84
		.686	.34	.600	-.24	.756	.84
				.700	-.24		

ALPHA = .37 DEGREES DYNAMIC PRESSURE = 10.938 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.76	0.000	-1.96	.025	-2.35	.025	-.96
.150	.21	.029	-2.88	.050	-2.83	.050	-.88
.200	-.06	.057	-2.26	.075	-3.08	.100	-.95
.300	-.46	.086	-1.72	.100	-3.28	.150	-.90
.400	-.72	.114	-1.59	.149	-3.23	.200	-.90
.500	-1.09	.172	-1.22	.200	-3.24	.250	-.84
.600	-1.13	.229	-1.19	.250	-3.05	.300	-.81
.700	-1.10	.286	-1.13	.300	-3.08	.400	-.65
.800	-.86	.343	-1.03	.350	-2.95	.500	-.62
		.400	-.87	.400	-2.87	.600	-.49
		.458	-.90	.500	-1.87	.703	-.32
		.571	-.95	.600	-1.60	.826	-.20
		.686	-.99	.700	-1.36		
		.801	-1.05	.800	-1.08		
		.915	-1.30				
		.967	-1.50				
		.994	-1.59				
			LOWER	SURFACE			
.075	-.32	.029	.98	.025	-.87	.025	1.05
.150	-.20	.057	.90	.050	-.19	.050	.98
.200	-.28	.086	.74	.075	.32	.100	1.01
.300	-.32	.114	.57	.100	.64	.150	.95
.400	-.27	.172	.43	.150	.88	.200	.90
.500	-.38	.229	.37	.200	.92	.250	.90
.600	-.37	.286	.32	.250	.89	.300	.90
.700	-.19	.343	.33	.300	.79	.400	.86
.861	.18	.400	.32	.350	.71	.500	.73
		.458	.32	.400	.64	.600	.85
		.571	.32	.500	.28	.703	.85
		.686	.33	.600	-.32	.756	.84
				.700	-.34		

ALPHA = 2.45 DEGREES DYNAMIC PRESSURE = 10.886 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.41	0.000	-1.43	.025	-2.18	.025	-.97
.150	-.19	.029	-3.02	.050	-2.70	.050	-.84
.200	-.21	.057	-2.42	.075	-3.05	.100	-.90
.300	-.78	.086	-1.94	.100	-3.02	.150	-.90
.400	-1.04	.114	-1.75	.149	-3.11	.200	-.85
.500	-1.42	.172	-1.40	.200	-2.93	.250	-.81
.600	-1.42	.229	-1.28	.250	-2.96	.300	-.74
.700	-1.30	.286	-1.17	.300	-2.80	.400	-.66
.800	-1.07	.343	-1.11	.350	-2.65	.500	-.65
		.400	-.91	.400	-2.62	.600	-.43
		.458	-.92	.500	-1.76	.703	-.33
		.571	-.94	.600	-1.50	.826	-.20
		.686	-1.04	.700	-1.19		
		.801	-1.10	.800	-.91		
		.915	-1.27				
		.967	-1.53				
		.994	-1.63				
			LOWER	SURFACE			
.075	-.04	.029	1.00	.025	-.68	.025	1.05
.150	-.03	.057	.80	.050	.01	.050	1.01
.200	-.06	.086	.69	.075	.45	.100	.97
.300	-.10	.114	.61	.100	.83	.150	.91
.400	-.01	.172	.52	.150	1.05	.200	.96
.500	-.11	.229	.47	.200	1.06	.250	.95
.600	-.08	.286	.43	.250	1.01	.300	.93
.703	.02	.343	.36	.300	.90	.400	.90
.861	.16	.400	.37	.350	.84	.500	.74
		.458	.36	.400	.71	.600	.89
		.571	.38	.500	.39	.703	.85
		.686	.39	.600	-.22	.756	.86
				.700	-.29		

ALPHA = 4.40 DEGREES DYNAMIC PRESSURE = 10.938 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.35	0.000	-1.09	.025	-2.34	.025	-.94
.150	-.29	.029	-3.47	.050	-2.72	.050	-.85
.200	-.87	.057	-2.92	.075	-3.04	.100	-.87
.300	-1.41	.086	-2.13	.100	-3.04	.150	-.87
.400	-1.53	.114	-1.99	.149	-3.18	.200	-.85
.500	-1.81	.172	-1.51	.200	-3.12	.250	-.81
.600	-1.85	.229	-1.42	.250	-2.95	.300	-.72
.700	-1.70	.286	-1.30	.300	-2.88	.400	-.63
.800	-1.54	.343	-1.14	.350	-2.79	.500	-.57
		.400	-1.09	.400	-2.65	.600	-.36
		.458	-1.05	.500	-1.76	.703	-.29
		.571	-1.00	.600	-1.41	.826	-.15
		.686	-1.05	.700	-1.13		
		.801	-1.09	.800	-.89		
		.915	-1.30				
		.967	-1.47				
		.994	-1.59				
			LOWER	SURFACE			
.075	.14	.029	1.03	.025	-.64	.025	1.02
.150	.20	.057	.88	.050	-.01	.050	1.01
.200	.14	.086	.74	.075	.49	.100	.99
.300	.13	.114	.64	.100	.77	.150	.99
.400	.09	.172	.61	.150	1.00	.200	.94
.500	.07	.229	.52	.200	1.03	.250	.95
.600	.11	.286	.46	.250	.97	.300	.92
.700	.26	.343	.46	.300	.92	.400	.90
.861	.23	.400	.49	.350	.84	.500	.76
		.458	.43	.400	.74	.600	.88
		.571	.42	.500	.43	.703	.88
		.686	.43	.600	-.19	.756	.86
				.700	-.24		

ALPHA = 6.55 DEGREES DYNAMIC PRESSURE = 10.919 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.31	0.000	-.52	.025	-2.22	.025	-.90
.150	-.81	.029	-4.03	.050	-2.72	.050	-.86
.200	-1.20	.057	-3.31	.075	-3.07	.100	-.87
.300	-1.75	.086	-2.35	.100	-3.17	.150	-.86
.400	-2.10	.114	-2.22	.149	-3.18	.200	-.86
.500	-2.23	.172	-1.74	.200	-3.06	.250	-.79
.600	-2.51	.229	-1.65	.250	-2.98	.300	-.69
.700	-2.12	.286	-1.48	.300	-2.75	.400	-.64
.800	-1.81	.343	-1.34	.350	-2.82	.500	-.56
		.400	-1.18	.400	-2.57	.600	-.34
		.458	-1.18	.500	-1.74	.703	-.29
		.571	-1.09	.600	-1.47	.826	-.14
		.686	-1.11	.700	-1.15		
		.801	-1.16	.800	-.84		
		.915	-1.36				
		.967	-1.57				
		.994	-1.67				
			LOWER	SURFACE			
.075	.20	.029	1.00	.025	-.58	.025	1.03
.150	.28	.057	.91	.050	.05	.050	1.02
.200	.34	.086	.82	.075	.50	.100	.99
.300	.20	.114	.80	.100	.80	.150	.97
.400	.60	.172	.67	.150	.99	.200	.94
.500	.62	.229	.56	.200	1.02	.250	.93
.600	.67	.286	.51	.250	1.00	.300	.90
.700	.62	.343	.52	.300	.92	.400	.89
.861	.24	.400	.54	.350	.89	.500	.75
		.458	.51	.400	.80	.600	.87
		.571	.46	.500	.47	.703	.86
		.686	.48	.600	-.18	.756	.82
				.700	-.22		

ALPHA = 8.64 DEGREES DYNAMIC PRESSURE = 10.923 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.68	0.000	-.43	.025	-2.27	.025	-.93
.150	-1.51	.029	-4.24	.050	-2.74	.050	-.82
.200	-2.27	.057	-3.55	.075	-3.13	.100	-.89
.300	-2.33	.086	-2.70	.100	-3.20	.150	-.86
.400	-2.40	.114	-2.29	.149	-3.20	.200	-.87
.500	-2.80	.172	-1.85	.200	-3.10	.250	-.76
.600	-2.62	.229	-1.67	.250	-3.03	.300	-.73
.700	-2.55	.296	-1.62	.300	-3.02	.400	-.62
.800	-2.32	.343	-1.42	.350	-2.61	.500	-.56
		.400	-1.21	.400	-2.69	.600	-.38
		.458	-1.20	.500	-1.72	.703	-.26
		.571	-1.17	.600	-1.40	.826	-.13
		.686	-1.13	.700	-1.15		
		.801	-1.17	.800	-.82		
		.915	-1.37				
		.967	-1.53				
		.994	-1.68				
			LOWER	SURFACE			
.075	.57	.029	1.01	.025	-.57	.025	1.06
.150	.50	.057	.93	.050	.06	.050	.98
.200	.63	.086	.87	.075	.48	.100	1.01
.300	.65	.114	.86	.100	.79	.150	.95
.400	.70	.172	.71	.150	1.01	.200	.96
.500	.77	.229	.66	.200	1.03	.250	.95
.600	.74	.286	.62	.250	.94	.300	.94
.700	.66	.343	.59	.300	.93	.400	.88
.861	.26	.400	.55	.350	.87	.500	.76
		.458	.59	.400	.81	.600	.88
		.571	.49	.500	.48	.703	.90
		.686	.51	.600	.17	.756	.86
				.700	-.24		

ALPHA = 10.33 DEGREES DYNAMIC PRESSURE = 10.959 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.33	0.000	-1.47	.025	-2.24	.025	-.93
.150	-2.13	.029	-4.50	.050	-2.73	.050	-.76
.200	-2.51	.057	-3.73	.075	-3.03	.100	-.83
.300	-3.43	.086	-2.85	.100	-3.20	.150	-.85
.400	-2.73	.114	-2.54	.149	-3.10	.200	-.81
.500	-2.94	.172	-1.96	.200	-3.09	.250	-.74
.600	-3.24	.229	-1.92	.250	-3.03	.300	-.69
.700	-2.89	.286	-1.70	.300	-2.84	.400	-.62
.800	-2.80	.343	-1.41	.350	-2.76	.500	-.54
		.400	-1.29	.400	-2.65	.600	-.30
		.458	-1.27	.500	-1.71	.703	-.25
		.571	-1.21	.600	-1.40	.826	-.14
		.686	-1.19	.700	-1.08		
		.801	-1.21	.800	.94		
		.915	-1.39				
		.967	-1.57				
		.994	-1.70				
			LOWER	SURFACE			
.075	.23	.029	1.03	.025	-.55	.025	.77
.150	.59	.057	1.02	.050	.10	.050	1.02
.200	.75	.086	.96	.075	.51	.100	1.01
.300	.83	.114	.85	.100	.79	.150	.99
.400	.77	.172	.81	.150	1.02	.200	.95
.500	.80	.229	.76	.200	.99	.250	.96
.600	.73	.286	.70	.250	1.00	.300	.90
.700	.69	.343	.64	.300	.93	.400	.93
.861	.26	.400	.61	.350	.89	.500	.77
		.458	.58	.400	.82	.600	.88
		.571	.54	.500	.52	.703	.89
		.686	.52	.600	-.17	.756	.88
				.700	-.18		

ALPHA = 12.39 DEGREES DYNAMIC PRESSURE = 10.901 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.11	0.000	-.84	.025	-2.18	.025	-.93
.150	-3.13	.029	-5.29	.050	-2.77	.050	-.77
.200	-3.52	.057	-4.30	.075	-3.07	.100	-.84
.300	-4.06	.086	-3.03	.100	-3.13	.150	-.82
.400	-3.86	.114	-2.72	.149	-3.15	.200	-.84
.500	-3.80	.172	-2.14	.200	-3.07	.250	-.75
.600	-3.28	.229	-2.02	.250	-3.01	.300	-.68
.700	-3.27	.286	-1.90	.300	-2.92	.400	-.58
.800	-3.23	.343	-1.58	.350	-2.73	.500	-.52
		.400	-1.38	.400	-2.57	.600	-.30
		.458	-1.31	.500	-1.64	.703	-.25
		.571	-1.24	.600	-1.36	.826	-.06
		.686	-1.19	.700	-1.09		
		.801	-1.22	.800	-.80		
		.915	-1.41				
		.967	-1.56				
		.994	-1.68				
			LOWER	SURFACE			
.075	.96	.029	.96	.025	-.43	.025	1.00
.150	.91	.057	1.01	.050	.10	.050	.99
.200	.85	.086	.91	.075	.53	.100	.96
.300	.82	.114	.91	.100	.81	.150	.99
.400	.79	.172	.76	.150	.96	.200	.96
.500	.76	.229	.75	.200	1.03	.250	.93
.600	.77	.286	.69	.250	.96	.300	.94
.700	.65	.343	.64	.300	.92	.400	.90
.861	.19	.400	.60	.350	.88	.500	.78
		.458	.67	.400	.80	.600	.90
		.571	.56	.500	.47	.703	.88
		.686	.53	.600	-.13	.756	.83
				.700	-.21		

ALPHA = 14.34 DEGREES DYNAMIC PRESSURE = 10.915 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.63	0.000	-.95	.025	-2.23	.025	-.95
.150	-3.12	.029	-5.63	.050	-2.78	.050	-.76
.200	-3.84	.057	-4.28	.075	-2.92	.100	-.79
.300	-4.57	.086	-3.27	.100	-3.18	.150	-.86
.400	-4.42	.114	-2.96	.149	-3.09	.200	-.77
.500	-4.33	.172	-2.29	.200	-3.05	.250	-.77
.600	-3.91	.229	-2.12	.250	-3.02	.300	-.69
.700	-3.82	.286	-1.92	.300	-2.83	.400	-.58
.800	-3.44	.343	-1.60	.350	-2.74	.500	-.59
		.400	-1.43	.400	-2.61	.600	-.27
		.458	-1.36	.500	-1.64	.703	-.24
		.571	-1.29	.600	-1.63	.826	-.08
		.686	-1.26	.700	-1.03		
		.801	-1.27	.800	-.86		
		.915	-1.38				
		.967	-1.65				
		.994	-1.68				
			LOWER	SURFACE			
.075	1.01	.029	.98	.025	-.39	.025	.99
.150	.98	.057	.99	.050	.12	.050	1.01
.200	.89	.086	1.01	.075	.51	.100	.98
.300	.87	.114	.96	.100	.79	.150	.95
.400	.87	.172	.93	.150	.96	.200	.95
.500	.81	.229	.79	.200	.98	.250	.94
.600	.78	.286	.77	.250	.97	.300	.91
.700	.66	.343	.69	.300	.95	.400	.90
.861	.20	.400	.69	.350	.88	.500	.80
		.458	.69	.400	.82	.600	.88
		.571	.62	.500	.56	.703	.88
		.686	.56	.600	-.15	.756	.89
				.700	-.20		

ALPHA = 16.23 DEGREES DYNAMIC PRESSURE = 10.905 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.20	0.000	-.40	.025	-1.38	.025	-1.29
.150	-3.57	.029	-4.95	.050	-1.74	.050	-1.06
.200	-3.30	.057	-3.67	.075	-2.13	.100	-1.01
.300	-3.95	.086	-2.69	.100	-1.89	.150	-.99
.400	-3.31	.114	-2.46	.149	-2.13	.200	-.86
.500	-3.31	.172	-1.72	.200	-2.13	.250	-1.14
.600	-3.42	.229	-1.97	.250	-2.09	.300	-.88
.700	-2.96	.286	-1.43	.300	-2.08	.400	-.91
.800	-2.82	.343	-.99	.350	-1.47	.500	-.97
		.400	-.97	.400	-1.52	.600	-.80
		.458	-.75	.500	-1.20	.703	-.87
		.571	-.87	.600	-.96	.826	-.85
		.686	-.80	.700	-.88		
		.801	-.89	.800	-.88		
		.915	-.93				
		.967	-.86				
		.994	-1.14				
			LOWER	SURFACE			
.075	.97	.029	1.00	.025	-.33	.025	1.04
.150	.95	.057	1.01	.050	.20	.050	1.02
.200	.93	.086	1.01	.075	.58	.100	1.01
.300	.90	.114	.95	.100	.83	.150	.98
.400	.84	.172	.90	.150	.99	.200	.96
.500	.82	.229	.81	.200	1.04	.250	.93
.600	.80	.286	.71	.250	1.00	.300	.95
.700	.71	.343	.66	.300	.92	.400	.91
.861	.29	.400	.63	.350	.87	.500	.74
		.458	.60	.400	.73	.600	.89
		.571	.59	.500	.43	.703	.83
		.686	.55	.600	-.43	.756	.83
				.700	-.44		

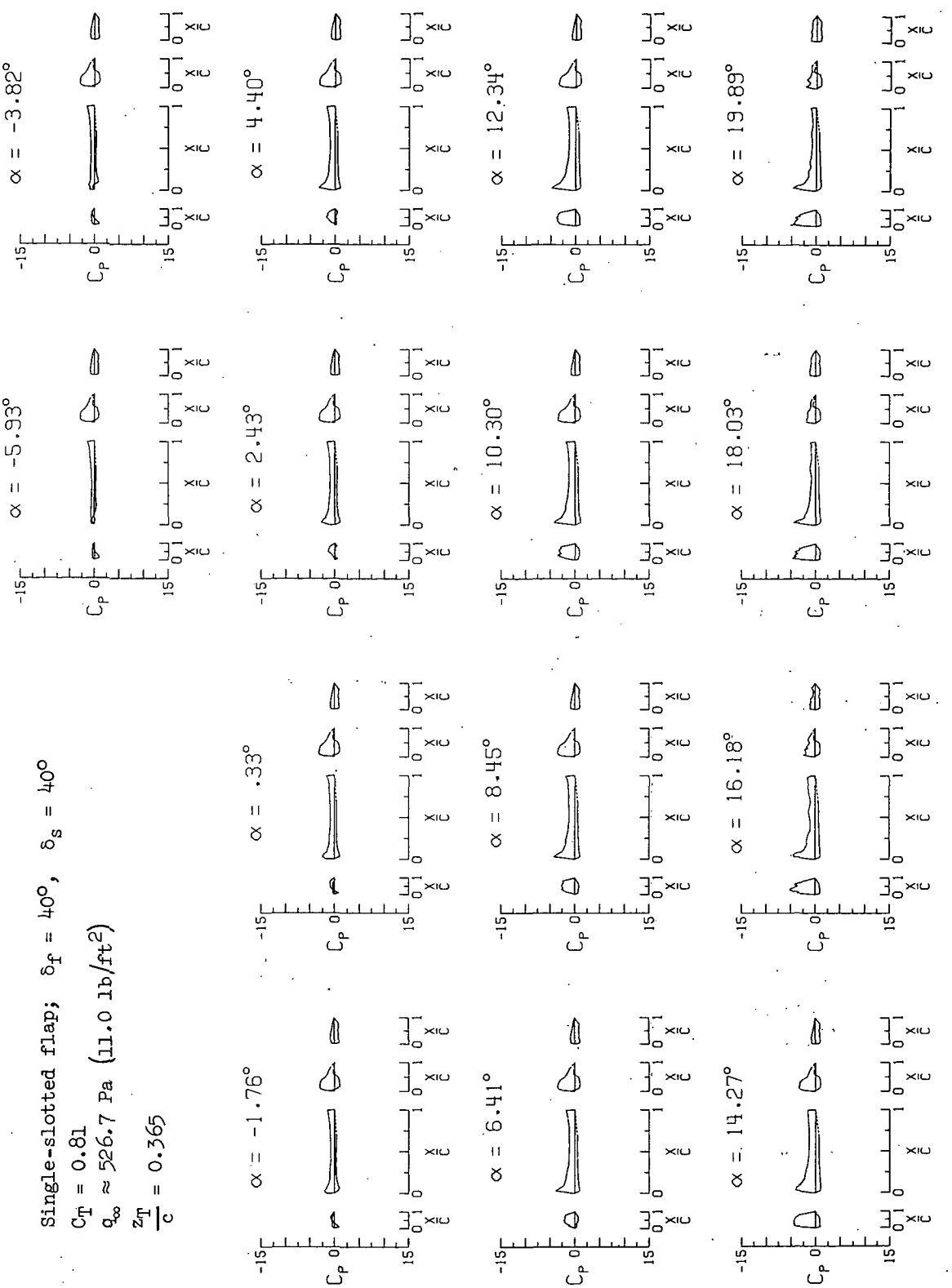
APPENDIX F

ALPHA = 18.07 DEGREES DYNAMIC PRESSURE = 10.910 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE					
.075	-5.15	0.000	-.55	.025	-1.66	.025	-1.34
.150	-5.19	.029	-4.17	.050	-1.55	.050	-1.20
.200	-5.60	.057	-3.61	.075	-1.73	.100	-1.27
.300	-5.20	.086	-2.67	.100	-1.69	.150	-1.28
.400	-4.75	.114	-2.07	.149	-1.49	.200	-1.06
.500	-5.09	.172	-2.07	.200	-1.67	.250	-1.69
.600	-4.83	.229	-2.21	.250	-1.32	.300	-.81
.700	-4.56	.286	-1.98	.300	-1.59	.400	-.55
.800	-2.88	.343	-1.70	.350	-2.53	.500	-.47
		.400	-1.22	.400	-1.38	.600	-.29
		.458	-1.44	.500	-1.58	.703	-.21
		.571	-1.30	.600	-1.36	.826	-.15
		.686	-1.25	.700	-1.02		
		.801	-1.21	.800	-.70		
		.915	-1.40				
		.967	-1.56				
		.994	-1.67				
		LOWER SURFACE					
.075	1.03	.029	.92	.025	-.26	.025	1.05
.150	.94	.057	1.03	.050	.22	.050	1.01
.200	.95	.086	1.01	.075	.55	.100	1.00
.300	.90	.114	.97	.100	.82	.150	.97
.400	.91	.172	.90	.150	1.01	.200	.97
.500	.85	.229	.87	.200	1.04	.250	.94
.600	.80	.286	.73	.250	1.03	.300	.97
.700	.69	.343	.73	.300	.92	.400	.96
.861	.06	.400	.71	.350	.88	.500	.76
		.458	.70	.400	.84	.600	.89
		.571	.58	.500	.56	.703	.92
		.686	.55	.600	-.17	.756	.89
				.700	-.16		

ALPHA = 19.61 DEGREES DYNAMIC PRESSURE = 10.970 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
		UPPER SURFACE					
.075	-3.73	0.000	-.54	.025	-1.41	.025	-1.30
.153	-4.48	.029	-4.15	.050	-1.28	.050	-1.19
.200	-5.61	.057	-3.70	.075	-1.63	.100	-1.33
.300	-5.12	.086	-2.78	.100	-1.80	.150	-1.22
.400	-5.05	.114	-2.02	.149	-1.64	.200	-1.27
.500	-4.37	.172	-1.54	.200	-1.42	.250	-1.20
.600	-3.82	.229	-1.33	.250	-1.50	.300	-1.13
.700	-3.92	.286	-1.31	.300	-1.26	.400	-.92
.830	-2.56	.343	-.95	.350	-1.27	.500	-.61
		.400	-1.14	.400	-1.29	.600	-.75
		.458	-1.14	.500	-1.08	.703	-.57
		.571	-.87	.600	-.82	.826	-.56
		.686	-1.04	.700	-.86		
		.801	-1.03	.800	-.82		
		.915	-.98				
		.967	-1.10				
		.994	-1.14				
		LOWER SURFACE					
.075	1.05	.029	.92	.025	-.24	.025	1.05
.150	.99	.057	.97	.050	.22	.050	1.03
.200	.98	.086	.93	.075	.58	.100	.99
.300	.94	.114	.95	.100	.85	.150	.98
.400	.90	.172	.85	.150	1.01	.200	.95
.500	.88	.229	.82	.200	1.05	.250	.92
.600	.82	.286	.77	.250	1.00	.300	.92
.700	.71	.343	.70	.300	.90	.400	.88
.827	.27	.400	.68	.350	.83	.500	.71
		.458	.67	.400	.76	.600	.82
		.571	.60	.500	.42	.703	.83
		.686	.55	.600	-.24	.756	.78
				.700	-.27		


Single-slotted flap; $\delta_f = 40°$, $\delta_s = 40°$
$C_T = 0.81$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.365$
α = -5.93°
α = -3.82°
α = -1.76°
α = .33°
α = 2.43°
α = 4.40°
α = 6.41°
α = 8.45°
α = 10.30°
α = 12.34°
α = 14.27°
α = 16.18°
α = 18.03°
α = 19.89°
C_p
x/c

ALPHA = -5.94 DEGREES DYNAMIC PRESSURE = 11.083 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.375	1.06	0.000	-.62	.025	-1.95	.025	-.88
.150	.93	.029	-.82	.050	-2.26	.050	-.76
.200	.84	.057	-.73	.075	-2.78	.100	-.78
.300	.57	.086	-.73	.100	-2.89	.150	-.85
.400	.06	.114	-.71	.149	-2.94	.200	-.86
.500	-.22	.172	-.70	.200	-2.83	.250	-.82
.600	-.35	.229	-.58	.250	-2.92	.300	-.77
.700	-.23	.286	-.62	.300	-2.86	.400	-.72
.800	-.36	.343	-.55	.350	-2.77	.500	-.60
		.400	-.58	.400	-2.49	.600	-.51
		.458	-.49	.500	-1.87	.703	-.42
		.571	-.61	.600	-1.47	.826	-.33
		.686	-.69	.700	-1.16		
		.801	-.98	.800	-.99		
		.915	-1.04				
		.967	-1.29				
		.994	-1.46				
			LOWER	SURFACE			
.375	-.40	.029	-.60	.025	-.53	.025	.24
.150	-.43	.057	-.62	.050	-.05	.050	.80
.200	-.43	.086	-.23	.075	.24	.100	.77
.300	-.40	.114	-.01	.100	.46	.150	.84
.400	-.43	.172	.31	.150	.79	.200	.78
.500	-.47	.229	.46	.200	.85	.250	.79
.600	-.44	.286	.32	.250	.90	.300	.77
.700	-.39	.343	.27	.300	.84	.400	.80
.861	-.44	.400	.29	.350	.84	.500	.68
		.458	.27	.400	.69	.600	.51
		.571	.29	.500	.66	.703	.75
		.686	.32	.600	-.41	.756	.84
				.700	-.32		

ALPHA = -3.83 DEGREES DYNAMIC PRESSURE = 10.928 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.375	1.01	0.000	-.97	.025	-2.09	.025	-.84
.150	.89	.029	-.89	.050	-2.49	.050	-.78
.200	.68	.057	-1.21	.075	-2.84	.100	-.82
.300	.24	.086	-.94	.100	-2.94	.150	-.78
.400	-.01	.114	-.88	.149	-3.03	.200	-.88
.500	-.30	.172	-.81	.200	-2.91	.250	-.81
.600	-.38	.229	-.86	.250	-2.91	.300	-.79
.700	-.52	.286	-.82	.300	-2.92	.400	-.75
.800	-.49	.343	-.71	.350	-2.78	.500	-.62
		.400	-.69	.400	-2.59	.600	-.53
		.458	-.70	.500	-1.92	.703	-.42
		.571	-.72	.600	-1.54	.826	-.31
		.686	-.81	.700	-1.26		
		.801	-.91	.800	-1.01		
		.915	-1.16				
		.967	-1.34				
		.994	-1.55				
			LOWER	SURFACE			
.375	-.41	.029	-.42	.025	-.58	.025	.74
.150	-.44	.057	-.14	.050	-.14	.050	.85
.200	-.59	.086	.80	.075	.27	.100	.91
.300	-.55	.114	.76	.100	.55	.150	.88
.400	-.46	.172	.50	.150	.91	.200	.81
.500	-.66	.229	.33	.200	1.02	.250	.84
.600	-.40	.286	.30	.250	1.05	.300	.80
.700	-.43	.343	.23	.300	.99	.400	.81
.861	-.32	.400	.29	.350	.93	.500	.70
		.458	.31	.400	.92	.600	.82
		.571	.32	.500	.75	.703	.82
		.686	.36	.600	-.24	.756	.91
				.700	-.31		

ALPHA = -1.76 DEGREES DYNAMIC PRESSURE = 10.914 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.375	.98	0.000	-1.82	.025	-2.11	.025	-.82
.150	.73	.029	-2.13	.050	-2.63	.050	-.73
.200	.49	.057	-1.69	.075	-2.98	.100	-.83
.300	-.01	.086	-1.50	.100	-3.05	.150	-.81
.400	-.18	.114	-1.22	.149	-3.13	.200	-.87
.500	-.51	.172	-.98	.200	-3.08	.250	-.86
.600	-.77	.229	-1.03	.250	-3.05	.300	-.80
.700	-.93	.286	-.97	.300	-2.98	.400	-.75
.800	-.60	.343	-.90	.350	-2.94	.500	-.60
		.400	-.77	.400	-2.69	.600	-.51
		.458	-.84	.500	-1.95	.703	-.43
		.571	-.83	.600	-1.55	.826	-.31
		.686	-.89	.700	-1.31		
		.801	-.98	.800	-.99		
		.915	-1.26				
		.967	-1.40				
		.994	-1.56				
			LOWER	SURFACE			
.375	-.44	.029	.71	.025	-.60	.025	.71
.150	-.42	.057	.97	.050	-.06	.050	.88
.200	-.49	.086	.73	.075	.37	.100	.89
.300	-.42	.114	.67	.100	.63	.150	.90
.400	-.51	.172	.46	.150	.93	.200	.83
.500	-.53	.229	.38	.200	1.06	.250	.80
.600	-.47	.286	.34	.250	1.04	.300	.82
.700	-.41	.343	.30	.300	.98	.400	.83
.861	-.18	.400	.33	.350	.94	.500	.70
		.458	.32	.400	.89	.600	.82
		.571	.36	.500	.72	.703	.81
		.686	.42	.600	-.27	.756	.89
				.700	-.28		

ALPHA = .33 DEGREES DYNAMIC PRESSURE = 10.898 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.375	.88	0.000	-1.81	.025	-2.25	.025	-.87
.150	.33	.029	-2.58	.050	-2.70	.050	-.80
.200	.15	.057	-2.18	.075	-3.15	.100	-.85
.300	-.38	.086	-1.59	.100	-3.21	.150	-.83
.400	-.78	.114	-1.51	.149	-3.29	.200	-.85
.500	-.96	.172	-1.17	.200	-3.18	.250	-.83
.600	-.91	.229	-1.14	.250	-3.13	.300	-.78
.700	-.92	.286	-1.09	.300	-3.12	.400	-.74
.800	-.90	.343	-.95	.350	-3.01	.500	-.60
		.400	-.89	.400	-2.79	.600	-.52
		.458	-.82	.500	-2.06	.703	-.39
		.571	-.87	.600	-1.62	.826	-.28
		.686	-.95	.700	-1.36		
		.801	-1.04	.800	-1.02		
		.915	-1.29				
		.967	-1.49				
		.994	-1.70				
			LOWER	SURFACE			
.375	-.27	.029	1.03	.025	-.52	.025	.74
.150	-.25	.057	.96	.050	-.08	.050	.90
.200	-.24	.086	.78	.075	.40	.100	.89
.300	-.38	.114	.69	.100	.70	.150	.89
.400	-.29	.172	.51	.150	.93	.200	.85
.500	-.39	.229	.44	.200	1.04	.250	.83
.600	-.33	.286	.45	.250	1.00	.300	.84
.700	-.27	.343	.41	.300	1.00	.400	.83
.861	.14	.400	.43	.350	.94	.500	.72
		.458	.40	.400	.92	.600	.83
		.571	.42	.500	.73	.703	.82
		.686	.40	.600	-.24	.756	.88
				.700	-.29		

ALPHA = 2.44 DEGREES DYNAMIC PRESSURE = 10.917 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.67	0.000	-1.31	.025	-2.28	.025	-.84
.150	-.18	.029	-2.98	.050	-2.81	.050	-.76
.200	-.21	.057	-2.53	.075	-3.23	.100	-.83
.300	-.59	.086	-1.99	.100	-3.28	.150	-.87
.400	-.96	.114	-1.67	.149	-3.26	.200	-.88
.500	-1.47	.172	-1.32	.200	-3.17	.250	-.79
.600	-1.36	.229	-1.25	.250	-3.20	.300	-.80
.700	-1.29	.286	-1.18	.300	-3.21	.400	-.75
.800	-1.14	.343	-1.05	.350	-2.97	.500	-.57
		.400	-.94	.400	-2.84	.600	-.53
		.458	-.96	.500	-2.04	.703	-.41
		.571	-.93	.600	-1.57	.826	-.28
		.686	-1.05	.700	-1.37		
		.901	-1.08	.800	-1.06		
		.915	-1.33				
		.967	-1.51				
		.994	-1.72				
			LOWER	SURFACE			
.075	.01	.029	1.01	.025	-.54	.025	.76
.150	.02	.057	.94	.050	-.01	.050	.89
.200	.06	.086	.80	.075	.35	.100	.91
.300	-.02	.114	.72	.100	.67	.150	.88
.400	-.10	.172	.61	.150	.95	.200	.86
.500	.00	.229	.51	.200	1.05	.250	.87
.600	-.08	.286	.51	.250	1.03	.300	.84
.700	.01	.343	.48	.300	.99	.400	.83
.861	.36	.400	.46	.350	.96	.500	.71
		.458	.42	.400	.90	.600	.84
		.571	.47	.500	.75	.703	.80
		.686	.49	.600	-.24	.756	.91
				.700	-.26		

ALPHA = 4.40 DEGREES DYNAMIC PRESSURE = 10.955 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.31	0.000	-.83	.025	-2.35	.025	-.81
.150	-.41	.029	-3.39	.050	-2.83	.050	-.79
.200	-.81	.057	-2.94	.075	-3.24	.100	-.83
.300	-1.12	.086	-2.14	.100	-3.33	.150	-.86
.400	-1.42	.114	-1.90	.149	-3.32	.200	-.84
.500	-1.85	.172	-1.46	.200	-3.30	.250	-.81
.600	-1.52	.229	-1.36	.250	-3.28	.300	-.78
.700	-1.51	.286	-1.33	.300	-3.18	.400	-.74
.800	-1.33	.343	-1.18	.350	-3.09	.500	-.61
		.400	-1.04	.400	-2.87	.600	-.51
		.458	-1.02	.500	-2.07	.703	-.35
		.571	-.98	.600	-1.64	.826	-.23
		.686	-1.10	.700	-1.33		
		.801	-1.11	.800	-1.01		
		.915	-1.39				
		.967	-1.60				
		.994	-1.77				
			LOWER	SURFACE			
.075	.24	.029	1.03	.025	-.47	.025	.77
.150	.19	.057	.93	.050	.08	.050	.91
.200	.27	.086	.82	.075	.41	.100	.92
.300	.19	.114	.75	.100	.76	.150	.93
.400	.23	.172	.60	.150	1.00	.200	.93
.500	.20	.229	.58	.200	1.06	.250	.89
.600	.19	.286	.55	.250	1.02	.300	.87
.700	.39	.343	.48	.300	1.04	.400	.86
.861	.43	.400	.47	.350	.97	.500	.75
		.458	.48	.400	.96	.600	.86
		.571	.50	.500	.74	.703	.84
		.686	.53	.600	-.23	.756	.91
				.700	-.22		

ALPHA = 6.42 DEGREES DYNAMIC PRESSURE = 10.907 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.56	0.000	-.44	.025	-2.34	.025	-.91
.150	-1.26	.029	-3.89	.050	-2.80	.050	-.79
.200	-1.09	.057	-3.07	.075	-3.30	.100	-.85
.300	-1.89	.086	-2.25	.100	-3.40	.150	-.84
.400	-2.08	.114	-2.06	.149	-3.43	.200	-.85
.500	-2.11	.172	-1.76	.200	-3.43	.250	-.79
.600	-1.95	.229	-1.64	.250	-3.29	.300	-.76
.700	-2.01	.286	-1.45	.300	-3.26	.400	-.72
.900	-1.86	.343	-1.24	.350	-3.04	.500	-.57
		.400	-1.18	.400	-2.85	.600	-.46
		.458	-1.14	.500	-2.04	.703	-.34
		.571	-1.08	.600	-1.62	.826	-.29
		.686	-1.18	.700	-1.32		
		.801	-1.16	.800	-1.06		
		.915	-1.41				
		.967	-1.60				
		.994	-1.91				
			LOWER	SURFACE			
.075	.36	.029	.99	.025	-.42	.025	.76
.150	.45	.057	.93	.050	.10	.050	.93
.200	.35	.086	.83	.075	.49	.100	.93
.300	.36	.114	.79	.100	.76	.150	.94
.400	.60	.172	.69	.150	.92	.200	.95
.500	.71	.229	.63	.200	1.01	.250	.86
.600	.74	.286	.59	.250	1.03	.300	.90
.700	.66	.343	.53	.300	1.02	.400	.91
.861	.37	.400	.55	.350	.94	.500	.78
		.458	.53	.400	.92	.600	.87
		.571	.48	.500	.75	.703	.84
		.686	.54	.600	-.25	.756	.95
				.700	-.26		

ALPHA = 8.45 DEGREES DYNAMIC PRESSURE = 10.847 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.70	0.000	-.38	.025	-2.41	.025	-.93
.150	-1.70	.029	-4.28	.050	-2.87	.050	-.77
.200	-2.08	.057	-3.53	.075	-3.28	.100	-.85
.300	-2.61	.086	-2.63	.100	-3.38	.150	-.84
.400	-2.33	.114	-2.28	.149	-3.41	.200	-.87
.500	-2.67	.172	-1.82	.200	-3.38	.250	-.79
.600	-2.52	.229	-1.79	.250	-3.27	.300	-.75
.700	-2.26	.286	-1.58	.300	-3.23	.400	-.68
.800	-2.44	.343	-1.35	.350	-3.05	.500	-.57
		.400	-1.30	.400	-2.91	.600	-.43
		.458	-1.18	.500	-2.01	.703	-.34
		.571	-1.16	.600	-1.67	.826	-.23
		.686	-1.19	.700	-1.28		
		.801	-1.21	.800	-1.00		
		.915	-1.44				
		.967	-1.67				
		.994	-1.80				
			LOWER	SURFACE			
.075	.64	.029	1.02	.025	-.38	.025	.77
.150	.63	.057	.98	.050	.19	.050	.93
.200	.72	.086	.86	.075	.47	.100	.98
.300	.71	.114	.84	.100	.77	.150	.97
.400	.77	.172	.74	.150	1.01	.200	.93
.500	.81	.229	.76	.200	1.03	.250	.96
.600	.79	.286	.64	.250	1.01	.300	.92
.700	.69	.343	.62	.300	1.02	.400	.94
.961	.30	.400	.66	.350	.97	.500	.75
		.458	.56	.400	.96	.600	.88
		.571	.55	.500	.76	.703	.87
		.686	.58	.600	-.27	.756	.95
				.700	.01		

ALPHA = 10.30 DEGREES DYNAMIC PRESSURE = 10.993 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.63	0.000	-.49	.025	-2.43	.025	-.93
.150	-2.30	.029	-4.43	.050	-2.91	.050	-.80
.200	-2.83	.057	-3.65	.075	-3.29	.100	-.84
.300	-3.53	.086	-2.80	.100	-3.46	.150	-.83
.400	-2.92	.114	-2.46	.149	-3.38	.200	-.85
.500	-3.16	.172	-1.90	.200	-3.28	.250	-.80
.600	-3.29	.229	-1.83	.250	-3.22	.300	-.72
.700	-2.85	.286	-1.65	.300	-3.26	.400	-.72
.800	-2.91	.343	-1.45	.350	-3.08	.500	-.51
		.400	-1.38	.400	-2.94	.600	-.41
		.458	-1.28	.500	-2.06	.703	-.35
		.571	-1.23	.600	-1.53	.826	-.22
		.686	-1.22	.700	-1.22		
		.801	-1.28	.800	-.99		
		.915	-1.47				
		.967	-1.61				
		.994	-1.87				
			LOWER	SURFACE			
.075	.76	.029	1.05	.025	-.36	.025	.75
.150	.65	.057	.96	.050	.20	.050	.91
.200	.78	.086	.93	.075	.56	.100	.98
.300	.80	.114	.89	.100	.77	.150	.98
.400	.78	.172	.75	.150	.97	.200	.95
.500	.79	.229	.77	.200	1.04	.250	.95
.600	.79	.286	.70	.250	1.04	.300	.94
.700	.68	.343	.70	.300	1.01	.400	.94
.861	.27	.400	.64	.350	.99	.500	.79
		.458	.63	.400	.94	.600	.94
		.571	.63	.500	.77	.703	.94
		.686	.59	.600	-.27	.756	.95
				.700	-.31		

ALPHA = 12.34 DEGREES DYNAMIC PRESSURE = 11.094 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.47	0.000	-.69	.025	-2.38	.025	-.91
.150	-3.16	.029	-4.87	.050	-2.93	.050	-.79
.200	-3.32	.057	-4.12	.075	-3.23	.100	-.80
.300	-3.69	.086	-3.23	.100	-3.32	.150	-.77
.400	-3.50	.114	-2.84	.149	-3.40	.200	-.79
.500	-3.77	.172	-2.16	.200	-3.31	.250	-.76
.600	-3.50	.229	-1.93	.250	-3.28	.300	-.70
.700	-3.46	.286	-1.83	.300	-3.19	.400	-.63
.800	-3.08	.343	-1.60	.350	-3.05	.500	-.51
		.400	-1.46	.400	-2.87	.600	-.43
		.458	-1.39	.500	-1.96	.703	-.34
		.571	-1.28	.600	-1.55	.826	-.16
		.686	-1.26	.700	-1.25		
		.801	-1.32	.800	-.90		
		.915	-1.50				
		.967	-1.67				
		.994	-1.80				
			LOWER	SURFACE			
.075	1.00	.029	.98	.025	-.25	.025	.73
.150	.86	.057	1.02	.050	.22	.050	.96
.200	.86	.086	.99	.075	.54	.100	1.00
.300	.99	.114	.97	.100	.81	.150	1.01
.400	.84	.172	.86	.150	.98	.200	.98
.500	.86	.229	.82	.200	1.04	.250	1.00
.600	.80	.286	.79	.250	1.03	.300	.98
.700	.68	.343	.73	.300	1.02	.400	.96
.861	.22	.400	.70	.350	.98	.500	.80
		.458	.70	.400	.97	.600	.90
		.571	.68	.500	.84	.703	.94
		.686	.68	.600	-.24	.756	1.02
				.700	-.25		

ALPHA = 14.28 DEGREES DYNAMIC PRESSURE = 10.977 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.95	0.000	-.85	.025	-2.35	.025	-.90
.150	-4.26	.029	-4.03	.050	-2.80	.050	-.86
.200	-4.32	.057	-3.97	.075	-3.32	.100	-.81
.300	-4.39	.086	-3.38	.100	-3.37	.150	-.77
.400	-4.42	.114	-3.00	.149	-3.35	.200	-.76
.500	-4.30	.172	-2.32	.200	-3.22	.250	-.75
.600	-4.13	.229	-2.17	.250	-3.26	.300	-.67
.700	-3.66	.286	-1.94	.300	-3.12	.400	-.61
.800	-3.19	.343	-1.64	.350	-3.05	.500	-.49
		.400	-1.53	.400	-2.79	.600	-.38
		.458	-1.40	.500	-1.71	.703	-.27
		.571	-1.34	.600	-1.49	.826	-.16
		.686	-1.30	.700	-1.26		
		.801	-1.33	.800	-.91		
		.915	-1.54				
		.967	-1.66				
		.994	-1.66				
			LOWER	SURFACE			
.075	1.00	.029	.94	.025	-.11	.025	.72
.150	.85	.057	1.03	.050	.29	.050	.92
.200	.89	.086	1.01	.075	.51	.100	.95
.300	.85	.114	1.01	.100	.75	.150	.97
.400	.85	.172	.93	.150	.98	.200	1.00
.500	.85	.229	.86	.200	1.00	.250	1.02
.600	.78	.286	.87	.250	1.02	.300	.93
.700	.69	.343	.74	.300	1.00	.400	1.00
.861	.16	.400	.77	.350	1.00	.500	.78
		.458	.70	.400	.97	.600	.95
		.571	.71	.500	.83	.703	.94
		.686	.68	.600	-.27	.756	1.04
				.700	-.26		

ALPHA = 16.18 DEGREES DYNAMIC PRESSURE = 10.927 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.69	0.000	-.73	.025	-1.29	.025	-1.10
.150	-3.43	.029	-4.37	.050	-2.00	.050	-1.08
.200	-4.56	.057	-4.46	.075	-2.52	.100	-1.07
.300	-5.25	.086	-2.95	.100	-1.87	.150	-.92
.400	-4.63	.114	-2.38	.149	-1.89	.200	-1.12
.500	-3.61	.172	-1.81	.200	-2.07	.250	-.95
.600	-4.29	.229	-1.80	.250	-2.16	.300	-.85
.700	-3.23	.286	-1.57	.300	-1.45	.400	-.98
.800	-2.54	.343	-1.04	.350	-1.93	.500	-.47
		.400	-1.09	.400	-1.53	.600	-.39
		.458	-1.06	.500	-1.15	.703	-.30
		.571	-1.37	.600	-1.51	.826	-.70
		.686	-.92	.700	-1.19		
		.801	-1.36	.800	-.79		
		.915	-1.55				
		.967	-1.70				
		.994	-1.13				
			LOWER	SURFACE			
.075	.99	.029	.98	.025	-.11	.025	.67
.150	.91	.057	1.03	.050	.26	.050	.89
.200	.95	.086	.97	.075	.59	.100	1.00
.300	.91	.114	.97	.100	.84	.150	.97
.400	.91	.172	.88	.150	.99	.200	.98
.500	.85	.229	.84	.200	1.00	.250	.95
.600	.78	.286	.83	.250	1.03	.300	.91
.700	.72	.343	.78	.300	.98	.400	.96
.861	.32	.400	.75	.350	.99	.500	.71
		.458	.68	.400	.97	.600	.94
		.571	.71	.500	.85	.703	.88
		.686	.65	.600	-.35	.756	1.06
				.700	-.30		

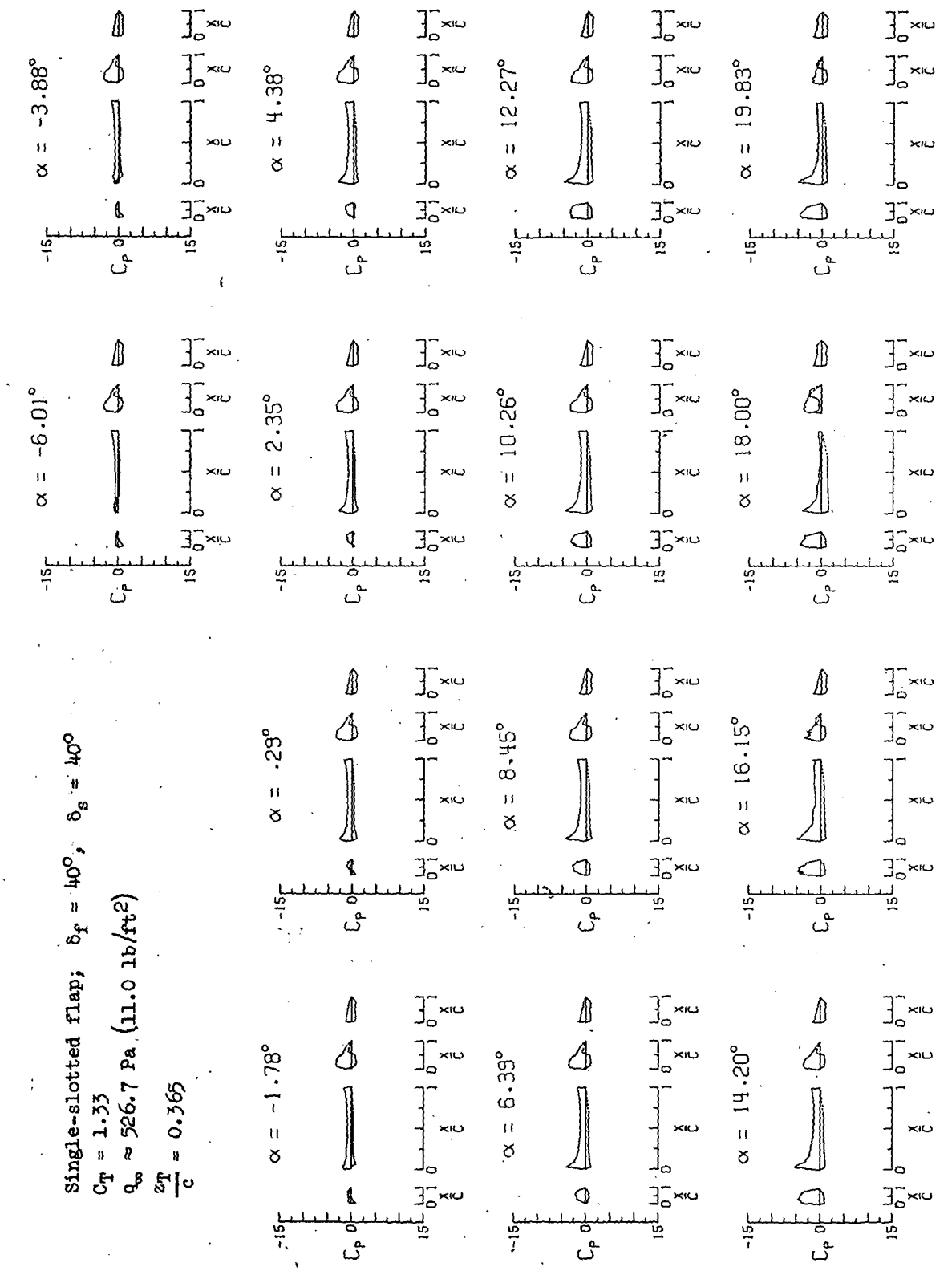
ALPHA = 18.03 DEGREES DYNAMIC PRESSURE = 10.979 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-4.25	0.000	-.55	.025	-1.40	.025	-1.28
.150	-4.72	.029	-4.62	.050	-1.93	.050	-1.06
.200	-3.92	.057	-3.41	.075	-1.86	.100	-1.24
.300	-4.34	.086	-2.49	.100	-1.84	.150	-1.15
.400	-3.72	.114	-2.20	.149	-1.87	.200	-1.19
.500	-4.33	.172	-1.67	.200	-1.57	.250	-1.13
.600	-3.32	.229	-1.37	.250	-1.64	.300	-1.06
.700	-3.38	.286	-1.20	.300	-1.52	.400	-1.00
.900	-2.58	.343	-1.11	.350	-1.66	.500	-.92
		.400	-1.06	.400	-1.63	.600	-.97
		.458	-.94	.500	-1.16	.703	-.92
		.571	-.80	.600	-.93	.826	-.59
		.686	-1.14	.700	-1.03		
		.801	-.78	.800	-.89		
		.915	-.95				
		.967	-.82				
		.994	-1.11				
			LOWER	SURFACE			
.075	1.00	.029	.93	.025	-.03	.025	.72
.150	.97	.057	1.03	.050	.39	.050	.90
.200	.92	.086	.95	.075	.63	.100	.97
.300	.89	.114	.98	.100	.85	.150	.95
.400	.91	.172	.93	.150	1.02	.200	.98
.500	.84	.229	.86	.200	1.02	.250	.95
.600	.81	.286	.84	.250	1.01	.300	.89
.700	.71	.343	.78	.300	.95	.400	.91
.861	.23	.400	.77	.350	.97	.500	.71
		.458	.71	.400	.93	.600	.88
		.571	.70	.500	.71	.703	.89
		.686	.73	.600	-.56	.756	.90
				.700	-.49		

ALPHA = 19.90 DEGREES DYNAMIC PRESSURE = 10.996 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-5.27	0.000	-.86	.025	-1.22	.025	-1.26
.150	-4.32	.029	-4.71	.050	-1.69	.050	-1.14
.200	-4.36	.057	-3.85	.075	-2.29	.100	-1.20
.300	-4.23	.086	-2.64	.100	-1.81	.150	-1.13
.400	-3.72	.114	-2.18	.149	-1.56	.200	-.97
.500	-4.19	.172	-1.49	.200	-1.31	.250	-1.07
.600	-3.35	.229	-1.60	.250	-1.58	.300	-.99
.700	-3.34	.286	-1.09	.300	-2.04	.400	-1.09
.900	-2.45	.343	-1.37	.350	-1.78	.500	-.93
		.400	-1.04	.400	-1.42	.600	-.93
		.458	-.94	.500	-1.22	.703	-.88
		.571	-.77	.600	-.97	.826	-.80
		.686	-.96	.700	-1.00		
		.801	-.65	.800	-1.00		
		.915	-.86				
		.967	-.90				
		.994	-1.15				
			LOWER	SURFACE			
.075	1.04	.029	.85	.025	-.03	.025	.72
.150	1.00	.057	1.03	.050	.36	.050	.92
.200	1.00	.086	1.00	.075	.64	.100	.99
.300	.96	.114	.99	.100	.89	.150	.98
.400	.99	.172	.93	.150	1.00	.200	1.01
.500	.92	.229	.93	.200	.99	.250	.98
.600	.84	.286	.85	.250	1.02	.300	.92
.700	.80	.343	.79	.300	.99	.400	.94
.861	.22	.400	.77	.350	.97	.500	.78
		.458	.74	.400	.84	.600	.89
		.571	.69	.500	.74	.703	.88
		.686	.67	.600	-.64	.756	.92
				.700	-.42		

APPENDIX F


Single-slotted flap; $\delta_f = 40°$, $\delta_s = 40°$
$C_T = 1.33$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.365$
α = -3.88°
α = -6.01°
α = 4.38°
α = 2.35°
α = 12.27°
α = 10.26°
α = 19.83°
α = 18.00°
α = .29°
α = -1.78°
α = 8.45°
α = 6.39°
α = 16.15°
α = 14.20°
C_p
x/c

ALPHA = -6.01 DEGREES DYNAMIC PRESSURE = 11.016 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.04	0.000	-.55	.025	-2.35	.025	-1.44
.150	.94	.029	-.75	.050	-2.38	.050	-1.28
.200	.81	.057	-.90	.075	-2.67	.100	-1.19
.300	.51	.086	-.93	.100	-2.89	.150	-1.11
.400	.27	.114	-.75	.149	-3.05	.200	-1.05
.500	.07	.172	-.54	.200	-2.92	.250	-.99
.600	-.27	.229	-.64	.250	-2.98	.300	-.95
.700	-.27	.286	-.64	.300	-2.92	.400	-.89
.800	-.37	.343	-.61	.350	-2.72	.500	-.74
		.400	-.56	.400	-2.58	.600	-.64
		.458	-.53	.500	-1.96	.703	-.60
		.571	-.66	.600	-1.65	.826	-.49
		.686	-.69	.700	-1.37		
		.801	-.86	.800	-1.08		
		.915	-1.09				
		.967	-1.36				
		.994	-1.50				
			LOWER	SURFACE			
.075	-.43	.029	-.56	.025	-.42	.025	.36
.150	-.45	.057	-.58	.050	-.14	.050	.73
.200	-.50	.086	-.22	.075	.25	.100	.90
.300	-.48	.114	-.42	.100	.58	.150	.90
.400	-.49	.172	-.23	.150	.54	.200	.92
.500	-.49	.229	.33	.200	.85	.250	.89
.600	-.43	.286	.24	.250	.85	.300	.86
.700	-.42	.343	.25	.300	.88	.400	.88
.861	-.45	.400	.27	.350	.86	.500	.72
		.458	.29	.400	.73	.600	.89
		.571	.28	.500	.68	.703	.89
		.686	.35	.600	-1.03	.756	1.01
				.700	-.63		

ALPHA = -3.89 DEGREES DYNAMIC PRESSURE = 10.941 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.06	0.000	-.90	.025	-2.73	.025	-1.39
.150	.86	.029	-.94	.050	-2.61	.050	-1.25
.200	.64	.057	-.97	.075	-2.93	.100	-1.14
.300	.35	.086	-1.29	.100	-3.07	.150	-1.13
.400	.03	.114	-.98	.149	-3.05	.200	-1.10
.500	-.29	.172	-.80	.200	-3.11	.250	-1.02
.600	-.44	.229	-.78	.250	-3.12	.300	-.94
.700	-.47	.286	-.75	.300	-3.05	.400	-.88
.800	-.54	.343	-.71	.350	-2.93	.500	-.75
		.400	-.72	.400	-2.69	.600	-.62
		.458	-.69	.500	-2.07	.703	-.57
		.571	-.80	.600	-1.67	.826	-.46
		.686	-.84	.700	-1.37		
		.801	-.93	.800	-1.14		
		.915	-1.15				
		.967	-1.49				
		.994	-1.61				
			LOWER	SURFACE			
.075	-.45	.029	-.72	.025	-.54	.025	.49
.150	-.46	.057	.29	.050	-.10	.050	.85
.200	-.53	.086	.43	.075	.33	.100	.88
.300	-.61	.114	.69	.100	.66	.150	.88
.400	-.40	.172	.41	.150	.87	.200	.91
.500	-.60	.229	.49	.200	.98	.250	.92
.600	-.54	.286	.29	.250	.98	.300	.88
.700	-.44	.343	.29	.300	.99	.400	.92
.861	-.36	.400	.29	.350	.93	.500	.74
		.458	.27	.400	.91	.600	.90
		.571	.30	.500	.67	.703	.84
		.686	.37	.600	-.62	.756	.97
				.700	-.61		

ALPHA = -1.78 DEGREES DYNAMIC PRESSURE = 10.919 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.02	0.000	-1.67	.025	-2.20	.025	-1.31
.150	.67	.329	-1.84	.050	-2.72	.050	-1.20
.200	.53	.057	-1.36	.075	-3.06	.100	-1.13
.300	.07	.086	-1.39	.100	-3.17	.150	-1.09
.400	-.18	.114	-1.08	.149	-3.26	.200	-1.10
.500	-.57	.172	-1.05	.200	-3.19	.250	-1.02
.600	-.60	.229	-1.07	.250	-3.13	.300	-.97
.700	-.71	.286	-.98	.300	-3.17	.400	-.85
.900	-.66	.343	-.85	.350	-3.00	.500	-.77
		.400	-.81	.400	-2.84	.600	-.67
		.458	-.81	.500	-2.05	.703	-.53
		.571	-.83	.600	-1.71	.826	-.46
		.686	-.91	.700	-1.45		
		.801	-.96	.800	-1.15		
		.915	-1.25				
		.967	-1.48				
		.994	-1.62				
			LOWER	SURFACE			
.075	-.49	.029	-.33	.025	-.52	.025	.57
.150	-.50	.057	.93	.050	-.01	.050	.85
.200	-.58	.086	.79	.075	.41	.100	.88
.300	-.50	.114	.64	.100	.65	.150	.92
.400	-.66	.172	.46	.150	.93	.200	.88
.500	-.53	.229	.36	.200	1.01	.250	.91
.600	-.51	.286	.34	.250	.98	.300	.86
.700	-.52	.343	.29	.300	.96	.400	.96
.861	-.29	.400	.35	.350	.89	.500	.73
		.458	.32	.400	.88	.600	.88
		.571	.36	.500	.74	.703	.86
		.686	.38	.600	-.68	.756	1.03
				.700	-.59		

ALPHA = .29 DEGREES DYNAMIC PRESSURE = 10.885 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.91	0.000	-1.85	.025	-2.31	.025	-1.47
.150	.46	.029	-2.73	.050	-2.87	.050	-1.22
.200	.24	.057	-1.95	.075	-3.23	.100	-1.18
.300	-.23	.086	-1.69	.100	-3.27	.150	-1.10
.400	-.61	.114	-1.60	.149	-3.32	.200	-1.12
.500	-.96	.172	-1.16	.200	-3.27	.250	-1.02
.600	-1.12	.229	-1.15	.250	-3.26	.300	-.98
.700	-.99	.286	-1.14	.300	-3.25	.400	-.89
.800	-.89	.343	-1.02	.350	-3.06	.500	-.77
		.400	-.91	.400	-2.90	.600	-.66
		.458	-.94	.500	-2.10	.703	-.53
		.571	-.97	.600	-1.72	.826	-.46
		.686	-1.01	.700	-1.45		
		.801	-1.05	.900	-1.17		
		.915	-1.31				
		.967	-1.52				
		.994	-1.73				
			LOWER	SURFACE			
.075	-.28	.029	.99	.025	-.47	.025	.44
.150	-.21	.057	.97	.050	.03	.050	.83
.200	-.34	.086	.79	.075	.44	.100	.89
.300	-.32	.114	.65	.100	.74	.150	.93
.400	-.22	.172	.45	.150	.98	.200	.96
.500	-.46	.229	.38	.200	1.04	.250	.90
.600	-.37	.286	.43	.250	.99	.300	.92
.700	-.15	.343	.38	.300	.96	.400	.93
.861	.14	.400	.38	.350	.95	.500	.73
		.458	.38	.400	.88	.600	.93
		.571	.43	.500	.74	.703	.86
		.686	.43	.600	-.78	.756	1.04
				.700	-.58		

ALPHA = 2.35 DEGREES DYNAMIC PRESSURE = 10.904 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.51	0.000	-1.19	.025	-2.40	.025	-1.52
.150	-.16	.029	-2.98	.050	-2.88	.050	-1.26
.200	-.02	.057	-2.46	.075	-3.34	.100	-1.18
.300	-.71	.086	-1.81	.100	-3.37	.150	-1.18
.400	-1.08	.114	-1.62	.149	-3.42	.200	-1.10
.500	-1.20	.172	-1.37	.200	-3.38	.250	-1.08
.600	-1.11	.229	-1.28	.250	-3.43	.300	-.99
.700	-1.22	.286	-1.18	.300	-3.31	.400	-.85
.800	-1.29	.343	-1.11	.350	-3.21	.500	-.75
		.400	-1.03	.400	-3.04	.600	-.63
		.458	-.92	.500	-2.09	.703	-.56
		.571	-.97	.600	-1.75	.826	-.46
		.686	-1.03	.700	-1.44		
		.801	-1.12	.800	-1.216		
		.915	-1.35				
		.967	-1.57				
		.994	-1.75				
			LOWER	SURFACE			
.075	.04	.029	1.00	.025	-.46	.025	.44
.150	-.09	.057	.90	.050	.08	.050	.82
.200	-.04	.086	.80	.075	.48	.100	.92
.300	-.14	.114	.64	.100	.72	.150	.97
.400	-.16	.172	.53	.150	.97	.200	.96
.500	.00	.229	.47	.200	1.01	.250	.97
.600	-.06	.286	.47	.250	1.03	.300	.93
.700	.07	.343	.43	.300	.99	.400	.97
.861	.37	.400	.42	.350	.92	.500	.79
		.458	.46	.400	.91	.600	.95
		.571	.44	.500	.69	.703	.91
		.686	.46	.600	-.67	.756	1.03
				.700	-.61		

ALPHA = 4.38 DEGREES DYNAMIC PRESSURE = 10.940 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.48	0.000	-.64	.025	-2.43	.025	-1.46
.150	-.41	.029	-3.32	.050	-2.88	.050	-1.27
.200	-.74	.057	-2.73	.075	-3.37	.100	-1.18
.300	-1.23	.086	-2.15	.100	-3.48	.150	-1.09
.400	-1.47	.114	-1.90	.149	-3.58	.200	-1.10
.500	-1.50	.172	-1.43	.200	-3.40	.250	-1.05
.600	-1.69	.229	-1.43	.250	-3.35	.300	-.96
.700	-1.65	.286	-1.32	.300	-3.43	.400	-.89
.800	-1.49	.343	-1.21	.350	-3.17	.500	-.75
		.400	-1.09	.400	-3.00	.600	-.64
		.458	-1.08	.500	-2.15	.703	-.51
		.571	-1.04	.600	-1.80	.826	-.41
		.686	-1.10	.700	-1.49		
		.801	-1.16	.800	-1.12		
		.915	-1.45				
		.967	-1.68				
		.994	-1.80				
			LOWER	SURFACE			
.075	.25	.029	1.02	.025	-.53	.025	.45
.150	.11	.057	.90	.050	.10	.050	.84
.200	.20	.086	.79	.075	.43	.100	.96
.300	.22	.114	.75	.100	.72	.150	.99
.400	.21	.172	.59	.150	.94	.200	.96
.500	.04	.229	.57	.200	1.01	.250	.96
.600	.40	.286	.47	.250	1.03	.300	.97
.700	.37	.343	.53	.300	.97	.400	.95
.861	.40	.400	.50	.350	.96	.500	.80
		.458	.45	.400	.84	.600	.98
		.571	.50	.500	.76	.703	.92
		.686	.49	.600	-.79	.756	1.09
				.700	-.58		

ALPHA = 6.40 DEGREES DYNAMIC PRESSURE = 10.898 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.31	0.000	-.37	.025	-2.40	.025	-1.68
.150	-.85	.029	-4.04	.050	-2.96	.050	-1.31
.200	-1.07	.057	-3.15	.075	-3.35	.100	-1.23
.300	-1.84	.086	-2.40	.100	-3.48	.150	-1.15
.400	-1.87	.114	-2.18	.149	-3.55	.200	-1.13
.500	-1.93	.172	-1.71	.200	-3.44	.250	-1.01
.600	-2.18	.229	-1.51	.250	-3.45	.300	-.96
.700	-1.91	.286	-1.44	.300	-3.40	.400	-.89
.800	-1.78	.343	-1.29	.350	-3.08	.500	-.76
		.400	-1.19	.400	-3.07	.600	-.61
		.458	-1.09	.500	-2.17	.703	-.49
		.571	-1.12	.600	-1.79	.826	-.43
		.686	-1.14	.700	-1.46		
		.801	-1.19	.800	-1.15		
		.915	-1.47				
		.967	-1.67				
		.994	-1.82				
			LOWER	SURFACE			
.075	.36	.029	1.07	.025	-.41	.025	.48
.150	.53	.057	.94	.050	.11	.050	.85
.200	.36	.086	.96	.075	.49	.100	.98
.300	.55	.114	.78	.100	.77	.150	1.02
.400	.71	.172	.72	.150	.97	.200	1.01
.500	.71	.229	.62	.200	1.04	.250	.97
.600	.68	.286	.56	.250	.97	.300	.96
.700	.63	.343	.61	.300	1.02	.400	.94
.861	.33	.400	.59	.350	.92	.500	.78
		.458	.55	.400	.95	.600	.97
		.571	.51	.500	.79	.703	.98
		.686	.59	.600	-.77	.756	1.08
				.700	-.57		

ALPHA = 8.45 DEGREES DYNAMIC PRESSURE = 10.856 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.98	0.000	-.45	.025	-2.42	.025	-1.65
.150	-1.46	.029	-4.38	.050	-2.98	.050	-1.38
.200	-1.84	.057	-3.54	.075	-3.42	.100	-1.22
.300	-2.61	.086	-2.72	.100	-3.49	.150	-1.16
.400	-2.65	.114	-2.34	.149	-3.54	.200	-1.13
.500	-2.58	.172	-1.80	.200	-3.44	.250	-1.04
.600	-2.90	.229	-1.74	.253	-3.38	.309	-.97
.700	-2.42	.286	-1.58	.300	-3.36	.400	-.87
.800	-2.24	.343	-1.44	.350	-3.24	.500	-.72
		.400	-1.26	.400	-3.06	.600	-.61
		.458	-1.21	.500	-2.15	.703	-.47
		.571	-1.21	.600	-1.76	.826	-.36
		.686	-1.20	.700	-1.47		
		.801	-1.26	.800	-1.08		
		.915	-1.54				
		.967	-1.72				
		.994	-1.87				
			LOWER	SURFACE			
.075	.72	.029	1.03	.025	-.38	.025	.47
.150	.70	.057	.98	.050	.12	.050	.81
.200	.68	.086	.86	.075	.50	.100	1.00
.300	.69	.114	.85	.100	.78	.150	1.04
.400	.78	.172	.76	.150	.93	.200	1.01
.500	.77	.229	.70	.200	1.02	.250	1.00
.600	.77	.286	.64	.250	.98	.300	.99
.700	.66	.343	.59	.300	.95	.400	1.00
.861	.26	.400	.60	.350	.97	.500	.80
		.458	.58	.400	.93	.600	1.00
		.571	.59	.500	.80	.703	.97
		.686	.60	.600	-.77	.756	1.17
				.700	-.62		

ALPHA = 10.27 DEGREES DYNAMIC PRESSURE = 11.030 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.16	0.000	-.58	.025	-2.42	.025	-1.69
.150	-2.90	.029	-4.63	.050	-3.22	.050	-1.39
.200	-3.31	.057	-3.76	.075	-3.47	.100	-1.20
.300	-3.11	.086	-2.85	.100	-3.58	.150	-1.13
.400	-3.41	.114	-2.61	.149	-3.57	.200	-1.12
.500	-3.18	.172	-1.99	.200	-3.48	.250	-1.07
.600	-3.09	.229	-1.87	.250	-3.53	.300	-.91
.700	-2.76	.286	-1.66	.300	-3.32	.400	-.81
.800	-2.87	.343	-1.53	.350	-3.28	.500	-.70
		.400	-1.33	.400	-2.85	.600	-.57
		.458	-1.32	.500	-2.12	.703	-.43
		.571	-1.24	.600	-1.76	.826	-.29
		.686	-1.22	.700	-1.44		
		.801	-1.31	.800	-1.12		
		.915	-1.49				
		.967	-1.73				
		.994	-1.86				
			LOWER	SURFACE			
.075	.87	.029	.96	.025	-.37	.025	.45
.150	.79	.057	1.07	.050	.15	.050	.95
.200	.81	.086	.93	.075	.49	.100	1.04
.300	.79	.114	.87	.100	.77	.150	1.05
.400	.83	.172	.81	.150	.94	.200	1.07
.500	.80	.229	.78	.200	1.01	.250	1.03
.600	.81	.286	.73	.250	.99	.300	1.02
.700	.70	.343	.68	.300	.98	.400	1.05
.861	.75	.400	.67	.350	.95	.500	.86
		.458	.68	.400	.89	.600	1.03
		.571	.58	.500	.84	.703	1.00
		.686	.61	.600	-.78	.756	1.21
				.700	-.67		

ALPHA = 12.27 DEGREES DYNAMIC PRESSURE = 10.951 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.50	0.000	-.65	.025	-2.40	.025	-1.73
.150	-3.62	.029	-4.96	.050	-3.08	.050	-1.35
.200	-3.18	.057	-4.14	.075	-3.49	.100	-1.21
.300	-3.65	.086	-3.04	.100	-3.58	.150	-1.16
.400	-3.44	.114	-2.78	.149	-3.51	.200	-1.03
.500	-3.27	.172	-2.19	.200	-3.38	.250	-1.07
.600	-3.50	.229	-1.95	.250	-3.37	.300	-.93
.700	-3.34	.286	-1.79	.300	-3.17	.400	-.79
.800	-3.15	.343	-1.57	.350	-3.24	.500	-.69
		.400	-1.43	.400	-2.92	.600	-.55
		.458	-1.40	.500	-2.03	.703	-.44
		.571	-1.31	.600	-1.74	.826	-.33
		.686	-1.31	.700	-1.37		
		.801	-1.32	.800	-1.11		
		.915	-1.50				
		.967	-1.77				
		.994	-1.83				
			LOWER	SURFACE			
.075	.92	.029	.98	.025	-.32	.025	.34
.150	.83	.057	1.03	.050	.20	.050	.89
.200	.87	.086	.99	.075	.50	.100	1.03
.300	.90	.114	.91	.100	.72	.150	1.03
.400	.85	.172	.89	.150	.91	.200	1.07
.500	.78	.229	.83	.200	1.02	.250	1.03
.600	.78	.286	.75	.250	.99	.300	1.02
.700	.66	.343	.72	.300	.97	.400	1.03
.861	.23	.400	.68	.350	.96	.500	.88
		.458	.69	.400	.92	.600	1.07
		.571	.66	.500	.79	.703	1.05
		.686	.67	.600	-.86	756	1.18
				.700	-.60		

ALPHA = 14.21 DEGREES DYNAMIC PRESSURE = 10.974 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.74	0.000	-.72	.025	-2.35	.025	-1.73
.150	-3.98	.029	-5.37	.050	-2.90	.050	-1.40
.200	-3.65	.057	-4.67	.075	-3.36	.100	-1.26
.300	-4.64	.086	-3.31	.100	-3.42	.150	-1.13
.400	-4.18	.114	-3.00	.149	-3.55	.200	-1.10
.500	-4.15	.172	-2.28	.200	-3.48	.250	-1.03
.600	-3.96	.229	-2.08	.250	-3.33	.300	-.92
.700	-3.73	.286	-1.97	.300	-3.31	.400	-.79
.800	-3.22	.343	-1.69	.350	-3.19	.500	-.66
		.400	-1.53	.400	-2.93	.600	-.53
		.458	-1.48	.500	-2.06	.703	-.41
		.571	-1.35	.600	-1.72	.826	-.31
		.686	-1.32	.700	-1.31		
		.801	-1.32	.800	-.90		
		.915	-1.53				
		.967	-1.73				
		.994	-1.89				
			LOWER	SURFACE			
.075	.99	.029	.98	.025	-.31	.025	.36
.150	.93	.057	1.05	.050	.20	.050	.86
.200	.96	.086	1.00	.075	.53	.100	1.02
.300	.88	.114	.98	.100	.75	.150	1.07
.400	.88	.172	.93	.150	.90	.200	1.09
.500	.92	.229	.88	.200	.99	.250	1.08
.600	.80	.286	.83	.250	.99	.300	1.07
.700	.64	.343	.77	.300	.99	.400	1.07
.861	.13	.400	.72	.350	.98	.500	.93
		.458	.73	.400	.92	.600	1.12
		.571	.75	.500	.90	.703	1.05
		.686	.67	.600	-.80	.756	1.23
				.700	-.67		

ALPHA = 16.15 DEGREES DYNAMIC PRESSURE = 10.932 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.53	0.000	-.91	.025	-2.03	.025	-1.77
.150	-4.46	.029	-5.14	.050	-2.16	.050	-1.39
.200	-3.61	.057	-3.98	.075	-2.35	.100	-1.47
.300	-4.89	.086	-3.65	.100	-3.52	.150	-1.14
.400	-4.36	.114	-3.15	.149	-2.98	.200	-1.34
.500	-4.65	.172	-2.18	.200	-2.16	.250	-.98
.600	-3.59	.229	-1.61	.250	-2.69	.300	-1.02
.700	-3.06	.286	-1.60	.300	-2.06	.400	-.74
.800	-3.16	.343	-1.73	.350	-3.04	.500	-.90
		.400	-1.49	.400	-1.85	.600	-.52
		.458	-1.04	.500	-1.82	.703	-.47
		.571	-1.12	.600	-1.13	.826	-.30
		.686	-1.41	.700	-1.13		
		.801	-1.30	.800	-1.09		
		.915	-1.41				
		.967	-1.18				
		.994	-1.74				
			LOWER	SURFACE			
.075	1.02	.029	.98	.025	-.12	.025	.42
.150	.96	.057	1.04	.050	.33	.050	.85
.200	.96	.086	.99	.075	.56	.100	1.04
.300	.95	.114	.97	.100	.76	.150	1.12
.400	.98	.172	.91	.150	.95	.200	1.10
.500	.84	.229	.89	.200	1.00	.250	1.06
.600	.81	.286	.81	.250	.99	.300	.99
.700	.69	.343	.80	.300	.99	.400	1.04
.861	.09	.400	.77	.350	.97	.500	.95
		.458	.70	.400	.93	.600	1.09
		.571	.68	.500	.83	.703	1.01
		.686	.73	.600	-.94	.756	1.19
				.700	-.63		

ALPHA = 18.01 DEGREES DYNAMIC PRESSURE = 10.976 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.88	0.000	-.21	.025	-3.24	.025	-1.88
.150	-3.70	.029	-4.05	.050	-3.45	.050	-1.49
.200	-4.46	.057	-3.15	.075	-3.48	.100	-1.50
.300	-4.05	.086	-2.36	.100	-3.79	.150	-1.40
.400	-4.00	.114	-1.94	.149	-3.79	.200	-1.39
.500	-3.51	.172	-1.15	.200	-3.29	.250	-1.30
.600	-3.34	.229	-.90	.250	-3.61	.300	-1.14
.700	-3.72	.286	-.91	.300	-3.55	.400	-1.10
.900	-2.43	.343	-.90	.350	-3.31	.500	-.92
		.400	-.44	.400	-3.24	.600	-.93
		.458	-.63	.500	-2.90	.703	-1.00
		.571	-.31	.600	-2.74	.826	-1.02
		.686	-.25	.700	-2.53		
		.801	-.33	.800	-2.52		
		.915	-.48				
		.967	-.75				
		.994	-.70				
			LOWER	SURFACE			
.075	1.01	.029	1.53	.025	-1.60	.025	.40
.150	.98	.057	1.53	.050	-1.25	.050	.87
.200	.93	.086	1.50	.075	-.94	.100	.98
.300	.92	.114	1.55	.100	-.80	.150	1.07
.400	.86	.172	1.48	.150	-.60	.200	1.00
.500	.85	.229	1.42	.200	-.57	.250	1.06
.600	.81	.286	1.34	.250	-.52	.300	.99
.700	.73	.343	1.33	.300	-.56	.400	1.10
.861	.16	.400	1.33	.350	-.60	.500	.82
		.458	1.27	.400	-.60	.600	1.05
		.571	1.26	.500	-.72	.703	1.04
		.686	1.24	.600	-2.56	.756	1.21
				.700	-2.32		

ALPHA = 19.84 DEGREES DYNAMIC PRESSURE = 10.969 LBF/SQ.FT.

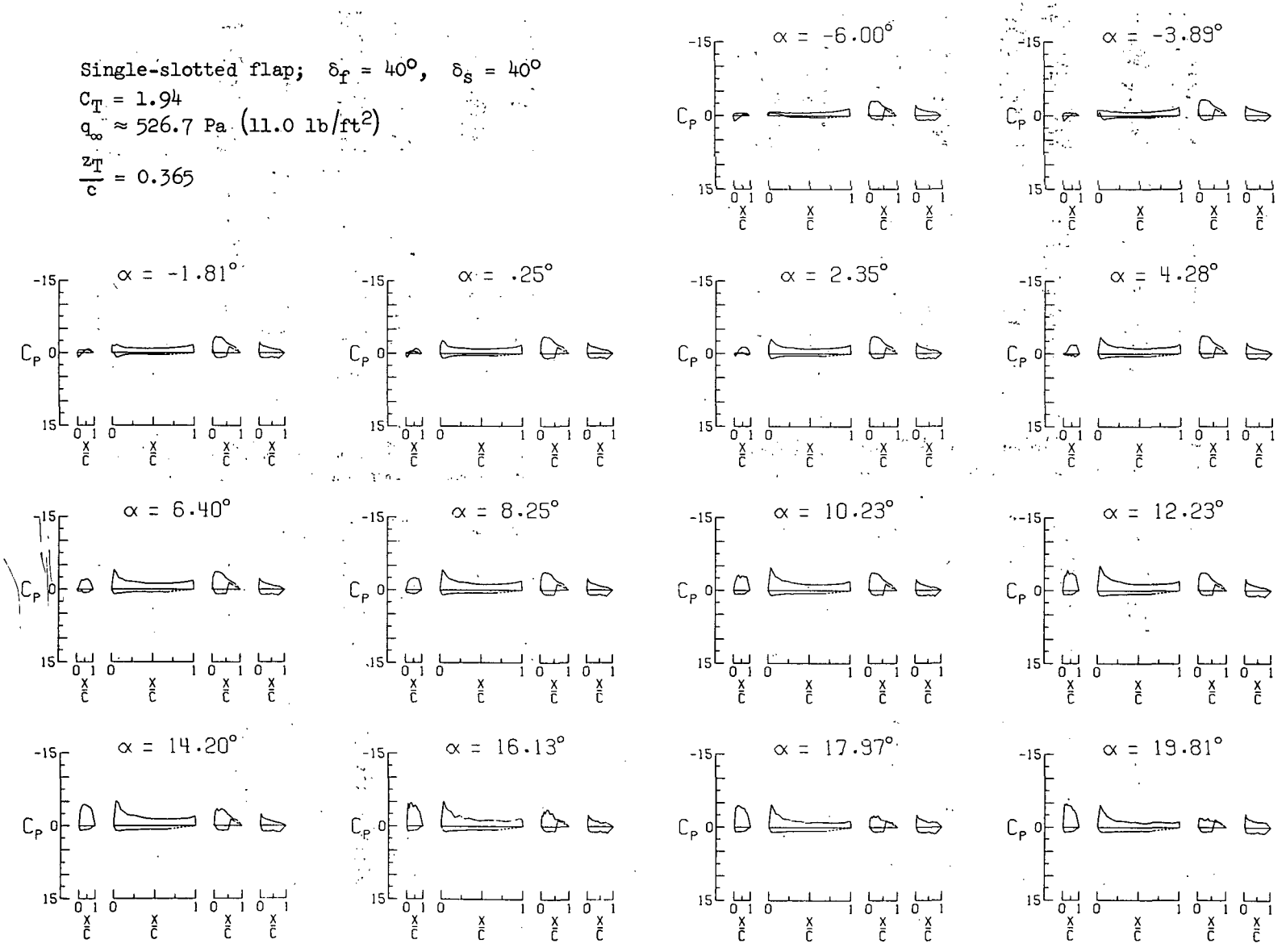
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-4.68	0.000	-.78	.025	-1.37	.025	-2.06
.150	-4.33	.029	-4.90	.050	-1.97	.050	-1.70
.200	-4.59	.057	-4.46	.075	-1.96	.100	-1.52
.300	-4.59	.086	-3.03	.100	-1.73	.150	-1.53
.400	-4.25	.114	-2.18	.149	-2.05	.200	-1.47
.500	-4.00	.172	-1.78	.200	-2.09	.250	-1.32
.600	-3.43	.229	-1.39	.250	-1.67	.300	-1.20
.700	-3.28	.286	-1.08	.300	-1.33	.400	-1.14
.900	-2.55	.343	-.91	.350	-1.53	.500	-1.00
		.400	-.98	.400	-1.41	.600	-1.00
		.458	-.99	.500	-1.36	.703	-1.03
		.571	-.74	.600	-1.06	.826	-.98
		.686	-.88	.700	-1.38		
		.801	-1.00	.800	-.97		
		.915	-1.04				
		.967	-1.12				
		.994	-1.26				
			LOWER	SURFACE			
.075	1.02	.029	.98	.025	-.01	.025	.33
.150	.99	.057	1.04	.050	.31	.050	.85
.200	1.04	.086	1.04	.075	.62	.100	1.09
.300	.99	.114	1.00	.100	.78	.150	1.07
.400	.93	.172	.93	.150	.95	.200	1.07
.500	.89	.229	.86	.200	1.01	.250	1.05
.600	.89	.286	.85	.250	1.03	.300	1.02
.700	.74	.343	.85	.300	.99	.400	1.07
.861	.31	.400	.81	.350	.96	.500	.89
		.458	.78	.400	.88	.600	1.07
		.571	.73	.500	.80	.703	1.09
		.686	.72	.600	-1.07	.756	1.23
				.700	-.84		

Single-slotted flap; $\delta_f = 40°$, $\delta_s = 40°$

$C_T = 1.94$

$q_\infty \approx 526.7$ Pa (11.0 lb/ft^2)

$\frac{z_T}{c} = 0.365$



ALPHA = -6.00 DEGREES DYNAMIC PRESSURE = 11.115 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.08	0.000	-.57	.025	-2.07	.025	-2.26
.150	.96	.029	-.80	.050	-2.45	.050	-1.79
.200	.85	.057	-.82	.075	-2.85	.100	-1.48
.300	.51	.086	-.81	.100	-3.05	.150	-1.31
.400	.29	.114	-.81	.149	-3.00	.200	-1.30
.500	.08	.172	-.67	.200	-2.94	.250	-1.19
.600	-.30	.229	-.57	.250	-2.93	.300	-1.10
.700	-.27	.286	-.66	.300	-3.05	.400	-.97
.900	-.34	.343	-.53	.350	-2.87	.500	-.83
		.400	-.56	.400	-2.70	.600	-.75
		.458	-.56	.500	-2.06	.703	-.63
		.571	-.67	.600	-1.72	.826	-.57
		.686	-.70	.700	-1.52		
		.801	-.86	.800	-1.20		
		.915	-1.18				
		.967	-1.36				
		.994	-1.53				
			LOWER	SURFACE			
.075	-.45	.029	-.63	.025	-.55	.025	.09
.150	-.43	.057	-.56	.050	-.13	.050	.68
.200	-.44	.086	-.52	.075	.12	.100	.89
.300	-.44	.114	-.47	.100	.37	.150	.95
.400	-.50	.172	-.29	.150	.64	.200	.95
.500	-.46	.229	.09	.200	.52	.250	.95
.600	-.44	.286	.22	.250	.77	.300	.95
.700	-.47	.343	.23	.300	.70	.400	.97
.961	-.45	.400	.21	.350	.72	.500	.75
		.458	.26	.400	.63	.600	.95
		.571	.29	.500	.85	.703	.93
		.686	.35	.600	-1.56	.756	1.13
				.700	-.97		

ALPHA = -3.90 DEGREES DYNAMIC PRESSURE = 10.961 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.03	0.000	-1.21	.025	-2.10	.025	-1.99
.150	.92	.029	-1.04	.050	-2.64	.050	-1.74
.200	.67	.057	-1.20	.075	-3.08	.100	-1.53
.300	.35	.086	-.92	.100	-3.08	.150	-1.38
.400	-.03	.114	-1.13	.149	-3.17	.200	-1.27
.500	-.11	.172	-.80	.200	-3.14	.250	-1.26
.600	-.46	.229	-.96	.250	-3.18	.300	-1.17
.700	-.47	.286	-.76	.300	-3.08	.400	-1.00
.900	-.91	.343	-.69	.350	-3.03	.500	-.85
		.400	-.70	.400	-2.82	.600	-.73
		.458	-.69	.500	-2.16	.703	-.65
		.571	-.76	.600	-1.76	.826	-.55
		.686	-.80	.700	-1.50		
		.801	-.99	.800	-1.21		
		.915	-1.21				
		.967	-1.45				
		.994	-1.62				
			LOWER	SURFACE			
.075	-.52	.029	-.76	.025	-.61	.025	.26
.150	-.51	.057	.41	.050	-.08	.050	.74
.200	-.50	.086	.81	.075	.26	.100	.91
.300	-.53	.114	.55	.100	.63	.150	.96
.400	-.64	.172	.50	.150	.90	.200	.94
.500	-.57	.229	.35	.200	.97	.250	.98
.600	-.58	.286	.30	.250	.94	.300	.97
.700	-.46	.343	.25	.300	.88	.400	1.05
.961	-.40	.400	.25	.350	.85	.500	.76
		.458	.28	.400	.80	.600	.97
		.571	.31	.500	.76	.703	.91
		.686	.35	.600	-1.40	.756	1.14
				.700	-.95		

ALPHA = -1.92 DEGREES DYNAMIC PRESSURE = 10.920 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.98	0.000	-1.58	.025	-2.26	.025	-2.73
.150	.84	.029	-1.30	.050	-2.69	.050	-1.89
.200	.46	.057	-1.64	.075	-3.09	.100	-1.59
.300	.10	.086	-1.40	.100	-3.26	.150	-1.43
.400	-.31	.114	-1.21	.149	-3.35	.200	-1.33
.500	-.48	.172	-.95	.200	-3.19	.250	-1.30
.600	-.71	.229	-.98	.250	-3.28	.300	-1.15
.700	-.75	.286	-.94	.300	-3.24	.400	-1.02
.800	-.65	.343	-.86	.350	-3.14	.500	-.88
		.400	-.93	.400	-2.83	.600	-.76
		.458	-.93	.500	-2.19	.703	-.69
		.571	-.86	.600	-1.82	.826	-.55
		.686	-.93	.700	-1.53		
		.801	-1.11	.800	-1.23		
		.915	-1.31				
		.967	-1.54				
		.994	-1.69				
			LOWER	SURFACE			
.075	-.52	.029	.16	.025	-.63	.025	.19
.150	-.57	.057	.96	.050	-.05	.050	.74
.200	-.51	.086	.82	.075	.38	.100	.93
.300	-.54	.114	.63	.100	.70	.150	1.01
.400	-.54	.172	.38	.150	.91	.200	1.01
.500	-.60	.229	.32	.200	1.01	.250	1.03
.600	-.59	.286	.29	.250	1.01	.300	.96
.700	-.53	.343	.26	.300	.96	.400	1.02
.961	-.31	.400	.29	.350	.88	.500	.76
		.458	.32	.400	.83	.600	.98
		.571	.35	.500	.71	.703	.90
		.686	.38	.600	-1.31	.756	1.19
				.700	-.97		

ALPHA = .25 DEGREES DYNAMIC PRESSURE = 10.895 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.91	0.000	-1.60	.025	-2.33	.025	-2.17
.150	.49	.029	-2.67	.050	-2.89	.050	-1.97
.200	.25	.057	-2.29	.075	-3.27	.100	-1.55
.300	-.17	.086	-1.49	.100	-3.38	.150	-1.43
.400	-.43	.114	-1.39	.149	-3.48	.200	-1.36
.500	-.71	.172	-1.21	.200	-3.38	.250	-1.25
.600	-.96	.229	-1.12	.250	-3.33	.300	-1.18
.700	-.93	.286	-1.11	.300	-3.37	.400	-1.05
.900	-.75	.343	-1.00	.350	-3.16	.500	-.87
		.400	-.89	.400	-2.95	.600	-.74
		.458	-.92	.500	-2.29	.703	-.66
		.571	-.91	.600	-1.85	.826	-.57
		.686	-1.01	.700	-1.48		
		.801	-1.07	.800	-1.27		
		.915	-1.30				
		.967	-1.59				
		.994	-1.78				
			LOWER	SURFACE			
.075	-.17	.029	.96	.025	-.53	.025	.06
.150	-.21	.057	.97	.050	-.04	.050	.70
.200	-.21	.086	.77	.075	.42	.100	.93
.300	-.44	.114	.62	.100	.71	.150	1.00
.400	-.45	.172	.45	.150	.93	.200	.99
.500	-.36	.229	.42	.200	.98	.250	1.00
.600	-.37	.286	.33	.250	1.00	.300	.96
.700	-.30	.343	.36	.300	.97	.400	1.05
.961	.14	.400	.39	.350	.87	.500	.78
		.458	.37	.400	.82	.600	.98
		.571	.39	.500	.83	.703	.96
		.686	.44	.600	-1.37	.756	1.22
				.700	-.94		

ALPHA = 2.35 DEGREES DYNAMIC PRESSURE = 10.931 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.54	0.000	-1.59	.025	-2.41	.025	-2.21
.150	.10	.029	-2.95	.050	-2.91	.050	-1.89
.200	-.26	.057	-2.45	.075	-3.30	.100	-1.58
.300	-.74	.086	-1.95	.100	-3.42	.150	-1.42
.400	-1.04	.114	-1.70	.149	-3.51	.200	-1.37
.500	-1.32	.172	-1.33	.200	-3.47	.250	-1.24
.600	-1.22	.229	-1.27	.250	-3.40	.300	-1.14
.700	-1.29	.286	-1.26	.300	-3.37	.400	-1.04
.900	-1.12	.343	-1.08	.350	-3.22	.500	-.83
		.400	-1.00	.400	-3.05	.600	-.71
		.458	-.99	.500	-2.33	.703	-.65
		.571	-1.00	.600	-1.83	.826	-.51
		.686	-1.05	.700	-1.55		
		.801	-1.16	.800	-1.34		
		.915	-1.40				
		.967	-1.59				
		.994	-1.83				
			LOWER	SURFACE			
.075	-.15	.029	1.01	.025	-.57	.025	.15
.150	-.12	.057	.92	.050	.03	.050	.71
.200	-.07	.086	.77	.075	.43	.100	.98
.300	-.09	.114	.66	.100	.67	.150	1.03
.400	-.14	.172	.53	.150	.85	.200	1.04
.500	-.25	.229	.47	.200	.96	.250	1.02
.600	-.09	.286	.43	.250	.97	.300	.99
.700	.11	.343	.46	.300	.95	.400	1.05
.861	.32	.400	.44	.350	.92	.500	.79
		.458	.44	.400	.84	.600	1.03
		.571	.41	.500	.82	.703	1.01
		.686	.49	.600	-1.36	.756	1.22
				.700	-.99		

ALPHA = 4.29 DEGREES DYNAMIC PRESSURE = 10.888 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.11	0.000	-.74	.025	-2.44	.025	-2.25
.150	-.32	.029	-3.43	.050	-3.00	.050	-1.92
.200	-.33	.057	-2.78	.075	-3.45	.100	-1.53
.300	-1.01	.086	-2.29	.100	-3.60	.150	-1.45
.400	-1.60	.114	-1.91	.149	-3.60	.200	-1.39
.500	-1.79	.172	-1.61	.200	-3.52	.250	-1.23
.600	-1.76	.229	-1.40	.250	-3.54	.300	-1.13
.700	-1.72	.286	-1.47	.300	-3.49	.400	-1.03
.900	-1.75	.343	-1.24	.350	-3.31	.500	-.88
		.400	-1.18	.400	-3.04	.600	-.76
		.458	-1.12	.500	-2.30	.703	-.64
		.571	-1.10	.600	-1.95	.826	-.55
		.686	-1.16	.700	-1.61		
		.801	-1.23	.800	-1.30		
		.915	-1.46				
		.967	-1.69				
		.994	-1.85				
			LOWER	SURFACE			
.075	.23	.029	1.01	.025	-.54	.025	.13
.150	.16	.057	.94	.050	-.05	.050	.76
.200	.17	.086	.89	.075	.41	.100	.99
.300	.39	.114	.69	.100	.68	.150	1.09
.400	.12	.172	.60	.150	.88	.200	1.05
.500	.53	.229	.53	.200	.99	.250	1.06
.600	.08	.286	.49	.250	.93	.300	1.02
.700	.64	.343	.51	.300	.90	.400	1.08
.861	.35	.400	.50	.350	.81	.500	.84
		.458	.49	.400	.83	.600	1.06
		.571	.51	.500	.84	.703	1.03
		.686	.51	.600	-1.43	.756	1.25
				.700	-.99		

ALPHA = 6.40 DEGREES DYNAMIC PRESSURE = 10.910 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.19	0.000	-.31	.025	-2.46	.025	-2.33
.150	-.71	.029	-4.04	.050	-2.96	.050	-1.98
.200	-1.36	.057	-3.33	.075	-3.38	.100	-1.62
.300	-1.98	.086	-2.31	.100	-3.53	.150	-1.46
.400	-1.82	.114	-2.23	.149	-3.68	.200	-1.38
.500	-2.00	.172	-1.69	.200	-3.54	.250	-1.21
.600	-2.15	.229	-1.61	.250	-3.52	.300	-1.14
.700	-2.08	.286	-1.51	.300	-3.43	.400	-1.02
.800	-1.68	.343	-1.39	.350	-3.26	.500	-.85
		.400	-1.20	.400	-3.04	.600	-.70
		.458	-1.19	.500	-2.34	.703	-.64
		.571	-1.16	.600	-1.92	.826	-.52
		.686	-1.16	.700	-1.55		
		.801	-1.26	.800	-1.23		
		.915	-1.50				
		.967	-1.72				
		.994	-1.88				
			LOWER	SURFACE			
.075	.37	.029	1.01	.025	-.46	.025	.17
.150	.40	.057	.95	.050	.04	.050	.78
.200	.46	.086	.84	.075	.37	.100	1.01
.300	.26	.114	.81	.100	.67	.150	1.09
.400	.68	.172	.68	.150	.93	.200	1.05
.500	.69	.229	.59	.200	.95	.250	1.09
.600	.66	.286	.52	.250	.93	.300	1.02
.700	.63	.343	.57	.300	.92	.400	1.10
.861	.28	.400	.53	.350	.91	.500	.87
		.458	.55	.400	.86	.600	1.06
		.571	.54	.500	.87	.703	1.03
		.686	.55	.600	-1.44	.756	1.27
				.700	-.99		

ALPHA = 8.26 DEGREES DYNAMIC PRESSURE = 10.845 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.66	0.000	-.41	.025	-2.50	.025	-2.41
.150	-1.74	.029	-4.19	.050	-2.95	.050	-1.98
.200	-1.83	.057	-3.49	.075	-3.42	.100	-1.67
.300	-2.27	.086	-2.78	.100	-3.57	.150	-1.43
.400	-2.34	.114	-2.33	.149	-3.67	.200	-1.39
.500	-2.42	.172	-1.95	.200	-3.64	.250	-1.26
.600	-2.51	.229	-1.65	.250	-3.53	.300	-1.18
.700	-2.27	.286	-1.56	.300	-3.53	.400	-1.01
.800	-2.31	.343	-1.49	.350	-3.34	.500	-.82
		.400	-1.33	.400	-3.19	.600	-.68
		.458	-1.21	.500	-2.34	.703	-.59
		.571	-1.17	.600	-1.96	.826	-.47
		.686	-1.21	.700	-1.56		
		.801	-1.30	.800	-1.29		
		.915	-1.53				
		.967	-1.75				
		.994	-1.95				
			LOWER	SURFACE			
.075	.57	.029	1.05	.025	-.47	.025	.19
.150	.56	.057	.97	.050	.07	.050	.82
.200	.58	.086	.81	.075	.37	.100	1.02
.300	.73	.114	.80	.100	.67	.150	1.09
.400	.74	.172	.69	.150	.86	.200	1.08
.500	.78	.229	.65	.200	.95	.250	1.09
.600	.73	.286	.63	.250	.94	.300	1.05
.700	.67	.343	.57	.300	.93	.400	1.10
.861	.27	.400	.59	.350	.92	.500	.87
		.458	.56	.400	.92	.600	1.12
		.571	.60	.500	.92	.703	1.11
		.686	.56	.600	-1.33	.756	1.30
				.700	-.98		

ALPHA = 10.24 DEGREES DYNAMIC PRESSURE = 10.910 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.65	0.000	-.58	.025	-2.47	.025	-2.30
.150	-2.21	.029	-4.77	.050	-3.93	.050	-1.99
.200	-2.84	.057	-3.79	.075	-3.46	.100	-1.64
.300	-3.15	.086	-2.90	.100	-3.58	.150	-1.47
.400	-2.53	.114	-2.65	.149	-3.61	.200	-1.35
.500	-2.93	.172	-2.01	.200	-3.56	.250	-1.23
.600	-2.97	.229	-1.95	.250	-3.48	.300	-1.13
.700	-2.69	.286	-1.65	.300	-3.44	.400	-.98
.839	-2.82	.343	-1.50	.350	-3.31	.500	-.82
		.400	-1.36	.400	-3.00	.600	-.65
		.458	-1.29	.500	-2.29	.703	-.59
		.571	-1.24	.600	-1.90	.826	-.44
		.686	-1.25	.700	-1.49		
		.801	-1.30	.800	-1.21		
		.915	-1.52				
		.967	-1.81				
		.994	-1.93				
			LOWER	SURFACE			
.075	.84	.029	1.03	.025	-.39	.025	.13
.150	.76	.057	1.04	.050	.10	.050	.79
.200	.77	.086	.92	.075	.42	.100	1.05
.300	.79	.114	.88	.100	.68	.150	1.12
.400	.76	.172	.79	.150	.91	.200	1.08
.500	.79	.229	.64	.200	.96	.250	1.16
.600	.78	.286	.72	.250	1.00	.300	1.08
.700	.69	.343	.67	.300	.95	.400	1.12
.961	.28	.400	.66	.350	.92	.500	.86
		.458	.65	.400	.88	.600	1.17
		.571	.63	.500	.93	.703	1.05
		.686	.61	.600	-1.41	.756	1.30
				.700	-.98		

ALPHA = 12.23 DEGREES DYNAMIC PRESSURE = 10.931 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.33	0.000	-.58	.025	-2.56	.025	-2.49
.150	-3.19	.029	-5.17	.050	-3.10	.050	-1.89
.200	-3.02	.057	-4.25	.075	-3.40	.100	-1.62
.300	-4.27	.086	-3.21	.100	-3.68	.150	-1.44
.400	-3.36	.114	-2.94	.149	-3.61	.200	-1.35
.500	-3.56	.172	-2.29	.200	-3.64	.250	-1.23
.600	-3.59	.229	-2.05	.250	-3.59	.300	-1.12
.700	-3.26	.286	-1.88	.300	-3.52	.400	-.99
.809	-3.09	.343	-1.56	.350	-3.34	.500	-.81
		.400	-1.44	.400	-3.02	.600	-.62
		.458	-1.39	.500	-2.28	.703	-.58
		.571	-1.34	.600	-1.86	.826	-.46
		.686	-1.37	.700	-1.47		
		.801	-1.41	.800	-1.25		
		.915	-1.59				
		.967	-1.80				
		.994	-1.98				
			LOWER	SURFACE			
.075	.84	.029	1.01	.025	-.35	.025	.16
.150	.87	.057	1.03	.050	.07	.050	.78
.200	.86	.086	1.00	.075	.44	.100	1.04
.300	.84	.114	.94	.100	.62	.150	1.18
.400	.80	.172	.79	.150	.83	.200	1.10
.500	.81	.229	.80	.200	.93	.250	1.16
.600	.75	.286	.74	.250	.94	.300	1.10
.700	.61	.343	.75	.300	.93	.400	1.15
.961	.22	.400	.69	.350	.93	.500	.88
		.458	.66	.400	.88	.600	1.21
		.571	.62	.500	.91	.703	1.14
		.686	.64	.600	-1.40	.756	1.37
				.700	-.98		

ALPHA = 14.20 DEGREES DYNAMIC PRESSURE = 10.932 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.06	0.000	-.83	.025	-2.25	.025	-2.42
.150	-3.73	.029	-5.19	.050	-3.10	.050	-1.92
.200	-4.20	.057	-4.68	.075	-3.29	.100	-1.61
.300	-4.41	.086	-3.37	.100	-3.60	.150	-1.46
.400	-4.32	.114	-3.03	.149	-3.04	.200	-1.34
.500	-4.16	.172	-2.16	.200	-3.16	.250	-1.25
.600	-3.93	.229	-2.15	.250	-3.48	.300	-1.12
.700	-3.82	.286	-1.97	.300	-3.43	.400	-.98
.900	-3.25	.343	-1.71	.350	-3.25	.500	-.77
		.400	-1.54	.400	-2.99	.600	-.63
		.458	-1.43	.500	-2.29	.703	-.53
		.571	-1.39	.600	-1.84	.826	-.41
		.686	-1.36	.700	-1.35		
		.801	-1.44	.800	-1.20		
		.915	-1.53				
		.967	-1.81				
		.994	-1.99				
			LOWER	SURFACE			
.075	.95	.029	1.01	.025	-.26	.025	.18
.150	.86	.057	1.02	.050	.14	.050	.81
.200	.86	.086	1.05	.075	.43	.100	1.11
.300	.79	.114	.95	.100	.67	.150	1.19
.400	.78	.172	.86	.150	.86	.200	1.18
.500	.73	.229	.85	.200	.95	.250	1.16
.600	.69	.286	.81	.250	.95	.300	1.12
.700	.56	.343	.80	.300	.94	.400	1.20
.861	.02	.400	.70	.350	.92	.500	.99
		.458	.72	.400	.92	.600	1.24
		.571	.74	.500	.91	.703	1.29
		.686	.68	.600	-1.39	.756	1.35
				.700	-.98		

ALPHA = 16.14 DEGREES DYNAMIC PRESSURE = 11.023 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-4.78	0.000	-.93	.025	-2.39	.025	-2.46
.150	-5.60	.029	-5.24	.050	-2.33	.050	-2.01
.200	-4.71	.057	-3.95	.075	-2.48	.100	-1.61
.300	-4.76	.086	-3.29	.100	-3.20	.150	-1.45
.400	-3.95	.114	-3.10	.149	-2.66	.200	-1.28
.500	-4.33	.172	-1.83	.200	-3.43	.250	-1.23
.600	-4.13	.229	-2.26	.250	-3.55	.300	-1.07
.700	-3.37	.286	-1.55	.300	-2.69	.400	-1.12
.800	-2.93	.343	-1.70	.350	-2.54	.500	-.71
		.400	-1.34	.400	-2.81	.600	-.70
		.458	-1.12	.500	-1.52	.703	-.86
		.571	-1.28	.600	-1.61	.826	-.54
		.686	-1.23	.700	-1.20		
		.801	-1.06	.800	-1.07		
		.915	-1.40				
		.967	-1.68				
		.994	-1.41				
			LOWER	SURFACE			
.075	1.03	.029	.93	.025	-.23	.025	.17
.150	.98	.057	1.14	.050	.25	.050	.81
.200	.95	.086	1.01	.075	.50	.100	1.04
.300	.92	.114	.94	.100	.69	.150	1.14
.400	.87	.172	.91	.150	.93	.200	1.15
.500	.82	.229	.82	.200	.98	.250	1.12
.600	.82	.286	.82	.250	.89	.300	1.18
.700	.69	.343	.72	.300	.93	.400	1.17
.961	.11	.400	.72	.350	.89	.500	.90
		.458	.75	.400	.86	.600	1.19
		.571	.66	.500	.99	.703	1.09
		.686	.70	.600	-1.40	.756	1.37
				.700	-1.00		

ALPHA = 17.98 DEGREES DYNAMIC PRESSURE = 11.001 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-4.73	0.000	-.78	.025	-1.84	.025	-2.57
.150	-4.81	.029	-4.82	.050	-1.98	.050	-2.14
.200	-4.51	.057	-3.72	.075	-2.18	.100	-1.83
.300	-4.42	.086	-2.75	.100	-1.91	.150	-1.70
.400	-4.16	.114	-2.70	.149	-2.46	.200	-1.60
.500	-3.97	.172	-1.71	.200	-1.96	.250	-1.44
.600	-3.85	.229	-1.70	.250	-2.13	.300	-1.36
.700	-3.18	.286	-1.35	.300	-2.37	.400	-1.15
.900	-2.80	.343	-1.28	.350	-1.99	.500	-.93
		.400	-1.25	.400	-1.57	.600	-1.04
		.458	-.91	.500	-1.43	.703	-.92
		.571	-1.10	.600	-1.26	.826	-.90
		.686	-1.09	.700	-1.07		
		.901	-.97	.900	-1.03		
		.915	-1.03				
		.967	-1.32				
		.994	-1.30				
			LOWER	SURFACE			
.075	1.00	.029	.96	.025	-.12	.025	.19
.150	.96	.057	1.01	.050	.26	.050	.78
.200	.93	.086	.98	.075	.51	.100	1.01
.300	.90	.114	.96	.100	.75	.150	1.09
.400	.90	.172	.94	.150	.90	.200	1.14
.500	.88	.229	.83	.200	.98	.250	1.17
.600	.81	.286	.84	.250	.97	.300	1.14
.700	.70	.343	.79	.300	.95	.400	1.15
.961	.21	.400	.78	.350	.90	.500	.93
		.458	.71	.400	.87	.600	1.21
		.571	.70	.500	.95	.703	1.40
		.686	.71	.600	-1.43	.756	1.41
				.700	-1.06		

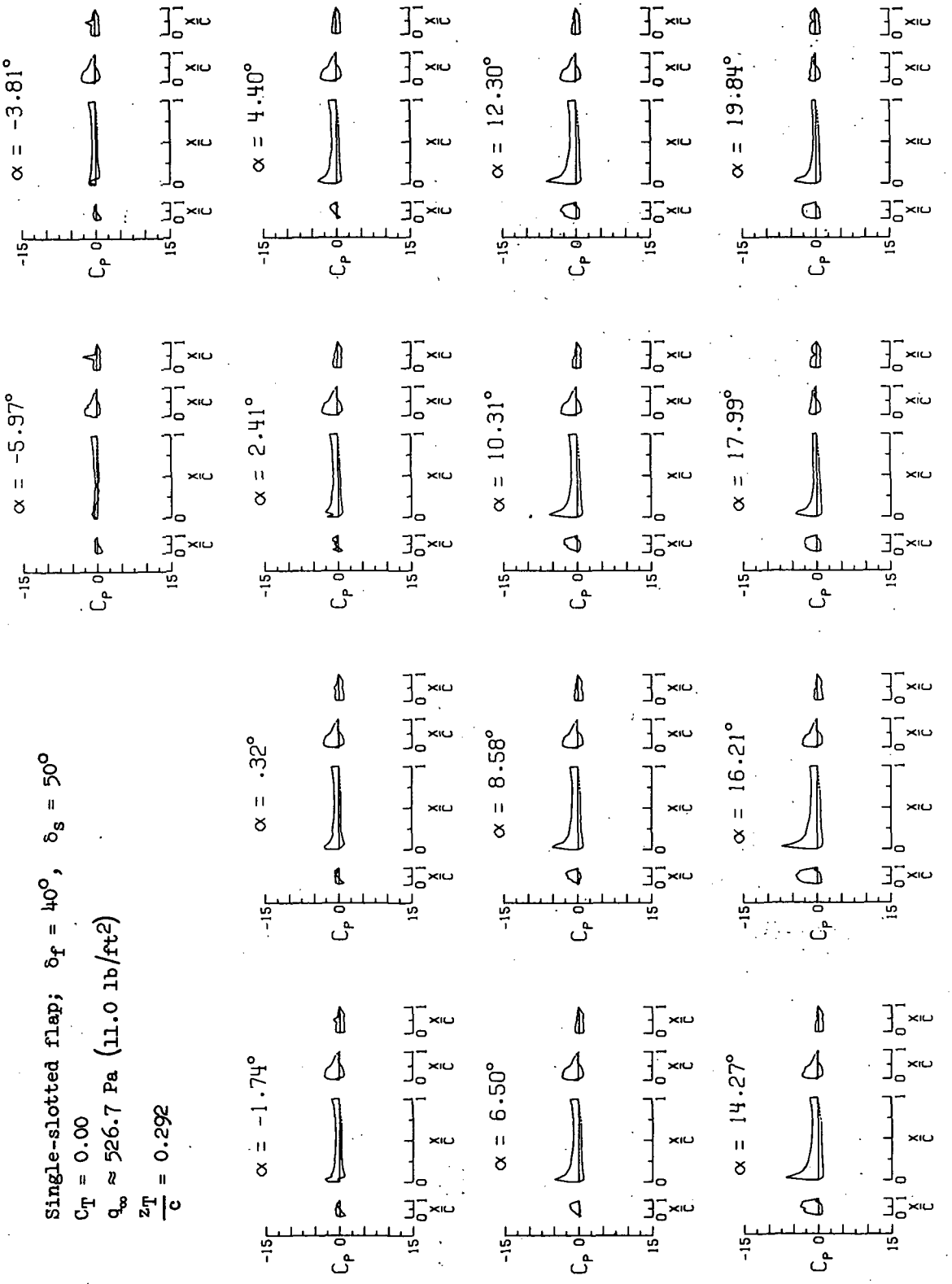
ALPHA = 19.82 DEGREES DYNAMIC PRESSURE = 10.985 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-4.75	0.000	-.76	.025	-1.51	.025	-2.84
.150	-4.45	.029	-4.64	.050	-1.94	.050	-2.22
.200	-4.91	.057	-3.63	.075	-1.90	.100	-1.87
.300	-4.41	.086	-2.91	.100	-1.76	.150	-1.65
.400	-4.45	.114	-2.29	.149	-1.85	.200	-1.61
.500	-4.26	.172	-1.70	.200	-1.45	.250	-1.60
.600	-3.58	.229	-1.30	.250	-1.50	.300	-1.34
.700	-3.52	.286	-1.30	.300	-1.58	.400	-1.29
.900	-2.69	.343	-1.24	.350	-1.96	.500	-1.11
		.400	-1.04	.400	-1.35	.600	-1.14
		.458	-1.14	.500	-1.40	.703	-1.14
		.571	-.80	.600	-1.18	.826	-1.06
		.686	-1.12	.700	-1.15		
		.801	-1.03	.800	-.97		
		.915	-.96				
		.967	-1.07				
		.994	-1.26				
			LOWER	SURFACE			
.075	1.03	.029	.86	.025	-.02	.025	.21
.150	1.02	.057	1.02	.050	.30	.050	.87
.200	.98	.086	1.00	.075	.53	.100	1.05
.300	.95	.114	.97	.100	.75	.150	1.16
.400	.89	.172	.92	.150	.90	.200	1.10
.500	.88	.229	.85	.200	.96	.250	1.18
.600	.82	.286	.87	.250	.99	.300	1.12
.700	.74	.343	.83	.300	.96	.400	1.18
.961	.22	.400	.78	.350	.97	.500	.92
		.458	.79	.400	.90	.600	1.17
		.571	.74	.500	.92	.703	1.24
		.686	.71	.600	-1.68	.756	1.34
				.700	-1.23		

APPENDIX G

PRESSURE DATA FOR $\delta_f = 40^o$, $\delta_s = 50^o$, AND MEDIUM PYLON

The pressure measurements made on the wing with the single-slotted flap and the leading-edge slat deflected ($\delta_f = 40^o$ and $\delta_s = 50^o$) are presented in this appendix in coefficient form in graphs and tables. The data are for the medium-length pylon and are arranged in order of increasing thrust coefficient.


Single-slotted flap; $\delta_f = 40°$, $\delta_s = 50°$
$C_T = 0.00$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.292$
α = -3.81°
α = -5.97°
α = 4.40°
α = 2.41°
α = 12.30°
α = 10.31°
α = 19.84°
α = 17.99°
α = .32°
α = -1.74°
α = 8.58°
α = 6.50°
α = 16.21°
α = 14.27°
C_P
x/c

ALPHA = -5.97 DEGREES DYNAMIC PRESSURE = 11.057 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.94	0.000	-.69	.025	-1.29	.025	-.63
.150	1.04	.029	-.83	.050	-1.11	.050	-.55
.200	.99	.057	-1.17	.075	-2.25	.100	-.67
.300	.73	.086	-.88	.100	-2.32	.150	-.62
.400	.53	.114	-.88	.149	-2.41	.200	-.71
.500	.29	.172	-.78	.200	-2.35	.250	-.52
.600	.12	.229	-.61	.250	-2.37	.300	-.60
.700	-.08	.286	-.63	.300	-2.39	.400	-.53
.900	-.05	.343	-.62	.350	-1.70	.500	-2.88
		.400	-.40	.400	-1.98	.600	-.37
		.458	-.57	.500	-1.32	.703	-.30
		.571	-.56	.600	-1.10	.826	-.21
		.686	-.66	.700	-.84		
		.801	-.77	.800	-.63		
		.915	-1.01				
		.967	-1.12				
		.994	-1.20				
			LOWER	SURFACE			
.075	-.42	.029	-.66	.025	-.31	.025	.78
.150	-.47	.057	-.60	.050	-.12	.050	.65
.200	-.52	.086	-.70	.075	.24	.100	.84
.300	-.44	.114	-.48	.100	.57	.150	.74
.400	-.45	.172	-.48	.150	.68	.200	.82
.500	-.46	.229	.15	.200	.55	.250	.74
.600	-.43	.286	-.03	.250	.71	.300	.66
.700	-.50	.343	.25	.300	.73	.400	.72
.861	-.54	.400	-.36	.350	.40	.500	.63
		.458	.18	.400	.59	.600	.50
		.571	.31	.500	.39	.703	.71
		.686	.21	.600	-.07	.756	.65
				.700	-.17		

ALPHA = -3.82 DEGREES DYNAMIC PRESSURE = 10.958 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.03	0.000	-1.11	.025	-1.99	.025	-.78
.150	1.02	.029	-1.42	.050	-2.42	.050	-.70
.200	.86	.057	-1.27	.075	-2.67	.100	-.80
.300	.63	.086	-1.25	.100	-2.74	.150	-.78
.400	.33	.114	-1.14	.149	-2.72	.200	-.85
.500	.17	.172	-.96	.200	-2.72	.250	-.76
.600	-.14	.229	-.95	.250	-2.75	.300	-.70
.700	-.33	.286	-.90	.300	-2.55	.400	-.64
.900	-.43	.343	-.77	.350	-2.51	.500	-1.95
		.400	-.78	.400	-2.30	.600	-.42
		.458	-.75	.500	-1.66	.703	-.35
		.571	-.74	.600	-1.35	.826	-.21
		.686	-.77	.700	-1.07		
		.801	-.90	.800	-.87		
		.915	-1.09				
		.967	-1.28				
		.994	-1.39				
			LOWER	SURFACE			
.075	-.35	.029	-1.22	.025	-.76	.025	1.03
.150	-.51	.057	-.97	.050	-.11	.050	.94
.200	-.50	.086	.64	.075	.37	.100	.89
.300	-.60	.114	.78	.100	.72	.150	.91
.400	-.66	.172	.71	.150	.91	.200	.87
.500	-.44	.229	.53	.200	1.03	.250	.84
.600	-.46	.286	.38	.250	.92	.300	.87
.700	-.34	.343	.39	.300	.87	.400	.82
.861	-.24	.400	.31	.350	.75	.500	.71
		.458	.27	.400	.68	.600	.80
		.571	.27	.500	.37	.703	.85
		.686	.32	.600	-.10	.756	.82
				.700	-.22		

ALPHA = -1.74 DEGREES DYNAMIC PRESSURE = 10.946 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.07	0.000	-2.42	.025	-2.07	.025	-.76
.150	.87	.029	-3.03	.050	-2.50	.050	-.76
.200	.80	.057	-1.61	.075	-2.79	.100	-.83
.300	.34	.086	-1.71	.100	-2.99	.150	-.87
.400	.20	.114	-1.39	.149	-2.92	.200	-.79
.500	-.15	.172	-1.11	.200	-2.88	.250	-.78
.600	-.35	.229	-1.00	.250	-2.87	.300	-.69
.700	-.49	.286	-1.03	.300	-2.70	.400	-.67
.900	-.48	.343	-.88	.350	-2.69	.500	-1.33
		.400	-.85	.400	-2.47	.600	-.46
		.458	-.81	.500	-1.74	.703	-.36
		.571	-.79	.600	-1.40	.826	-.20
		.686	-.85	.700	-1.11		
		.801	-.94	.800	-.89		
		.915	-1.13				
		.967	-1.33				
		.994	-1.54				
			LOWER	SURFACE			
.075	-.72	.029	-.46	.025	-.73	.025	1.01
.150	-.59	.057	.98	.050	-.15	.050	.98
.200	-.81	.086	.96	.075	.34	.100	.91
.300	-.90	.114	.77	.100	.78	.150	.92
.400	-.83	.172	.55	.150	.99	.200	.91
.500	-.89	.229	.43	.200	1.03	.250	.88
.600	-.65	.286	.39	.250	.96	.300	.88
.700	-.70	.343	.33	.300	.88	.400	.84
.861	-.25	.400	.30	.350	.78	.500	.72
		.458	.30	.400	.69	.600	.83
		.571	.37	.500	.38	.703	.85
		.686	.33	.600	-.10	.756	.84
				.700	-.22		

ALPHA = .32 DEGREES DYNAMIC PRESSURE = 10.966 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.04	0.000	-2.74	.025	-2.19	.025	-.83
.150	.78	.029	-3.00	.050	-2.59	.050	-.73
.200	.44	.057	-2.34	.075	-2.97	.100	-.82
.300	.17	.086	-1.84	.100	-2.99	.150	-.80
.400	-.07	.114	-1.61	.149	-3.04	.200	-.82
.500	-.49	.172	-1.21	.200	-2.98	.250	-.79
.600	-.55	.229	-1.23	.250	-2.92	.300	-.72
.700	-.85	.286	-1.17	.300	-2.85	.400	-.63
.900	-.83	.343	-1.00	.350	-2.66	.500	-.94
		.400	-.92	.400	-2.58	.600	-.46
		.458	-.90	.500	-1.70	.703	-.30
		.571	-.87	.600	-1.34	.826	-.19
		.686	-.95	.700	-1.13		
		.801	-1.01	.800	-.87		
		.915	-1.23				
		.967	-1.40				
		.994	-1.52				
			LOWER	SURFACE			
.075	-.63	.029	.59	.025	-.72	.025	1.00
.150	-.68	.057	1.04	.050	-.03	.050	1.00
.200	-.68	.086	.93	.075	.47	.100	.92
.300	-.71	.114	.80	.100	.73	.150	.94
.400	-.76	.172	.53	.150	1.03	.200	.91
.500	-.74	.229	.47	.200	1.02	.250	.90
.600	-.67	.286	.38	.250	1.00	.300	.87
.700	-.36	.343	.41	.300	.90	.400	.90
.861	-.32	.400	.36	.350	.79	.500	.72
		.458	.39	.400	.70	.600	.83
		.571	.37	.500	.43	.703	.85
		.686	.37	.600	-.13	.756	.86
				.700	-.19		

ALPHA = 2.41 DEGREES DYNAMIC PRESSURE = 10.922 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.93	0.000	-2.25	.025	-2.26	.025	-.76
.150	.64	.029	-1.01	.050	-2.63	.050	-.73
.200	.30	.057	-2.58	.075	-2.91	.100	-.76
.300	-.22	.086	-2.14	.100	-3.07	.150	-.82
.400	-.46	.114	-1.84	.149	-3.11	.200	-.81
.500	-.74	.172	-1.43	.200	-2.98	.250	-.74
.600	-.56	.229	-1.38	.250	-2.92	.300	-.75
.700	-1.19	.286	-1.34	.300	-2.78	.400	-.65
.800	-1.17	.343	-1.13	.350	-2.68	.500	-.72
		.400	-1.05	.400	-2.66	.600	-.50
		.458	-1.06	.500	-1.76	.703	-.31
		.571	-.88	.600	-1.46	.826	-.20
		.686	-1.00	.700	-1.22		
		.801	-1.09	.800	-.91		
		.915	-1.30				
		.967	-1.50				
		.994	-1.56				
			LOWER	SURFACE			
.075	-.24	.029	.68	.025	.48	.025	1.02
.150	-1.19	.057	.99	.050	-.03	.050	.86
.200	-.39	.086	.87	.075	.42	.100	.96
.300	-.39	.114	.79	.100	.76	.150	.93
.400	-.40	.172	.68	.150	1.00	.200	.92
.500	-.41	.229	.52	.200	1.00	.250	.91
.600	-.23	.286	.51	.250	.98	.300	.88
.700	-.21	.343	.42	.300	.89	.400	.88
.861	-.30	.400	.45	.350	.83	.500	.73
		.458	.44	.400	.73	.600	.85
		.571	.43	.500	.43	.703	.83
		.686	.41	.600	-.14	.756	.86
				.700	-.19		

ALPHA = 4.41 DEGREES DYNAMIC PRESSURE = 10.943 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.77	0.000	-2.25	.025	-2.28	.025	-.78
.150	.32	.029	-3.82	.050	-2.70	.050	-.66
.200	.10	.057	-3.21	.075	-3.06	.100	-.73
.300	-.56	.086	-2.31	.100	-3.19	.150	-.82
.400	-.69	.114	-2.07	.149	-3.15	.200	-.80
.500	-1.16	.172	-1.63	.200	-3.03	.250	-.72
.600	-1.39	.229	-1.45	.250	-3.04	.300	-.67
.700	-1.45	.286	-1.47	.300	-2.94	.400	-.59
.800	-1.29	.343	-1.26	.350	-2.68	.500	-.52
		.400	-1.06	.400	-2.58	.600	-.45
		.458	-1.10	.500	-1.69	.703	-.30
		.571	-1.01	.600	-1.44	.826	-.18
		.686	-1.11	.700	-1.19		
		.801	-1.13	.800	-.87		
		.915	-1.34				
		.967	-1.49				
		.994	-1.58				
			LOWER	SURFACE			
.075	.04	.029	.90	.025	-.68	.025	1.00
.150	-.17	.057	.97	.050	.01	.050	1.00
.200	-.06	.086	.88	.075	.44	.100	.98
.300	-.21	.114	.81	.100	.80	.150	.93
.400	-.08	.172	.71	.150	.98	.200	.96
.500	-.07	.229	.63	.200	1.06	.250	.94
.600	-.13	.286	.53	.250	.97	.300	.91
.700	.21	.343	.51	.300	.94	.400	.89
.861	-.34	.400	.47	.350	.86	.500	.74
		.458	.50	.400	.78	.600	.86
		.571	.44	.500	.52	.703	.87
		.686	.45	.600	-.11	.756	.89
				.700	-.18		

ALPHA = 6.50 DEGREES DYNAMIC PRESSURE = 10.948 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.42	0.000	-1.91	.025	-2.32	.025	-.75
.150	-.22	.029	-4.87	.050	-2.69	.050	-.68
.200	-.64	.057	-3.63	.075	-3.09	.100	-.75
.300	-.86	.086	-2.69	.100	-3.17	.150	-.79
.400	-1.33	.114	-2.46	.149	-3.19	.200	-.77
.500	-1.67	.172	-1.84	.200	-3.00	.250	-.77
.600	-1.67	.229	-1.63	.250	-3.10	.300	-.66
.700	-1.83	.286	-1.54	.300	-2.92	.400	-.61
.800	-1.81	.343	-1.38	.350	-2.85	.500	-.41
		.400	-1.24	.400	-2.71	.600	-.47
		.458	-1.15	.500	-1.72	.703	-.29
		.571	-1.08	.600	-1.36	.826	-.14
		.686	-1.15	.700	-1.15		
		.801	-1.15	.800	-.84		
		.915	-1.34				
		.967	-1.48				
		.994	-1.65				
			LOWER	SURFACE			
.075	.22	.029	.98	.025	-.62	.025	1.03
.150	.17	.057	.99	.050	.02	.050	.98
.200	.12	.086	.93	.075	.47	.100	1.00
.300	.19	.114	.84	.100	.75	.150	.98
.400	.26	.172	.69	.150	1.00	.200	.92
.500	.16	.229	.63	.200	1.04	.250	.93
.600	.10	.286	.56	.250	1.01	.300	.93
.700	.19	.343	.52	.300	.92	.400	.91
.861	-.18	.400	.50	.350	.86	.500	.75
		.458	.50	.400	.77	.600	.87
		.571	.50	.500	.51	.703	.87
		.686	.46	.600	-.06	.756	.89
				.700	-.18		

ALPHA = 8.59 DEGREES DYNAMIC PRESSURE = 10.918 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.00	0.000	-1.82	.025	-2.32	.025	-.71
.150	-.61	.029	-5.23	.050	-2.76	.050	-.64
.200	-1.20	.057	-4.47	.075	-3.06	.100	-.76
.300	-1.21	.086	-2.99	.100	-3.18	.150	-.74
.400	-2.16	.114	-2.60	.149	-3.07	.200	-.77
.500	-1.98	.172	-2.01	.200	-3.10	.250	-.73
.600	-2.38	.229	-1.68	.250	-3.04	.300	-.64
.700	-2.42	.286	-1.57	.300	-2.84	.400	-.62
.800	-2.07	.343	-1.42	.350	-2.83	.500	-.29
		.400	-1.27	.400	-2.67	.600	-.46
		.458	-1.28	.500	-1.75	.703	-.24
		.571	-1.19	.600	-1.41	.826	-.13
		.686	-1.13	.700	-1.16		
		.801	-1.17	.800	-.85		
		.915	-1.43				
		.967	-1.54				
		.994	-1.66				
			LOWER	SURFACE			
.075	.28	.029	.97	.025	-.58	.025	1.04
.150	.29	.057	1.05	.050	.07	.050	1.02
.200	.33	.086	.94	.075	.48	.100	1.00
.300	.30	.114	.88	.100	.78	.150	.98
.400	.57	.172	.77	.150	1.04	.200	.96
.500	.65	.229	.70	.200	1.02	.250	.95
.600	.49	.286	.67	.250	.99	.300	.92
.700	.48	.343	.61	.300	.95	.400	.89
.861	-.21	.400	.63	.350	.88	.500	.77
		.458	.51	.400	.81	.600	.87
		.571	.49	.500	.54	.703	.87
		.686	.50	.600	-.06	.756	.86
				.700	-.15		

ALPHA = 10.32 DEGREES DYNAMIC PRESSURE = 10.892 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.12	0.000	-1.93	.025	-2.25	.025	-.73
.150	-.87	.029	-5.69	.050	-2.72	.050	-.65
.200	-1.56	.057	-4.66	.075	-3.23	.100	-.71
.300	-2.10	.086	-3.33	.100	-3.16	.150	-.76
.400	-2.06	.114	-2.79	.149	-3.15	.200	-.70
.500	-2.74	.172	-2.13	.200	-3.01	.250	-.72
.600	-2.54	.229	-1.85	.250	-2.99	.300	-.68
.700	-2.79	.286	-1.67	.300	-2.91	.400	-.62
.800	-2.48	.343	-1.53	.350	-2.82	.500	-.25
		.400	-1.38	.400	-2.63	.600	-.39
		.458	-1.27	.500	-1.74	.703	-.23
		.571	-1.16	.600	-1.41	.826	-.08
		.686	-1.17	.700	-1.14		
		.801	-1.20	.800	-.87		
		.915	-1.42				
		.967	-1.54				
		.994	-1.67				
			LOWER	SURFACE			
.075	.35	.029	.98	.025	-.59	.025	1.02
.150	.59	.057	1.05	.050	.04	.050	1.01
.200	.43	.086	1.02	.075	.47	.100	.98
.300	.63	.114	.92	.100	.77	.150	.95
.400	.67	.172	.85	.150	1.01	.200	.94
.500	.67	.229	.77	.200	1.03	.250	.97
.600	.61	.286	.70	.250	.97	.300	.92
.700	.42	.343	.64	.300	.89	.400	.89
.861	-.42	.400	.65	.350	.87	.500	.72
		.458	.63	.400	.75	.600	.87
		.571	.53	.500	.53	.703	.89
		.686	.56	.600	-.03	.756	.87
				.700	-.15		

ALPHA = 12.31 DEGREES DYNAMIC PRESSURE = 10.870 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.48	0.000	-1.96	.025	-2.29	.025	-.71
.150	-1.91	.029	-6.07	.050	-2.70	.050	-.66
.200	-2.51	.057	-4.96	.075	-3.09	.100	-.68
.300	-2.43	.086	-3.45	.100	-3.12	.150	-.73
.400	-2.80	.114	-2.94	.149	-3.16	.200	-.76
.500	-3.31	.172	-2.25	.200	-3.02	.250	-.67
.600	-3.17	.229	-1.95	.250	-3.00	.300	-.61
.700	-2.82	.286	-1.84	.300	-2.89	.400	-.56
.800	-2.73	.343	-1.62	.350	-2.67	.500	-.17
		.400	-1.43	.400	-2.64	.600	-.40
		.458	-1.31	.500	-1.63	.703	-.23
		.571	-1.28	.600	-1.28	.826	-.11
		.686	-1.26	.700	-1.14		
		.801	-1.28	.800	-.83		
		.915	-1.42				
		.967	-1.49				
		.994	-1.66				
			LOWER	SURFACE			
.075	.51	.029	.89	.025	-.52	.025	1.02
.150	.61	.057	1.05	.050	.09	.050	1.01
.200	.65	.086	.96	.075	.49	.100	.96
.300	.66	.114	.93	.100	.77	.150	.99
.400	.64	.172	.85	.150	1.00	.200	.93
.500	.65	.229	.76	.200	1.01	.250	.94
.600	.58	.286	.71	.250	.99	.300	.91
.700	.37	.343	.69	.300	.94	.400	.90
.861	-.51	.400	.67	.350	.87	.500	.77
		.458	.63	.400	.84	.600	.87
		.571	.55	.500	.53	.703	.91
		.686	.52	.600	-.05	.756	.85
				.700	-.16		

ALPHA = 14.27 DEGREES DYNAMIC PRESSURE = 10.881 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.67	0.000	-2.32	.025	-2.32	.025	-.70
.150	-2.61	.029	-6.59	.050	-2.72	.050	-.63
.200	-2.86	.057	-5.13	.075	-3.02	.100	-.73
.300	-3.04	.086	-3.77	.100	-3.19	.150	-.68
.400	-2.79	.114	-3.14	.149	-3.13	.200	-.71
.500	-3.72	.172	-2.42	.200	-3.12	.250	-.62
.600	-3.65	.229	-2.11	.250	-2.75	.300	-.61
.700	-3.33	.286	-1.90	.300	-2.77	.400	-.52
.800	-3.42	.343	-1.69	.350	-2.56	.500	-.12
		.400	-1.53	.400	-2.62	.600	-.32
		.458	-1.39	.500	-1.58	.703	-.22
		.571	-1.32	.600	-1.26	.826	-.10
		.686	-1.25	.700	-1.03		
		.801	-1.21	.800	-.74		
		.915	-1.38				
		.967	-1.49				
		.994	-1.62				
			LOWER	SURFACE			
.075	.76	.029	.86	.025	-.48	.025	1.04
.150	.69	.057	.99	.050	.14	.050	.98
.200	.74	.086	.99	.075	.50	.100	.99
.300	.68	.114	.96	.100	.81	.150	.94
.400	.68	.172	.90	.150	1.01	.200	.98
.500	.63	.229	.87	.200	1.03	.250	.98
.600	.58	.286	.80	.250	1.01	.300	.94
.700	.34	.343	.72	.300	.96	.400	.93
.861	-.67	.400	.73	.350	.91	.500	.76
		.458	.65	.400	.84	.600	.89
		.571	.62	.500	.58	.703	.91
		.686	.61	.600	-.06	.756	.89
				.700	-.12		

ALPHA = 16.21 DEGREES DYNAMIC PRESSURE = 10.984 LBF/SQ.FT.

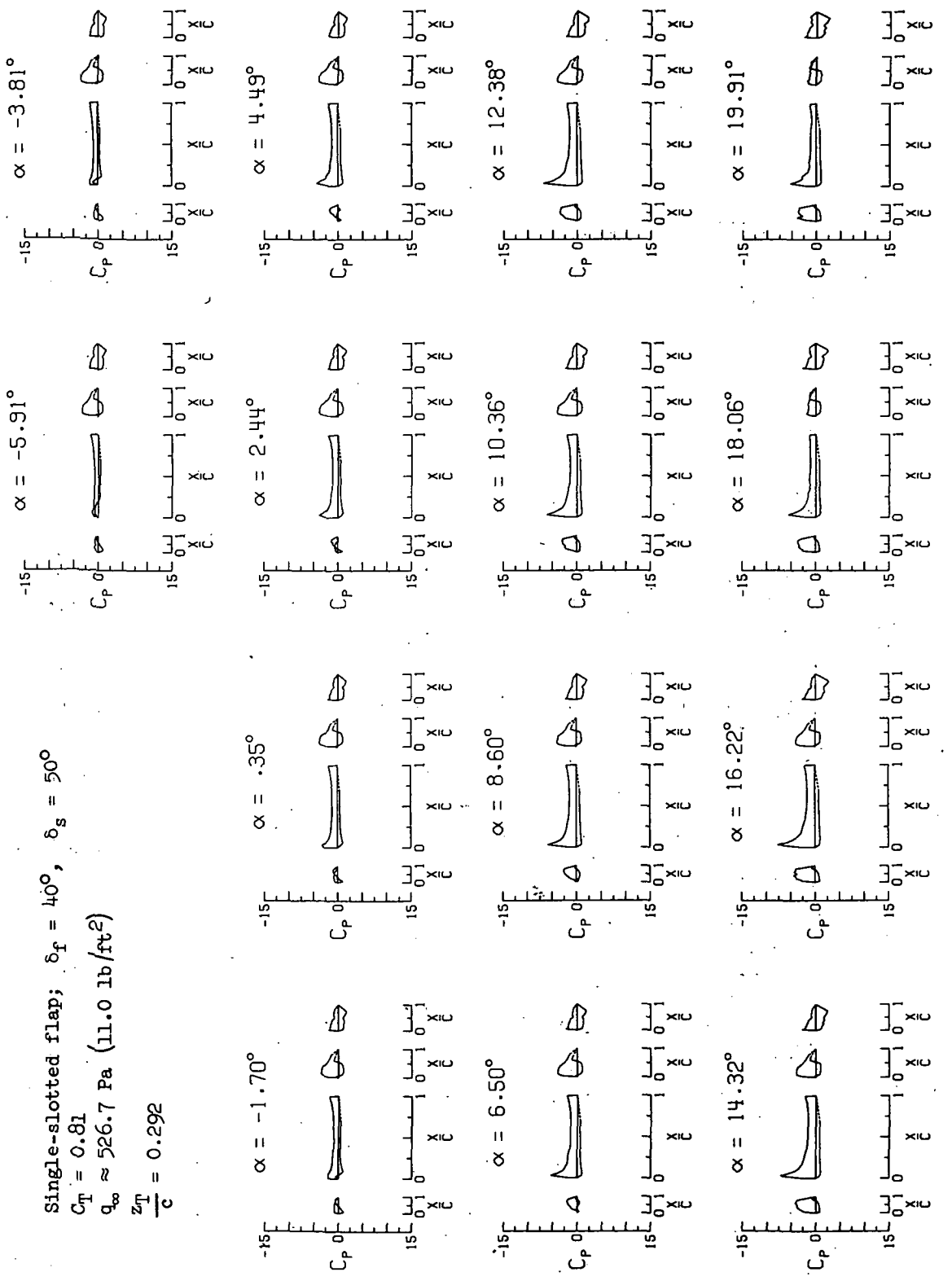
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.77	0.000	-2.59	.025	-2.18	.025	-.67
.150	-3.39	.029	-7.34	.050	-2.76	.050	-.58
.200	-3.64	.057	-5.27	.075	-2.95	.100	-.70
.300	-4.10	.086	-4.04	.100	-3.12	.150	-.70
.400	-4.10	.114	-3.30	.149	-2.88	.200	-.70
.500	-4.39	.172	-2.42	.200	-2.99	.250	-.58
.600	-4.01	.229	-2.15	.250	-2.91	.300	-.56
.700	-3.76	.286	-1.95	.300	-2.81	.400	-.48
.800	-3.59	.343	-1.71	.350	-2.51	.500	-.06
		.400	-1.50	.400	-2.49	.600	-.29
		.458	-1.42	.500	-1.49	.703	-.17
		.571	-1.32	.600	-1.24	.826	-.05
		.686	-1.23	.700	-.93		
		.801	-1.20	.800	-.71		
		.915	-1.34				
		.967	-1.49				
		.994	-1.59				
			LOWER	SURFACE			
.075	.92	.029	.85	.025	-.41	.025	1.03
.150	.80	.057	1.03	.050	.18	.050	1.15
.200	.80	.086	1.04	.075	.55	.100	1.00
.300	.75	.114	1.00	.100	.81	.150	.96
.400	.73	.172	.94	.150	.97	.200	.96
.500	.66	.229	.90	.200	.99	.250	.94
.600	.57	.286	.83	.250	1.03	.300	.89
.700	.36	.343	.78	.300	.98	.400	.94
.861	-.63	.400	.74	.350	.94	.500	.78
		.458	.73	.400	.85	.600	.90
		.571	.69	.500	.58	.703	.92
		.686	.59	.600	.02	.756	.88
				.700	-.08		

ALPHA = 18.00 DEGREES DYNAMIC PRESSURE = 10.994 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.40	0.000	-1.45	.025	-1.24	.025	-1.12
.150	-1.67	.029	-4.32	.050	-1.36	.050	-1.03
.200	-2.02	.057	-3.96	.075	-1.32	.100	-1.13
.300	-2.38	.086	-2.48	.100	-1.45	.150	-1.15
.400	-2.20	.114	-1.93	.149	-1.27	.200	-1.12
.500	-2.49	.172	-1.33	.200	-1.18	.250	-1.06
.600	-2.46	.229	-1.09	.250	-1.08	.300	-1.06
.700	-2.28	.286	-.96	.300	-1.08	.400	-.98
.800	-2.23	.343	-.79	.350	-1.04	.500	-.23
		.400	-.72	.400	-1.07	.600	-.84
		.458	-.64	.500	-.90	.703	-.89
		.571	-.62	.600	-.81	.826	-.87
		.686	-.69	.700	-.80		
		.801	-.65	.800	-.78		
		.915	-.72				
		.967	-.69				
		.994	-.76				
			LOWER	SURFACE			
.075	.89	.029	.89	.025	-.34	.025	1.04
.150	.69	.057	1.02	.050	.16	.050	.98
.200	.76	.086	.99	.075	.52	.100	.99
.300	.73	.114	.95	.100	.83	.150	.93
.400	.75	.172	.85	.150	.99	.200	.95
.500	.75	.229	.79	.200	1.02	.250	.94
.600	.69	.286	.73	.250	.91	.300	.92
.700	.51	.343	.74	.300	.92	.400	.85
.861	-.12	.400	.61	.350	.81	.500	.73
		.458	.64	.400	.75	.600	.83
		.571	.58	.500	.40	.703	.84
		.686	.55	.600	-.31	.756	.82
				.700	-.41		

ALPHA = 19.85 DEGREES DYNAMIC PRESSURE = 10.963 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.96	0.000	-1.50	.025	-1.15	.025	-1.10
.150	-2.29	.029	-4.41	.050	-1.27	.050	-.98
.200	-2.55	.057	-3.94	.075	-1.42	.100	-1.10
.300	-2.64	.086	-2.28	.100	-1.24	.150	-1.20
.400	-2.86	.114	-1.88	.149	-1.21	.200	-1.18
.500	-2.70	.172	-1.29	.200	-1.02	.250	-1.13
.600	-2.85	.229	-1.12	.250	-1.14	.300	-1.12
.700	-2.63	.286	-.93	.300	-1.14	.400	-.97
.800	-2.60	.343	-.82	.350	-1.12	.500	-.40
		.400	-.66	.400	-1.12	.600	-.88
		.458	-.62	.500	-.87	.703	-.87
		.571	-.62	.600	-.82	.826	-.85
		.686	-.61	.700	-.83		
		.801	-.64	.800	-.78		
		.915	-.73				
		.967	-.74				
		.994	-.74				
			LOWER	SURFACE			
.075	.93	.029	.90	.025	-.23	.025	1.03
.150	.91	.057	.98	.050	.24	.050	1.03
.200	.82	.086	.96	.075	.56	.100	1.00
.300	.78	.114	.93	.100	.82	.150	.95
.400	.77	.172	.89	.150	1.03	.200	.93
.500	.77	.229	.83	.200	1.03	.250	.94
.600	.67	.286	.76	.250	.97	.300	.91
.700	.47	.343	.74	.300	.94	.400	.86
.861	-.20	.400	.69	.350	.82	.500	.75
		.458	.67	.400	.75	.600	.80
		.571	.61	.500	.45	.703	.82
		.686	.57	.600	-.31	.756	.82
				.700	-.40		


Single-slotted flap; $\delta_f = 40°$, $\delta_s = 50°$
$C_T = 0.81$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft2)
$\frac{z_T}{c} = 0.292$
α = -5.91°
α = -3.81°
α = -1.70°
α = .35°
α = 2.44°
α = 4.49°
α = 6.50°
α = 8.60°
α = 10.36°
α = 12.38°
α = 14.32°
α = 16.22°
α = 18.06°
α = 19.91°
C_p
x/c

ALPHA = -5.92 DEGREES DYNAMIC PRESSURE = 11.062 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.95	0.000	-.91	.025	-2.24	.025	-1.85
.150	1.04	.029	-1.10	.050	-2.63	.050	-1.64
.200	.98	.057	-1.28	.075	-3.11	.100	-1.64
.300	.75	.086	-1.36	.100	-3.25	.150	-1.58
.400	.50	.114	-.90	.149	-3.26	.200	-1.65
.500	.26	.172	-.91	.200	-3.26	.250	-1.54
.600	-.01	.229	-.81	.250	-3.26	.300	-1.43
.700	-.19	.286	-.80	.300	-3.18	.400	-1.25
.800	-.30	.343	-.78	.350	-3.20	.500	-.73
		.400	-.73	.400	-2.87	.600	-.92
		.458	-.73	.500	-2.26	.703	-.85
		.571	-.77	.600	-1.89	.826	-.77
		.686	-.84	.700	-1.61		
		.801	-.99	.800	-1.35		
		.915	-1.25				
		.967	-1.49				
		.994	-1.67				
			LOWER	SURFACE			
.075	-.61	.029	-.68	.025	-.54	.025	.64
.150	-.54	.057	-.71	.050	-.13	.050	.96
.200	-.75	.086	-.66	.075	.25	.100	.93
.300	-.74	.114	-.68	.100	.53	.150	1.04
.400	-.50	.172	-.29	.150	.85	.200	1.14
.500	-.61	.229	.10	.200	.99	.250	1.11
.600	-.65	.286	.39	.250	.98	.300	1.06
.700	-.57	.343	.30	.300	.96	.400	1.19
.861	-.53	.400	.34	.350	.94	.500	.87
		.458	.35	.400	.89	.600	1.29
		.571	.37	.500	.65	.703	1.59
		.686	.46	.600	-.92	.756	1.69
				.700	-.89		

ALPHA = -3.82 DEGREES DYNAMIC PRESSURE = 10.979 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.98	0.000	-1.57	.025	-2.37	.025	-1.94
.150	.99	.029	-1.65	.050	-2.84	.050	-1.62
.200	.93	.057	-1.84	.075	-3.25	.100	-1.66
.300	.70	.086	-1.34	.100	-3.45	.150	-1.56
.400	.24	.114	-1.28	.149	-3.45	.200	-1.57
.500	-.05	.172	-1.06	.200	-3.39	.250	-1.53
.600	-.29	.229	-.97	.250	-3.36	.300	-1.42
.700	-.40	.286	-.93	.300	-3.31	.400	-1.31
.800	-.53	.343	-.90	.350	-3.19	.500	-.76
		.400	-.87	.400	-3.03	.600	-.97
		.458	-.84	.500	-2.36	.703	-.88
		.571	-.89	.600	-1.90	.826	-.77
		.686	-.99	.700	-1.69		
		.801	-1.11	.800	-1.43		
		.915	-1.34				
		.967	-1.55				
		.994	-1.77				
			LOWER	SURFACE			
.075	-.77	.029	-1.13	.025	-.58	.025	.58
.150	-.76	.057	-.58	.050	-.04	.050	.91
.200	-.84	.086	.16	.075	.35	.100	1.01
.300	-.85	.114	.70	.100	.67	.150	1.04
.400	-.93	.172	.57	.150	.94	.200	1.08
.500	-.83	.229	.45	.200	1.02	.250	1.12
.600	-.67	.286	.38	.250	1.03	.300	1.10
.700	-.61	.343	.34	.300	.99	.400	1.17
.861	-.51	.400	.37	.350	.97	.500	.89
		.458	.34	.400	.87	.600	1.29
		.571	.37	.500	.69	.703	1.56
		.686	.42	.600	-1.02	.756	1.61
				.700	-.81		

ALPHA = -1.71 DEGREES DYNAMIC PRESSURE = 10.975 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.04	0.000	-1.96	.025	-2.45	.025	-1.97
.150	.99	.029	-2.10	.050	-2.93	.050	-1.70
.200	.75	.057	-1.98	.075	-3.27	.100	-1.62
.300	.40	.086	-1.69	.100	-3.43	.150	-1.60
.400	.23	.114	-1.49	.149	-3.56	.200	-1.59
.500	-.22	.172	-1.22	.200	-3.46	.250	-1.53
.600	-.41	.229	-1.15	.250	-3.50	.300	-1.36
.700	-.52	.286	-1.14	.300	-3.40	.400	-1.29
.800	-.64	.343	-1.01	.350	-3.35	.500	-.76
		.400	-.93	.400	-3.11	.600	-.94
		.458	-.88	.500	-2.39	.703	-.88
		.571	-.94	.600	-2.02	.826	-.73
		.686	-1.05	.700	-1.70		
		.801	-1.14	.800	-1.43		
		.915	-1.44				
		.967	-1.71				
		.994	-1.81				
			LOWER	SURFACE			
.075	-.78	.029	-.53	.025	-.55	.025	.58
.150	-.74	.057	.45	.050	-.09	.050	.93
.200	-.75	.086	.96	.075	.37	.100	.97
.300	-.81	.114	.82	.100	.67	.150	1.08
.400	-.74	.172	.57	.150	.91	.200	1.11
.500	-.80	.229	.43	.200	1.00	.250	1.09
.600	-.77	.286	.38	.250	1.01	.300	1.11
.700	-.56	.343	.37	.300	1.01	.400	1.20
.861	-.56	.400	.40	.350	.94	.500	.93
		.458	.38	.400	.96	.600	1.29
		.571	.39	.500	.69	.703	1.61
		.686	.43	.600	-.97	.756	1.63
				.700	-.73		

ALPHA = .36 DEGREES DYNAMIC PRESSURE = 10.953 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.03	0.000	-2.87	.025	-2.49	.025	-2.05
.150	.80	.029	-3.19	.050	-3.08	.050	-1.85
.200	.32	.057	-2.47	.075	-3.54	.100	-1.70
.300	-.03	.086	-2.05	.100	-3.63	.150	-1.66
.400	-.20	.114	-1.75	.149	-3.76	.200	-1.68
.500	-.51	.172	-1.47	.200	-3.69	.250	-1.51
.600	-.82	.229	-1.30	.250	-3.61	.300	-1.43
.700	-.94	.286	-1.27	.300	-3.61	.400	-1.29
.800	-.90	.343	-1.15	.350	-3.46	.500	-.81
		.400	-1.03	.400	-3.22	.600	-.94
		.458	-1.05	.500	-2.44	.703	-.83
		.571	-1.07	.600	-2.00	.826	-.72
		.686	-1.13	.700	-1.75		
		.801	-1.20	.800	-1.45		
		.915	-1.51				
		.967	-1.73				
		.994	-1.87				
			LOWER	SURFACE			
.075	-.66	.029	.54	.025	-.49	.025	.58
.150	-.64	.057	1.04	.050	-.04	.050	.98
.200	-.72	.086	.89	.075	.36	.100	1.00
.300	-.80	.114	.82	.100	.67	.150	1.11
.400	-.77	.172	.63	.150	.91	.200	1.11
.500	-.68	.229	.55	.200	1.02	.250	1.14
.600	-.66	.286	.50	.250	1.02	.300	1.16
.700	-.46	.343	.46	.300	.99	.400	1.22
.861	-.12	.400	.44	.350	.97	.500	.90
		.458	.46	.400	.90	.600	1.37
		.571	.44	.500	.68	.703	1.59
		.686	.44	.600	-1.06	.756	1.62
				.700	-.86		

ALPHA = 2.45 DEGREES DYNAMIC PRESSURE = 10.861 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.95	0.000	-2.54	.025	-2.60	.025	-2.01
.150	.59	.029	-3.83	.050	-3.11	.050	-1.84
.200	.24	.057	-2.98	.075	-3.62	.100	-1.77
.300	-.37	.086	-2.30	.100	-3.70	.150	-1.72
.400	-.45	.114	-2.05	.149	-3.86	.200	-1.66
.500	-1.06	.172	-1.62	.200	-3.74	.250	-1.58
.600	-.99	.229	-1.47	.250	-3.74	.300	-1.48
.700	-1.38	.286	-1.43	.300	-3.70	.400	-1.39
.900	-1.25	.343	-1.19	.350	-3.59	.500	-.82
		.400	-1.14	.400	-3.36	.600	-.94
		.458	-1.17	.500	-2.66	.703	-.86
		.571	-1.12	.600	-2.16	.826	-.71
		.686	-1.19	.700	-1.76		
		.801	-1.25	.800	-1.53		
		.915	-1.55				
		.967	-1.82				
		.994	-2.05				
			LOWER	SURFACE			
.075	-.37	.029	.75	.025	-.52	.025	.50
.150	-.46	.057	1.04	.050	.01	.050	.92
.200	-.49	.086	.95	.075	.38	.100	1.03
.300	-.55	.114	.85	.100	.69	.150	1.11
.400	-.61	.172	.71	.150	.96	.200	1.16
.500	-.50	.229	.61	.200	1.01	.250	1.21
.600	-.37	.286	.53	.250	1.02	.300	1.19
.700	.09	.343	.54	.300	1.03	.400	1.25
.861	.02	.400	.47	.350	1.00	.500	.90
		.458	.53	.400	.87	.600	1.38
		.571	.43	.500	.73	.703	1.72
		.686	.51	.600	-1.14	.756	1.70
				.700	-.82		

ALPHA = 4.50 DEGREES DYNAMIC PRESSURE = 10.829 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.64	0.000	-2.15	.025	-2.68	.025	-2.04
.150	.17	.029	-4.38	.050	-3.30	.050	-1.77
.200	-.06	.057	-3.65	.075	-3.63	.100	-1.86
.300	-.70	.086	-2.49	.100	-3.82	.150	-1.80
.400	-.96	.114	-2.37	.149	-3.88	.200	-1.69
.500	-1.50	.172	-1.77	.200	-3.87	.250	-1.60
.600	-1.69	.229	-1.62	.250	-3.84	.300	-1.51
.700	-1.71	.286	-1.58	.300	-3.77	.400	-1.33
.800	-1.60	.343	-1.37	.350	-3.60	.500	-.79
		.400	-1.30	.400	-3.39	.600	-.99
		.458	-1.24	.500	-2.54	.703	-.84
		.571	-1.23	.600	-2.11	.826	-.71
		.686	-1.26	.700	-1.86		
		.801	-1.34	.800	-1.46		
		.915	-1.62				
		.967	-1.85				
		.994	-1.99				
			LOWER	SURFACE			
.075	-.10	.029	.90	.025	-.47	.025	.63
.150	-.16	.057	1.00	.050	.05	.050	.98
.200	.02	.086	.89	.075	.41	.100	1.12
.300	-.43	.114	.84	.100	.66	.150	1.16
.400	-.70	.172	.76	.150	.94	.200	1.20
.500	-.19	.229	.62	.200	1.01	.250	1.23
.600	.06	.286	.56	.250	1.03	.300	1.24
.700	.49	.343	.60	.300	.99	.400	1.32
.861	-.02	.400	.59	.350	.93	.500	.98
		.458	.56	.400	.90	.600	1.44
		.571	.54	.500	.70	.703	1.71
		.686	.56	.600	-1.13	.756	1.74
				.700	-.92		

ALPHA = 6.51 DEGREES DYNAMIC PRESSURE = 10.870 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.37	0.000	-1.76	.025	-2.67	.025	-2.27
.150	-.13	.029	-5.35	.050	-3.29	.050	-1.98
.200	-.79	.057	-3.86	.075	-3.70	.100	-1.82
.300	-1.39	.086	-2.93	.100	-3.87	.150	-1.81
.400	-1.43	.114	-2.53	.149	-4.01	.200	-1.77
.500	-1.84	.172	-1.98	.200	-3.90	.250	-1.65
.600	-1.94	.229	-1.88	.250	-3.89	.300	-1.55
.700	-2.04	.286	-1.80	.300	-3.81	.400	-1.36
.800	-1.94	.343	-1.55	.350	-3.65	.500	-.78
		.400	-1.39	.400	-3.38	.600	-.99
		.458	-1.34	.500	-2.61	.703	-.83
		.571	-1.34	.600	-2.09	.826	-.71
		.686	-1.35	.700	-1.83		
		.801	-1.41	.800	-1.44		
		.915	-1.71				
		.967	-1.90				
		.994	-2.10				
			LOWER	SURFACE			
.075	.25	.029	.92	.025	-.37	.025	.60
.150	.19	.057	.98	.050	.05	.050	1.01
.200	.03	.086	.92	.075	.40	.100	1.07
.300	-.02	.114	.86	.100	.67	.150	1.15
.400	-.01	.172	.76	.150	.95	.200	1.21
.500	.33	.229	.67	.200	1.02	.250	1.30
.600	.53	.286	.63	.250	1.00	.300	1.23
.700	.42	.343	.62	.300	1.01	.400	1.33
.861	-.26	.400	.62	.350	.98	.500	1.01
		.458	.59	.400	.93	.600	1.53
		.571	.54	.500	.75	.703	1.79
		.686	.57	.600	-1.13	.756	1.80
				.700	-.93		

ALPHA = 8.61 DEGREES DYNAMIC PRESSURE = 10.806 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.46	0.000	-1.89	.025	-2.68	.025	-2.35
.150	-.46	.029	-5.83	.050	-3.28	.050	-2.00
.200	-1.23	.057	-4.23	.075	-3.74	.100	-1.93
.300	-1.60	.086	-3.25	.100	-3.82	.150	-1.87
.400	-2.04	.114	-2.79	.149	-4.04	.200	-1.76
.500	-2.37	.172	-2.24	.200	-3.92	.250	-1.68
.600	-2.52	.229	-1.99	.250	-3.78	.300	-1.50
.700	-2.61	.286	-1.84	.300	-3.79	.400	-1.37
.800	-2.48	.343	-1.61	.350	-3.81	.500	-.81
		.400	-1.49	.400	-3.37	.600	-1.00
		.458	-1.45	.500	-2.66	.703	-.84
		.571	-1.35	.600	-2.16	.826	-.77
		.686	-1.40	.700	-1.89		
		.801	-1.46	.800	-1.50		
		.915	-1.72				
		.967	-1.92				
		.994	-2.11				
			LOWER	SURFACE			
.075	.38	.029	.98	.025	-.41	.025	.55
.150	.42	.057	1.02	.050	.05	.050	1.00
.200	.39	.086	.98	.075	.41	.100	1.05
.300	.60	.114	.93	.100	.66	.150	1.20
.400	.66	.172	.81	.150	.87	.200	1.25
.500	.62	.229	.77	.200	.97	.250	1.31
.600	.62	.286	.77	.250	.97	.300	1.32
.700	.41	.343	.72	.300	.98	.400	1.34
.861	-.33	.400	.71	.350	.91	.500	1.06
		.458	.68	.400	.91	.600	1.63
		.571	.64	.500	.79	.703	1.89
		.686	.67	.600	-1.19	.756	2.05
				.700	-.98		

ALPHA = 10.37 DEGREES DYNAMIC PRESSURE = 10.956 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.63	0.000	-1.87	.025	-2.74	.025	-2.35
.150	-1.47	.029	-6.21	.050	-3.37	.050	-1.94
.200	-2.17	.057	-4.72	.075	-3.89	.100	-1.96
.300	-2.46	.086	-3.72	.100	-4.02	.150	-1.82
.400	-2.34	.114	-2.94	.149	-4.01	.200	-1.80
.500	-2.89	.172	-2.39	.200	-3.99	.250	-1.67
.600	-2.86	.229	-2.13	.250	-3.83	.300	-1.57
.700	-2.93	.286	-1.96	.300	-3.86	.400	-1.35
.800	-2.90	.343	-1.72	.350	-3.79	.500	-.78
		.400	-1.57	.400	-3.38	.600	-.92
		.458	-1.50	.500	-2.58	.703	-.80
		.571	-1.43	.600	-2.14	.826	-.66
		.686	-1.44	.700	-1.80		
		.801	-1.47	.800	-1.45		
		.915	-1.77				
		.967	-1.99				
		.994	-2.11				
			LOWER	SURFACE			
.075	.66	.029	.90	.025	-.39	.025	.51
.150	.55	.057	1.03	.050	.12	.050	1.00
.200	.62	.086	.98	.075	.46	.100	1.11
.300	.71	.114	.95	.100	.68	.150	1.26
.400	.65	.172	.85	.150	.88	.200	1.24
.500	.64	.229	.81	.200	.96	.250	1.37
.600	.57	.286	.74	.250	1.01	.300	1.29
.700	.42	.343	.71	.300	1.01	.400	1.46
.861	-.43	.400	.71	.350	1.01	.500	1.15
		.458	.70	.400	.94	.600	1.89
		.571	.65	.500	.72	.703	1.99
		.686	.65	.600	-1.20	.756	1.98
				.700	-.93		

ALPHA = 12.38 DEGREES DYNAMIC PRESSURE = 10.945 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.04	0.000	-2.06	.025	-2.77	.025	-2.48
.150	-2.50	.029	-6.88	.050	-3.17	.050	-2.21
.200	-2.53	.057	-5.00	.075	-3.90	.100	-1.92
.300	-2.85	.086	-4.11	.100	-3.97	.150	-1.86
.400	-3.33	.114	-3.34	.149	-4.10	.200	-1.87
.500	-3.51	.172	-2.51	.200	-4.00	.250	-1.80
.600	-3.43	.229	-2.27	.250	-3.87	.300	-1.53
.700	-3.35	.286	-2.09	.300	-3.79	.400	-1.34
.800	-3.31	.343	-1.75	.350	-3.70	.500	-.72
		.400	-1.72	.400	-3.30	.600	-.94
		.458	-1.60	.500	-2.56	.703	-.79
		.571	-1.52	.600	-2.11	.826	-.63
		.686	-1.46	.700	-1.79		
		.801	-1.53	.800	-1.54		
		.915	-1.76				
		.967	-1.97				
		.994	-2.14				
			LOWER	SURFACE			
.075	.49	.029	.90	.025	-.29	.025	.63
.150	.72	.057	1.00	.050	.12	.050	1.04
.200	.69	.086	.99	.075	.44	.100	1.12
.300	.74	.114	.98	.100	.69	.150	1.44
.400	.70	.172	.90	.150	.90	.200	1.35
.500	.66	.229	.86	.200	.97	.250	1.43
.600	.59	.286	.82	.250	1.01	.300	1.38
.700	.36	.343	.79	.300	1.05	.400	1.50
.861	-.51	.400	.80	.350	.98	.500	1.27
		.458	.75	.400	.98	.600	2.11
		.571	.69	.500	.85	.703	2.16
		.686	.66	.600	-1.28	.756	2.16
				.700	-1.06		

ALPHA = 14.32 DEGREES DYNAMIC PRESSURE = 10.913 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.49	0.000	-2.61	.025	-2.75	.025	-2.83
.150	-2.76	.029	-7.29	.050	-3.22	.050	-2.29
.200	-3.07	.057	-5.62	.075	-3.88	.100	-2.11
.300	-3.65	.086	-4.20	.100	-3.91	.150	-1.90
.400	-3.83	.114	-3.52	.149	-3.98	.200	-1.84
.500	-3.80	.172	-2.73	.200	-3.90	.250	-1.70
.600	-4.12	.229	-2.38	.250	-3.86	.300	-1.57
.700	-3.98	.286	-2.15	.300	-3.82	.400	-1.40
.800	-3.70	.343	-1.88	.350	-3.64	.500	-.78
		.400	-1.77	.400	-3.25	.600	-.94
		.458	-1.69	.500	-2.63	.703	-.78
		.571	-1.58	.600	-2.11	.826	-.67
		.686	-1.57	.700	-1.80		
		.801	-1.60	.800	-1.39		
		.915	-1.81				
		.967	-2.06				
		.994	-2.22				
			LOWER	SURFACE			
.075	.86	.029	.79	.025	-.26	.025	.58
.150	.71	.057	1.02	.050	.15	.050	1.06
.200	.79	.086	1.03	.075	.50	.100	1.21
.300	.76	.114	.98	.100	.69	.150	1.27
.400	.68	.172	.95	.150	.85	.200	1.34
.500	.64	.229	.90	.200	.93	.250	1.65
.600	.52	.286	.85	.250	1.00	.300	1.41
.700	.31	.343	.85	.300	.98	.400	1.84
.861	-.73	.400	.84	.350	.99	.500	1.65
		.458	.76	.400	.98	.600	2.06
		.571	.76	.500	.89	.703	2.31
		.686	.73	.600	-1.25	.756	2.47
				.700	-1.12		

ALPHA = 16.22 DEGREES DYNAMIC PRESSURE = 10.916 LBF/SQ.FT.

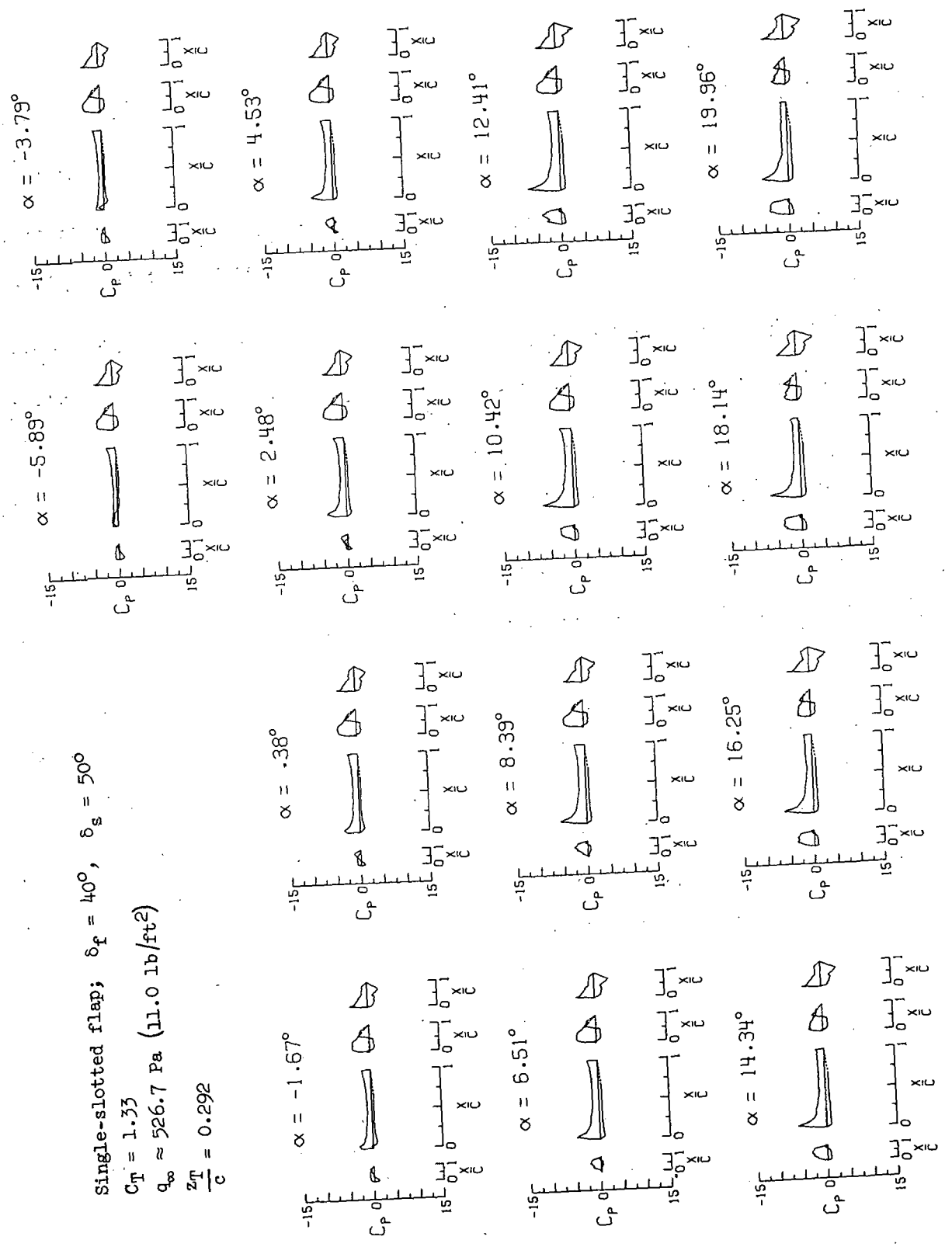
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.86	0.000	-2.83	.025	-2.79	.025	-2.67
.150	-2.79	.029	-7.72	.050	-3.39	.050	-2.37
.200	-3.81	.057	-5.73	.075	-3.89	.100	-2.11
.300	-3.86	.086	-4.58	.100	-3.91	.150	-2.01
.400	-4.37	.114	-3.88	.149	-3.92	.200	-1.91
.500	-3.60	.172	-2.83	.200	-3.96	.250	-1.74
.600	-4.29	.229	-2.59	.250	-3.83	.300	-1.55
.700	-3.92	.286	-2.28	.300	-3.75	.400	-1.41
.800	-4.01	.343	-1.97	.350	-3.62	.500	-.76
		.400	-1.85	.400	-3.24	.600	-.92
		.458	-1.68	.500	-2.68	.703	-.80
		.571	-1.59	.600	-2.11	.826	-.69
		.686	-1.53	.700	-1.75		
		.801	-1.60	.800	-1.42		
		.915	-1.79				
		.967	-2.03				
		.994	-2.20				
			LOWER	SURFACE			
.075	.97	.029	.78	.025	-.30	.025	.50
.150	.84	.057	.97	.050	.17	.050	1.04
.200	.84	.086	.98	.075	.49	.100	1.25
.300	.81	.114	1.00	.100	.67	.150	1.34
.400	.77	.172	.94	.150	.89	.200	1.48
.500	.66	.229	.91	.200	.94	.250	1.59
.600	.54	.286	.87	.250	.96	.300	1.88
.700	.28	.343	.85	.300	1.00	.400	1.78
.861	-.79	.400	.82	.350	.99	.500	1.64
		.458	.75	.400	1.03	.600	2.32
		.571	.73	.500	.91	.703	2.70
		.686	.77	.600	-1.25	.756	2.55
				.700	-1.04		

ALPHA = 18.36 DEGREES DYNAMIC PRESSURE = 10.924 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.57	0.000	-2.05	.025	-1.25	.025	-2.72
.150	-2.49	.029	-5.60	.050	-1.61	.050	-2.16
.200	-2.84	.057	-4.09	.075	-1.91	.100	-1.93
.300	-3.35	.086	-3.06	.100	-1.75	.150	-1.89
.400	-3.24	.114	-2.48	.149	-1.59	.200	-1.75
.500	-3.44	.172	-1.91	.200	-1.49	.250	-1.62
.600	-3.56	.229	-1.59	.250	-1.47	.300	-1.59
.700	-3.60	.286	-1.49	.300	-1.44	.400	-1.42
.800	-2.96	.343	-1.08	.350	-1.39	.500	-.84
		.400	-1.21	.400	-1.60	.600	-1.12
		.458	-1.35	.500	-1.38	.703	-1.17
		.571	-1.14	.600	-1.24	.826	-1.25
		.686	-1.08	.700	-1.19		
		.801	-1.16	.800	-1.18		
		.915	-1.18				
		.967	-1.24				
		.994	-1.26				
			LOWER	SURFACE			
.075	.95	.029	.82	.025	.06	.025	.61
.150	.87	.057	1.03	.050	.28	.050	1.04
.200	.84	.086	.86	.075	.54	.100	1.12
.300	.80	.114	1.02	.100	.70	.150	1.34
.400	.75	.172	.93	.150	.92	.200	1.40
.500	.69	.229	.85	.200	.96	.250	1.43
.600	.62	.286	.85	.250	.97	.300	1.49
.700	.37	.343	.79	.300	1.00	.400	1.67
.861	-.30	.400	.77	.350	1.00	.500	1.30
		.458	.76	.400	.96	.600	2.10
		.571	.75	.500	.84	.703	2.59
		.686	.71	.600	-1.27	.756	2.37
				.700	-1.12		

ALPHA = 19.91 DEGREES DYNAMIC PRESSURE = 10.950 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.44	0.000	-3.00	.025	-1.18	.025	-2.59
.150	-3.04	.029	-5.34	.050	-1.55	.050	-2.29
.200	-3.93	.057	-3.64	.075	-1.57	.100	-1.98
.300	-2.73	.086	-2.79	.100	-1.58	.150	-1.90
.400	-3.23	.114	-2.86	.149	-1.78	.200	-1.91
.500	-3.61	.172	-1.66	.200	-1.34	.250	-1.68
.600	-3.65	.229	-1.35	.250	-1.43	.300	-1.56
.700	-3.42	.286	-1.43	.300	-1.41	.400	-1.41
.900	-3.48	.343	-1.23	.350	-1.42	.500	-.84
		.400	-1.17	.400	-1.31	.600	-1.21
		.458	-1.14	.500	-1.39	.703	-1.03
		.571	-1.11	.600	-1.16	.826	-1.28
		.686	-1.03	.700	-1.18		
		.801	-.79	.800	-1.14		
		.915	-1.01				
		.967	-1.21				
		.994	-1.31				
			LOWER	SURFACE			
.075	.96	.029	.87	.025	.05	.025	.53
.150	.92	.057	1.02	.050	.34	.050	1.03
.200	.86	.086	.98	.075	.53	.100	1.12
.300	.84	.114	.97	.100	.63	.150	1.40
.400	.77	.172	.98	.150	.95	.200	1.65
.500	.74	.229	.92	.200	.98	.250	1.40
.600	.66	.286	.85	.250	.96	.300	1.47
.700	.44	.343	.81	.300	.96	.400	1.83
.861	-.39	.400	.82	.350	1.00	.500	1.40
		.458	.80	.400	.95	.600	2.06
		.571	.75	.500	.84	.703	2.34
		.686	.74	.600	-1.58	.756	2.62
				.700	-1.03		


Single-slotted flap; $\delta_f = 40°$, $\delta_s = 50°$
$C_T = 1.33$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.292$
α = -3.79°
α = -5.89°
α = 4.53°
α = 2.48°
α = 12.41°
α = 10.42°
α = 19.96°
α = 18.14°
α = .38°
α = -1.67°
α = 8.39°
α = 6.51°
α = 16.25°
α = 14.34°
C_P
x/c

ALPHA = -5.99 DEGREES DYNAMIC PRESSURE = 11.029 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.89	0.000	-1.18	.025	-2.33	.025	-3.91
.150	.99	.029	-1.07	.050	-2.84	.050	-3.26
.200	1.02	.057	-1.26	.075	-3.36	.100	-2.89
.300	.72	.086	-1.10	.100	-3.43	.150	-2.64
.400	.52	.114	-1.04	.149	-3.56	.200	-2.45
.500	.24	.172	-.92	.200	-3.54	.250	-2.29
.600	-.13	.229	-.88	.250	-3.63	.300	-2.03
.700	-.12	.286	-.81	.300	-3.54	.400	-1.67
.899	-.35	.343	-.83	.350	-3.52	.500	-1.25
		.400	-.77	.400	-3.20	.600	-1.17
		.458	-.72	.500	-2.55	.703	-1.14
		.571	-.87	.600	-2.20	.926	-1.04
		.686	-.93	.700	-1.91		
		.801	-1.10	.800	-1.65		
		.915	-1.38				
		.967	-1.65				
		.994	-1.80				
			LOWER	SURFACE			
.075	-.91	.029	-1.00	.025	-.53	.025	.19
.150	-.74	.057	-.99	.050	-.11	.050	.89
.200	-.87	.086	-.81	.075	.22	.100	1.07
.300	-.75	.114	-.70	.100	.54	.150	1.28
.400	-.80	.172	-.71	.150	.85	.200	1.30
.500	-.76	.229	.22	.200	.98	.250	1.36
.600	-.65	.286	.39	.250	.91	.300	1.45
.700	-.63	.343	.36	.300	.95	.400	1.65
.861	-.68	.400	.22	.350	.91	.500	1.07
		.458	.33	.400	.85	.600	1.80
		.571	.36	.500	.71	.703	2.26
		.686	.39	.600	-2.16	.756	2.29
				.700	-1.57		

ALPHA = -3.79 DEGREES DYNAMIC PRESSURE = 10.981 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.98	0.000	-1.78	.025	-2.48	.025	-3.72
.150	1.00	.029	-1.57	.050	-3.05	.050	-3.19
.200	.80	.057	-1.42	.075	-3.47	.100	-2.84
.300	.64	.086	-1.41	.100	-3.47	.150	-2.56
.400	.31	.114	-1.35	.149	-3.62	.200	-2.37
.500	.06	.172	-1.15	.200	-3.64	.250	-2.27
.600	-.24	.229	-1.11	.250	-3.68	.300	-2.05
.700	-.51	.286	-.98	.300	-3.59	.400	-1.70
.899	-.47	.343	-.95	.350	-3.42	.500	-1.19
		.400	-.87	.400	-3.25	.600	-1.21
		.458	-.92	.500	-2.65	.703	-1.09
		.571	-.96	.600	-2.21	.826	-1.05
		.686	-1.04	.700	-1.97		
		.801	-1.17	.800	-1.65		
		.915	-1.47				
		.967	-1.70				
		.994	-1.90				
			LOWER	SURFACE			
.075	-.79	.029	-1.13	.025	-.62	.025	.17
.150	-.90	.057	-.40	.050	-.12	.050	.89
.200	-.79	.086	.55	.075	.25	.100	1.04
.300	-.91	.114	.81	.100	.50	.150	1.22
.400	-.86	.172	.56	.150	.83	.200	1.32
.500	-.88	.229	.39	.200	.95	.250	1.36
.600	-.83	.286	.35	.250	.97	.300	1.40
.700	-.58	.343	.25	.300	.94	.400	1.54
.861	-.51	.400	.30	.350	.88	.500	1.08
		.458	.33	.400	.85	.600	1.82
		.571	.35	.500	.73	.703	2.30
		.686	.37	.600	-2.35	.756	2.28
				.700	-1.59		

ALPHA = -1.68 DEGREES DYNAMIC PRESSURE = 10.932 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.01	0.000	-2.55	.025	-2.54	.025	-3.86
.150	.95	.029	-2.96	.050	-3.07	.050	-3.29
.200	.80	.057	-2.16	.075	-3.55	.100	-2.74
.300	.24	.086	-1.74	.100	-3.66	.150	-2.67
.400	-.08	.114	-1.72	.149	-3.76	.200	-2.48
.500	-.09	.172	-1.37	.200	-3.64	.250	-2.23
.600	-.45	.229	-1.26	.250	-3.69	.300	-2.05
.700	-.73	.286	-1.24	.300	-3.66	.400	-1.69
.900	-.78	.343	-1.10	.350	-3.59	.500	-1.15
		.400	-1.03	.400	-3.40	.600	-1.25
		.458	-.99	.500	-2.69	.703	-1.08
		.571	-1.00	.600	-2.23	.826	-1.02
		.686	-1.07	.700	-2.05		
		.801	-1.24	.800	-1.68		
		.915	-1.60				
		.967	-1.75				
		.994	-1.97				
			LOWER	SURFACE			
.075	-.69	.029	-.35	.025	-.59	.025	.08
.150	-.75	.057	.69	.050	-.15	.050	.89
.200	-.83	.086	.90	.075	.32	.100	1.04
.300	-.85	.114	.83	.100	.53	.150	1.28
.400	-.77	.172	.57	.150	.82	.200	1.37
.500	-.85	.229	.47	.200	.97	.250	1.46
.600	-.82	.286	.40	.250	.97	.300	1.38
.700	-.73	.343	.35	.300	.89	.400	1.61
.861	-.59	.400	.40	.350	.90	.500	1.06
		.458	.37	.400	.86	.600	1.76
		.571	.41	.500	.77	.703	2.28
		.686	.44	.600	-2.39	.756	2.30
				.700	-1.67		

ALPHA = .38 DEGREES DYNAMIC PRESSURE = 10.915 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.99	0.000	-2.77	.025	-2.61	.025	-3.93
.150	.79	.029	-3.31	.050	-3.18	.050	-3.27
.200	.66	.057	-2.57	.075	-3.72	.100	-2.84
.300	-.02	.086	-2.12	.100	-3.80	.150	-2.65
.400	-.30	.114	-1.94	.149	-3.96	.200	-2.51
.500	-.69	.172	-1.49	.200	-3.88	.250	-2.32
.600	-.98	.229	-1.32	.250	-4.00	.300	-2.08
.700	-1.33	.286	-1.37	.300	-4.02	.400	-1.77
.900	-1.23	.343	-1.26	.350	-3.90	.500	-1.16
		.400	-1.16	.400	-3.55	.600	-1.24
		.458	-1.21	.500	-2.88	.703	-1.12
		.571	-1.17	.600	-2.39	.826	-1.05
		.686	-1.22	.700	-2.08		
		.801	-1.34	.800	-1.71		
		.915	-1.65				
		.967	-1.87				
		.994	-2.09				
			LOWER	SURFACE			
.075	-.66	.029	.65	.025	-.59	.025	.06
.150	-.68	.057	1.03	.050	-.08	.050	.94
.200	-.70	.086	.90	.075	.21	.100	1.13
.300	-.79	.114	.75	.100	.59	.150	1.31
.400	-.80	.172	.58	.150	.87	.200	1.34
.500	-.79	.229	.47	.200	1.00	.250	1.46
.600	-.74	.286	.43	.250	.99	.300	1.48
.700	-.46	.343	.37	.300	.91	.400	1.57
.861	.02	.400	.42	.350	.83	.500	1.12
		.458	.42	.400	.87	.600	1.86
		.571	.47	.500	.86	.703	2.34
		.686	.45	.600	-2.37	.756	2.47
				.700	-1.66		

ALPHA = 2.48 DEGREES DYNAMIC PRESSURE = 10.905 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.96	0.000	-2.69	.025	-2.69	.025	-3.97
.150	.45	.029	-4.19	.050	-3.31	.050	-3.42
.200	.40	.057	-3.40	.075	-3.83	.100	-2.80
.300	-.49	.086	-2.35	.100	-3.97	.150	-2.74
.400	-.41	.114	-2.11	.149	-4.07	.200	-2.49
.500	-.93	.172	-1.61	.200	-4.06	.250	-2.30
.600	-1.06	.229	-1.54	.250	-4.10	.300	-2.12
.700	-1.38	.286	-1.50	.300	-3.94	.400	-1.76
.800	-1.30	.343	-1.31	.350	-3.92	.500	-1.14
		.400	-1.22	.400	-3.67	.600	-1.22
		.458	-1.18	.500	-2.89	.703	-1.12
		.571	-1.18	.600	-2.43	.826	-1.01
		.686	-1.26	.700	-2.10		
		.801	-1.33	.800	-1.78		
		.915	-1.70				
		.967	-1.93				
		.994	-2.16				
			LOWER	SURFACE			
.075	-.44	.029	.77	.025	-.58	.025	.13
.150	-.44	.057	1.01	.050	-.06	.050	.93
.200	-.20	.086	.92	.075	.27	.100	1.12
.300	-.59	.114	.82	.100	.59	.150	1.36
.400	-.73	.172	.68	.150	.86	.200	1.43
.500	-.73	.229	.58	.200	.95	.250	1.55
.600	-.51	.286	.52	.250	1.00	.300	1.49
.700	.18	.343	.53	.300	.92	.400	1.70
.861	.09	.400	.47	.350	.91	.500	1.18
		.458	.50	.400	.87	.600	1.88
		.571	.49	.500	.79	.703	2.43
		.686	.52	.600	-2.40	.756	2.44
				.700	-1.66		

ALPHA = 4.53 DEGREES DYNAMIC PRESSURE = 10.906 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.80	0.000	-2.32	.025	-2.84	.025	-3.93
.150	.39	.029	-4.67	.050	-3.42	.050	-3.41
.200	-.19	.057	-3.75	.075	-3.90	.100	-2.89
.300	-.69	.086	-2.57	.100	-4.09	.150	-2.74
.400	-1.23	.114	-2.25	.149	-4.23	.200	-2.57
.500	-1.49	.172	-1.91	.200	-4.14	.250	-2.44
.600	-1.73	.229	-1.66	.250	-4.17	.300	-2.13
.700	-1.90	.286	-1.65	.300	-4.21	.400	-1.87
.900	-1.62	.343	-1.49	.350	-3.98	.500	-1.12
		.400	-1.35	.400	-3.72	.600	-1.19
		.458	-1.33	.500	-2.98	.703	-1.11
		.571	-1.29	.600	-2.45	.826	-1.02
		.686	-1.34	.700	-2.06		
		.801	-1.43	.800	-1.79		
		.915	-1.69				
		.967	-2.02				
		.994	-2.23				
			LOWER	SURFACE			
.075	-.23	.029	.85	.025	-.50	.025	.16
.150	-.07	.057	.96	.050	-.05	.050	.99
.200	-.08	.086	.93	.075	.30	.100	1.12
.300	-.37	.114	.82	.100	.62	.150	1.36
.400	-.66	.172	.73	.150	.84	.200	1.42
.500	.07	.229	.65	.200	1.02	.250	1.55
.600	-.11	.286	.62	.250	.94	.300	1.56
.700	.46	.343	.56	.300	.95	.400	1.82
.961	-.13	.400	.59	.350	.93	.500	1.30
		.458	.52	.400	.91	.600	1.90
		.571	.57	.500	.83	.703	2.53
		.686	.55	.600	-2.37	.756	2.60
				.700	-1.74		

ALPHA = 6.51 DEGREES DYNAMIC PRESSURE = 10.914 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.17	0.000	-1.80	.025	-2.85	.025	-3.94
.150	.05	.029	-5.03	.050	-3.49	.050	-3.25
.200	-.67	.057	-4.02	.075	-3.98	.100	-3.07
.300	-1.70	.086	-2.93	.100	-4.05	.150	-2.73
.400	-1.54	.114	-2.67	.149	-4.26	.200	-2.71
.500	-1.92	.172	-2.05	.200	-4.24	.250	-2.42
.600	-2.27	.229	-1.82	.250	-4.14	.300	-2.17
.700	-2.08	.286	-1.81	.300	-4.16	.400	-1.80
.800	-1.82	.343	-1.62	.350	-4.09	.500	-1.11
		.400	-1.39	.400	-3.73	.600	-1.23
		.458	-1.38	.500	-3.02	.703	-1.14
		.571	-1.37	.600	-2.56	.826	-1.04
		.686	-1.44	.700	-2.12		
		.801	-1.51	.800	-1.80		
		.915	-1.80				
		.967	-2.09				
		.994	-2.25				
			LOWER	SURFACE			
.075	.03	.029	.92	.025	-.57	.025	.26
.150	-.05	.057	.98	.050	-.05	.050	.95
.200	.02	.086	.91	.075	.35	.100	1.11
.300	-.08	.114	.84	.100	.57	.150	1.42
.400	.09	.172	.72	.150	.83	.200	1.45
.500	.51	.229	.69	.200	.93	.250	1.52
.600	.21	.286	.60	.250	.93	.300	1.55
.700	.37	.343	.60	.300	.92	.400	1.73
.861	-.33	.400	.60	.350	.94	.500	1.30
		.458	.58	.400	.95	.600	2.01
		.571	.57	.500	.85	.703	2.76
		.686	.56	.600	-2.43	.756	3.02
				.700	-1.73		

ALPHA = 8.39 DEGREES DYNAMIC PRESSURE = 10.893 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.21	0.000	-1.88	.025	-2.86	.025	-4.02
.150	-1.09	.029	-5.77	.050	-3.63	.050	-3.33
.200	-.98	.057	-4.25	.075	-3.97	.100	-2.95
.300	-1.52	.086	-3.34	.100	-4.19	.150	-2.82
.400	-2.28	.114	-2.97	.149	-4.27	.200	-2.66
.500	-2.24	.172	-2.19	.200	-4.30	.250	-2.37
.600	-2.89	.229	-2.02	.250	-4.21	.300	-2.18
.700	-2.41	.286	-1.87	.300	-4.22	.400	-1.76
.800	-2.21	.343	-1.67	.350	-4.07	.500	-1.14
		.400	-1.49	.400	-3.75	.600	-1.31
		.458	-1.44	.500	-2.88	.703	-1.13
		.571	-1.46	.600	-2.50	.826	-1.04
		.686	-1.45	.700	-2.22		
		.801	-1.55	.800	-1.76		
		.915	-1.85				
		.967	-2.10				
		.994	-2.22				
			LOWER	SURFACE			
.075	.24	.029	.96	.025	-.54	.025	.24
.150	.22	.057	.98	.050	-.00	.050	1.00
.200	.34	.086	.97	.075	.34	.100	1.20
.300	.45	.114	.89	.100	.65	.150	1.39
.400	.62	.172	.78	.150	.83	.200	1.56
.500	.55	.229	.74	.200	.95	.250	1.58
.600	.59	.286	.68	.250	.99	.300	1.53
.700	.39	.343	.69	.300	1.00	.400	1.81
.861	-.39	.400	.64	.350	.94	.500	1.44
		.458	.65	.400	.96	.600	2.10
		.571	.66	.500	.88	.703	2.87
		.686	.67	.600	-2.36	.756	2.90
				.700	-1.75		

ALPHA = 10.42 DEGREES DYNAMIC PRESSURE = 10.929 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.71	0.000	-2.28	.025	-2.85	.025	-3.98
.150	-1.10	.029	-6.68	.050	-3.42	.050	-3.52
.200	-2.05	.057	-4.89	.075	-4.09	.100	-3.10
.300	-2.56	.086	-3.74	.100	-4.26	.150	-2.84
.400	-2.92	.114	-3.31	.149	-4.26	.200	-2.72
.500	-3.05	.172	-2.50	.200	-4.21	.250	-2.45
.600	-2.97	.229	-2.07	.250	-4.27	.300	-2.19
.700	-3.05	.286	-2.05	.300	-4.12	.400	-1.83
.800	-3.00	.343	-1.81	.350	-4.09	.500	-1.16
		.400	-1.74	.400	-3.70	.600	-1.24
		.458	-1.60	.500	-3.06	.703	-1.12
		.571	-1.50	.600	-2.50	.826	-1.01
		.686	-1.53	.700	-2.15		
		.801	-1.60	.800	-1.83		
		.915	-1.91				
		.967	-2.16				
		.994	-2.36				
			LOWER	SURFACE			
.075	.60	.029	.91	.025	-.40	.025	.12
.150	.67	.057	1.02	.050	.04	.050	1.03
.200	.67	.086	.93	.075	.32	.100	1.19
.300	.64	.114	.93	.100	.59	.150	1.52
.400	.66	.172	.86	.150	.88	.200	1.59
.500	.66	.229	.77	.200	.97	.250	1.69
.600	.57	.286	.71	.250	.94	.300	1.58
.700	.37	.343	.71	.300	.98	.400	1.89
.861	-.48	.400	.66	.350	.96	.500	1.51
		.458	.71	.400	.97	.600	2.47
		.571	.65	.500	.92	.703	2.91
		.686	.67	.600	-2.28	.756	2.91
				.700	-1.72		

ALPHA = 12.41 DEGREES DYNAMIC PRESSURE = 10.894 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.53	0.000	-2.57	.025	-2.92	.025	-4.28
.150	-2.68	.029	-7.12	.050	-3.59	.050	-3.55
.200	-3.14	.057	-5.24	.075	-4.04	.100	-3.04
.300	-2.57	.086	-4.08	.100	-4.23	.150	-2.90
.400	-7.97	.114	-3.44	.149	-4.37	.200	-2.74
.500	-3.61	.172	-2.63	.200	-4.31	.250	-2.47
.600	-4.20	.229	-2.42	.250	-4.28	.300	-2.16
.700	-3.39	.286	-2.14	.300	-4.20	.400	-1.83
.800	-3.23	.343	-1.91	.350	-4.04	.500	-1.17
		.400	-1.77	.400	-3.71	.600	-1.25
		.458	-1.70	.500	-2.93	.703	-1.14
		.571	-1.60	.600	-2.34	.826	-1.02
		.686	-1.62	.700	-2.18		
		.801	-1.79	.800	-1.73		
		.915	-1.93				
		.967	-2.11				
		.994	-2.34				
			LOWER	SURFACE			
.075	.86	.029	.85	.025	-.40	.025	.14
.150	.76	.057	.95	.050	.02	.050	1.08
.200	.73	.086	.97	.075	.37	.100	1.24
.300	.74	.114	.94	.100	.60	.150	1.60
.400	.68	.172	.89	.150	.85	.200	1.70
.500	.63	.229	.75	.200	.92	.250	1.89
.600	.56	.286	.75	.250	1.00	.300	1.93
.700	.37	.343	.76	.300	1.00	.400	1.90
.861	-.63	.400	.72	.350	.98	.500	1.56
		.458	.73	.400	.94	.600	2.66
		.571	.72	.500	1.07	.703	3.03
		.686	.65	.600	-2.67	.756	3.90
				.700	-1.72		

ALPHA = 14.34 DEGREES DYNAMIC PRESSURE = 10.874 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.13	0.000	-1.99	.025	-2.27	.025	-4.09
.150	-2.13	.029	-6.21	.050	-2.73	.050	-3.29
.200	-2.15	.057	-4.49	.075	-3.13	.100	-2.87
.300	-3.02	.086	-3.53	.100	-2.62	.150	-2.76
.400	-2.80	.114	-2.74	.149	-2.98	.200	-2.57
.500	-3.30	.172	-2.16	.200	-2.73	.250	-2.30
.600	-3.33	.229	-2.16	.250	-2.82	.300	-2.01
.700	-3.01	.286	-1.83	.300	-2.76	.400	-1.63
.800	-2.75	.343	-1.71	.350	-2.59	.500	-1.09
		.400	-1.41	.400	-2.12	.600	-1.17
		.458	-1.40	.500	-2.00	.703	-1.20
		.571	-1.44	.600	-1.43	.826	-1.27
		.686	-1.35	.700	-1.35		
		.801	-1.47	.800	-1.27		
		.915	-1.48				
		.967	-1.47				
		.994	-1.89				
			LOWER	SURFACE			
.075	.61	.029	.87	.025	-.24	.025	.28
.150	.75	.057	.99	.050	.12	.050	1.03
.200	.71	.086	.97	.075	.44	.100	1.35
.300	.73	.114	.91	.100	.68	.150	1.48
.400	.69	.172	.87	.150	.89	.200	1.55
.500	.70	.229	.82	.200	.99	.250	1.77
.600	.61	.286	.87	.250	.98	.300	1.75
.700	.40	.343	.76	.300	1.00	.400	2.12
.861	-.53	.400	.73	.350	.96	.500	1.64
		.458	.69	.400	.92	.600	2.57
		.571	.63	.500	.92	.703	2.98
		.686	.69	.600	-2.37	.756	3.22
				.700	-1.56		

ALPHA = 16.25 DEGREES DYNAMIC PRESSURE = 10.874 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.58	0.000	-2.22	.025	-1.97	.025	-4.76
.150	-2.52	.029	-6.45	.050	-2.57	.050	-3.46
.200	-2.93	.057	-4.49	.075	-2.72	.100	-3.03
.300	-3.59	.086	-3.47	.100	-2.50	.150	-2.88
.400	-3.27	.114	-3.05	.149	-2.65	.200	-2.68
.500	-3.34	.172	-2.21	.200	-2.64	.250	-2.47
.600	-3.56	.229	-1.77	.250	-2.46	.300	-2.13
.700	-3.15	.286	-1.74	.300	-2.40	.400	-1.78
.800	-3.00	.343	-1.59	.350	-2.38	.500	-1.10
		.400	-1.44	.400	-2.32	.600	-1.29
		.458	-1.33	.500	-1.83	.703	-1.39
		.571	-1.10	.600	-1.56	.826	-1.52
		.686	-1.30	.700	-1.39		
		.801	-1.39	.800	-1.31		
		.915	-1.40				
		.967	-1.49				
		.994	-1.73				
			LOWER	SURFACE			
.075	.87	.029	.84	.025	-.21	.025	.20
.150	.79	.057	.94	.050	.14	.050	1.06
.200	.80	.086	.97	.075	.46	.100	1.37
.300	.76	.114	.96	.100	.68	.150	1.53
.400	.72	.172	.91	.150	.85	.200	1.60
.500	.67	.229	.83	.200	.92	.250	1.78
.600	.61	.286	.85	.250	.92	.300	1.95
.700	.36	.343	.83	.300	.96	.400	2.25
.861	-.51	.400	.77	.350	.98	.500	1.84
		.458	.75	.400	.99	.600	2.54
		.571	.73	.500	.99	.703	3.35
		.686	.74	.600	-2.29	.756	3.67
				.700	-1.72		

ALPHA = 18.14 DEGREES DYNAMIC PRESSURE = 10.945 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.36	0.000	-2.10	.025	-1.54	.025	-4.01
.150	-3.29	.029	-6.60	.050	-2.23	.050	-3.83
.200	-3.17	.057	-4.33	.075	-2.46	.100	-3.20
.300	-3.73	.086	-3.27	.100	-2.47	.150	-2.97
.400	-3.88	.114	-2.76	.149	-2.51	.200	-2.66
.500	-3.64	.172	-2.01	.200	-2.11	.250	-2.36
.600	-3.72	.229	-1.86	.250	-2.20	.300	-2.11
.700	-3.64	.286	-1.74	.300	-2.33	.400	-1.64
.800	-3.25	.343	-1.44	.350	-2.01	.500	-1.16
		.400	-1.44	.400	-1.92	.600	-1.24
		.458	-1.29	.500	-1.49	.703	-1.45
		.571	-1.28	.600	-1.58	.826	-1.51
		.686	-1.28	.700	-1.23		
		.801	-1.26	.800	-1.34		
		.915	-1.24				
		.967	-1.58				
		.994	-1.34				
			LOWER	SURFACE			
.075	.95	.029	.86	.025	-.14	.025	.15
.150	.81	.057	.98	.050	.23	.050	1.05
.200	.86	.086	1.03	.075	.49	.100	1.36
.300	.80	.114	.99	.100	.63	.150	1.68
.400	.74	.172	.96	.150	.80	.200	1.82
.500	.68	.229	.89	.200	.94	.250	2.10
.600	.57	.286	.87	.250	1.00	.300	1.89
.700	.38	.343	.86	.300	1.03	.400	2.25
.861	-.53	.400	.81	.350	1.01	.500	1.96
		.458	.76	.400	.99	.600	2.60
		.571	.74	.500	1.07	.703	3.59
		.686	.75	.600	-2.65	.756	3.68
				.700	-1.80		

ALPHA = 19.97 DEGREES DYNAMIC PRESSURE = 10.874 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.69	0.000	-1.81	.025	-1.92	.025	-4.64
.150	-3.15	.029	-5.72	.050	-2.40	.050	-3.59
.200	-3.94	.057	-4.55	.075	-2.61	.100	-3.22
.300	-4.17	.086	-3.41	.100	-2.96	.150	-2.86
.400	-3.79	.114	-2.85	.149	-2.30	.200	-2.95
.500	-3.91	.172	-2.31	.200	-2.47	.250	-2.43
.600	-3.91	.229	-2.01	.250	-2.06	.300	-2.04
.700	-3.78	.286	-1.57	.300	-2.35	.400	-1.75
.800	-3.34	.343	-1.22	.350	-1.98	.500	-1.25
		.400	-1.17	.400	-1.64	.600	-1.30
		.458	-1.30	.500	-1.50	.703	-1.28
		.571	-1.22	.600	-1.16	.826	-1.51
		.686	-1.37	.700	-1.30		
		.801	-1.15	.800	-1.21		
		.915	-1.22				
		.967	-1.07				
		.994	-1.43				
			LOWER	SURFACE			
.075	.97	.029	.80	.025	-.04	.025	.29
.150	.88	.057	.91	.050	.29	.050	1.07
.200	.87	.086	.99	.075	.49	.100	1.32
.300	.82	.114	.94	.100	.66	.150	1.71
.400	.79	.172	.98	.150	.85	.200	1.82
.500	.71	.229	.89	.200	.94	.250	2.14
.600	.61	.286	.88	.250	.97	.300	2.21
.700	.43	.343	.91	.300	.94	.400	2.54
.861	-.45	.400	.85	.350	1.00	.500	1.85
		.458	.77	.400	.97	.600	3.01
		.571	.73	.500	.97	.703	3.39
		.686	.76	.600	-2.40	.756	3.62
				.700	-1.81		

APPENDIX G

Single-slotted flap; $\delta_f = 40°$, $\delta_s = 50°$
$c_T = 1.94$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.292$
$\alpha = -3.79°$
$\alpha = 4.51°$
$\alpha = 12.39°$
$\alpha = 19.95°$
$\alpha = -5.90°$
$\alpha = 2.45°$
$\alpha = 10.39°$
$\alpha = 18.09°$
$\alpha = .37°$
$\alpha = 8.59°$
$\alpha = 16.26°$
$\alpha = -1.70°$
$\alpha = 6.47°$
$\alpha = 14.35°$
C_P
x/c

ALPHA = -5.90 DEGREES DYNAMIC PRESSURE = 11.129 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.93	0.000	-1.01	.025	-2.46	.025	-5.67
.150	1.04	.029	-1.15	.050	-3.04	.050	-4.40
.200	1.00	.057	-1.08	.075	-3.46	.100	-3.93
.300	.81	.086	-1.06	.100	-3.63	.150	-3.55
.400	.52	.114	-1.04	.149	-3.76	.200	-3.36
.500	.23	.172	-.93	.200	-3.72	.250	-3.00
.600	.01	.229	-.82	.250	-3.78	.300	-2.64
.700	-.18	.286	-.85	.300	-3.88	.400	-2.15
.800	-.29	.343	-.75	.350	-3.74	.500	-1.19
		.400	-.77	.400	-3.54	.600	-1.46
		.458	-.80	.500	-2.87	.703	-1.35
		.571	-.87	.600	-2.35	.826	-1.29
		.686	-.99	.700	-2.24		
		.801	-1.13	.800	-1.86		
		.915	-1.48				
		.967	-1.70				
		.994	-1.94				
			LOWER	SURFACE			
.075	-.82	.029	-1.12	.025	-.64	.025	.04
.150	-.84	.057	-.98	.050	-.26	.050	.98
.200	-.88	.086	-.97	.075	.14	.100	1.23
.300	-.99	.114	.11	.100	.36	.150	1.56
.400	-.89	.172	-.38	.150	.79	.200	1.68
.500	-.88	.229	-.08	.200	.93	.250	1.89
.600	-.77	.286	-.37	.250	.99	.300	2.07
.700	-.67	.343	.28	.300	.95	.400	2.31
.861	-.80	.400	.29	.350	.92	.500	1.76
		.458	.28	.400	.87	.600	2.77
		.571	.34	.500	.76	.703	3.75
		.686	.44	.600	-3.26	.756	3.56
				.700	-2.21		

ALPHA = -3.79 DEGREES DYNAMIC PRESSURE = 10.957 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.98	0.000	-1.47	.025	-2.55	.025	-5.47
.150	.98	.029	-1.69	.050	-3.11	.050	-4.65
.200	.94	.057	-1.46	.075	-3.69	.100	-3.95
.300	.51	.086	-1.48	.100	-3.85	.150	-3.66
.400	.29	.114	-1.21	.149	-3.82	.200	-3.32
.500	-.02	.172	-1.01	.200	-3.96	.250	-3.11
.600	-.38	.229	-1.06	.250	-3.91	.300	-2.68
.700	-.48	.286	-1.00	.300	-3.91	.400	-2.10
.800	-.46	.343	-.91	.350	-3.82	.500	-1.26
		.400	-.89	.400	-3.53	.600	-1.43
		.458	-.94	.500	-2.95	.703	-1.33
		.571	-1.01	.600	-2.48	.826	-1.27
		.686	-1.06	.700	-2.23		
		.801	-1.20	.800	-1.90		
		.915	-1.58				
		.967	-1.80				
		.994	-2.07				
			LOWER	SURFACE			
.075	-.99	.029	-1.02	.025	-.58	.025	-.01
.150	-.95	.057	-.97	.050	-.27	.050	.97
.200	-1.00	.086	.69	.075	.07	.100	1.16
.300	-.99	.114	.21	.100	.47	.150	1.60
.400	-.96	.172	.54	.150	.80	.200	1.68
.500	-.84	.229	.41	.200	.87	.250	1.91
.600	-.78	.286	.31	.250	.95	.300	1.94
.700	-.62	.343	.27	.300	.95	.400	2.20
.861	-.57	.400	.29	.350	.91	.500	1.64
		.458	.32	.400	.85	.600	2.75
		.571	.36	.500	.81	.703	3.53
		.686	.44	.600	-3.41	.756	3.72
				.700	-2.27		

ALPHA = -1.71 DEGREES DYNAMIC PRESSURE = 10.877 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.04	0.000	-2.30	.025	-2.61	.025	-5.75
.150	.85	.029	-2.18	.050	-3.32	.050	-4.83
.200	.66	.057	-1.99	.075	-3.82	.100	-4.03
.300	.39	.086	-1.65	.100	-3.92	.150	-3.58
.400	-.06	.114	-1.49	.149	-4.04	.200	-3.29
.500	-.29	.172	-1.24	.200	-4.05	.250	-3.03
.600	-.55	.229	-1.16	.250	-4.05	.300	-2.68
.700	-.59	.286	-1.26	.300	-4.11	.400	-2.17
.800	-.69	.343	-1.04	.350	-3.96	.500	-1.29
		.400	-1.00	.400	-3.71	.600	-1.47
		.458	-.99	.500	-2.96	.703	-1.37
		.571	-1.09	.600	-2.60	.826	-1.33
		.686	-1.19	.700	-2.32		
		.801	-1.32	.800	-1.99		
		.915	-1.64				
		.967	-1.94				
		.994	-2.08				
			LOWER	SURFACE			
.075	-.82	.029	-.49	.025	-.75	.025	-.12
.150	-.88	.057	.96	.050	-.32	.050	1.00
.200	-.87	.086	.91	.075	.14	.100	1.23
.300	-.84	.114	.82	.100	.46	.150	1.53
.400	-.89	.172	.53	.150	.71	.200	1.69
.500	-.90	.229	.41	.200	.91	.250	1.95
.600	-.81	.286	.35	.250	.90	.300	2.00
.700	-.64	.343	.33	.300	.88	.400	2.28
.861	-.66	.400	.40	.350	.90	.500	1.69
		.458	.40	.400	.91	.600	2.90
		.571	.44	.500	.80	.703	3.66
		.686	.44	.600	-3.52	.756	3.96
				.700	-2.38		

ALPHA = .37 DEGREES DYNAMIC PRESSURE = 10.910 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	1.01	0.000	-2.88	.025	-2.78	.025	-5.92
.150	.76	.029	-3.57	.050	-3.40	.050	-4.87
.200	.44	.057	-2.59	.075	-3.95	.100	-4.14
.300	.07	.086	-2.16	.100	-3.95	.150	-3.59
.400	-.10	.114	-1.84	.149	-4.08	.200	-3.50
.500	-.57	.172	-1.49	.200	-4.09	.250	-3.09
.600	-.91	.229	-1.39	.250	-4.27	.300	-2.71
.700	-.91	.286	-1.39	.300	-4.23	.400	-2.17
.800	-1.08	.343	-1.26	.350	-4.07	.500	-1.33
		.400	-1.16	.400	-3.74	.600	-1.49
		.458	-1.13	.500	-3.11	.703	-1.38
		.571	-1.20	.600	-2.67	.826	-1.29
		.686	-1.25	.700	-2.36		
		.801	-1.37	.800	-1.98		
		.915	-1.74				
		.967	-2.05				
		.994	-2.22				
			LOWER	SURFACE			
.075	-.64	.029	.22	.025	-.66	.025	-.12
.150	-.65	.057	1.00	.050	-.32	.050	.98
.200	-.74	.086	.90	.075	.17	.100	1.28
.300	-.80	.114	.77	.100	.43	.150	1.64
.400	-.82	.172	.51	.150	.77	.200	1.76
.500	-.80	.229	.46	.200	.89	.250	1.99
.600	-.73	.286	.47	.250	.92	.300	1.97
.700	-.64	.343	.44	.300	.96	.400	2.23
.861	-.27	.400	.48	.350	.94	.500	1.76
		.458	.47	.400	.92	.600	3.09
		.571	.46	.500	.81	.703	3.65
		.686	.50	.600	-3.37	.756	3.95
				.700	-2.41		

ALPHA = 2.46 DEGREES DYNAMIC PRESSURE = 10.861 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.91	0.000	-2.63	.025	-2.84	.025	-5.95
.150	.40	.029	-3.66	.050	-3.59	.050	-4.90
.200	.35	.057	-3.40	.075	-4.17	.100	-4.13
.300	-.10	.086	-2.37	.100	-4.21	.150	-3.67
.400	-.96	.114	-2.07	.149	-4.35	.200	-3.45
.500	-1.02	.172	-1.69	.200	-4.34	.250	-3.07
.600	-1.28	.229	-1.62	.250	-4.27	.300	-2.73
.700	-1.46	.286	-1.46	.300	-4.28	.400	-2.21
.800	-1.28	.343	-1.37	.350	-4.21	.500	-1.38
		.400	-1.30	.400	-3.82	.600	-1.48
		.458	-1.26	.500	-3.14	.703	-1.35
		.571	-1.26	.600	-2.64	.826	-1.28
		.686	-1.34	.700	-2.38		
		.801	-1.42	.800	-2.09		
		.915	-1.77				
		.967	-2.02				
		.994	-2.27				
			LOWER	SURFACE			
.075	-.52	.029	.74	.025	-.67	.025	-.12
.150	-.61	.057	1.01	.050	-.34	.050	1.04
.200	-.42	.086	.90	.075	.13	.100	1.29
.300	-.73	.114	.80	.100	.36	.150	1.67
.400	-.90	.172	.59	.150	.70	.200	1.75
.500	-.80	.229	.51	.200	.85	.250	2.08
.600	-.43	.286	.53	.250	.89	.300	2.05
.700	-.25	.343	.46	.300	.98	.400	2.51
.861	-.03	.400	.51	.350	.93	.500	1.84
		.458	.51	.400	.98	.600	3.06
		.571	.50	.500	.95	.703	3.93
		.686	.51	.600	-3.54	.756	4.12
				.700	-2.29		

ALPHA = 4.52 DEGREES DYNAMIC PRESSURE = 10.937 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.66	0.000	-2.24	.025	-2.99	.025	-6.02
.150	.14	.029	-4.86	.050	-3.66	.050	-4.91
.200	.07	.057	-3.89	.075	-4.20	.100	-4.22
.300	-.88	.086	-2.83	.100	-4.40	.150	-3.74
.400	-1.00	.114	-2.44	.149	-4.48	.200	-3.50
.500	-1.58	.172	-1.87	.200	-4.45	.250	-3.21
.600	-1.78	.229	-1.90	.250	-4.49	.300	-2.78
.700	-1.76	.286	-1.63	.300	-4.50	.400	-2.27
.800	-1.59	.343	-1.50	.350	-4.39	.500	-1.38
		.400	-1.41	.400	-3.98	.600	-1.56
		.458	-1.41	.500	-3.22	.703	-1.37
		.571	-1.39	.600	-2.73	.826	-1.34
		.686	-1.46	.700	-2.51		
		.801	-1.54	.800	-2.19		
		.915	-1.91				
		.967	-2.13				
		.994	-2.34				
			LOWER	SURFACE			
.075	-.26	.029	.92	.025	-.57	.025	-.03
.150	-.30	.057	.97	.050	-.20	.050	1.02
.200	-.29	.086	.90	.075	.17	.100	1.45
.300	-.38	.114	.80	.100	.44	.150	1.77
.400	-.61	.172	.70	.150	.74	.200	1.86
.500	-.52	.229	.56	.200	.80	.250	2.07
.600	.48	.286	.56	.250	.87	.300	2.38
.700	.20	.343	.53	.300	.93	.400	2.49
.861	-.06	.400	.54	.350	.89	.500	1.85
		.458	.53	.400	.93	.600	3.21
		.571	.52	.500	.76	.703	4.14
		.686	.58	.600	-3.77	.756	4.11
				.700	-2.45		

ALPHA = 6.48 DEGREES DYNAMIC PRESSURE = 10.915 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	.47	0.000	-1.90	.025	-3.05	.025	-5.96
.150	-.42	.029	-5.74	.050	-3.69	.050	-4.93
.200	-.69	.057	-4.18	.075	-4.32	.100	-4.10
.300	-1.07	.086	-3.26	.100	-4.43	.150	-3.81
.400	-1.33	.114	-2.89	.149	-4.58	.200	-3.52
.500	-2.03	.172	-2.14	.200	-4.48	.250	-3.30
.600	-2.30	.229	-1.96	.250	-4.57	.300	-2.80
.700	-2.69	.286	-1.82	.300	-4.52	.400	-2.32
.800	-1.64	.343	-1.71	.350	-4.44	.500	-1.38
		.400	-1.43	.400	-4.08	.600	-1.56
		.458	-1.54	.500	-3.32	.703	-1.39
		.571	-1.46	.600	-2.84	.826	-1.78
		.686	-1.48	.700	-2.48		
		.801	-1.59	.800	-2.06		
		.915	-1.94				
		.967	-2.26				
		.994	-2.47				
			LOWER	SURFACE			
.075	-.25	.029	.87	.025	-.59	.025	.07
.150	.10	.057	.93	.050	-.20	.050	1.04
.200	-.04	.086	.89	.075	.08	.100	1.39
.300	.63	.114	.82	.100	.29	.150	1.89
.400	.57	.172	.68	.150	.75	.200	2.18
.500	.49	.229	.64	.200	.93	.250	2.11
.600	.59	.286	.64	.250	.96	.300	2.19
.700	.47	.343	.57	.300	1.00	.400	2.60
.861	-.37	.400	.58	.350	.89	.500	2.01
		.458	.54	.400	1.06	.600	3.00
		.571	.55	.500	1.16	.703	4.69
		.686	.57	.600	-3.67	.756	4.85
				.700	-2.41		

ALPHA = 8.60 DEGREES DYNAMIC PRESSURE = 10.906 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-.08	0.000	-2.01	.025	-3.08	.025	-6.25
.150	-.70	.029	-6.29	.050	-3.73	.050	-5.14
.200	-1.12	.057	-4.57	.075	-4.40	.100	-4.36
.300	-1.97	.086	-3.70	.100	-4.45	.150	-3.96
.400	-2.09	.114	-3.07	.149	-4.61	.200	-3.70
.500	-2.33	.172	-2.29	.200	-4.60	.250	-3.34
.600	-2.81	.229	-2.16	.250	-4.73	.300	-2.90
.700	-2.51	.286	-1.90	.300	-4.57	.400	-2.30
.800	-2.76	.343	-1.77	.350	-4.54	.500	-1.42
		.400	-1.64	.400	-4.13	.600	-1.54
		.458	-1.54	.500	-3.39	.703	-1.38
		.571	-1.52	.600	-2.86	.826	-1.28
		.686	-1.54	.700	-2.50		
		.801	-1.67	.800	-2.09		
		.915	-2.01				
		.967	-2.33				
		.994	-2.55				
			LOWER	SURFACE			
.075	.31	.029	.93	.025	-.70	.025	-.09
.150	.44	.057	.96	.050	-.22	.050	1.21
.200	.41	.086	.91	.075	.00	.100	1.44
.300	.60	.114	.84	.100	.38	.150	1.95
.400	.60	.172	.74	.150	.75	.200	2.05
.500	.54	.229	.72	.200	.80	.250	2.26
.600	.52	.286	.68	.250	.99	.300	2.35
.700	.40	.343	.63	.300	.90	.400	2.58
.861	-.44	.400	.64	.350	1.02	.500	2.33
		.458	.65	.400	1.06	.600	3.94
		.571	.62	.500	1.17	.703	4.31
		.686	.65	.600	-3.49	.756	4.72
				.700	-2.39		

ALPHA = 10.39 DEGREES DYNAMIC PRESSURE = 10.884 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.17	0.000	-2.46	.025	-3.17	.025	-6.22
.150	-1.45	.029	-6.49	.050	-3.89	.050	-5.11
.200	-1.92	.057	-4.92	.075	-4.56	.100	-4.37
.300	-2.91	.086	-3.94	.100	-4.50	.150	-4.05
.400	-2.83	.114	-3.29	.149	-4.65	.200	-3.63
.500	-2.76	.172	-2.44	.200	-4.59	.250	-3.23
.600	-2.99	.229	-2.46	.250	-4.67	.300	-2.95
.700	-3.27	.286	-2.17	.300	-4.49	.400	-2.25
.800	-2.94	.343	-1.88	.350	-4.40	.500	-1.45
		.400	-1.75	.400	-4.21	.600	-1.54
		.458	-1.69	.500	-3.28	.703	-1.36
		.571	-1.58	.600	-2.84	.826	-1.36
		.686	-1.61	.700	-2.49		
		.801	-1.66	.800	-2.11		
		.915	-2.03				
		.967	-2.30				
		.994	-2.51				
			LOWER	SURFACE			
.075	.68	.029	.82	.025	-.77	.025	.05
.150	.40	.057	.99	.050	-.23	.050	1.12
.200	.50	.086	.93	.075	-.02	.100	1.54
.300	.64	.114	.91	.100	.29	.150	2.33
.400	.61	.172	.87	.150	.68	.200	2.16
.500	.61	.229	.76	.200	.79	.250	2.41
.600	.52	.286	.79	.250	.91	.300	2.87
.700	.31	.343	.66	.300	.94	.400	3.28
.861	-.58	.400	.68	.350	.97	.500	2.58
		.458	.67	.400	1.00	.600	3.93
		.571	.64	.500	.92	.703	4.54
		.686	.67	.600	-3.67	.756	4.82
				.700	-2.37		

ALPHA = 12.40 DEGREES DYNAMIC PRESSURE = 10.885 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-1.71	0.000	-7.48	.025	-3.22	.025	-6.47
.150	-2.02	.029	-7.52	.050	-3.87	.050	-5.25
.200	-2.10	.057	-5.32	.075	-4.53	.100	-4.37
.300	-3.61	.086	-4.19	.100	-4.66	.150	-3.98
.400	-3.36	.114	-3.51	.149	-4.73	.200	-3.64
.500	-3.91	.172	-2.77	.200	-4.75	.250	-3.47
.600	-3.78	.229	-2.33	.250	-4.75	.300	-2.92
.700	-3.31	.286	-2.20	.300	-4.73	.400	-2.40
.800	-3.63	.343	-2.02	.350	-4.61	.500	-1.45
		.400	-1.88	.400	-4.18	.600	-1.52
		.458	-1.73	.500	-3.44	.703	-1.44
		.571	-1.71	.600	-2.85	.826	-1.36
		.686	-1.76	.700	-2.48		
		.801	-1.90	.800	-2.16		
		.915	-2.07				
		.967	-2.35				
		.994	-2.64				
			LOWER	SURFACE			
.075	.74	.029	.83	.025	-.72	.025	-.10
.150	.69	.057	.96	.050	-.24	.050	1.30
.200	.61	.086	.97	.075	-.02	.100	1.59
.300	.67	.114	.97	.100	.42	.150	2.24
.400	.61	.172	.86	.150	.70	.200	2.15
.500	.59	.229	.81	.200	.93	.250	2.52
.600	.53	.286	.76	.250	.93	.300	2.40
.700	.32	.343	.77	.300	.95	.400	2.95
.861	-.74	.400	.70	.350	.98	.500	2.65
		.458	.74	.400	1.06	.600	4.46
		.571	.67	.500	1.35	.703	4.76
		.686	.69	.600	-3.70	.756	5.59
				.700	-2.52		

ALPHA = 14.35 DEGREES DYNAMIC PRESSURE = 10.869 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.32	0.000	-2.91	.025	-3.22	.025	-6.69
.150	-2.79	.029	-6.88	.050	-3.89	.050	-5.23
.200	-3.55	.057	-4.74	.075	-4.42	.100	-4.43
.300	-3.86	.086	-3.92	.100	-4.61	.150	-4.06
.400	-4.43	.114	-3.76	.149	-4.70	.200	-3.67
.500	-4.93	.172	-2.91	.200	-4.81	.250	-3.36
.600	-4.26	.229	-2.54	.250	-4.68	.300	-2.99
.700	-4.70	.286	-2.37	.300	-4.69	.400	-2.34
.800	-3.86	.343	-2.16	.350	-4.50	.500	-1.46
		.400	-1.96	.400	-4.32	.600	-1.54
		.458	-1.91	.500	-3.38	.703	-1.38
		.571	-1.80	.600	-2.78	.826	-1.35
		.686	-1.85	.700	-2.51		
		.801	-1.84	.800	-2.06		
		.915	-2.17				
		.967	-2.41				
		.994	-2.68				
			LOWER	SURFACE			
.075	.88	.029	.77	.025	-.41	.025	.01
.150	.70	.057	.87	.050	-.13	.050	1.22
.200	.68	.086	.93	.075	.15	.100	1.68
.300	.71	.114	.92	.100	.35	.150	2.08
.400	.66	.172	.89	.150	.65	.200	2.36
.500	.61	.229	.81	.200	.82	.250	2.89
.600	.53	.286	.79	.250	.93	.300	2.69
.700	.26	.343	.76	.300	1.03	.400	3.40
.861	-.80	.400	.79	.350	.98	.500	2.80
		.458	.74	.400	1.23	.600	4.90
		.571	.69	.500	1.32	.703	5.95
		.686	.68	.600	-4.29	.756	5.63
				.700	-2.54		

ALPHA = 16.27 DEGREES DYNAMIC PRESSURE = 10.905 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.20	0.000	-2.34	.025	-2.32	.025	-6.28
.150	-2.54	.029	-7.10	.050	-3.03	.050	-5.36
.200	-3.03	.057	-5.17	.075	-3.26	.100	-4.23
.300	-3.53	.086	-3.62	.100	-3.37	.150	-3.77
.400	-4.08	.114	-3.11	.149	-3.48	.200	-3.46
.500	-3.84	.172	-2.42	.200	-2.90	.250	-2.94
.600	-3.94	.229	-2.16	.250	-2.79	.300	-2.65
.700	-3.55	.286	-1.82	.300	-2.75	.400	-2.19
.800	-3.19	.343	-1.90	.350	-2.49	.500	-1.51
		.400	-1.37	.400	-2.43	.600	-1.51
		.458	-1.60	.500	-2.01	.703	-1.44
		.571	-1.50	.600	-1.97	.826	-1.73
		.686	-1.54	.700	-1.59		
		.801	-1.68	.800	-1.56		
		.915	-1.62				
		.967	-1.96				
		.994	-1.87				
			LOWER	SURFACE			
.075	.81	.029	.82	.025	-.51	.025	.01
.150	.81	.057	.91	.050	-.23	.050	1.43
.200	.80	.086	.97	.075	.10	.100	2.02
.300	.77	.114	.95	.100	.24	.150	2.31
.400	.69	.172	.87	.150	.72	.200	2.58
.500	.67	.229	.86	.200	.82	.250	2.70
.600	.59	.286	.82	.250	.95	.300	2.67
.700	.40	.343	.73	.300	.98	.400	3.43
.861	-.64	.400	.77	.350	1.02	.500	2.58
		.458	.77	.400	.99	.600	4.43
		.571	.70	.500	1.26	.703	4.95
		.686	.72	.600	-3.83	.756	5.82
				.700	-2.48		

ALPHA = 18.09 DEGREES DYNAMIC PRESSURE = 10.928 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-2.98	0.000	-2.18	.025	-2.15	.025	-6.42
.150	-3.54	.029	-7.01	.050	-2.98	.050	-5.27
.200	-3.62	.057	-4.96	.075	-2.99	.100	-4.18
.300	-3.90	.086	-3.83	.100	-2.83	.150	-3.76
.400	-4.18	.114	-3.23	.149	-2.69	.200	-3.48
.500	-4.15	.172	-2.41	.200	-2.21	.250	-2.96
.600	-3.98	.229	-2.01	.250	-2.12	.300	-2.68
.700	-3.69	.286	-1.45	.300	-2.47	.400	-2.21
.800	-3.51	.343	-1.62	.350	-2.28	.500	-1.90
		.400	-1.43	.400	-2.96	.600	-1.54
		.458	-1.43	.500	-2.00	.703	-1.53
		.571	-1.34	.600	-1.66	.826	-1.77
		.686	-1.58	.700	-1.73		
		.901	-1.50	.800	-1.44		
		.915	-1.75				
		.967	-1.71				
		.994	-1.88				
			LOWER	SURFACE			
.075	.91	.029	.74	.025	-.67	.025	.08
.150	.76	.057	.91	.050	-.05	.050	1.42
.200	.84	.086	.94	.075	.11	.100	1.67
.300	.78	.114	.93	.100	.33	.150	2.44
.400	.73	.172	.88	.150	.71	.200	2.78
.500	.68	.229	.86	.200	.88	.250	2.73
.600	.60	.286	.81	.250	.91	.300	2.61
.700	.39	.343	.81	.300	.98	.400	3.45
.861	-.56	.400	.80	.350	1.04	.500	2.93
		.458	.76	.400	1.00	.600	4.86
		.571	.74	.500	1.29	.703	5.45
		.686	.73	.600	-3.85	.756	5.61
				.700	-2.43		

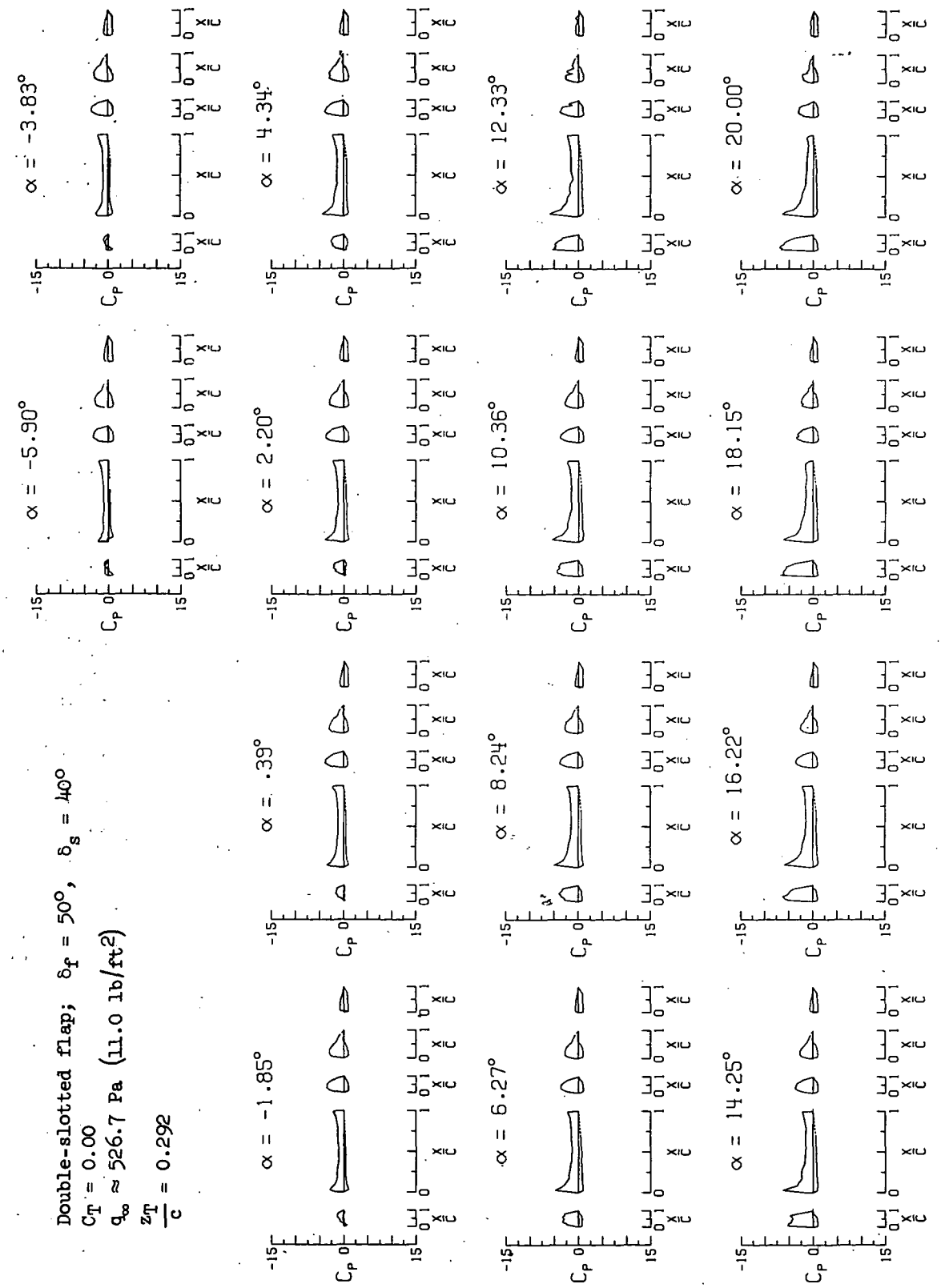
ALPHA = 19.96 DEGREES DYNAMIC PRESSURE = 10.908 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP
			UPPER	SURFACE			
.075	-3.56	0.000	-2.33	.025	-2.37	.025	-6.75
.150	-3.53	.029	-6.57	.050	-2.46	.050	-5.32
.200	-3.94	.057	-4.86	.075	-2.43	.100	-4.50
.300	-3.99	.086	-3.91	.100	-2.96	.150	-3.84
.400	-4.23	.114	-2.72	.149	-2.76	.200	-3.44
.500	-4.28	.172	-2.36	.200	-2.81	.250	-3.21
.600	-3.86	.229	-1.97	.250	-2.62	.300	-2.76
.700	-3.58	.286	-1.84	.300	-1.91	.400	-1.96
.900	-3.76	.343	-1.75	.350	-2.73	.500	-1.34
		.400	-1.49	.400	-2.08	.600	-1.44
		.458	-1.34	.500	-1.62	.703	-1.54
		.571	-1.29	.600	-1.67	.826	-1.85
		.686	-1.38	.700	-1.40		
		.801	-1.47	.800	-1.42		
		.915	-1.26				
		.967	-1.72				
		.994	-1.60				
			LOWER	SURFACE			
.075	1.00	.029	.76	.025	-.27	.025	.09
.150	.90	.057	.91	.050	-.15	.050	1.38
.200	.85	.086	.97	.075	.17	.100	2.02
.300	.77	.114	.94	.100	.48	.150	2.23
.400	.77	.172	.95	.150	.76	.200	2.59
.500	.68	.229	.93	.200	.84	.250	2.78
.600	.60	.286	.87	.250	.92	.300	3.21
.700	.37	.343	.87	.300	.99	.400	3.77
.961	-.67	.400	.83	.350	1.02	.500	3.09
		.458	.89	.400	1.11	.600	4.83
		.571	.76	.500	1.35	.703	5.62
		.686	.81	.600	-3.93	.756	5.56
				.700	-2.34		

APPENDIX H

PRESSURE DATA FOR $\delta_f = 50^o$, $\delta_s = 40^o$, AND MEDIUM PYLON

The pressure measurements made on the wing with the double-slotted flap and the leading-edge slat deflected ($\delta_f = 50^o$ and $\delta_s = 40^o$) are presented in this appendix in coefficient form in graphs and tables. The data are for the medium-length pylon and are arranged in order of increasing thrust coefficient.


Double-slotted flap; δ_f = 50°, δ_s = 40°
C_T = 0.00
$q_\infty \approx$ 526.7 Pa (11.0 lb/ft2)
$\frac{z_T}{c}$ = 0.292
α = -5.90°
α = -3.83°
α = -1.85°
α = .39°
α = 2.20°
α = 4.34°
α = 6.27°
α = 8.24°
α = 10.36°
α = 12.33°
α = 14.25°
α = 16.22°
α = 18.15°
α = 20.00°
C_p
x/c

ALPHA = -5.91 DEGREES DYNAMIC PRESSURE = 10.969 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	.99	0.000	-2.16	.075	-2.71	.025	-1.38	.025	-.80
.150	.71	.029	-1.78	.150	-2.27	.050	-1.98	.050	-.82
.200	.57	.057	-1.49	.200	-2.80	.075	-2.35	.100	-.84
.300	.00	.086	-1.50	.300	-3.28	.100	-2.55	.150	-.82
.400	-.09	.114	-1.13	.400	-3.16	.149	-2.74	.200	-.83
.500	-.35	.172	-1.00	.500	-3.09	.200	-2.73	.250	-.78
.600	-.66	.229	-1.06	.600	-3.05	.250	-2.95	.300	-.74
.700	-.85	.286	-1.15	.700	-2.82	.300	-2.87	.400	-.64
.800	-.77	.343	-1.04	.800	-2.23	.350	-2.78	.500	-.63
		.400	-.95			.400	-2.64	.600	-.48
		.458	-.90			.500	-2.22	.703	-.33
		.571	-.98			.600	-1.50	.826	-.19
		.686	-.98			.700	-1.23		
		.801	-1.21			.800	-1.01		
		.915	-1.49						
		.967	-1.97						
		.994	-1.97						
				LOWER SURFACE					
.075	-.57	.029	-.25	.075	.81	.025	.45	.025	.99
.150	-.58	.057	.95	.150	1.01	.050	.92	.050	.92
.200	-.62	.086	.86	.200	.99	.075	.95	.100	.92
.300	-.67	.114	.62	.300	.95	.100	1.00	.150	.96
.400	-.61	.172	.42	.400	.83	.150	.96	.200	.88
.500	-.62	.229	.32	.500	.86	.200	.94	.250	.90
.600	-.55	.286	.32	.600	.85	.250	.83	.300	.86
.700	-.52	.343	.31	.700	.72	.300	.76	.400	.82
.861	-.11	.400	.31	.861	.33	.350	.71	.500	.87
		.458	.33			.400	.65	.600	.83
		.571	.26			.500	.41	.703	.88
		.686	.40			.600	-.14	.756	.85
						.700	-.22		

ALPHA = -3.83 DEGREES DYNAMIC PRESSURE = 10.926 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	.93	0.000	-2.25	.075	-2.23	.025	-1.36	.025	-.66
.150	.63	.029	-2.58	.150	-2.66	.050	-1.94	.050	-.76
.200	.28	.057	-2.22	.200	-3.07	.075	-2.53	.100	-.87
.300	-.41	.086	-1.84	.300	-3.50	.100	-2.60	.150	-.79
.400	-.60	.114	-1.61	.400	-3.45	.149	-2.87	.200	-.76
.500	-.74	.172	-1.22	.500	-3.43	.200	-2.91	.250	-.83
.600	-1.00	.229	-1.21	.600	-3.26	.250	-2.99	.300	-.70
.700	-.93	.286	-1.24	.700	-2.71	.300	-2.94	.400	-.68
.800	-.84	.343	-1.01	.800	-2.20	.350	-2.76	.500	-.55
		.400	-1.01			.400	-2.70	.600	-.51
		.458	-.99			.500	-2.25	.703	-.28
		.571	-1.09			.600	-1.44	.826	-.12
		.686	-1.13			.700	-1.29		
		.801	-1.21			.800	-.99		
		.915	-1.60						
		.967	-1.99						
		.994	-2.19						
				LOWER SURFACE					
.075	-.50	.029	.94	.075	.78	.025	.39	.025	1.03
.150	-.63	.057	.85	.150	1.02	.050	.92	.050	.96
.200	-.38	.086	.69	.200	1.01	.075	.94	.100	.93
.300	-.56	.114	.62	.300	1.00	.100	1.04	.150	.96
.400	-.57	.172	.42	.400	.95	.150	.93	.200	.92
.500	-.57	.229	.29	.500	.88	.200	.92	.250	.94
.600	-.54	.286	.31	.600	.88	.250	.89	.300	.87
.700	-.37	.343	.27	.700	.76	.300	.77	.400	.85
.861	.15	.400	.30	.861	.35	.350	.71	.500	.89
		.458	.30			.400	.64	.600	.83
		.571	.29			.500	.36	.703	.85
		.686	.36			.600	-.16	.756	.83
						.700	-.25		

ALPHA = -1.85 DEGREES DYNAMIC PRESSURE = 10.939 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	.76	0.000	-1.34	.075	-1.96	.025	-1.23	.025	1.00
.150	.29	.029	-2.82	.150	-2.63	.050	-1.90	.050	-.75
.200	-.19	.057	-2.49	.200	-3.05	.075	-2.31	.100	-.79
.300	-.81	.086	-2.06	.300	-3.59	.100	-2.65	.150	-.85
.400	-.98	.114	-1.69	.400	-3.50	.149	-2.86	.200	-.79
.500	-.96	.172	-1.32	.500	-3.51	.200	-2.96	.250	-.77
.600	-1.39	.229	-1.40	.600	-3.27	.250	-2.83	.300	-.74
.700	-1.23	.286	-1.32	.700	-2.74	.300	-2.95	.400	-.63
.800	-1.12	.343	-1.17	.800	-2.21	.350	-2.72	.500	-.55
		.400	-1.02			.400	-2.50	.600	-.41
		.458	-1.08			.500	-2.14	.703	-.25
		.571	-1.07			.600	-1.47	.826	-.16
		.686	-1.20			.700	-1.25		
		.801	-1.19			.800	-.93		
		.915	-1.62						
		.967	-2.01						
		.994	-2.15						
				LOWER SURFACE					
.075	-.13	.029	1.06	.075	.84	.025	.22	.025	.98
.150	-.02	.057	.90	.150	1.04	.050	.87	.050	.98
.200	-.24	.086	.71	.200	.99	.075	.92	.100	.97
.300	-.09	.114	.62	.300	.97	.100	1.01	.150	.99
.400	-.29	.172	.47	.400	.93	.150	.99	.200	.91
.500	-.22	.229	.38	.500	.90	.200	.97	.250	.96
.600	.01	.286	.39	.600	.86	.250	.92	.300	.89
.700	-.15	.343	.35	.700	.73	.300	.79	.400	.89
.861	.27	.400	.37	.861	.34	.350	.75	.500	.88
		.458	.42			.400	.68	.600	.85
		.571	.32			.500	.41	.703	.84
		.686	.38			.600	-.15	.756	.83
						.700	-.21		

ALPHA = .40 DEGREES DYNAMIC PRESSURE = 10.945 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	.34	0.000	-1.07	.075	-2.13	.025	-1.36	.025	-.65
.150	-.32	.029	-3.57	.150	-2.95	.050	-1.90	.050	-.73
.200	-.43	.057	-2.73	.200	-3.24	.075	-2.39	.100	-.76
.300	-1.27	.086	-2.35	.300	-3.77	.100	-2.67	.150	-.81
.400	-1.28	.114	-1.95	.400	-3.70	.149	-2.99	.200	-.81
.500	-1.59	.172	-1.60	.500	-3.71	.200	-2.96	.250	-.79
.600	-1.55	.229	-1.47	.600	-3.34	.250	-2.93	.300	-.70
.700	-1.41	.286	-1.35	.700	-2.82	.300	-2.85	.400	-.62
.800	-1.48	.343	-1.30	.800	-2.31	.350	-2.70	.500	-.50
		.400	-1.15			.400	-2.57	.600	-.42
		.458	-1.14			.500	-2.18	.703	-.29
		.571	-1.11			.600	-1.43	.826	-.10
		.686	-1.19			.700	-1.16		
		.801	-1.35			.800	-.92		
		.915	-1.60						
		.967	-2.09						
		.994	-2.17						
				LOWER SURFACE					
.075	.09	.029	1.02	.075	.68	.025	.13	.025	1.03
.150	.01	.057	.90	.150	.90	.050	.83	.050	.99
.200	.06	.086	.77	.200	.93	.075	.95	.100	1.00
.300	.14	.114	.74	.300	.93	.100	.96	.150	.94
.400	.17	.172	.58	.400	.86	.150	.98	.200	.92
.500	.06	.229	.58	.500	.84	.200	.93	.250	.92
.600	.06	.286	.49	.600	.76	.250	.90	.300	.90
.700	.20	.343	.45	.700	.65	.300	.82	.400	.88
.861	.26	.400	.50	.861	.21	.350	.79	.500	.89
		.458	.48			.400	.73	.600	.83
		.571	.48			.500	.49	.703	.91
		.686	.42			.600	-.06	.756	.82
						.700	-.17		

ALPHA = 2.21 DEGREES DYNAMIC PRESSURE = 10.909 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.01	0.000	-.58	.075	-2.05	.025	-1.39	.025	1.00
.150	-.67	.029	-3.85	.150	-2.87	.050	-1.88	.050	-.66
.200	-1.01	.057	-3.20	.200	-3.22	.075	-2.36	.100	-.72
.300	-1.72	.086	-2.58	.300	-3.76	.100	-2.67	.150	-.77
.400	-1.57	.114	-1.99	.400	-3.71	.149	-2.96	.200	-.77
.500	-2.10	.172	-1.78	.500	-3.67	.200	-2.99	.250	-.74
.600	-1.92	.229	-1.60	.600	-3.37	.250	-2.97	.300	-.68
.700	-1.99	.286	-1.65	.700	-2.67	.300	-2.97	.400	-.66
.800	-1.76	.343	-1.44	.800	-2.28	.350	-2.71	.500	-.46
		.400	-1.32			.400	-2.72	.600	-.45
		.458	-1.20			.500	-2.13	.703	-.21
		.571	-1.19			.600	-1.39	.826	-.05
		.586	-1.28			.700	-1.20		
		.301	-1.41			.800	-.91		
		.915	-1.68						
		.967	-2.04						
		.994	-2.24						
				LOWER	SURFACE				
.075	.28	.029	1.09	.075	.80	.025	.00	.025	1.01
.150	.26	.057	.94	.150	1.02	.050	.90	.050	.99
.200	.28	.086	.82	.200	1.04	.075	.92	.100	.99
.300	.31	.114	.71	.300	.98	.100	1.07	.150	.97
.400	.33	.172	.64	.400	.93	.150	.98	.200	.91
.500	.31	.229	.60	.500	.93	.200	1.00	.250	.96
.600	.25	.286	.51	.600	.87	.250	.90	.300	.90
.700	.59	.343	.53	.700	.73	.300	.88	.400	.90
.861	.38	.400	.52	.861	.74	.350	.79	.500	.86
		.458	.56			.400	.72	.600	.86
		.571	.48			.500	.50	.703	.85
		.686	.47			.600	-.05	.756	.83
						.700	-.13		

ALPHA = 4.34 DEGREES DYNAMIC PRESSURE = 10.898 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.21	0.000	-.45	.075	-2.03	.025	-1.35	.025	1.00
.150	-1.76	.029	-4.47	.150	-2.91	.050	-1.91	.050	-.68
.200	-1.71	.057	-3.53	.200	-3.38	.075	-2.50	.100	-.72
.300	-2.41	.086	-2.97	.300	-3.99	.100	-2.84	.150	-.82
.400	-2.21	.114	-2.32	.400	-3.73	.149	-2.95	.200	-.74
.500	-2.63	.172	-1.94	.500	-3.57	.200	-2.85	.250	-.69
.600	-2.63	.229	-1.92	.600	-3.35	.250	-2.91	.300	-.64
.700	-2.29	.286	-1.75	.700	-2.87	.300	-2.96	.400	-.67
.800	-2.18	.343	-1.55	.800	-2.33	.350	-2.78	.500	-.51
		.400	-1.30			.400	-2.55	.600	-.34
		.458	-1.33			.500	-2.16	.703	-.24
		.571	-1.34			.600	-1.49	.826	-.09
		.586	-1.35			.700	-1.16		
		.801	-1.43			.800	-.99		
		.915	-1.75						
		.967	-2.11						
		.994	-2.21						
				LOWER	SURFACE				
.075	.49	.029	.96	.075	.83	.025	-.06	.025	.98
.150	.51	.057	.97	.150	.99	.050	.83	.050	1.02
.200	.42	.086	.86	.200	.99	.075	.95	.100	1.00
.300	.68	.114	.80	.300	.97	.100	.93	.150	.97
.400	.73	.172	.65	.400	.96	.150	.99	.200	.97
.500	.77	.229	.67	.500	.93	.200	.94	.250	.90
.600	.68	.286	.58	.600	.86	.250	.89	.300	.93
.700	.64	.343	.60	.700	.78	.300	.85	.400	.91
.861	.21	.400	.64	.861	.27	.350	.95	.500	.89
		.458	.51			.400	.73	.600	.84
		.571	.55			.500	.54	.703	.89
		.686	.51			.600	.00	.756	.83
						.700	-.22		

ALPHA = 6.27 DEGREES DYNAMIC PRESSURE = 10.850 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.36	0.000	-.53	.075	-2.09	.025	-1.32	.025	-.36
.150	-2.63	.029	-4.80	.150	-2.92	.050	-1.74	.050	-.58
.200	-2.47	.057	-3.78	.200	-3.23	.075	-2.34	.100	-.68
.300	-3.42	.086	-3.06	.300	-3.72	.100	-2.55	.150	-.69
.400	-3.22	.114	-2.65	.400	-3.64	.149	-2.83	.200	-.70
.500	-3.04	.172	-2.03	.500	-3.59	.200	-2.80	.250	-.66
.600	-3.30	.229	-2.04	.600	-3.33	.250	-2.74	.300	-.59
.700	-2.88	.286	-1.80	.700	-2.76	.300	-2.72	.400	-.46
.800	-2.94	.343	-1.74	.800	-2.26	.350	-2.59	.500	-.45
		.400	-1.43			.400	-2.51	.600	-.29
		.458	-1.45			.500	-2.01	.703	-.19
		.571	-1.39			.600	-1.39	.826	-.03
		.686	-1.44			.700	-1.18		
		.801	-1.53			.800	-.86		
		.915	-1.75						
		.967	-2.10						
		.994	-2.31						
				LOWER	SURFACE				
.075	.76	.029	1.03	.075	.77	.025	.03	.025	1.00
.150	.73	.057	.99	.150	1.00	.050	.88	.050	1.01
.200	.70	.086	.92	.200	1.03	.075	.97	.100	.98
.300	.64	.114	.90	.300	.98	.100	1.01	.150	1.00
.400	.73	.172	.78	.400	.94	.150	.99	.200	.96
.500	.73	.229	.78	.500	.89	.200	1.01	.250	.95
.600	.76	.286	.72	.600	.88	.250	.97	.300	.94
.700	.68	.343	.66	.700	.75	.300	.93	.400	.94
.861	.23	.400	.55	.861	.30	.350	.89	.500	.90
		.458	.62			.400	.83	.600	.88
		.571	.58			.500	.55	.703	.93
		.686	.54			.600	-.02	.756	.91
						.700	-.11		

ALPHA = 8.25 DEGREES DYNAMIC PRESSURE = 10.885 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.53	0.000	-.80	.075	-2.11	.025	-1.36	.025	.99
.150	-2.95	.029	-5.08	.150	-2.99	.050	-1.93	.050	-.69
.200	-2.87	.057	-3.91	.200	-3.38	.075	-2.43	.100	-.71
.300	-3.47	.086	-3.16	.300	-3.83	.100	-2.61	.150	-.71
.400	-3.65	.114	-2.80	.400	-3.68	.149	-2.83	.200	-.70
.500	-3.96	.172	-2.33	.500	-3.57	.200	-2.79	.250	-.64
.600	-3.60	.229	-2.14	.600	-3.31	.250	-2.75	.300	-.58
.700	-3.37	.286	-2.04	.700	-2.78	.300	-2.75	.400	-.54
.800	-3.25	.343	-1.78	.800	-2.29	.350	-2.54	.500	-.43
		.400	-1.62			.400	-2.61	.600	-.31
		.458	-1.49			.500	-1.91	.703	-.16
		.571	-1.51			.600	-1.34	.826	-.00
		.686	-1.54			.700	-1.19		
		.801	-1.66			.800	-.92		
		.915	-1.87						
		.967	-2.16						
		.994	-2.29						
				LOWER	SURFACE				
.075	.83	.029	1.03	.075	.77	.025	-.17	.025	.97
.150	.81	.057	.93	.150	.96	.050	.81	.050	.93
.200	.78	.086	.91	.200	.96	.075	.88	.100	.94
.300	.79	.114	.86	.300	.94	.100	1.00	.150	.93
.400	.72	.172	.81	.400	.88	.150	.98	.200	.90
.500	.73	.229	.75	.500	.87	.200	.90	.250	.92
.600	.70	.286	.67	.600	.82	.250	.93	.300	.89
.700	.60	.343	.59	.700	.69	.300	.87	.400	.87
.861	.18	.400	.58	.861	.28	.350	.90	.500	.88
		.458	.62			.400	.76	.600	.88
		.571	.65			.500	.50	.703	.91
		.686	.59			.600	-.11	.756	.85
						.700	-.15		

ALPHA = 10.37 DEGREES DYNAMIC PRESSURE = 10.923 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.61	0.000	-.54	.075	-2.10	.025	-1.35	.025	1.02
.150	-3.39	.029	-5.39	.150	-3.02	.050	-1.94	.050	-.66
.200	-4.22	.057	-4.64	.200	-3.25	.075	-2.35	.100	-.61
.300	-4.46	.086	-3.40	.300	-3.86	.100	-2.68	.150	-.69
.400	-4.31	.114	-3.04	.400	-3.66	.149	-2.81	.200	-.65
.500	-3.77	.172	-2.30	.500	-3.61	.200	-2.84	.250	-.61
.600	-4.06	.229	-2.31	.600	-3.21	.250	-2.68	.300	-.54
.700	-3.83	.286	-2.04	.700	-2.71	.300	-2.50	.400	-.44
.800	-3.61	.343	-1.84	.800	-2.15	.350	-2.43	.500	-.34
		.400	-1.66			.400	-2.31	.600	-.19
		.458	-1.51			.500	-1.93	.703	-.10
		.571	-1.49			.600	-1.25	.826	.07
		.686	-1.47			.700	-1.04		
		.801	-1.59			.800	-.76		
		.915	-1.85						
		.967	-2.27						
		.994	-2.24						
				LOWER	SURFACE				
.075	.99	.029	.99	.075	.78	.025	-.13	.025	.98
.150	.90	.057	.94	.150	1.03	.050	.73	.050	.98
.200	.85	.086	1.02	.200	.99	.075	.95	.100	1.01
.300	.84	.114	1.01	.300	.95	.100	.85	.150	.94
.400	.82	.172	.80	.400	.93	.150	.93	.200	1.02
.500	.81	.229	.81	.500	.92	.200	1.01	.250	.96
.600	.74	.286	.76	.600	.83	.250	.95	.300	.93
.700	.69	.343	.77	.700	.80	.300	.86	.400	.93
.861	.13	.400	.66	.861	.21	.350	.86	.500	.96
		.458	.65			.400	.81	.600	.88
		.571	.59			.500	.60	.703	.94
		.686	.67			.600	-.08	.756	.89
						.700	-.14		

ALPHA = 12.33 DEGREES DYNAMIC PRESSURE = 10.939 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.45	0.000	-1.31	.075	-2.17	.025	-1.23	.025	.25
.150	-4.76	.029	-5.88	.150	-2.68	.050	-1.69	.050	-.66
.200	-5.00	.057	-4.85	.200	-3.23	.075	-2.24	.100	-.56
.300	-4.67	.086	-3.48	.300	-3.88	.100	-2.67	.150	-.65
.400	-4.92	.114	-3.27	.400	-3.61	.149	-2.75	.200	-.66
.500	-4.62	.172	-2.49	.500	-3.47	.200	-2.70	.250	-.58
.600	-4.24	.229	-2.38	.600	-3.34	.250	-2.72	.300	-.56
.700	-3.40	.286	-1.70	.700	-1.33	.300	-1.31	.400	-.63
.800	-3.36	.343	-1.88	.800	-2.02	.350	-2.30	.500	-.31
		.400	-1.73			.400	-2.35	.600	-.22
		.458	-1.17			.509	-.99	.703	-.69
		.571	-1.62			.600	-1.29	.826	.12
		.686	-1.59			.700	-1.07		
		.801	-1.67			.800	-.96		
		.915	-1.90						
		.967	-2.18						
		.994	-2.39						
				LOWER	SURFACE				
.075	.96	.029	.85	.075	.80	.025	-.24	.025	.99
.150	.83	.057	1.05	.150	1.04	.050	.84	.050	.93
.200	.91	.086	.93	.200	1.02	.075	.86	.100	.96
.300	.85	.114	.96	.300	.99	.100	.90	.150	1.01
.400	.75	.172	.89	.400	.88	.150	1.06	.200	.98
.500	.75	.229	.78	.500	.89	.200	.95	.250	.93
.600	.77	.286	.69	.600	.91	.250	.96	.300	1.01
.700	.61	.343	.77	.700	.76	.300	.91	.400	.90
.861	.02	.400	.68	.861	.31	.350	.83	.500	.95
		.458	.66			.400	.76	.600	.92
		.571	.62			.500	.58	.703	.88
		.686	.52			.600	-.01	.756	.84
						.700	-.12		

ALPHA = 14.25 DEGREES DYNAMIC PRESSURE = 10.979 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.38	0.000	-1.34	.075	-2.09	.025	-1.24	.025	1.00
.150	-5.21	.029	-6.27	.150	-2.85	.050	-1.79	.050	-.52
.200	-5.13	.057	-4.81	.200	-3.37	.075	-2.42	.100	-.72
.300	-4.52	.086	-3.31	.300	-3.76	.100	-2.52	.150	-.69
.400	-4.52	.114	-3.09	.400	-3.59	.149	-2.74	.200	-.67
.500	-4.76	.172	-2.35	.500	-3.48	.200	-2.71	.250	-.59
.600	-4.27	.229	-2.42	.600	-3.30	.250	-2.80	.300	-.56
.700	-4.75	.286	-2.36	.700	-2.66	.300	-2.52	.400	-.44
.800	-3.50	.343	-1.87	.800	-2.19	.350	-2.46	.500	-.36
		.400	-1.73			.400	-2.13	.600	-.19
		.458	-1.69			.500	-1.69	.703	-.09
		.571	-1.52			.600	-1.21	.826	.07
		.686	-1.49			.700	-.92		
		.801	-1.46			.800	-.67		
		.915	-1.89						
		.967	-2.09						
		.994	-2.27						
				LOWER	SURFACE				
.075	.94	.029	.95	.075	.81	.025	-.25	.025	.95
.150	.94	.057	.96	.150	.97	.050	.94	.050	1.05
.200	.92	.086	.97	.200	1.01	.075	.99	.100	.99
.300	.90	.114	.99	.300	.99	.100	.98	.150	1.07
.400	.84	.172	.85	.400	.98	.150	1.00	.200	.98
.500	.76	.229	.79	.500	.92	.200	.97	.250	.95
.600	.81	.286	.73	.600	.94	.250	1.00	.300	.96
.700	.61	.343	.72	.700	.78	.300	.89	.400	.92
.861	.03	.400	.66	.861	.29	.350	.84	.500	.99
		.458	.67			.400	.78	.600	.91
		.571	.64			.500	.54	.703	.90
		.686	.62			.600	-.05	.756	.91
						.700	-.15		

ALPHA = 16.22 DEGREES DYNAMIC PRESSURE = 10.985 LBF/SQ.FT.

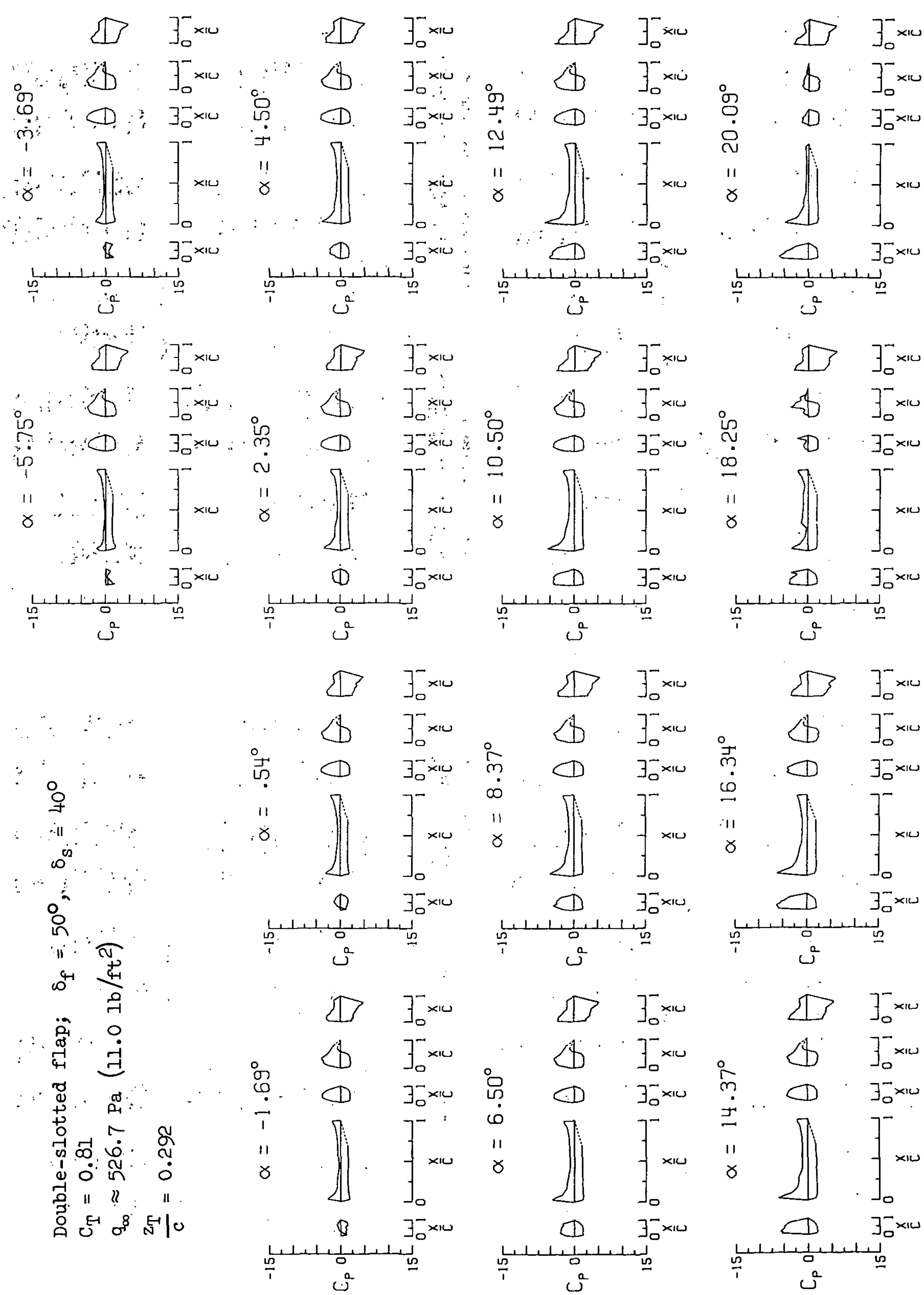
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.94	0.000	-1.21	.075	-2.12	.025	-1.27	.025	1.00
.150	-5.69	.029	-6.02	.150	-2.73	.050	-1.64	.050	-.60
.200	-5.90	.057	-4.84	.200	-3.13	.075	-2.08	.100	-.59
.300	-6.30	.086	-3.93	.300	-3.49	.100	-2.20	.150	-.55
.400	-5.38	.114	-3.28	.400	-3.51	.149	-2.54	.200	-.59
.500	-5.01	.172	-2.50	.500	-3.36	.200	-2.57	.250	-.55
.600	-4.79	.229	-2.28	.600	-3.15	.250	-2.52	.300	-.52
.700	-4.42	.286	-2.16	.700	-2.55	.300	-2.50	.400	-.48
.800	-3.68	.343	-1.89	.800	-2.05	.350	-2.26	.500	-.31
		.400	-1.62			.400	-1.96	.600	-.16
		.458	-1.58			.500	-1.76	.703	-.12
		.571	-1.44			.600	-1.11	.826	.09
		.686	-1.54			.700	-1.05		
		.801	-1.62			.800	-.73		
		.915	-1.78						
		.967	-2.14						
		.994	-2.18						
				LOWER	SURFACE				
.075	.95	.029	.90	.075	.83	.025	-.27	.025	1.00
.150	.96	.057	1.00	.150	.98	.050	.91	.050	.97
.200	1.01	.086	1.01	.200	1.04	.075	.90	.100	1.00
.300	.89	.114	1.03	.300	.98	.100	.98	.150	1.02
.400	.81	.172	.86	.400	.92	.150	1.00	.200	.97
.500	.80	.229	.89	.500	.91	.200	1.00	.250	1.00
.600	.73	.286	.83	.600	.89	.250	1.02	.300	.96
.700	.64	.343	.74	.700	.75	.300	.84	.400	.97
.861	-.01	.400	.78	.861	.38	.350	.90	.500	.97
		.458	.63			.400	.85	.600	.91
		.571	.70			.500	.55	.703	.93
		.686	.66			.600	-.01	.756	.93
						.700	-.18		

ALPHA = 18.15 DEGREES DYNAMIC PRESSURE = 10.050 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.87	0.000	-1.45	.075	-2.10	.025	-.92	.025	.98
.150	-6.00	.029	-6.21	.150	-2.52	.050	-1.55	.050	-.63
.200	-6.12	.057	-5.23	.200	-3.11	.075	-2.16	.100	-.62
.300	-6.15	.086	-3.73	.300	-3.58	.100	-2.37	.150	-.65
.400	-5.76	.114	-3.26	.400	-3.00	.149	-2.08	.200	-.60
.500	-5.51	.172	-2.69	.500	-3.34	.200	-2.55	.250	-.68
.600	-5.44	.229	-2.60	.600	-2.99	.250	-2.41	.300	-.52
.700	-4.51	.286	-2.26	.700	-2.58	.300	-2.45	.400	-.55
.800	-3.70	.343	-1.93	.800	-2.06	.350	-2.28	.500	-.41
		.400	-1.81			.400	-2.15	.600	-.25
		.459	-1.70			.500	-1.67	.703	-.16
		.571	-1.46			.600	-1.07	.826	.08
		.686	-1.56			.700	-1.02		
		.801	-1.29			.800	-.46		
		.915	-1.67						
		.967	-1.58						
		.994	-.87						
				LOWER	SURFACE				
.075	.95	.029	.93	.075	.82	.025	-.40	.025	.89
.150	.92	.057	1.06	.150	.98	.050	.81	.050	1.04
.200	.99	.086	.94	.200	1.05	.075	.99	.100	.96
.300	.88	.114	.97	.300	1.00	.100	.96	.150	.95
.400	.90	.172	.83	.400	1.01	.150	1.06	.200	.95
.500	.75	.229	.80	.500	.90	.200	.86	.250	.91
.600	.73	.286	.74	.600	.88	.250	.89	.300	.94
.700	.75	.343	.81	.700	.86	.300	.92	.400	.85
.861	.28	.400	.78	.861	.60	.350	.82	.500	.85
		.458	.75			.400	.48	.600	.83
		.571	.76			.500	.55	.703	.83
		.686	.63			.600	-.13	.756	.79
						.700	-.15		

ALPHA = 20.00 DEGREES DYNAMIC PRESSURE = 10.910 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.73	0.000	-1.64	.075	-2.15	.025	-1.25	.025	.77
.150	-6.43	.029	-6.43	.150	-2.30	.050	-1.44	.050	-.56
.200	-7.07	.057	-5.67	.200	-2.87	.075	-1.89	.100	-.57
.300	-6.71	.086	-4.01	.300	-3.16	.100	-2.07	.150	-.63
.400	-6.11	.114	-3.50	.400	-3.08	.149	-2.24	.200	-.59
.500	-5.99	.172	-2.80	.500	-2.95	.200	-2.32	.250	-.59
.600	-5.43	.229	-2.47	.600	-2.91	.250	-2.43	.300	-.46
.700	-4.68	.286	-2.30	.700	-2.43	.300	-2.35	.400	-.42
.800	-3.78	.343	-1.90	.800	-1.20	.350	-1.41	.500	-.66
		.400	-1.56			.400	-1.26	.600	-.68
		.458	-1.62			.500	-.90	.703	-.42
		.571	-1.43			.600	-.86	.826	-.33
		.686	-1.43			.700	-.94		
		.801	-1.24			.800	-.66		
		.915	-1.07						
		.967	-1.39						
		.994	-.86						
				LOWER	SURFACE				
.075	.92	.029	.67	.075	.86	.025	-.45	.025	.90
.150	.93	.057	.82	.150	1.03	.050	.85	.050	.94
.200	.87	.086	.90	.200	.96	.075	.81	.100	.94
.300	.78	.114	.71	.300	.90	.100	.80	.150	.94
.400	.75	.172	.77	.400	.90	.150	.87	.200	.86
.500	.75	.229	.76	.500	.90	.200	.90	.250	.87
.600	.66	.286	.77	.600	.86	.250	.70	.300	.88
.700	.48	.343	.69	.700	.76	.300	.74	.400	.91
.861	-.11	.400	.71	.861	.49	.350	.68	.500	.76
		.458	.60			.400	.69	.600	.78
		.571	.65			.500	.44	.703	.79
		.686	.57			.600	-.16	.756	.83
						.700	-.26		


Double-slotted flap; $\delta_f = 50^\circ$, $\delta_s = 40^\circ$
$C_T = 0.81$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft^2)
$\frac{z_T}{c} = 0.292$
$\alpha = -3.69^\circ$
$\alpha = 4.50^\circ$
$\alpha = 12.49^\circ$
$\alpha = 20.09^\circ$
$\alpha = -5.75^\circ$
$\alpha = 2.35^\circ$
$\alpha = 10.50^\circ$
$\alpha = 18.25^\circ$
$\alpha = .54^\circ$
$\alpha = 8.37^\circ$
$\alpha = 16.34^\circ$
$\alpha = -1.69^\circ$
$\alpha = 6.50^\circ$
$\alpha = 14.37^\circ$
C_p
-15
0
15
x/c
0
1

ALPHA = -5.75 DEGREES DYNAMIC PRESSURE = 10.947 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.94	0.000	-1.19	.075	-1.71	.025	-1.01	.025	-2.75
.150	1.31	.029	-1.92	.150	-2.50	.050	-1.41	.050	-2.84
.200	1.33	.057	-1.09	.200	-2.96	.075	-2.17	.100	-2.66
.300	.88	.086	-.73	.300	-3.57	.100	-2.69	.150	-2.95
.400	.53	.114	-.54	.400	-3.52	.149	-3.24	.200	-2.87
.500	.22	.172	-.36	.500	-3.54	.200	-3.37	.250	-2.72
.600	-.00	.229	-.43	.600	-3.35	.250	-3.52	.300	-2.29
.700	.20	.286	-.27	.700	-2.72	.300	-3.71	.400	-1.90
.800	.16	.343	-.25	.800	-2.12	.350	-3.69	.500	-1.34
		.400	-.16			.400	-3.39	.600	-1.28
		.458	-.14			.500	-2.66	.703	-1.38
		.571	-.17			.600	-2.13	.826	-1.36
		.686	-.41			.700	-1.83		
		.801	-.58			.800	-1.49		
		.915	-1.02						
		.967	-1.52						
		.994	-1.70						
				LOWER	SURFACE				
.075	.61	.029	1.81	.075	1.55	.025	1.63	.025	2.32
.150	.51	.057	1.94	.150	1.93	.050	1.91	.050	2.42
.200	.43	.086	1.75	.200	2.01	.075	2.09	.100	2.36
.300	.54	.114	1.63	.300	2.00	.100	2.05	.150	2.55
.400	.36	.172	1.48	.400	2.01	.150	2.14	.200	2.66
.500	.41	.229	1.44	.500	1.98	.200	2.09	.250	2.80
.600	.41	.286	1.44	.600	1.93	.250	2.08	.300	2.78
.700	.60	.343	1.44	.700	1.84	.300	1.96	.400	3.15
.861	1.01	.400	1.39	.861	1.42	.350	1.99	.500	3.07
		.458	1.47			.400	1.94	.600	3.63
		.571	1.47			.500	1.50	.703	4.48
		.686	1.48			.600	-.19	.756	4.50
						.700	-.68		

ALPHA = -3.69 DEGREES DYNAMIC PRESSURE = 10.937 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.73	0.000	-.66	.075	-1.81	.025	-1.02	.025	-2.67
.150	1.32	.029	-2.12	.150	-2.67	.050	-1.43	.050	-2.51
.200	.84	.057	-1.78	.200	-3.17	.075	-2.26	.100	-2.57
.300	.22	.086	-1.25	.300	-3.77	.100	-2.75	.150	-2.84
.400	-.02	.114	-.96	.400	-3.79	.149	-3.37	.200	-2.87
.500	-.20	.172	-.57	.500	-3.74	.200	-3.46	.250	-2.58
.600	-.50	.229	-.65	.600	-3.46	.250	-3.56	.300	-2.26
.700	-.52	.286	-.58	.700	-2.93	.300	-3.88	.400	-1.94
.800	-.16	.343	-.37	.800	-2.22	.350	-3.83	.500	-1.35
		.400	-.25			.400	-3.40	.600	-1.29
		.458	-.28			.500	-2.73	.703	-1.36
		.571	-.36			.600	-2.14	.826	-1.33
		.686	-.49			.700	-1.93		
		.801	-.63			.800	-1.51		
		.915	-1.06						
		.967	-1.64						
		.994	-1.83						
				LOWER	SURFACE				
.075	.75	.029	1.93	.075	1.54	.025	1.67	.025	2.29
.150	.81	.057	1.91	.150	1.94	.050	1.84	.050	2.42
.200	.95	.086	1.77	.200	1.98	.075	2.08	.100	2.31
.300	.79	.114	1.67	.300	2.03	.100	1.98	.150	2.56
.400	.64	.172	1.55	.400	1.99	.150	2.15	.200	2.73
.500	.64	.229	1.50	.500	1.98	.200	2.11	.250	2.81
.600	.89	.286	1.49	.600	1.90	.250	2.06	.300	2.79
.700	.99	.343	1.49	.700	1.82	.300	1.91	.400	3.09
.861	1.38	.400	1.50	.861	1.36	.350	2.06	.500	3.12
		.458	1.51			.400	1.97	.600	3.69
		.571	1.48			.500	1.50	.703	4.57
		.686	1.51			.600	-.27	.756	4.62
						.700	-.63		

ALPHA = -1.69 DEGREES DYNAMIC PRESSURE = 10.921 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.29	0.000	.32	.075	-1.87	.025	-1.05	.025	-2.59
.150	.70	.029	-2.69	.150	-2.74	.050	-1.52	.050	-2.69
.200	.36	.057	-2.18	.200	-3.28	.075	-2.36	.100	-2.87
.300	-.22	.086	-1.48	.300	-3.92	.100	-2.84	.150	-2.92
.400	-.49	.114	-1.18	.400	-3.78	.149	-3.37	.200	-2.86
.500	-.54	.172	-.71	.500	-3.82	.200	-3.56	.250	-2.69
.600	-.74	.229	-.76	.600	-3.50	.250	-3.58	.300	-2.25
.700	-.72	.286	-.69	.700	-3.00	.300	-3.91	.400	-1.99
.800	-.53	.343	-.55	.800	-2.34	.350	-3.93	.500	-1.37
		.400	-.38			.400	-3.47	.600	-1.30
		.458	-.35			.500	-2.73	.703	-1.34
		.571	-.51			.600	-2.27	.826	-1.40
		.686	-.57			.700	-1.94		
		.801	-.74			.800	-1.47		
		.915	-1.16						
		.967	-1.67						
		.994	-1.88						
				LOWER	SURFACE				
.075	1.02	.029	1.99	.075	1.58	.025	1.63	.025	2.26
.150	1.01	.057	1.91	.150	1.95	.050	1.83	.050	2.42
.200	1.15	.086	1.81	.200	1.95	.075	2.06	.100	2.40
.300	.99	.114	1.73	.300	2.00	.100	2.04	.150	2.70
.400	1.26	.172	1.62	.400	1.98	.150	2.14	.200	2.75
.500	1.00	.229	1.57	.500	1.96	.200	2.13	.250	2.75
.600	1.06	.286	1.55	.600	1.92	.250	2.06	.300	2.79
.700	1.58	.343	1.53	.700	1.80	.300	1.96	.400	3.10
.861	1.39	.400	1.55	.861	1.35	.350	2.03	.500	3.43
		.458	1.58			.400	1.97	.600	3.79
		.571	1.55			.500	1.53	.703	4.62
		.686	1.56			.600	-.22	.756	4.71
						.700	-.69		

ALPHA = .55 DEGREES DYNAMIC PRESSURE = 10.953 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.03	0.000	.44	.075	-1.93	.025	-1.12	.025	-2.78
.150	.45	.029	-3.04	.150	-2.85	.050	-1.59	.050	-2.69
.200	-.37	.057	-2.59	.200	-3.30	.075	-2.35	.100	-2.78
.300	-.74	.086	-1.77	.300	-3.94	.100	-2.88	.150	-2.96
.400	-.98	.114	-1.50	.400	-4.02	.149	-3.60	.200	-2.90
.500	-1.37	.172	-1.10	.500	-3.94	.200	-3.65	.250	-2.76
.600	-1.15	.229	-.92	.600	-3.62	.250	-3.73	.300	-2.40
.700	-.99	.286	-.84	.700	-3.00	.300	-3.94	.400	-1.98
.800	-.86	.343	-.70	.800	-2.44	.350	-3.97	.500	-1.39
		.400	-.60			.400	-3.59	.600	-1.33
		.458	-.54			.500	-2.87	.703	-1.44
		.571	-.54			.600	-2.32	.826	-1.45
		.686	-.66			.700	-1.93		
		.801	-.83			.800	-1.62		
		.915	-1.30						
		.967	-1.82						
		.994	-2.04						
				LOWER	SURFACE				
.075	1.27	.029	1.92	.075	1.56	.025	1.63	.025	2.38
.150	1.23	.057	1.87	.150	1.93	.050	1.80	.050	2.46
.200	1.23	.086	1.78	.200	1.97	.075	2.03	.100	2.38
.300	1.47	.114	1.74	.300	2.01	.100	1.96	.150	2.60
.400	1.51	.172	1.61	.400	1.99	.150	2.10	.200	2.74
.500	1.63	.229	1.62	.500	1.99	.200	2.09	.250	2.89
.600	1.62	.286	1.58	.600	1.91	.250	2.06	.300	2.90
.700	1.57	.343	1.61	.700	1.80	.300	1.91	.400	3.36
.861	1.17	.400	1.57	.861	1.34	.350	2.05	.500	3.19
		.458	1.56			.400	1.98	.600	3.86
		.571	1.54			.500	1.48	.703	4.48
		.686	1.58			.600	-.29	.756	4.76
						.700	-.81		

ALPHA = 2.35 DEGREES DYNAMIC PRESSURE = 10.964 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.30	0.000	.43	.075	-1.98	.025	-1.12	.025	-3.04
.150	-.47	.029	-3.56	.150	-2.97	.050	-1.68	.050	-2.81
.200	-1.36	.057	-3.02	.200	-3.41	.075	-2.38	.100	-2.91
.300	-1.25	.086	-1.98	.300	-4.14	.100	-3.03	.150	-3.09
.400	-1.64	.114	-1.74	.400	-4.04	.149	-3.56	.200	-2.89
.500	-1.51	.172	-1.12	.500	-4.00	.200	-3.68	.250	-2.79
.600	-1.65	.229	-1.13	.600	-3.81	.250	-3.84	.300	-2.27
.700	-1.74	.286	-1.11	.700	-3.13	.300	-4.00	.400	-2.01
.800	-1.59	.343	-.89	.800	-2.47	.350	-4.08	.500	-1.44
		.400	-.61			.400	-3.64	.600	-1.37
		.459	-.59			.500	-2.84	.703	-1.38
		.571	-.58			.600	-2.31	.826	-1.39
		.686	-.77			.700	-1.98		
		.801	-.86			.800	-1.58		
		.915	-1.33						
		.967	-1.91						
		.994	-2.00						
				LOWER	SURFACE				
.075	1.39	.029	1.91	.075	1.54	.025	1.59	.025	2.30
.150	1.46	.057	1.91	.150	1.93	.050	1.82	.050	2.48
.200	1.39	.086	1.87	.200	1.98	.075	1.99	.100	2.40
.300	1.68	.114	1.86	.300	2.01	.100	1.93	.150	2.63
.400	1.63	.172	1.75	.400	1.99	.150	2.09	.200	2.78
.500	1.68	.229	1.68	.500	1.96	.200	2.11	.250	2.95
.600	1.65	.286	1.62	.600	1.90	.250	2.04	.300	2.91
.700	1.59	.343	1.65	.700	1.79	.300	1.92	.400	3.37
.861	1.14	.400	1.62	.861	1.30	.350	2.00	.500	3.19
		.458	1.59			.400	1.95	.600	4.21
		.571	1.63			.500	1.55	.703	4.69
		.686	1.59			.600	-.48	.756	4.92
						.700	-.94		

ALPHA = 4.51 DEGREES DYNAMIC PRESSURE = 10.966 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.75	0.000	.25	.075	-2.00	.025	-1.10	.025	-3.20
.150	-1.08	.029	-4.02	.150	-2.95	.050	-1.64	.050	-2.97
.200	-1.28	.057	-3.07	.200	-3.48	.075	-2.48	.100	-2.98
.300	-2.29	.086	-2.39	.300	-4.16	.100	-2.98	.150	-3.07
.400	-2.17	.114	-1.96	.400	-4.04	.149	-3.54	.200	-3.09
.500	-2.09	.172	-1.36	.500	-4.14	.200	-3.75	.250	-2.89
.600	-2.31	.229	-1.37	.600	-3.88	.250	-3.87	.300	-2.40
.700	-1.79	.286	-1.10	.700	-3.19	.300	-4.05	.400	-2.04
.800	-1.58	.343	-.90	.800	-2.46	.350	-3.97	.500	-1.39
		.400	-.82			.400	-3.59	.600	-1.32
		.458	-.82			.500	-2.81	.703	-1.39
		.571	-.72			.600	-2.36	.826	-1.51
		.686	-.87			.700	-2.04		
		.801	-1.00			.800	-1.48		
		.915	-1.43						
		.967	-1.99						
		.994	-2.10						
				LOWER	SURFACE				
.075	1.66	.029	1.95	.075	1.54	.025	1.41	.025	2.29
.150	1.74	.057	1.90	.150	1.88	.050	1.75	.050	2.47
.200	1.68	.086	1.87	.200	1.97	.075	1.97	.100	2.41
.300	1.71	.114	1.81	.300	2.00	.100	1.97	.150	2.79
.400	1.70	.172	1.74	.400	1.96	.150	2.12	.200	2.98
.500	1.70	.229	1.73	.500	1.93	.200	2.12	.250	2.98
.600	1.66	.286	1.68	.600	1.88	.250	2.08	.300	3.11
.700	1.55	.343	1.68	.700	1.76	.300	1.92	.400	3.52
.861	1.12	.400	1.66	.861	1.32	.350	2.07	.500	3.55
		.458	1.64			.400	1.95	.600	3.99
		.571	1.62			.500	1.52	.703	4.80
		.686	1.61			.600	-.71	.756	4.96
						.700	-.84		

ALPHA = 6.50 DEGREES DYNAMIC PRESSURE = 10.946 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.08	0.000	-.01	.075	-2.11	.025	-1.21	.025	-3.55
.150	-2.44	.029	-4.67	.150	-3.02	.050	-1.71	.050	-3.34
.200	-3.02	.057	-3.89	.200	-3.63	.075	-2.58	.100	-3.29
.300	-2.89	.086	-2.67	.300	-4.34	.100	-3.22	.150	-3.26
.400	-2.93	.114	-2.25	.400	-4.16	.149	-3.61	.200	-3.11
.500	-2.79	.172	-1.58	.500	-4.22	.200	-3.78	.250	-2.82
.600	-2.69	.229	-1.52	.600	-3.90	.250	-3.91	.300	-2.45
.700	-2.28	.286	-1.31	.700	-3.28	.300	-4.17	.400	-2.11
.800	-2.41	.343	-1.15	.800	-2.61	.350	-4.18	.500	-1.46
		.400	-.95			.400	-3.70	.600	-1.37
		.458	-.91			.500	-2.93	.703	-1.43
		.571	-.86			.600	-2.43	.826	-1.48
		.686	-.95			.700	-2.01		
		.801	-1.06			.800	-1.64		
		.915	-1.45						
		.967	-2.01						
		.994	-2.26						
				LOWER	SURFACE				
.075	1.82	.029	1.86	.075	1.53	.025	1.60	.025	2.34
.150	1.75	.057	1.89	.150	1.89	.050	1.77	.050	2.60
.200	1.70	.086	1.91	.200	1.95	.075	2.00	.100	2.42
.300	1.73	.114	1.85	.300	1.98	.100	1.87	.150	2.78
.400	1.72	.172	1.80	.400	1.97	.150	2.06	.200	3.00
.500	1.69	.229	1.74	.500	1.94	.200	2.08	.250	3.43
.600	1.66	.286	1.75	.600	1.90	.250	2.03	.300	3.22
.700	1.56	.343	1.67	.700	1.80	.300	1.92	.400	3.47
.861	1.02	.400	1.64	.861	1.34	.350	2.05	.500	3.55
		.458	1.64			.400	2.00	.600	4.32
		.571	1.61			.500	1.55	.703	5.05
		.686	1.63			.600	-.50	.756	5.19
						.700	-.92		

ALPHA = 8.38 DEGREES DYNAMIC PRESSURE = 10.880 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.32	0.000	-.10	.075	-2.17	.025	-1.23	.025	-3.30
.150	-2.96	.029	-4.99	.150	-3.15	.050	-1.85	.050	-3.47
.200	-3.50	.057	-4.14	.200	-3.59	.075	-2.56	.100	-3.37
.300	-4.35	.086	-3.14	.300	-4.40	.100	-3.18	.150	-3.40
.400	-3.54	.114	-2.54	.400	-4.22	.149	-3.73	.200	-3.42
.500	-3.63	.172	-1.84	.500	-4.21	.200	-3.84	.250	-3.02
.600	-3.57	.229	-1.80	.600	-3.91	.250	-3.87	.300	-2.49
.700	-3.13	.286	-1.53	.700	-3.36	.300	-4.21	.400	-2.12
.800	-2.78	.343	-1.31	.800	-2.66	.350	-4.21	.500	-1.52
		.400	-1.09			.400	-3.61	.600	-1.34
		.458	-1.01			.500	-2.89	.703	-1.45
		.571	-1.03			.600	-2.48	.826	-1.57
		.686	-1.12			.700	-2.13		
		.801	-1.21			.800	-1.70		
		.915	-1.57						
		.967	-2.08						
		.994	-2.24						
				LOWER	SURFACE				
.075	1.85	.029	1.81	.075	1.48	.025	1.47	.025	2.43
.150	1.80	.057	1.91	.150	1.86	.050	1.68	.050	2.90
.200	1.83	.086	1.87	.200	1.95	.075	1.89	.100	2.68
.300	1.75	.114	1.88	.300	1.97	.100	1.89	.150	3.03
.400	1.74	.172	1.81	.400	1.96	.150	2.02	.200	3.17
.500	1.71	.229	1.78	.500	1.95	.200	2.06	.250	3.31
.600	1.66	.286	1.76	.600	1.86	.250	2.04	.300	3.59
.700	1.51	.343	1.66	.700	1.76	.300	1.93	.400	3.68
.861	.94	.400	1.66	.861	1.27	.350	2.01	.500	3.73
		.458	1.68			.400	2.05	.600	4.34
		.571	1.68			.500	1.55	.703	5.11
		.686	1.63			.600	-.69	.756	5.41
						.700	-.89		

ALPHA = 10.50 DEGREES DYNAMIC PRESSURE = 10.884 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-4.34	0.000	-.43	.075	-2.23	.025	-1.23	.025	-3.90
.150	-4.09	.029	-5.60	.150	-3.19	.050	-1.84	.050	-3.46
.200	-4.42	.057	-4.56	.200	-3.64	.075	-2.59	.100	-3.40
.300	-4.41	.086	-3.27	.300	-4.30	.100	-3.10	.150	-3.34
.400	-4.10	.114	-2.73	.400	-4.27	.149	-3.79	.200	-3.38
.500	-4.39	.172	-2.05	.500	-4.19	.200	-3.78	.250	-3.03
.600	-4.16	.229	-1.93	.600	-4.01	.250	-3.99	.300	-2.57
.700	-3.63	.286	-1.68	.700	-3.42	.300	-4.25	.400	-2.14
.800	-2.87	.343	-1.44	.800	-2.61	.350	-4.11	.500	-1.46
		.400	-1.18			.400	-3.80	.600	-1.44
		.458	-1.11			.500	-3.00	.703	-1.50
		.571	-1.00			.600	-2.33	.826	-1.49
		.686	-1.09			.700	-1.95		
		.801	-1.22			.800	-1.62		
		.915	-1.61						
		.967	-2.13						
		.994	-2.29						
				LOWER SURFACE					
.075	1.90	.029	1.82	.075	1.51	.025	1.41	.025	2.68
.150	1.88	.057	1.89	.150	1.84	.050	1.68	.050	2.73
.200	1.83	.086	1.88	.200	1.94	.075	1.94	.100	2.74
.300	1.78	.114	1.89	.300	1.94	.100	1.84	.150	3.13
.400	1.76	.172	1.85	.400	1.92	.150	2.03	.200	3.34
.500	1.70	.229	1.77	.500	1.89	.200	2.06	.250	3.53
.600	1.69	.286	1.76	.600	1.88	.250	2.01	.300	3.40
.700	1.51	.343	1.76	.700	1.79	.300	1.99	.400	4.06
.861	.95	.400	1.71	.861	1.31	.350	2.08	.500	4.06
		.458	1.72			.400	2.05	.600	4.91
		.571	1.69			.500	1.71	.703	5.46
		.686	1.66			.600	-.96	.756	5.38
						.700	-1.09		

ALPHA = 12.49 DEGREES DYNAMIC PRESSURE = 10.853 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-5.15	0.000	-.67	.075	-2.09	.025	-1.44	.025	-4.34
.150	-5.29	.029	-6.31	.150	-3.20	.050	-2.04	.050	-3.44
.200	-5.18	.057	-4.97	.200	-3.85	.075	-2.98	.100	-3.41
.300	-4.59	.086	-3.31	.300	-4.28	.100	-3.35	.150	-3.44
.400	-4.73	.114	-2.97	.400	-4.26	.149	-3.90	.200	-3.29
.500	-4.61	.172	-2.16	.500	-4.21	.200	-3.98	.250	-2.97
.600	-4.14	.229	-1.97	.600	-3.91	.250	-4.06	.300	-2.49
.700	-3.77	.286	-1.74	.700	-3.25	.300	-4.26	.400	-2.04
.800	-2.84	.343	-1.47	.800	-2.68	.350	-4.47	.500	-1.49
		.400	-1.19			.400	-3.94	.600	-1.42
		.458	-1.14			.500	-3.07	.703	-1.44
		.571	-1.12			.600	-2.51	.826	-1.51
		.686	-1.19			.700	-2.27		
		.801	-1.20			.800	-1.77		
		.915	-1.65						
		.967	-2.04						
		.994	-2.19						
				LOWER SURFACE					
.075	1.96	.029	1.73	.075	1.49	.025	1.09	.025	2.75
.150	1.98	.057	1.77	.150	1.83	.050	1.35	.050	3.18
.200	1.99	.086	1.92	.200	1.93	.075	1.63	.100	3.11
.300	1.95	.114	1.86	.300	1.98	.100	1.57	.150	3.35
.400	1.98	.172	1.85	.400	2.00	.150	1.76	.200	3.56
.500	1.84	.229	1.86	.500	1.95	.200	1.87	.250	3.88
.600	1.76	.286	1.83	.600	1.90	.250	1.80	.300	4.01
.700	1.60	.343	1.78	.700	1.83	.300	1.75	.400	4.07
.861	.95	.400	1.77	.861	1.37	.350	1.95	.500	4.00
		.458	1.78			.400	2.04	.600	4.80
		.571	1.72			.500	1.38	.703	5.51
		.686	1.71			.600	-1.03	.756	5.86
						.700	-1.27		

ALPHA = 14.38 DEGREES DYNAMIC PRESSURE = 10.877 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-5.54	0.000	-.74	.075	-2.17	.025	-1.16	.025	-4.00
.150	-5.33	.029	-6.20	.150	-3.04	.050	-1.72	.050	-3.60
.200	-5.83	.057	-5.02	.200	-3.68	.075	-2.67	.100	-3.47
.300	-5.47	.086	-3.53	.300	-4.32	.100	-3.17	.150	-3.45
.400	-4.86	.114	-2.87	.400	-4.24	.149	-3.72	.200	-3.31
.500	-4.98	.172	-2.12	.500	-4.03	.200	-3.60	.250	-2.94
.600	-4.44	.229	-1.93	.600	-3.90	.250	-3.89	.300	-2.59
.700	-4.11	.286	-1.87	.700	-3.32	.300	-4.13	.400	-2.07
.800	-3.19	.343	-1.44	.800	-2.58	.350	-4.13	.500	-1.51
		.400	-1.11			.400	-3.57	.600	-1.33
		.458	-1.17			.500	-2.82	.703	-1.46
		.571	-1.09			.600	-2.37	.826	-1.57
		.686	-1.04			.700	-1.95		
		.801	-1.22			.800	-1.57		
		.915	-1.57						
		.967	-2.13						
		.994	-2.19						
				LOWER SURFACE					
.075	1.75	.029	1.71	.075	1.50	.025	1.34	.025	2.71
.150	1.94	.057	1.86	.150	1.92	.050	1.64	.050	3.25
.200	1.92	.086	1.93	.200	1.99	.075	1.86	.100	3.32
.300	1.88	.114	1.95	.300	2.02	.100	1.85	.150	3.48
.400	1.83	.172	1.93	.400	2.01	.150	2.07	.200	3.59
.500	1.79	.229	1.86	.500	2.00	.200	2.13	.250	3.81
.600	1.70	.286	1.87	.600	1.94	.250	2.13	.300	4.02
.700	1.54	.343	1.86	.700	1.83	.300	2.08	.400	4.06
.861	.82	.400	1.78	.861	1.41	.350	2.31	.500	4.08
		.458	1.82			.400	2.18	.600	4.85
		.571	1.78			.500	1.89	.703	5.61
		.686	1.72			.600	-.74	.756	5.60
						.700	-1.01		

ALPHA = 16.35 DEGREES DYNAMIC PRESSURE = 10.766 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-5.91	0.000	-.92	.075	-1.92	.025	-.87	.025	-3.39
.150	-5.93	.029	-6.25	.150	-2.93	.050	-1.62	.050	-3.51
.200	-6.14	.057	-5.06	.200	-3.59	.075	-2.52	.100	-3.42
.300	-6.38	.086	-3.78	.300	-4.21	.100	-3.06	.150	-3.41
.400	-5.51	.114	-2.97	.400	-3.79	.149	-3.25	.200	-3.20
.500	-5.34	.172	-2.24	.500	-4.17	.200	-3.74	.250	-3.04
.600	-4.56	.229	-1.90	.600	-3.86	.250	-3.84	.300	-2.57
.700	-4.03	.286	-1.68	.700	-3.12	.300	-3.99	.400	-2.08
.800	-3.51	.343	-1.54	.800	-2.51	.350	-3.97	.500	-1.40
		.400	-1.20			.400	-3.54	.600	-1.40
		.458	-1.08			.500	-2.76	.703	-1.45
		.571	-1.06			.600	-2.33	.826	-1.62
		.686	-1.03			.700	-1.86		
		.801	-1.21			.800	-1.50		
		.915	-1.56						
		.967	-1.87						
		.994	-2.13						
				LOWER SURFACE					
.075	1.69	.029	1.65	.075	1.55	.025	1.35	.025	2.99
.150	1.99	.057	1.83	.150	1.96	.050	1.59	.050	3.27
.200	1.96	.086	1.90	.200	2.01	.075	1.86	.100	3.36
.300	1.92	.114	1.98	.300	2.06	.100	1.82	.150	3.73
.400	1.88	.172	1.98	.400	2.03	.150	2.05	.200	3.92
.500	1.79	.229	1.92	.500	2.01	.200	2.29	.250	4.03
.600	1.77	.286	1.89	.600	2.06	.250	2.19	.300	4.24
.700	1.57	.343	1.88	.700	1.93	.300	2.06	.400	4.75
.861	.78	.400	1.86	.861	1.68	.350	2.40	.500	4.22
		.458	1.87			.400	2.25	.600	4.79
		.571	1.82			.500	1.88	.703	5.87
		.686	1.78			.600	-.75	.756	5.67
						.700	-.94		

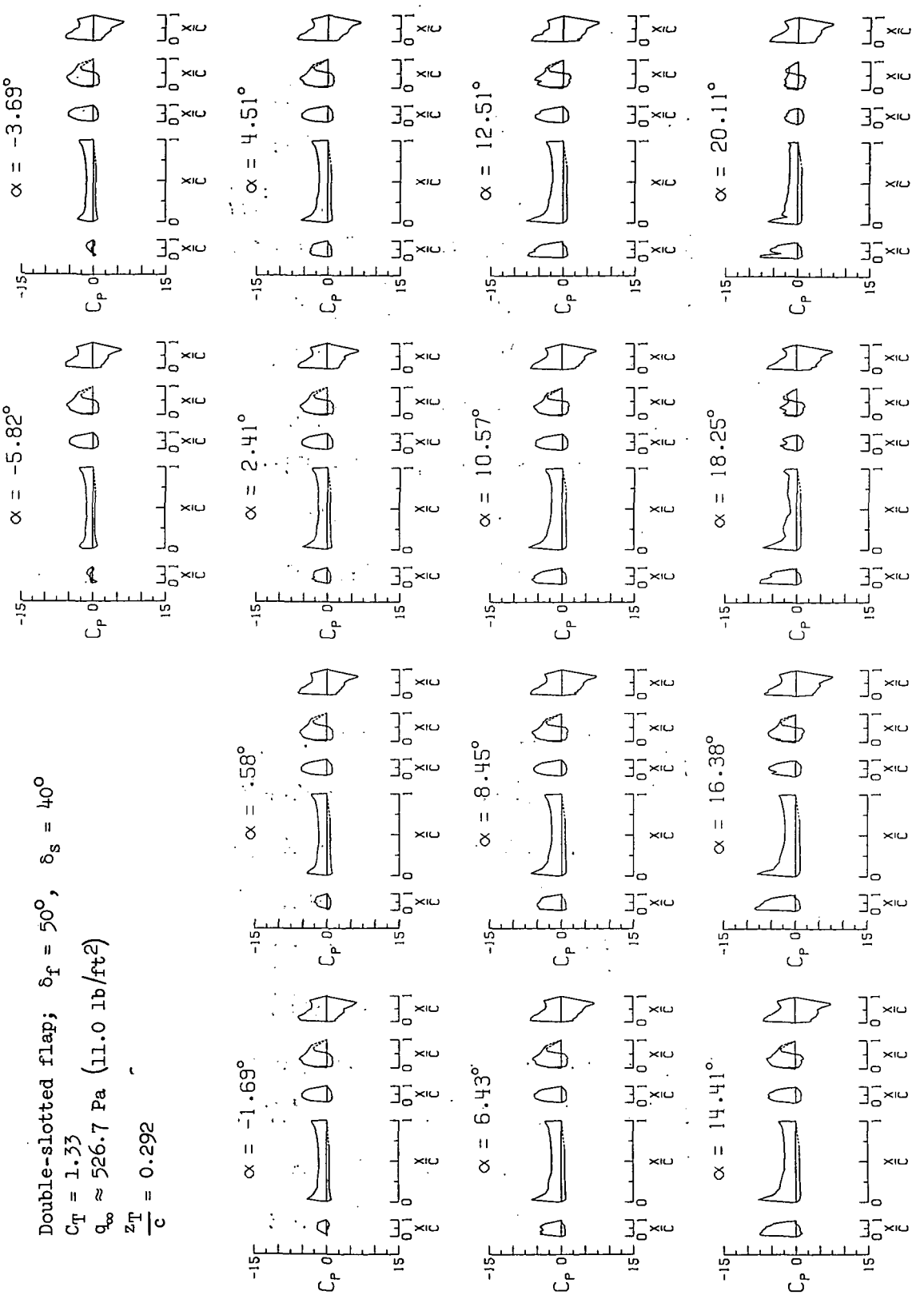
ALPHA = 18.25 DEGREES DYNAMIC PRESSURE = 10.944 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.93	0.000	.06	.075	-.05	.025	.15	.025	-3.11
.150	-3.67	.029	-3.47	.150	-.36	.050	.05	.050	-2.85
.200	-3.74	.057	-2.72	.200	-.65	.075	-.38	.100	-2.70
.300	-3.69	.086	-1.62	.300	-.81	.100	-.63	.150	-2.57
.400	-3.59	.114	-1.32	.400	-.94	.149	-1.03	.200	-2.54
.500	-3.03	.172	-.54	.500	-.65	.200	-.90	.250	-2.06
.600	-2.62	.229	-.37	.600	-.42	.250	-.67	.300	-1.55
.700	-2.18	.286	-.29	.700	-.42	.300	-1.09	.400	-1.14
.800	-3.52	.343	-1.44	.800	-2.24	.350	-3.57	.500	-1.23
		.400	-1.18			.400	-2.94	.600	-1.06
		.458	-1.12			.500	-2.55	.703	-1.41
		.571	-.95			.600	-1.38	.826	-1.39
		.686	-1.03			.700	-1.70		
		.801	-.67			.800	-.41		
		.915	-1.38						
		.967	-1.91						
		.994	-2.04						
				LOWER	SURFACE				
.075	1.54	.029	1.69	.075	1.53	.025	1.38	.025	3.25
.150	1.96	.057	1.84	.150	1.98	.050	1.57	.050	3.41
.200	1.99	.086	1.91	.200	2.04	.075	1.91	.100	3.52
.300	1.94	.114	1.97	.300	2.08	.100	1.83	.150	3.81
.400	1.88	.172	1.96	.400	2.03	.150	2.06	.200	3.92
.500	1.82	.229	1.99	.500	2.08	.200	2.17	.250	4.33
.600	1.74	.286	1.96	.600	2.08	.250	2.17	.300	4.31
.700	1.59	.343	1.91	.700	2.00	.300	2.16	.400	4.41
.861	.79	.400	1.93	.861	1.68	.350	2.35	.500	4.32
		.458	1.88			.400	2.44	.600	4.92
		.571	1.86			.500	2.03	.703	5.76
		.686	1.89			.600	-.61	.756	5.97
						.700	-.59		

ALPHA = 20.09 DEGREES DYNAMIC PRESSURE = 10.898 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.45	0.000	-.46	.075	-.34	.025	-.02	.025	-3.37
.150	-5.80	.029	-4.88	.150	-.75	.050	-.23	.050	-3.03
.200	-5.98	.057	-3.99	.200	-1.42	.075	-.83	.100	-2.86
.300	-5.47	.086	-2.55	.300	-1.27	.100	-1.02	.150	-2.76
.400	-4.93	.114	-2.15	.400	-1.17	.149	-1.20	.200	-2.64
.500	-4.63	.172	-1.53	.500	-1.31	.200	-1.35	.250	-2.43
.600	-3.76	.229	-1.07	.600	-.76	.250	-1.07	.300	-1.79
.700	-3.23	.286	-.98	.700	-.63	.300	-1.20	.400	-1.22
.800	-2.68	.343	-.80	.800	-.40	.350	-1.06	.500	-.64
		.400	-.48			.400	-1.11	.600	-.74
		.458	-.50			.500	-.91	.703	-.99
		.571	-.45			.600	-.56	.826	-1.16
		.686	-.42			.700	-.58		
		.801	-.43			.800	-.37		
		.915	-.53						
		.967	-.63						
		.994	-.16						
				LOWER	SURFACE				
.075	1.62	.029	1.76	.075	1.71	.025	1.53	.025	3.16
.150	1.98	.057	1.94	.150	2.01	.050	1.79	.050	3.51
.200	2.00	.086	2.05	.200	2.10	.075	2.04	.100	3.55
.300	1.96	.114	1.99	.300	2.09	.100	1.95	.150	3.71
.400	1.93	.172	1.98	.400	2.13	.150	2.18	.200	3.93
.500	1.88	.229	1.98	.500	2.16	.200	2.19	.250	4.01
.600	1.85	.286	2.00	.600	2.16	.250	2.12	.300	3.99
.700	1.74	.343	1.94	.700	2.15	.300	2.01	.400	4.15
.861	1.00	.400	1.92	.861	1.84	.350	2.22	.500	4.09
		.458	1.95			.400	2.19	.600	4.76
		.571	1.89			.500	1.74	.703	5.55
		.686	1.85			.600	-.27	.756	5.70
						.700	-.39		

APPENDIX H


Double-slotted flap; $\delta_f = 50°$, $\delta_s = 40°$
$C_T = 1.33$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft2)
$\frac{z_T}{c} = 0.292$
α = -5.82°
α = -3.69°
α = -1.69°
α = .58°
α = 2.41°
α = 4.51°
α = 6.43°
α = 8.45°
α = 10.57°
α = 12.51°
α = 14.41°
α = 16.38°
α = 18.25°
α = 20.11°
C_p
x/c

ALPHA = -5.82 DEGREES DYNAMIC PRESSURE = 10.993 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.94	0.000	-2.10	.075	-2.84	.025	-1.97	.025	-3.77
.150	.44	.029	-2.93	.150	-3.74	.050	-2.74	.050	-5.44
.200	.02	.057	-2.51	.200	-4.29	.075	-3.59	.100	-5.41
.300	-.33	.086	-1.94	.300	-4.92	.100	-4.14	.150	-5.69
.400	-.62	.114	-1.72	.400	-4.94	.149	-4.81	.200	-5.61
.500	-.94	.172	-1.43	.500	-4.96	.200	-4.38	.250	-5.14
.600	-1.32	.229	-1.53	.600	-4.71	.250	-5.11	.300	-4.58
.700	-1.06	.286	-1.43	.700	-4.17	.300	-5.46	.400	-3.92
.800	-.99	.343	-1.33	.800	-3.65	.350	-5.52	.500	-3.13
		.400	-1.16			.400	-5.01	.600	-2.95
		.458	-1.26			.500	-4.24	.703	-3.07
		.571	-1.26			.600	-3.74	.826	-3.40
		.686	-1.42			.700	-3.41		
		.801	-1.63			.800	-2.97		
		.915	-2.18						
		.967	-2.76						
		.994	-2.86						
				LOWER	SURFACE				
.075	-.50	.029	.97	.075	.49	.025	-2.72	.025	1.70
.150	-.23	.057	.94	.150	.93	.050	.78	.050	1.85
.200	-.51	.086	.79	.200	1.03	.075	1.11	.100	1.72
.300	-.47	.114	.67	.300	1.10	.100	1.04	.150	2.06
.400	-.58	.172	.52	.400	1.07	.150	1.18	.200	2.38
.500	-.37	.229	.44	.500	1.01	.200	1.22	.250	2.58
.600	-.57	.286	.49	.600	.96	.250	1.20	.300	2.65
.700	.02	.343	.46	.700	.87	.300	1.01	.400	3.18
.861	.32	.400	.47	.861	.49	.350	1.14	.500	3.14
		.458	.49			.400	1.11	.600	4.28
		.571	.48			.500	.53	.703	5.58
		.686	.53			.600	-2.27	.756	5.69
						.700	-2.61		

ALPHA = -2.70 DEGREES DYNAMIC PRESSURE = 10.996 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.59	0.000	-1.08	.075	-2.95	.025	-2.03	.025	-1.39
.150	.22	.029	-3.32	.150	-3.91	.050	-2.78	.050	-5.29
.200	-.18	.057	-2.82	.200	-4.43	.075	-3.72	.100	-5.69
.300	-.60	.086	-2.24	.300	-5.13	.100	-4.29	.150	-5.74
.400	-.92	.114	-1.95	.400	-5.13	.149	-4.90	.200	-5.53
.500	-1.31	.172	-1.67	.500	-5.19	.200	-5.06	.250	-5.14
.600	-1.49	.229	-1.68	.600	-4.89	.250	-5.26	.300	-4.57
.700	-1.41	.286	-1.62	.700	-4.29	.300	-5.56	.400	-4.00
.800	-1.26	.343	-1.45	.800	-3.58	.350	-5.50	.500	-3.09
		.400	-1.35			.400	-5.15	.600	-2.95
		.458	-1.41			.500	-4.35	.703	-3.02
		.571	-1.42			.600	-3.84	.826	-3.44
		.686	-1.57			.700	-3.45		
		.801	-1.80			.800	-3.14		
		.915	-2.26						
		.967	-2.85						
		.994	-3.02						
				LOWER	SURFACE				
.075	-.12	.029	1.00	.075	.53	.025	-2.78	.025	1.66
.150	.08	.057	.96	.150	.94	.050	.80	.050	1.84
.200	-.03	.086	.76	.200	1.05	.075	1.06	.100	1.71
.300	.00	.114	.73	.300	1.07	.100	1.07	.150	2.18
.400	-.36	.172	.65	.400	1.02	.150	1.20	.200	2.39
.500	-.39	.229	.50	.500	1.02	.200	1.14	.250	2.44
.600	-.03	.286	.50	.600	.97	.250	1.19	.300	2.99
.700	.39	.343	.54	.700	.90	.300	1.04	.400	3.72
.861	.41	.400	.50	.861	.40	.350	1.17	.500	3.61
		.458	.49			.400	1.11	.600	4.73
		.571	.55			.500	.52	.703	5.68
		.686	.54			.600	-2.32	.756	5.80
						.700	-2.73		

ALPHA = -1.70 DEGREES DYNAMIC PRESSURE = 11.007 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.26	0.000	-.69	.075	-3.08	.025	-2.08	.025	-3.77
.150	-.52	.029	-4.01	.150	-3.99	.050	-2.87	.050	-5.60
.200	-.79	.057	-3.24	.200	-4.55	.075	-3.77	.100	-5.56
.300	-1.31	.086	-2.62	.300	-5.17	.100	-4.32	.150	-5.92
.400	-1.86	.114	-2.40	.400	-5.23	.149	-5.02	.200	-5.61
.500	-1.85	.172	-1.84	.500	-5.29	.200	-5.15	.250	-5.73
.600	-1.89	.229	-1.86	.600	-4.95	.250	-5.30	.300	-4.66
.700	-1.75	.286	-1.77	.700	-4.46	.300	-5.72	.400	-4.04
.800	-1.80	.343	-1.65	.800	-3.65	.350	-5.54	.500	-3.11
		.400	-1.49			.400	-5.27	.600	-3.03
		.458	-1.48			.500	-4.42	.703	-3.08
		.571	-1.54			.600	-3.86	.826	-3.45
		.686	-1.64			.703	-3.53		
		.801	-1.88			.800	-3.10		
		.915	-2.39						
		.967	-2.98						
		.994	-3.14						
				LOWER	SURFACE				
.075	.18	.029	1.00	.075	.56	.025	-2.82	.025	1.56
.150	.12	.057	.87	.150	.95	.050	.79	.050	1.84
.200	.16	.086	.82	.200	1.04	.075	1.14	.100	1.68
.300	.03	.114	.75	.300	1.06	.100	1.07	.150	2.13
.400	-.07	.172	.63	.400	1.05	.150	1.18	.200	2.38
.500	.36	.229	.57	.500	.99	.200	1.24	.250	2.73
.600	.33	.286	.58	.600	.97	.250	1.22	.300	3.06
.700	.62	.343	.56	.700	.88	.300	1.07	.400	3.62
.861	.44	.400	.58	.861	.44	.350	1.20	.500	3.45
		.458	.58			.400	1.14	.600	4.86
		.571	.56			.500	.51	.703	5.49
		.686	.58			.600	-2.39	.756	6.38
						.700	-2.79		

ALPHA = .58 DEGREES DYNAMIC PRESSURE = 10.976 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.05	0.000	-.48	.075	-3.06	.025	-2.10	.025	-4.02
.150	-.90	.029	-4.30	.150	-4.09	.050	-2.96	.050	-5.95
.200	-1.54	.057	-3.75	.200	-4.63	.075	-3.82	.100	-6.11
.300	-2.09	.086	-2.96	.300	-5.36	.100	-4.43	.150	-5.75
.400	-2.08	.114	-2.48	.400	-5.35	.149	-5.07	.200	-5.73
.500	-2.76	.172	-2.18	.500	-5.40	.200	-5.23	.250	-5.47
.600	-2.634	.229	-2.04	.600	-5.11	.250	-5.45	.300	-4.76
.700	-2.35	.286	-2.01	.700	-4.51	.300	-5.73	.400	-4.04
.800	-2.19	.343	-1.80	.800	-3.71	.350	-5.58	.500	-3.13
		.400	-1.65			.400	-5.33	.600	-3.04
		.458	-1.60			.500	-4.52	.703	-3.15
		.571	-1.67			.600	-3.92	.826	-3.48
		.686	-1.79			.700	-3.45		
		.801	-1.98			.800	-3.18		
		.915	-2.41						
		.967	-3.03						
		.994	-3.28						
				LOWER	SURFACE				
.075	.40	.029	1.00	.075	.55	.025	-2.93	.025	1.65
.150	.36	.057	.95	.150	.94	.050	.76	.050	2.02
.200	.54	.086	.88	.200	1.03	.075	1.07	.100	1.95
.300	.63	.114	.81	.300	1.06	.100	1.03	.150	2.39
.400	.67	.172	.71	.400	1.06	.150	1.18	.200	2.52
.500	.64	.229	.67	.500	1.01	.200	1.25	.250	2.91
.600	.67	.286	.62	.600	.97	.250	1.21	.300	2.99
.700	.60	.343	.63	.700	.89	.300	1.07	.400	3.59
.861	.26	.400	.61	.861	.44	.350	1.17	.500	3.59
		.458	.62			.400	1.12	.600	4.44
		.571	.61			.500	.58	.703	6.31
		.686	.62			.600	-2.32	.756	6.34
						.700	-2.88		

ALPHA = 2.42 DEGREES DYNAMIC PRESSURE = 10.936 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.83	0.000	-.60	.075	-3.15	.025	-2.19	.025	-1.85
.150	-2.60	.029	-5.21	.150	-4.10	.050	-2.94	.050	-6.18
.200	-2.23	.057	-4.10	.200	-4.74	.075	-3.99	.100	-6.09
.300	-3.31	.086	-3.37	.300	-5.41	.100	-4.47	.150	-6.18
.400	-2.58	.114	-2.72	.400	-5.43	.149	-5.15	.200	-5.98
.500	-2.95	.172	-2.27	.500	-5.40	.200	-5.13	.250	-5.50
.600	-2.79	.229	-2.19	.600	-5.20	.250	-5.51	.300	-4.81
.700	-2.76	.286	-2.12	.700	-4.56	.300	-5.81	.400	-4.11
.800	-2.31	.343	-1.83	.800	-3.82	.350	-5.76	.500	-3.73
		.400	-1.75			.400	-5.27	.600	-3.01
		.458	-1.69			.500	-4.53	.707	-3.18
		.571	-1.82			.600	-3.95	.826	-3.56
		.686	-1.83			.700	-3.60		
		.801	-2.07			.800	-3.17		
		.915	-2.51						
		.967	-3.19						
		.994	-3.27						
				LOWER	SURFACE				
.075	.58	.029	.97	.075	.54	.025	-2.95	.025	1.68
.150	.58	.057	.96	.150	.94	.050	.73	.050	2.26
.200	.72	.086	.91	.200	.98	.075	1.13	.100	2.43
.300	.70	.114	.81	.300	1.08	.100	1.01	.150	2.53
.400	.70	.172	.76	.400	1.01	.150	1.20	.200	2.64
.500	.72	.229	.78	.500	1.03	.200	1.28	.250	2.99
.600	.68	.286	.70	.600	.98	.250	1.19	.300	3.01
.700	.61	.343	.68	.700	.87	.300	1.06	.400	3.67
.861	.17	.400	.68	.861	.41	.350	1.24	.500	3.54
		.458	.64			.400	1.17	.600	4.66
		.571	.66			.500	.67	.703	6.56
		.686	.65			.600	-2.54	.756	6.21
						.700	-2.96		

ALPHA = 4.51 DEGREES DYNAMIC PRESSURE = 10.890 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.93	0.000	-.74	.075	-3.20	.025	-2.19	.025	-4.16
.150	-3.46	.029	-5.69	.150	-4.25	.050	-3.05	.050	-6.28
.200	-3.40	.057	-4.58	.200	-4.79	.075	-3.99	.100	-6.47
.300	-3.91	.086	-3.61	.300	-5.49	.100	-4.56	.150	-6.11
.400	-3.52	.114	-3.10	.400	-5.44	.149	-5.17	.200	-5.13
.500	-3.75	.172	-2.51	.500	-5.52	.200	-5.26	.250	-5.48
.600	-3.34	.229	-2.34	.600	-5.14	.250	-5.42	.300	-4.67
.700	-3.35	.286	-2.31	.700	-4.47	.300	-5.92	.400	-4.20
.800	-2.98	.343	-2.02	.800	-3.94	.350	-5.94	.500	-3.28
		.400	-1.89			.400	-5.41	.600	-3.08
		.458	-1.89			.500	-4.60	.703	-3.21
		.571	-1.90			.600	-4.03	.926	-3.64
		.686	-1.96			.703	-3.67		
		.801	-2.16			.809	-3.19		
		.915	-2.58						
		.967	-3.26						
		.994	-3.44						
				LOWER	SURFACE				
.075	.79	.029	.93	.075	.52	.025	-3.00	.025	1.75
.150	.83	.057	.97	.150	.58	.050	.76	.050	2.12
.200	.78	.086	.93	.200	.58	.075	1.05	.100	2.41
.300	.79	.114	.91	.300	1.09	.100	1.01	.150	2.47
.400	.74	.172	.80	.400	1.03	.150	1.17	.200	2.90
.500	.77	.229	.73	.500	1.06	.200	1.18	.250	3.08
.600	.73	.286	.76	.600	.98	.250	1.25	.300	3.84
.700	.63	.343	.73	.700	.88	.300	1.10	.400	4.21
.861	.11	.400	.73	.861	.41	.350	1.22	.500	4.46
		.458	.73			.400	1.17	.600	4.90
		.571	.74			.500	.66	.703	6.59
		.686	.67			.600	-2.59	.756	6.53
						.700	-3.23		

ALPHA = 6.43 DEGREES DYNAMIC PRESSURE = 10.887 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.42	0.000	-.89	.075	-3.28	.025	-2.23	.025	-3.96
.150	-4.45	.029	-6.21	.150	-4.33	.050	-3.11	.050	-6.51
.200	-3.89	.057	-4.90	.200	-4.92	.075	-4.03	.100	-6.37
.300	-4.40	.086	-3.90	.300	-5.54	.100	-4.57	.150	-6.35
.400	-3.74	.114	-3.21	.400	-5.67	.149	-5.29	.200	-5.98
.500	-3.97	.172	-2.63	.500	-5.67	.200	-5.36	.250	-5.55
.600	-4.35	.229	-2.65	.600	-5.15	.250	-5.39	.300	-4.83
.700	-3.95	.286	-2.49	.700	-4.80	.300	-6.04	.400	-4.22
.800	-3.22	.343	-2.13	.800	-4.01	.350	-6.00	.500	-3.29
		.400	-2.00			.400	-5.50	.600	-3.11
		.458	-1.99			.500	-4.59	.703	-3.17
		.571	-1.96			.600	-4.04	.826	-3.62
		.686	-2.06			.700	-3.46		
		.801	-2.22			.800	-3.09		
		.915	-2.66						
		.967	-3.24						
		.994	-3.40						
				LOWER	SURFACE				
.075	.82	.029	.93	.075	.57	.025	-2.97	.025	1.82
.150	.85	.057	.96	.150	.94	.050	.66	.050	2.59
.200	.82	.086	.93	.200	1.01	.075	.97	.100	2.36
.300	.81	.114	.91	.300	1.03	.100	.98	.150	2.94
.400	.79	.172	.87	.400	.99	.150	1.17	.200	3.28
.500	.72	.229	.87	.500	.98	.200	1.21	.250	3.40
.600	.73	.286	.80	.600	1.01	.250	1.22	.300	3.58
.700	.61	.343	.74	.700	.90	.300	1.08	.400	4.36
.861	.09	.400	.73	.861	.44	.350	1.33	.500	4.64
		.458	.75			.400	1.21	.600	5.14
		.571	.71			.500	.76	.703	6.82
		.686	.70			.600	-2.94	.756	6.79
						.700	-3.12		

ALPHA = 8.45 DEGREES DYNAMIC PRESSURE = 10.879 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.57	0.000	-1.28	.075	-3.36	.025	-2.31	.025	-3.37
.150	-4.68	.029	-6.45	.150	-4.39	.050	-3.18	.050	-6.58
.200	-4.75	.057	-5.31	.200	-5.07	.075	-4.22	.100	-6.57
.300	-5.14	.086	-4.15	.300	-5.63	.100	-4.66	.150	-6.31
.400	-5.06	.114	-3.72	.400	-5.79	.149	-5.45	.200	-6.17
.500	-4.68	.172	-2.87	.500	-5.74	.200	-5.47	.250	-5.62
.600	-4.47	.229	-2.79	.600	-5.45	.250	-5.72	.300	-4.95
.700	-4.28	.286	-2.56	.700	-4.78	.300	-6.07	.400	-4.22
.800	-3.89	.343	-2.34	.800	-4.05	.350	-6.07	.500	-3.28
		.400	-2.13			.400	-5.49	.600	-3.08
		.458	-2.10			.500	-4.58	.703	-3.19
		.571	-2.06			.600	-4.02	.826	-3.60
		.686	-2.12			.700	-3.76		
		.801	-2.24			.800	-3.16		
		.915	-2.75						
		.967	-3.32						
		.994	-3.51						
				LOWER	SURFACE				
.075	.95	.029	.83	.075	.50	.025	-3.02	.025	2.07
.150	.88	.057	1.00	.150	.86	.050	.47	.050	3.06
.200	.87	.086	.96	.200	.98	.075	.92	.100	2.63
.300	.81	.114	.94	.300	1.05	.100	.91	.150	3.32
.400	.85	.172	.93	.400	1.08	.150	1.14	.200	3.31
.500	.77	.229	.86	.500	1.05	.200	1.18	.250	3.93
.600	.67	.286	.83	.600	.99	.250	1.19	.300	4.01
.700	.57	.343	.87	.700	.90	.300	1.09	.400	4.54
.861	-.02	.400	.80	.861	.47	.350	1.35	.500	4.63
		.458	.80			.400	1.35	.600	5.38
		.571	.77			.500	.94	.703	7.13
		.686	.73			.600	-2.80	.756	7.22
						.700	-3.22		

ALPHA = 10.57 DEGREES DYNAMIC PRESSURE = 10.919 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.16	0.000	-1.43	.075	-3.31	.025	-2.18	.025	-4.82
.150	-5.60	.029	-6.98	.150	-4.54	.050	-3.32	.050	-6.65
.200	-5.82	.057	-5.79	.200	-5.02	.075	-4.13	.100	-6.43
.300	-6.35	.086	-4.54	.300	-5.67	.100	-4.08	.150	-6.27
.400	-5.68	.114	-3.98	.400	-5.47	.149	-5.15	.200	-6.05
.500	-5.82	.172	-3.18	.500	-5.52	.200	-5.26	.250	-5.52
.600	-5.30	.229	-3.00	.600	-5.46	.250	-5.69	.300	-4.89
.700	-4.73	.286	-2.70	.700	-4.70	.300	-5.91	.400	-4.11
.800	-2.87	.343	-2.43	.800	-4.01	.350	-5.97	.500	-3.21
		.400	-2.27			.400	-5.35	.600	-2.97
		.458	-2.15			.500	-4.41	.703	-3.03
		.571	-2.13			.600	-3.85	.826	-3.53
		.686	-2.18			.700	-3.61		
		.801	-2.29			.800	-3.12		
		.915	-2.83						
		.967	-3.45						
		.994	-3.57						
				LOWER	SURFACE				
.075	.86	.029	.78	.075	.42	.025	-2.38	.025	2.15
.150	.95	.057	.99	.150	.89	.050	.47	.050	2.83
.200	.92	.086	.98	.200	.96	.075	.91	.100	2.79
.300	.88	.114	.98	.300	1.07	.100	.78	.150	3.61
.400	.85	.172	.91	.400	1.09	.150	1.14	.200	3.42
.500	.82	.229	.91	.500	1.06	.200	1.20	.250	4.05
.600	.75	.286	.87	.600	1.04	.250	1.22	.300	4.08
.700	.58	.343	.87	.700	.90	.300	1.08	.400	4.66
.861	-.13	.400	.84	.961	.48	.350	1.36	.500	4.59
		.458	.79			.400	1.34	.600	5.43
		.571	.78			.500	1.08	.703	7.09
		.686	.81			.600	-2.90	.756	7.04
						.700	-3.17		

ALPHA = 12.51 DEGREES DYNAMIC PRESSURE = 10.915 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.44	0.000	-1.73	.075	-3.31	.025	-2.32	.025	-4.89
.150	-7.40	.029	-7.60	.150	-4.30	.050	-3.15	.050	-6.74
.200	-7.17	.057	-6.27	.200	-4.97	.075	-4.12	.100	-6.47
.300	-6.96	.086	-4.80	.300	-5.72	.100	-4.69	.150	-6.34
.400	-5.79	.114	-3.58	.400	-5.78	.149	-5.37	.200	-6.22
.500	-5.86	.172	-3.25	.500	-5.70	.200	-5.41	.250	-5.55
.600	-5.52	.229	-2.97	.600	-4.72	.250	-4.59	.300	-4.37
.700	-5.05	.286	-2.89	.700	-4.85	.300	-4.06	.400	-4.16
.800	-4.31	.343	-2.53	.800	-3.97	.350	-5.81	.500	-3.13
		.400	-2.42			.400	-5.47	.600	-3.08
		.458	-2.24			.500	-4.47	.703	-3.10
		.571	-2.11			.600	-3.76	.826	-3.44
		.686	-2.23			.700	-3.78		
		.801	-2.38			.800	-3.08		
		.915	-2.81						
		.967	-3.35						
		.994	-3.59						
				LOWER	SURFACE				
.075	.65	.029	.76	.075	.36	.025	-2.96	.025	2.43
.150	.57	.057	.93	.150	.92	.050	.44	.050	3.41
.200	.94	.086	.97	.200	1.04	.075	.85	.100	2.88
.300	.91	.114	.92	.300	1.12	.100	.98	.150	3.70
.400	.83	.172	.94	.400	1.09	.150	1.08	.200	3.67
.500	.80	.229	.88	.500	1.09	.200	1.23	.250	3.89
.600	.74	.286	.89	.600	1.10	.250	1.20	.300	4.32
.700	.56	.343	.87	.700	.96	.300	1.17	.400	4.72
.861	-.16	.400	.86	.861	.48	.350	1.46	.500	4.70
		.458	.84			.400	1.51	.600	5.78
		.571	.81			.500	1.11	.703	7.32
		.686	.79			.600	-2.85	.756	7.30
						.700	-3.22		

ALPHA = 14.42 DEGREES DYNAMIC PRESSURE = 10.857 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-7.25	0.000	-1.94	.075	-3.30	.025	-2.21	.025	-4.93
.150	-7.58	.029	-7.87	.150	-4.54	.050	-3.33	.050	-6.72
.200	-7.50	.057	-6.37	.200	-5.05	.075	-4.19	.100	-6.52
.300	-7.08	.086	-4.79	.300	-5.77	.100	-4.96	.150	-6.54
.400	-6.98	.114	-4.24	.400	-5.43	.149	-5.12	.200	-6.05
.500	-6.37	.172	-3.39	.500	-5.76	.200	-5.41	.250	-5.61
.600	-6.19	.229	-3.22	.600	-5.42	.250	-5.65	.300	-4.94
.700	-5.12	.286	-2.91	.700	-4.71	.300	-5.85	.400	-4.12
.800	-4.69	.343	-2.69	.800	-4.14	.350	-6.08	.500	-3.27
		.400	-2.30			.400	-5.12	.600	-2.90
		.458	-2.35			.500	-4.73	.703	-3.33
		.571	-2.22			.600	-3.57	.826	-3.69
		.686	-2.29			.700	-3.46		
		.801	-2.39			.800	-2.96		
		.915	-2.79						
		.967	-3.26						
		.994	-3.58						
				LOWER	SURFACE				
.075	.73	.029	.72	.075	.42	.025	-2.94	.025	2.59
.150	.95	.057	.89	.150	.92	.050	.48	.050	3.40
.200	1.35	.086	.98	.200	1.04	.075	.78	.100	3.31
.300	.90	.114	.97	.300	1.05	.100	.73	.150	3.49
.400	.86	.172	.93	.400	1.11	.150	1.11	.200	3.96
.500	.80	.229	.91	.500	1.12	.200	1.25	.250	4.47
.600	.71	.286	.88	.600	1.07	.250	1.34	.300	4.58
.700	.50	.343	.88	.700	1.00	.300	1.11	.400	4.92
.861	-.23	.400	.88	.861	.56	.350	1.67	.500	4.67
		.459	.86			.400	1.62	.600	5.59
		.571	.79			.500	1.07	.703	7.46
		.686	.79			.600	-2.79	.756	7.31
						.700	-3.13		

ALPHA = 16.39 DEGREES DYNAMIC PRESSURE = 10.823 LBF/SQ.FT.

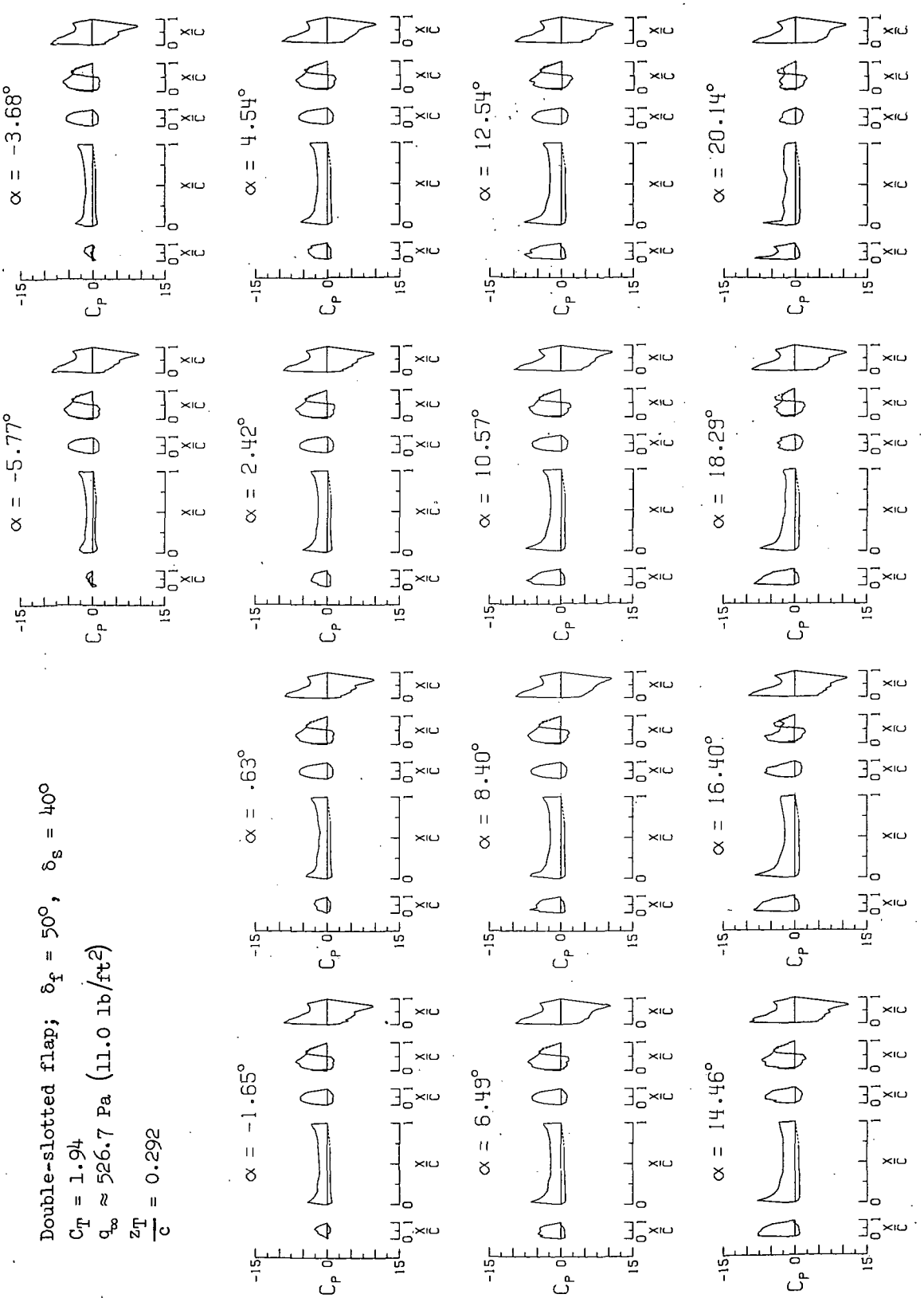
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-8.12	0.000	-1.94	.075	-2.53	.025	-1.51	.025	-4.41
.150	-8.58	.029	-8.11	.150	-4.16	.050	-3.02	.050	-6.69
.200	-8.44	.057	-6.73	.200	-5.03	.075	-4.10	.100	-6.64
.300	-7.45	.086	-4.95	.300	-3.81	.100	-3.04	.150	-5.78
.400	-7.23	.114	-4.33	.400	-5.34	.149	-4.85	.200	-5.88
.500	-6.71	.172	-3.36	.500	-5.60	.200	-5.28	.250	-5.61
.600	-6.48	.229	-3.27	.600	-5.47	.250	-5.65	.300	-4.93
.700	-5.54	.286	-2.93	.700	-4.53	.300	-5.62	.400	-3.93
.800	-4.81	.343	-2.63	.800	-3.87	.350	-5.65	.500	-3.12
		.400	-2.35			.400	-5.31	.600	-2.97
		.458	-2.27			.500	-4.29	.703	-3.09
		.571	-2.18			.600	-3.63	.826	-3.50
		.686	-2.21			.700	-3.33		
		.801	-2.45			.800	-3.06		
		.915	-2.84						
		.967	-3.13						
		.994	-3.51						
				LOWER	SURFACE				
.075	.58	.029	.64	.075	.42	.025	-2.95	.025	2.96
.150	.96	.057	.90	.150	.92	.050	.35	.050	3.60
.200	.93	.086	.94	.200	1.01	.075	.93	.100	3.44
.300	.93	.114	.98	.300	1.10	.100	.81	.150	3.94
.400	.86	.172	.96	.400	1.10	.150	1.16	.200	4.09
.500	.78	.229	.92	.500	1.13	.200	1.28	.250	4.35
.600	.74	.286	.92	.600	1.19	.250	1.38	.300	4.53
.700	.46	.343	.92	.700	1.11	.300	1.30	.400	5.05
.861	-.31	.400	.90	.861	.55	.350	1.61	.500	4.79
		.458	.88			.400	1.84	.600	5.90
		.571	.86			.500	1.39	.703	7.33
		.696	.85			.600	-2.75	.756	7.66
						.700	-3.17		

ALPHA = 13.26 DEGREES DYNAMIC PRESSURE = 10.793 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-7.78	0.000	-1.90	.075	-2.19	.025	-1.40	.025	-3.39
.150	-7.60	.029	-7.08	.150	-2.78	.050	-1.38	.050	-6.26
.200	-7.54	.057	-5.48	.200	-2.74	.075	-2.26	.100	-5.97
.300	-7.36	.086	-4.39	.300	-3.44	.100	-2.96	.150	-5.93
.400	-5.96	.114	-3.15	.400	-2.20	.149	-2.40	.200	-5.24
.500	-5.08	.172	-2.26	.500	-2.11	.200	-2.23	.250	-4.55
.600	-5.52	.229	-2.69	.600	-2.73	.250	-2.91	.300	-4.12
.700	-5.16	.286	-2.72	.700	-3.00	.300	-3.51	.400	-3.47
.800	-4.36	.343	-2.28	.800	-2.20	.350	-3.12	.500	-2.41
		.400	-1.99			.400	-2.46	.600	-2.14
		.458	-1.22			.500	-1.75	.707	-2.19
		.571	-1.37			.600	-1.76	.826	-2.97
		.686	-1.91			.700	-2.10		
		.801	-1.87			.800	-1.79		
		.915	-1.64						
		.967	-2.80						
		.994	-2.25						
				LOWER SURFACE					
.075	.43	.029	.63	.075	.51	.025	-2.61	.025	2.83
.150	.93	.057	.88	.150	.89	.050	.32	.050	3.00
.200	.93	.086	.92	.200	1.03	.075	.38	.100	3.04
.300	.93	.114	.92	.300	1.11	.100	.75	.150	4.22
.400	.86	.172	.94	.400	1.09	.150	1.19	.200	3.98
.500	.80	.229	.93	.500	1.12	.200	1.28	.250	4.20
.600	.74	.286	.93	.600	1.27	.250	1.31	.300	4.45
.700	.58	.343	.88	.700	1.10	.300	1.27	.400	5.06
.861	-.19	.400	.94	.861	.73	.350	1.60	.500	4.98
		.458	.86			.400	1.62	.600	5.90
		.571	.85			.500	1.05	.703	7.42
		.686	.80			.600	-2.68	.756	7.31
						.700	-2.83		

ALPHA = 20.12 DEGREES DYNAMIC PRESSURE = 10.939 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-7.87	0.000	-1.88	.075	-1.64	.025	-1.19	.025	-4.18
.150	-7.54	.029	-6.20	.150	-1.86	.050	-1.55	.050	-5.08
.200	-7.69	.057	-4.92	.200	-2.41	.075	-2.16	.100	-5.83
.300	-3.26	.086	-2.05	.300	-2.57	.100	-2.45	.150	-5.54
.400	-5.31	.114	-3.30	.400	-2.83	.149	-2.92	.200	-5.46
.500	-5.71	.172	-2.50	.500	-2.21	.200	-2.52	.250	-4.79
.600	-5.56	.229	-2.60	.600	-2.40	.250	-2.73	.300	-4.15
.700	-4.40	.286	-2.18	.700	-1.88	.300	-3.64	.400	-3.11
.800	-4.15	.343	-2.09	.800	-1.90	.350	-2.89	.500	-2.37
		.400	-1.82			.400	-2.50	.600	-2.14
		.458	-1.79			.500	-2.22	.703	-2.57
		.571	-1.71			.600	-1.92	.826	-3.05
		.686	-1.64			.700	-1.96		
		.801	-1.58			.800	-1.80		
		.915	-1.71						
		.967	-1.44						
		.994	-2.07						
				LOWER SURFACE					
.075	.47	.029	.81	.075	.54	.025	-2.38	.025	2.82
.150	.92	.057	.91	.150	.91	.050	.52	.050	3.36
.200	.98	.086	.93	.200	1.05	.075	1.01	.100	3.58
.300	.92	.114	.96	.300	1.10	.100	.92	.150	3.70
.400	.92	.172	.93	.400	1.15	.150	1.17	.200	3.79
.500	.85	.229	.95	.500	1.22	.200	1.24	.250	3.97
.600	.77	.286	.93	.600	1.21	.250	1.36	.300	4.44
.700	.74	.343	.90	.700	1.07	.300	1.14	.400	4.78
.861	.27	.400	.90	.861	.85	.350	1.43	.500	4.78
		.458	.90			.400	1.50	.600	5.38
		.571	.84			.500	1.07	.703	7.07
		.686	.89			.600	-2.52	.756	7.21
						.700	-2.65		


Double-slotted flap; $\delta_f = 50°$, $\delta_s = 40°$
$C_T = 1.94$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.292$
α = -5.77°
α = -3.68°
α = -1.65°
α = .63°
α = 2.42°
α = 4.54°
α = 6.49°
α = 8.40°
α = 10.57°
α = 12.54°
α = 14.46°
α = 16.40°
α = 18.29°
α = 20.14°
C_P
x/c

ALPHA = -5.77 DEGREES DYNAMIC PRESSURE = 10.557 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.92	0.000	-2.07	.075	-2.94	.025	-2.27	.025	-5.70
.150	.55	.029	-2.79	.150	-3.91	.050	-3.08	.050	-8.64
.200	-.04	.057	-2.63	.200	-4.48	.075	-4.02	.100	-9.19
.300	-.69	.086	-2.23	.300	-5.27	.100	-4.77	.150	-8.16
.400	-.97	.114	-1.98	.400	-5.19	.143	-5.18	.200	-7.64
.500	-.95	.172	-1.46	.500	-5.35	.200	-5.40	.250	-6.83
.600	-1.37	.229	-1.63	.600	-5.08	.250	-5.69	.300	-5.64
.700	-1.13	.286	-1.50	.700	-4.50	.300	-5.05	.400	-4.82
.900	-1.13	.343	-1.40	.800	-3.85	.350	-6.13	.500	-3.69
		.400	-1.28			.400	-5.60	.600	-3.37
		.458	-1.37			.500	-4.96	.702	-3.65
		.571	-1.40			.600	-4.32	.826	-4.19
		.686	-1.53			.700	-3.94		
		.801	-1.83			.800	-3.45		
		.915	-2.31						
		.967	-2.55						
		.994	-3.16						
				LOWER	SURFACE				
.075	-.17	.329	.80	.075	.45	.025	-3.66	.025	2.06
.150	-.43	.057	.96	.150	.63	.050	.51	.050	2.57
.200	-.41	.086	.77	.200	1.09	.075	.94	.100	2.81
.300	-.60	.114	.67	.300	1.11	.100	.94	.150	3.37
.400	-.65	.172	.50	.400	1.08	.150	1.23	.200	3.73
.500	-.71	.229	.52	.500	1.11	.200	1.24	.250	4.32
.600	-.55	.286	.44	.600	1.12	.250	1.22	.300	4.41
.700	-.09	.343	.45	.700	.68	.300	1.05	.400	5.47
.861	-.07	.400	.50	.861	.57	.350	1.37	.500	5.16
		.458	.46			.400	1.28	.600	7.11
		.571	.49			.500	.79	.703	9.69
		.596	.54			.600	-4.07	.756	9.04
						.700	-4.40		

ALPHA = -3.68 DEGREES DYNAMIC PRESSURE = 10.917 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.57	0.000	-1.29	.075	-3.09	.025	-2.38	.025	-7.56
.150	-.06	.029	-3.62	.150	-4.02	.050	-3.19	.050	-8.70
.200	-.32	.057	-2.97	.200	-4.55	.075	-4.04	.100	-9.19
.300	-.76	.086	-2.34	.300	-5.47	.100	-4.85	.150	-8.14
.400	-1.05	.114	-2.09	.400	-5.42	.149	-5.41	.200	-7.65
.500	-1.59	.172	-1.81	.500	-5.49	.203	-5.52	.250	-6.98
.600	-1.72	.229	-1.80	.600	-5.25	.250	-5.82	.300	-6.03
.700	-1.67	.286	-1.76	.700	-4.72	.300	-6.29	.400	-4.91
.800	-1.52	.343	-1.56	.800	-3.96	.350	-6.22	.500	-3.67
		.400	-1.43			.400	-5.77	.600	-3.43
		.458	-1.40			.500	-4.97	.702	-3.54
		.571	-1.50			.600	-4.23	.826	-4.08
		.686	-1.66			.700	-4.01		
		.801	-1.94			.800	-3.56		
		.915	-2.43						
		.967	-3.09						
		.994	-3.16						
				LOWER	SURFACE				
.075	-.23	.029	.95	.075	.42	.025	-3.56	.025	2.04
.150	-.16	.057	.92	.150	.96	.050	.62	.050	2.83
.200	-.08	.086	.81	.200	1.04	.075	1.02	.100	2.57
.300	-.25	.114	.70	.300	1.12	.100	.98	.150	3.36
.400	-.16	.172	.55	.400	1.08	.150	1.24	.200	3.50
.500	-.50	.229	.55	.500	1.08	.200	1.29	.250	4.23
.600	.07	.286	.51	.600	1.10	.250	1.23	.300	4.85
.700	.06	.343	.54	.700	.67	.300	1.11	.400	5.57
.861	.41	.400	.55	.961	.50	.350	1.37	.500	5.32
		.458	.54			.400	1.32	.600	7.15
		.571	.56			.500	1.04	.703	9.41
		.686	.57			.600	-4.32	.756	9.33
						.700	-4.56		

ALPHA = -1.66 DEGREES DYNAMIC PRESSURE = 10.887 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.27	0.000	-.53	.075	-3.18	.025	-2.42	.025	-7.71
.150	-.56	.029	-4.18	.150	-4.21	.050	-3.30	.050	-8.74
.200	-.76	.057	-3.40	.200	-4.81	.075	-4.23	.100	-9.60
.300	-1.67	.086	-2.87	.300	-5.58	.100	-4.84	.150	-8.11
.400	-1.98	.114	-2.53	.400	-5.62	.144	-5.35	.200	-7.81
.500	-2.08	.172	-2.04	.500	-5.65	.203	-5.53	.250	-6.81
.600	-2.70	.229	-2.15	.600	-5.30	.250	-5.93	.300	-6.14
.700	-2.35	.286	-2.01	.700	-4.83	.303	-6.45	.400	-5.05
.900	-1.76	.343	-1.74	.800	-4.13	.350	-6.40	.500	-3.80
		.400	-1.62			.403	-5.93	.600	-3.67
		.458	-1.55			.500	-5.02	.703	-3.72
		.571	-1.66			.603	-4.34	.826	-4.21
		.686	-1.78			.700	-4.08		
		.801	-2.02			.800	-3.53		
		.915	-2.57						
		.967	-3.25						
		.994	-3.43						
				LOWER	SURFACE				
.075	-.13	.029	.98	.075	.43	.025	-3.67	.025	2.06
.150	-.04	.057	.90	.150	.95	.050	.39	.050	2.73
.200	.17	.086	.80	.200	1.03	.075	.97	.100	3.17
.300	-.03	.114	.74	.300	1.13	.100	.99	.150	4.46
.400	.60	.172	.64	.400	1.05	.150	1.19	.200	3.89
.500	.59	.229	.62	.500	1.11	.203	1.24	.250	4.64
.600	.64	.286	.60	.600	1.19	.250	1.28	.300	4.99
.700	.60	.343	.58	.700	1.02	.300	1.13	.400	5.81
.861	.21	.400	.60	.861	.59	.350	1.39	.500	5.62
		.458	.62			.400	1.35	.600	7.64
		.571	.58			.500	.98	.703	9.46
		.686	.63			.600	-4.33	.756	9.67
						.700	-4.48		

ALPHA = .63 DEGREES DYNAMIC PRESSURE = 11.005 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.66	0.000	-.55	.075	-3.25	.025	-2.48	.025	-7.57
.150	-1.00	.029	-4.48	.150	-4.27	.050	-3.35	.050	-8.94
.200	-1.94	.057	-4.05	.200	-4.85	.075	-4.32	.100	-9.60
.300	-2.24	.086	-3.09	.300	-5.72	.100	-5.07	.150	-8.48
.400	-2.15	.114	-2.61	.400	-5.77	.149	-5.72	.200	-7.80
.500	-2.47	.172	-2.16	.500	-5.78	.200	-5.75	.250	-7.13
.600	-2.75	.229	-2.24	.600	-5.61	.250	-6.14	.300	-6.15
.700	-2.47	.286	-2.09	.700	-4.90	.300	-6.43	.400	-4.98
.800	-2.41	.343	-1.89	.800	-4.16	.350	-6.42	.500	-3.77
		.400	-1.64			.400	-5.99	.600	-3.55
		.458	-1.76			.500	-5.04	.703	-3.70
		.571	-1.43			.600	-4.43	.826	-4.21
		.686	-1.86			.700	-4.14		
		.801	-2.07			.800	-3.65		
		.915	-2.57						
		.967	-3.26						
		.994	-3.40						
				LOWER	SURFACE				
.075	-.03	.029	.96	.075	.43	.025	-3.42	.025	2.10
.150	.55	.057	.93	.150	.94	.050	.38	.050	2.99
.200	.41	.086	.80	.200	1.07	.075	.97	.100	2.74
.300	.62	.114	.82	.300	1.11	.100	.82	.150	3.76
.400	.62	.172	.74	.400	1.09	.150	1.20	.200	4.18
.500	.67	.229	.65	.500	1.10	.200	1.31	.250	4.99
.600	.66	.286	.67	.600	1.11	.250	1.22	.300	4.85
.700	.62	.343	.67	.700	1.02	.300	1.16	.400	6.05
.961	.18	.400	.66	.861	.55	.350	1.42	.500	5.67
		.458	.68			.400	1.44	.600	7.83
		.571	.66			.500	1.00	.703	9.77
		.686	.68			.600	-4.29	.756	9.41
						.700	-4.46		

ALPHA = 2.43 DEGREES DYNAMIC PRESSURE = 10.905 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.27	0.000	-.72	.075	-3.35	.025	-2.52	.025	-7.74
.150	-1.95	.029	-5.14	.150	-4.62	.050	-3.50	.050	-9.20
.200	-1.92	.057	-4.12	.200	-5.07	.075	-4.45	.100	-9.80
.300	-3.02	.086	-3.46	.300	-5.78	.100	-5.10	.150	-9.45
.400	-2.37	.114	-3.09	.400	-5.83	.149	-5.30	.200	-8.06
.500	-3.18	.172	-2.43	.500	-5.87	.200	-5.77	.250	-7.32
.600	-2.96	.229	-2.30	.600	-5.64	.250	-6.21	.300	-6.22
.700	-2.86	.286	-2.24	.700	-4.67	.300	-6.36	.400	-5.04
.800	-2.68	.343	-2.00	.800	-4.22	.350	-6.55	.500	-3.85
		.400	-1.93			.400	-6.08	.600	-3.55
		.458	-1.90			.500	-5.17	.703	-3.74
		.571	-1.90			.600	-4.52	.826	-4.40
		.686	-1.99			.700	-4.27		
		.801	-2.20			.800	-3.97		
		.915	-2.70						
		.967	-3.33						
		.994	-3.56						
				LOWER	SURFACE				
.075	.70	.029	.93	.075	.32	.025	-3.44	.025	2.37
.150	.66	.057	.95	.150	.83	.050	.40	.050	3.49
.200	.67	.086	.89	.200	1.02	.075	.85	.100	3.10
.300	.61	.114	.85	.300	1.10	.100	.67	.150	4.11
.400	.71	.172	.78	.400	1.14	.150	1.18	.200	4.52
.500	.67	.229	.73	.500	1.12	.200	1.23	.250	5.38
.600	.66	.286	.68	.600	1.09	.250	1.31	.300	5.17
.700	.59	.343	.69	.700	1.01	.300	1.42	.400	4.39
.861	.09	.400	.67	.861	.63	.350	1.52	.500	4.28
		.458	.66			.400	1.61	.600	7.78
		.571	.67			.500	1.30	.703	9.93
		.686	.69			.600	-4.22	.756	9.67
						.700	-4.50		

ALPHA = 4.54 DEGREES DYNAMIC PRESSURE = 10.915 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.95	0.000	-.96	.075	-3.38	.025	-2.54	.025	-3.99
.150	-2.67	.029	-5.52	.150	-4.51	.050	-3.55	.050	-9.45
.200	-3.22	.057	-4.80	.200	-5.16	.075	-4.57	.100	-8.82
.300	-3.56	.086	-3.73	.300	-5.91	.100	-5.15	.150	-9.41
.400	-3.95	.114	-3.34	.400	-5.90	.149	-5.32	.200	-7.97
.500	-2.86	.172	-2.66	.500	-5.98	.200	-5.91	.250	-7.26
.600	-4.01	.229	-2.63	.600	-5.62	.250	-6.15	.300	-6.30
.700	-3.15	.286	-2.33	.700	-5.01	.300	-6.57	.400	-5.09
.800	-3.48	.343	-2.24	.800	-4.33	.350	-6.64	.500	-3.90
		.400	-2.02			.400	-6.13	.600	-3.64
		.458	-1.96			.500	-5.25	.703	-3.98
		.571	-1.94			.600	-4.54	.826	-4.33
		.686	-2.10			.700	-4.20		
		.801	-2.33			.800	-3.74		
		.915	-2.79						
		.967	-3.50						
		.994	-3.69						
				LOWER	SURFACE				
.075	.78	.029	.92	.075	.41	.025	-3.40	.025	2.97
.150	.65	.057	.92	.150	.85	.050	.32	.050	3.77
.200	.75	.086	.92	.200	1.06	.075	.98	.100	3.64
.300	.77	.114	.86	.300	1.14	.100	.91	.150	4.22
.400	.73	.172	.81	.400	1.10	.150	1.16	.200	4.54
.500	.76	.229	.79	.500	1.18	.200	1.30	.250	5.15
.600	.72	.286	.75	.600	1.18	.250	1.30	.300	5.01
.700	.61	.343	.72	.700	1.00	.300	1.18	.400	6.27
.861	.10	.400	.72	.861	.52	.350	1.62	.500	6.59
		.458	.70			.400	1.60	.600	7.84
		.571	.70			.500	1.24	.703	10.08
		.686	.69			.600	-4.27	.756	9.94
						.700	-4.83		

ALPHA = 6.50 DEGREES DYNAMIC PRESSURE = 10.935 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.64	0.000	-1.09	.075	-3.45	.025	-2.64	.025	-9.04
.150	-4.44	.029	-6.41	.150	-4.65	.050	-3.52	.050	-9.56
.200	-3.81	.057	-4.98	.200	-5.24	.075	-4.63	.100	-8.91
.300	-4.67	.086	-4.12	.300	-5.01	.100	-5.31	.150	-8.64
.400	-4.51	.114	-3.53	.400	-5.10	.149	-6.07	.200	-8.24
.500	-4.23	.172	-2.83	.500	-4.12	.200	-6.06	.250	-7.40
.600	-4.53	.229	-2.78	.600	-5.82	.250	-6.34	.300	-6.33
.700	-4.35	.286	-2.67	.700	-5.25	.300	-6.47	.400	-5.29
.800	-3.48	.343	-2.29	.800	-4.38	.350	-6.67	.500	-3.93
		.400	-2.19			.400	-6.19	.600	-3.68
		.458	-2.11			.500	-5.32	.703	-3.89
		.571	-2.07			.600	-4.62	.826	-4.39
		.686	-2.19			.700	-4.28		
		.801	-2.40			.800	-3.79		
		.915	-2.90						
		.967	-3.57						
		.994	-3.75						
				LOWER	SURFACE				
.075	.91	.029	.81	.075	.29	.025	-3.47	.025	2.81
.150	.85	.057	.98	.150	.90	.050	.32	.050	3.77
.200	.81	.086	.93	.200	1.05	.075	.73	.100	4.20
.300	.78	.114	.92	.300	1.12	.100	.61	.150	4.67
.400	.78	.172	.88	.400	1.16	.150	1.17	.200	4.86
.500	.73	.229	.85	.500	1.25	.200	1.31	.250	5.89
.600	.72	.286	.78	.600	1.25	.250	1.38	.300	5.81
.700	.56	.343	.79	.700	1.03	.300	1.17	.400	6.20
.861	-.07	.400	.75	.861	.52	.350	1.74	.500	6.60
		.459	.75			.400	1.70	.600	7.70
		.571	.72			.500	1.55	.703	10.42
		.586	.73			.600	-4.49	.756	10.03
						.700	-4.60		

ALPHA = 8.41 DEGREES DYNAMIC PRESSURE = 10.921 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.53	0.000	-1.37	.075	-3.44	.025	-2.55	.025	-8.13
.150	-4.50	.029	-6.44	.150	-4.59	.050	-3.62	.050	-9.60
.200	-4.59	.057	-6.00	.200	-5.12	.075	-4.61	.100	-9.12
.300	-4.98	.086	-4.21	.300	-6.16	.100	-5.42	.150	-8.77
.400	-5.08	.114	-3.78	.400	-6.17	.149	-6.12	.200	-8.30
.500	-5.16	.172	-3.08	.500	-6.33	.200	-6.26	.250	-7.63
.600	-4.75	.229	-2.94	.600	-6.00	.250	-6.57	.300	-6.51
.700	-4.51	.286	-2.69	.700	-5.21	.300	-6.86	.400	-5.23
.800	-3.91	.343	-2.45	.800	-4.37	.350	-6.62	.500	-3.88
		.400	-2.27			.400	-6.20	.600	-3.67
		.458	-2.17			.500	-5.45	.703	-3.95
		.571	-2.20			.600	-4.60	.826	-4.49
		.686	-2.35			.700	-4.45		
		.801	-2.45			.800	-3.78		
		.915	-2.94						
		.967	-3.57						
		.994	-3.87						
				LOWER	SURFACE				
.075	.89	.029	.88	.075	.31	.025	-3.44	.025	3.24
.150	.87	.057	.94	.150	.89	.050	.13	.050	4.05
.200	.84	.086	.92	.200	1.02	.075	.69	.100	4.55
.300	.79	.114	.94	.300	1.12	.100	.64	.150	5.00
.400	.77	.172	.89	.400	1.16	.150	1.14	.200	5.48
.500	.73	.229	.86	.500	1.28	.200	1.29	.250	5.93
.600	.65	.286	.85	.600	1.23	.250	1.61	.300	6.46
.700	.55	.343	.80	.700	1.15	.300	1.35	.400	6.87
.861	-.06	.400	.77	.861	.62	.350	1.66	.500	7.43
		.458	.82			.400	1.86	.600	8.41
		.571	.77			.500	1.48	.703	10.41
		.686	.77			.600	-4.43	.756	10.54
						.700	-4.61		

ALPHA = 10.57 DEGREES DYNAMIC PRESSURE = 10.946 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-6.77	0.000	-1.55	.075	-3.62	.025	-2.47	.025	-5.86
.150	-6.04	.023	-7.40	.150	-4.74	.050	-3.72	.050	-9.87
.200	-6.16	.057	-6.05	.200	-5.46	.075	-4.83	.100	-9.07
.300	-7.22	.086	-4.89	.300	-4.04	.100	-5.41	.150	-8.77
.400	-6.08	.114	-4.10	.400	-6.07	.149	-5.98	.200	-8.41
.500	-5.85	.172	-3.30	.500	-6.20	.200	-6.07	.250	-7.39
.600	-5.25	.229	-3.06	.600	-5.04	.250	-6.52	.300	-6.36
.700	-4.92	.286	-2.80	.700	-5.54	.300	-6.57	.400	-5.67
.800	-4.08	.343	-2.53	.800	-4.47	.350	-4.74	.500	-3.94
		.400	-2.34			.400	-3.81	.600	-3.38
		.458	-2.36			.500	-5.47	.703	-4.04
		.571	-2.23			.600	-4.71	.826	-4.61
		.686	-2.30			.700	-4.33		
		.801	-2.50			.800	-3.65		
		.915	-2.94						
		.967	-3.71						
		.994	-3.89						
				LOWER SURFACE					
.075	.83	.029	.79	.075	.10	.025	-3.49	.025	3.65
.150	.92	.057	.92	.150	.86	.050	.24	.050	4.37
.200	.88	.086	.97	.200	1.05	.075	.96	.100	3.44
.300	.83	.114	.92	.300	1.16	.100	1.43	.150	4.94
.400	.76	.172	.90	.400	1.16	.150	1.11	.200	5.71
.500	.77	.229	.85	.500	1.30	.200	1.39	.250	6.12
.600	.67	.286	.88	.600	1.22	.253	1.59	.300	6.25
.700	.56	.343	.88	.700	1.22	.300	1.32	.400	7.14
.861	-.17	.400	.79	.861	.77	.350	1.95	.500	7.27
		.458	.79			.400	2.07	.600	9.32
		.571	.78			.500	1.73	.703	10.44
		.686	.78			.600	-4.42	.756	10.73
						.700	-4.58		

ALPHA = 12.54 DEGREES DYNAMIC PRESSURE = 10.954 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-6.56	0.000	-1.81	.075	-3.53	.025	-2.70	.025	-8.43
.150	-6.69	.023	-7.79	.150	-4.64	.050	-3.55	.050	-9.73
.200	-7.06	.057	-6.41	.200	-5.41	.075	-4.76	.100	-9.28
.300	-7.69	.086	-5.09	.300	-5.92	.100	-5.27	.150	-8.62
.400	-6.05	.114	-4.19	.400	-6.24	.149	-6.16	.200	-8.35
.500	-6.51	.172	-3.44	.500	-6.07	.200	-6.92	.250	-7.30
.600	-6.28	.229	-3.27	.600	-5.48	.250	-5.76	.300	-6.07
.700	-5.16	.286	-3.01	.700	-5.29	.300	-6.32	.400	-5.27
.800	-4.36	.343	-2.67	.800	-4.23	.350	-5.57	.500	-3.79
		.400	-2.46			.400	-5.11	.600	-3.58
		.458	-2.46			.500	-5.31	.703	-3.90
		.571	-2.36			.600	-4.48	.826	-4.46
		.686	-2.44			.700	-4.23		
		.801	-2.58			.800	-3.72		
		.915	-2.95						
		.967	-3.68						
		.994	-3.83						
				LOWER SURFACE					
.075	.74	.029	.78	.075	.24	.025	-3.54	.025	3.80
.150	.91	.057	.98	.150	.82	.050	-.05	.050	4.44
.200	.91	.086	.93	.200	1.07	.075	.56	.100	4.24
.300	.84	.114	1.02	.300	1.24	.100	.61	.150	5.63
.400	.82	.172	.55	.400	1.22	.150	1.09	.200	6.14
.500	.76	.229	.96	.500	1.30	.200	1.28	.250	6.22
.600	.66	.286	.94	.600	1.32	.250	1.52	.300	6.73
.700	.47	.343	.86	.700	1.22	.300	1.60	.400	7.12
.861	-.18	.400	.84	.861	.81	.350	1.81	.500	7.20
		.458	.90			.403	2.21	.600	9.50
		.571	.90			.590	1.74	.703	10.74
		.686	.92			.600	-4.20	.756	10.74
						.700	-4.59		

ALPHA = 14.46 DEGREES DYNAMIC PRESSURE = 10.932 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-7.87	0.000	-2.11	.075	-3.73	.025	-2.59	.025	-9.07
.150	-7.53	.023	-8.03	.150	-4.61	.050	-3.66	.050	-9.51
.200	-7.87	.057	-6.10	.200	-5.38	.075	-4.33	.100	-9.29
.300	-7.63	.086	-5.10	.300	-5.36	.100	-5.60	.150	-8.83
.400	-7.20	.114	-4.41	.400	-6.30	.149	-6.27	.200	-8.48
.500	-6.94	.172	-3.61	.500	-6.30	.200	-6.21	.250	-7.51
.600	-6.46	.229	-3.35	.600	-5.69	.250	-6.10	.300	-6.20
.700	-5.66	.286	-3.14	.700	-5.24	.300	-6.85	.400	-5.33
.800	-4.79	.343	-2.83	.800	-4.67	.350	-6.35	.500	-3.97
		.400	-2.52			.400	-6.38	.600	-3.75
		.458	-2.44			.500	-5.21	.703	-3.83
		.571	-2.45			.600	-4.62	.826	-4.57
		.686	-2.47			.700	-4.38		
		.801	-2.57			.800	-3.62		
		.915	-3.11						
		.967	-3.27						
		.994	-3.50						
				LOWER SURFACE					
.075	.77	.029	.72	.075	.21	.025	-3.50	.025	3.61
.150	.92	.057	.94	.150	.86	.050	.16	.050	4.81
.200	.94	.086	.88	.200	1.06	.075	.56	.100	4.52
.300	.85	.114	.93	.300	1.20	.100	.66	.150	5.63
.400	.83	.172	.93	.400	1.25	.150	1.22	.200	5.73
.500	.79	.229	.89	.500	1.41	.200	1.41	.250	6.24
.600	.71	.286	.90	.600	1.44	.250	1.59	.300	6.09
.700	.48	.343	.88	.700	1.25	.300	1.55	.400	7.32
.961	-.30	.400	.89	.861	.58	.350	2.27	.500	6.90
		.458	.85			.400	2.39	.600	8.48
		.571	.84			.503	1.72	.703	11.18
		.686	.83			.600	-4.09	.756	10.78
						.700	-4.47		

ALPHA = 16.40 DEGREES DYNAMIC PRESSURE = 10.893 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-8.46	0.000	-2.15	.075	-3.64	.025	-2.60	.025	-4.27
.150	-8.60	.023	-8.45	.150	-4.75	.050	-3.81	.050	-9.83
.200	-8.00	.057	-6.44	.200	-5.41	.075	-4.79	.100	-9.20
.300	-7.77	.086	-5.25	.300	-6.44	.100	-5.71	.150	-8.85
.400	-7.39	.114	-4.39	.400	-5.86	.149	-5.74	.200	-8.18
.500	-7.13	.172	-3.59	.500	-6.12	.200	-5.67	.250	-7.34
.600	-6.58	.229	-3.31	.600	-5.82	.250	-6.33	.300	-6.41
.700	-5.41	.286	-2.93	.700	-3.81	.300	-4.64	.400	-4.40
.800	-4.66	.343	-2.61	.800	-3.14	.350	-4.37	.500	-3.12
		.400	-2.29			.400	-3.38	.600	-2.76
		.458	-2.13			.500	-3.02	.703	-3.19
		.571	-2.11			.600	-2.94	.826	-4.36
		.686	-2.21			.703	-2.27		
		.801	-2.54			.800	-3.47		
		.915	-2.92						
		.967	-3.07						
		.994	-2.87						
				LOWER SURFACE					
.075	.63	.029	.68	.075	.18	.025	-3.49	.025	4.88
.150	.91	.057	.87	.150	.84	.050	-.06	.050	4.85
.200	.91	.086	.90	.200	1.05	.075	.71	.100	4.97
.300	.91	.114	.96	.300	1.32	.100	.53	.150	5.74
.400	.85	.172	.92	.400	1.26	.150	1.20	.200	5.80
.500	.80	.229	.56	.500	1.37	.200	1.48	.250	6.61
.600	.68	.286	.52	.600	1.45	.250	1.61	.300	6.33
.700	.52	.343	.92	.700	1.29	.300	1.66	.400	7.48
.861	-.20	.400	.89	.861	1.20	.350	2.13	.500	7.28
		.458	.90			.400	2.22	.600	8.59
		.571	.88			.590	1.87	.703	10.72
		.686	.98			.600	-4.07	.756	10.81
						.700	-4.41		

ALPHA = 16.29 DEGREES DYNAMIC PRESSURE = 10.363 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-8.61	0.000	-2.08	.075	-2.35	.025	-1.77	.025	-8.40
.150	-8.27	.029	-7.41	.150	-2.76	.050	-2.31	.050	-9.04
.200	-8.01	.057	-6.07	.200	-3.67	.075	-3.24	.100	-8.61
.300	-7.43	.086	-4.51	.300	-3.35	.100	-3.21	.150	-8.08
.400	-6.94	.114	-3.86	.400	-3.23	.149	-3.52	.200	-7.61
.500	-6.70	.172	-3.26	.500	-3.89	.200	-3.92	.250	-5.86
.600	-6.12	.229	-2.97	.600	-3.30	.250	-3.70	.300	-5.77
.700	-5.15	.286	-2.72	.700	-2.81	.300	-3.70	.400	-4.19
.800	-4.68	.343	-2.54	.800	-3.15	.350	-4.46	.500	-3.32
		.400	-2.46			.400	-4.00	.600	-3.02
		.458	-2.21			.500	-3.11	.703	-3.16
		.571	-2.05			.600	-2.52	.826	-4.12
		.686	-2.23			.700	-2.80		
		.301	-1.91			.800	-2.38		
		.915	-2.08						
		.967	-2.62						
		.994	-2.44						
				LOWER	SURFACE				
.075	.32	.029	.60	.075	.09	.025	-3.14	.025	4.21
.150	.91	.057	.89	.150	.87	.050	.06	.050	4.75
.200	.91	.086	.91	.200	1.03	.075	.63	.100	4.74
.300	.91	.114	.88	.300	1.24	.100	.61	.150	5.78
.400	.86	.172	.93	.400	1.30	.150	1.22	.200	5.57
.500	.79	.229	.92	.500	1.43	.200	1.49	.250	6.46
.600	.68	.286	.86	.600	1.53	.250	1.56	.300	6.74
.700	.51	.343	.91	.700	1.41	.300	1.60	.400	7.18
.861	-.27	.400	.88	.861	1.12	.350	1.78	.500	7.04
		.458	.85			.400	2.00	.600	8.69
		.571	.84			.500	1.65	.703	10.80
		.686	.83			.600	-3.89	.756	10.43
						.700	-4.18		

ALPHA = 20.14 DEGREES DYNAMIC PRESSURE = 10.925 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.71	0.000	-2.08	.075	-2.02	.025	-1.54	.025	-7.32
.150	-7.92	.029	-6.83	.150	-2.15	.050	-2.03	.050	-9.00
.200	-5.42	.057	-2.83	.200	-3.30	.075	-3.24	.100	-8.71
.300	-4.42	.086	-2.77	.300	-3.46	.100	-3.47	.150	-8.04
.400	-4.00	.114	-2.59	.400	-3.08	.149	-3.46	.200	-7.64
.500	-3.49	.172	-2.25	.500	-2.74	.200	-2.90	.250	-6.33
.600	-3.79	.229	-2.52	.600	-2.83	.250	-3.21	.300	-5.41
.700	-3.92	.286	-2.65	.700	-2.72	.300	-3.57	.400	-4.36
.800	-4.57	.343	-2.37	.800	-2.36	.350	-3.52	.500	-3.11
		.400	-2.09			.400	-3.24	.600	-2.75
		.458	-2.11			.500	-2.74	.703	-3.12
		.571	-1.68			.600	-2.30	.826	-2.90
		.686	-2.56			.700	-2.70		
		.301	-2.43			.800	-2.43		
		.915	-2.49						
		.967	-2.31						
		.994	-1.94						
				LOWER	SURFACE				
.075	.40	.029	.73	.075	.22	.025	-2.75	.025	3.90
.150	.90	.057	.79	.150	.85	.050	.11	.050	4.61
.200	.91	.086	.89	.200	1.05	.075	.69	.100	4.62
.300	.89	.114	.89	.300	1.24	.100	.70	.150	5.56
.400	.88	.172	.93	.400	1.29	.150	1.30	.200	5.97
.500	.81	.229	.91	.500	1.33	.200	1.41	.250	6.52
.600	.73	.286	.92	.600	1.50	.250	1.60	.300	6.56
.700	.56	.343	.92	.700	1.41	.300	1.67	.400	6.88
.861	.19	.400	.89	.861	1.16	.350	1.92	.500	7.13
		.458	.88			.400	2.09	.600	8.20
		.571	.89			.500	1.73	.703	10.42
		.686	.86			.600	-3.73	.756	10.48
						.700	-3.89		

APPENDIX I

PRESSURE DATA FOR $\delta_f = 50^o$, $\delta_s = 60^o$, AND MEDIUM PYLON

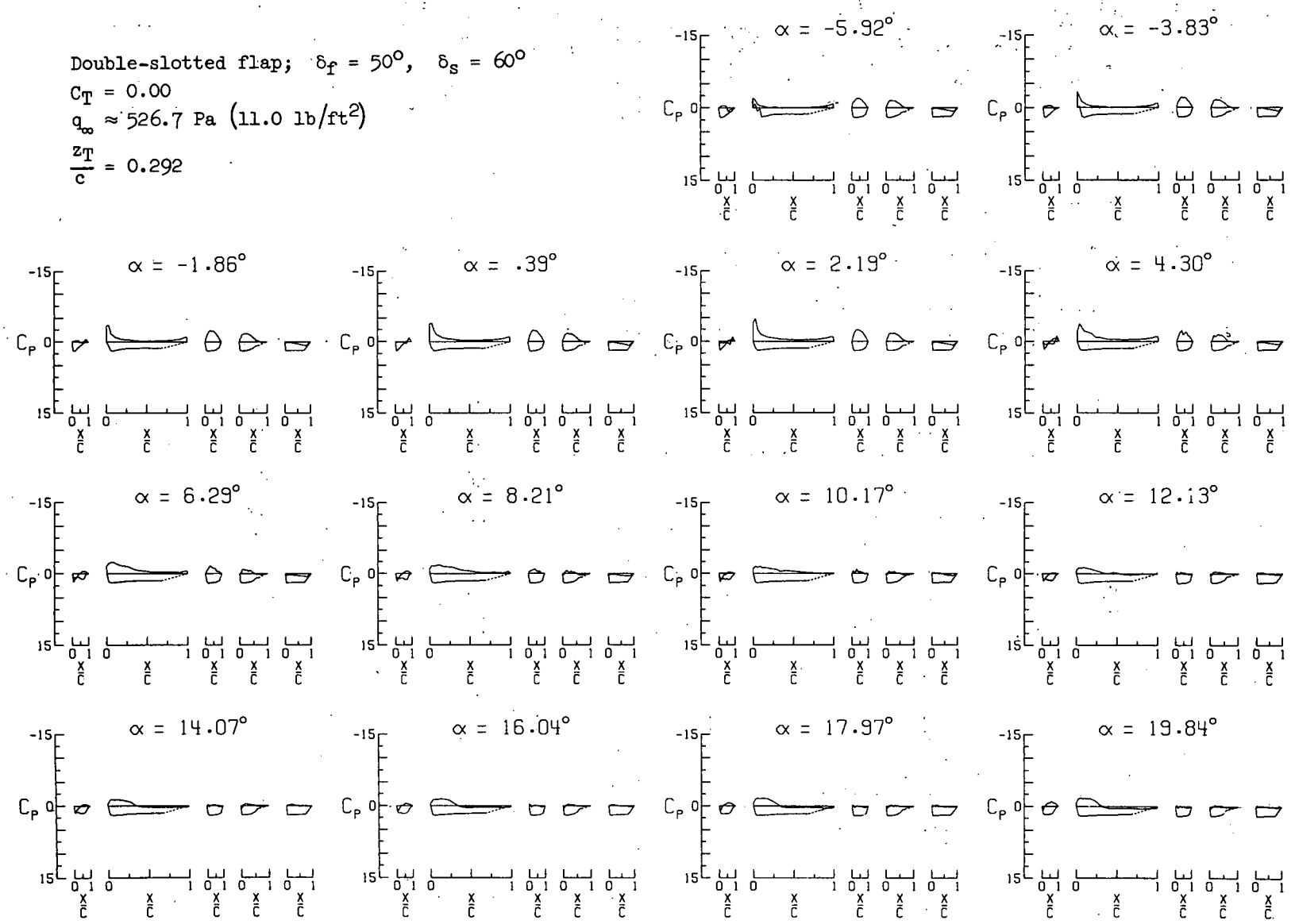
The pressure measurements made on the wing with the double-slotted flap and the leading-edge slat deflected ($\delta_f = 50^o$ and $\delta_s = 60^o$) are presented in this appendix in coefficient form in graphs and tables. The data are for the medium-length pylon and are arranged in order of increasing thrust coefficient.

Double-slotted flap; $\delta_f = 50°$, $\delta_s = 60°$

$C_T = 0.00$

$q_\infty \approx 526.7$ Pa (11.0 lb/ft^2)

$\frac{z_T}{c} = 0.292$



ALPHA = -5.93 DEGREES DYNAMIC PRESSURE = 10.989 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.74	0.000	-1.99	.075	-1.21	.025	-.47	.025	.11
.150	2.00	.029	-1.70	.150	-1.24	.050	-.66	.050	.18
.200	1.99	.057	-.80	.200	-1.56	.075	-1.10	.100	.15
.300	1.86	.086	-.44	.300	-1.90	.100	-1.31	.150	.13
.400	1.67	.114	-.41	.400	-1.93	.149	-1.57	.200	.14
.500	1.42	.172	-.16	.500	-1.88	.200	-1.51	.250	.20
.600	1.19	.229	-.05	.600	-1.67	.250	-1.46	.300	.27
.700	.84	.286	-.10	.700	-1.33	.300	-1.47	.400	.35
.800	.79	.343	.03	.800	-.93	.350	-1.35	.500	.43
		.400	.07			.400	-1.17	.600	.54
		.458	.05			.500	-.79	.703	.65
		.571	.03			.600	-.24	.826	.80
		.686	-.02			.700	-.04		
		.801	-.13			.800	.18		
		.915	-.38						
		.567	-.63						
		.994	-.32						
				LOWER	SURFACE				
.075	-.16	.029	-.87	.075	1.83	.025	1.80	.025	1.97
.150	-.37	.057	.75	.150	1.99	.050	1.95	.050	1.96
.200	-.40	.086	.19	.200	2.00	.075	2.00	.100	1.93
.300	-.45	.114	1.87	.300	1.97	.100	2.06	.150	1.88
.400	-.44	.172	1.72	.400	1.94	.150	2.00	.200	1.89
.500	-.21	.229	1.47	.500	1.89	.200	1.91	.250	1.87
.600	.80	.286	1.36	.600	1.82	.250	1.82	.300	1.85
.700	.36	.343	1.36	.700	1.75	.300	1.79	.400	1.84
.861	.24	.400	1.33	.861	1.35	.350	1.67	.500	1.82
		.458	1.29			.400	1.59	.600	1.81
		.571	1.31			.500	1.33	.703	1.80
		.686	1.29			.600	.84	.756	1.80
						.700	.77		

ALPHA = -3.83 DEGREES DYNAMIC PRESSURE = 10.951 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.87	0.000	-3.35	.075	-1.12	.025	-.56	.025	.09
.150	1.97	.029	-2.26	.150	-1.38	.050	-.72	.050	.18
.200	1.95	.057	-1.29	.200	-1.72	.075	-1.19	.100	.14
.300	1.66	.086	-1.03	.300	-2.22	.100	-1.43	.150	.13
.400	1.40	.114	-.67	.400	-2.06	.149	-1.59	.200	.16
.500	1.08	.172	-.39	.500	-2.11	.200	-1.63	.250	.20
.600	.80	.229	-.29	.600	-1.87	.250	-1.60	.300	.26
.700	.49	.286	-.27	.700	-1.42	.300	-1.53	.400	.36
.800	.25	.343	-.21	.800	-1.04	.350	-1.43	.500	.44
		.400	.00			.400	-1.29	.600	.53
		.458	-.05			.500	-.88	.703	.63
		.571	-.05			.600	-.29	.826	.79
		.686	-.08			.700	-.12		
		.801	-.21			.800	.14		
		.915	-.46						
		.567	-.81						
		.994	-.94						
				LOWER	SURFACE				
.075	-.35	.029	-.31	.075	1.81	.025	1.74	.025	1.96
.150	-.35	.057	1.76	.150	2.00	.050	1.92	.050	1.95
.200	-.35	.086	2.02	.200	1.98	.075	1.98	.100	1.90
.300	-.40	.114	1.86	.300	1.95	.100	1.97	.150	1.88
.400	-.46	.172	1.62	.400	1.90	.150	1.98	.200	1.89
.500	-.43	.229	1.47	.500	1.87	.200	1.92	.250	1.85
.600	-.19	.286	1.38	.600	1.84	.250	1.82	.300	1.86
.700	.22	.343	1.39	.700	1.74	.300	1.73	.400	1.84
.861	-.07	.400	1.36	.861	1.32	.350	1.70	.500	1.82
		.458	1.33			.400	1.62	.600	1.79
		.571	1.34			.500	1.33	.703	1.82
		.686	1.33			.600	.82	.756	1.82
						.700	.78		

ALPHA = -1.87 DEGREES DYNAMIC PRESSURE = 10.875 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.97	0.000	-3.33	.075	-.99	.025	-.55	.025	.12
.150	1.95	.029	-3.47	.150	-1.56	.050	-.77	.050	.21
.200	1.94	.057	-1.66	.200	-1.87	.075	-1.25	.100	.16
.300	1.48	.086	-1.28	.300	-2.36	.100	-1.48	.150	.16
.400	1.13	.114	-.93	.400	-2.18	.149	-1.63	.200	.19
.500	.86	.172	-.59	.500	-2.29	.200	-1.72	.250	.20
.600	.59	.229	-.46	.600	-1.98	.250	-1.63	.300	.27
.700	.31	.286	-.40	.700	-1.60	.300	-1.69	.400	.34
.800	.15	.343	-.29	.800	-1.14	.350	-1.54	.500	.43
		.400	-.17			.400	-1.34	.600	.56
		.458	-.12			.500	-.90	.703	.66
		.571	-.16			.600	-.32	.826	.83
		.686	-.20			.700	-.15		
		.801	-.29			.800	.15		
		.915	-.55						
		.967	-.90						
		.994	-1.00						
				LOWER	SURFACE				
.075	-.19	.029	.84	.075	1.79	.025	1.67	.025	1.95
.150	-.16	.057	1.88	.150	1.98	.050	1.86	.050	1.92
.200	-.24	.086	1.94	.200	1.98	.075	1.92	.100	1.92
.300	-.29	.114	1.85	.300	1.94	.100	1.95	.150	1.91
.400	-.32	.172	1.62	.400	1.98	.150	1.94	.200	1.87
.500	.14	.229	1.48	.500	1.85	.200	1.90	.250	1.85
.600	.01	.286	1.39	.600	1.82	.250	1.86	.300	1.85
.700	.25	.343	1.36	.700	1.70	.300	1.81	.400	1.84
.861	-.59	.400	1.38	.861	1.29	.350	1.71	.500	1.84
		.458	1.32			.400	1.65	.600	1.84
		.571	1.35			.500	1.36	.703	1.84
		.686	1.36			.600	.86	.756	1.81
						.700	.76		

ALPHA = .39 DEGREES DYNAMIC PRESSURE = 10.908 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.98	0.000	-3.68	.075	-.99	.025	-.57	.025	.15
.150	1.87	.029	-3.92	.150	-1.62	.050	-.76	.050	.22
.200	1.57	.057	-2.36	.200	-1.98	.075	-1.20	.100	.22
.300	1.27	.086	-1.50	.300	-2.40	.100	-1.47	.150	.16
.400	.71	.114	-1.29	.400	-2.30	.149	-1.66	.200	.20
.500	.46	.172	-.79	.500	-2.30	.200	-1.71	.250	.22
.600	.32	.229	-.58	.600	-1.97	.250	-1.63	.300	.28
.700	-.10	.286	-.54	.700	-1.53	.300	-1.55	.400	.37
.800	.01	.343	-.34	.800	-1.11	.350	-1.54	.500	.43
		.400	-.31			.400	-1.35	.600	.53
		.458	-.27			.500	-.90	.703	.67
		.571	-.24			.600	-.35	.826	.84
		.686	-.31			.700	-.12		
		.801	-.36			.800	.13		
		.915	-.62						
		.967	-.91						
		.994	-1.05						
				LOWER	SURFACE				
.075	.17	.029	1.39	.075	1.75	.025	1.67	.025	1.94
.150	.09	.057	1.91	.150	1.97	.050	1.86	.050	1.92
.200	.03	.086	1.94	.200	2.00	.075	1.89	.100	1.91
.300	.07	.114	1.85	.300	1.95	.100	1.97	.150	1.89
.400	.05	.172	1.65	.400	1.88	.150	1.95	.200	1.85
.500	.05	.229	1.53	.500	1.87	.200	1.94	.250	1.89
.600	.22	.286	1.47	.600	1.81	.250	1.87	.300	1.86
.700	.36	.343	1.50	.700	1.70	.300	1.83	.400	1.86
.861	-.60	.400	1.45	.861	1.31	.350	1.78	.500	1.83
		.458	1.41			.400	1.69	.600	1.83
		.571	1.38			.500	1.41	.703	1.85
		.686	1.41			.600	.84	.756	1.83
						.700	.78		

ALPHA = 2.19 DEGREES DYNAMIC PRESSURE = 10.897 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.95	0.000	-3.85	.075	-.99	.025	-.59	.025	.19
.150	1.71	.029	-4.88	.150	-1.75	.050	-.81	.050	.26
.200	1.50	.057	-2.46	.200	-2.04	.075	-1.21	.100	.22
.300	1.16	.086	-1.65	.300	-2.49	.100	-1.52	.150	.17
.400	.76	.114	-1.32	.400	-2.35	.149	-1.70	.200	.19
.500	.22	.172	-.93	.500	-2.23	.200	-1.56	.250	.24
.600	-.20	.229	-.77	.600	-2.06	.250	-1.62	.300	.32
.700	-.31	.286	-.65	.700	-1.64	.300	-1.69	.400	.37
.800	-.23	.343	-.43	.800	-1.16	.350	-1.51	.500	.44
		.400	-.40			.400	-1.38	.600	.55
		.458	-.33			.500	-.90	.703	.69
		.571	-.30			.600	-.32	.826	.84
		.686	-.34			.700	-.12		
		.801	-.42			.800	.10		
		.915	-.70						
		.967	-1.02						
		.994	-.88						
				LOWER	SURFACE				
.075	.32	.029	1.37	.075	1.76	.025	1.68	.025	1.93
.150	.30	.057	1.92	.150	1.96	.050	1.86	.050	1.96
.200	.34	.086	1.93	.200	1.94	.075	1.90	.100	1.93
.300	.36	.114	1.85	.300	1.92	.100	1.94	.150	1.90
.400	.06	.172	1.72	.400	1.92	.150	1.92	.200	1.87
.500	.31	.229	1.63	.500	1.86	.200	1.93	.250	1.88
.600	.39	.286	1.53	.600	1.80	.250	1.87	.300	1.83
.700	.71	.343	1.49	.700	1.71	.300	1.83	.400	1.86
.861	-.97	.400	1.49	.861	1.28	.350	1.79	.500	1.84
		.458	1.48			.400	1.73	.600	1.82
		.571	1.45			.500	1.44	.703	1.85
		.686	1.43			.600	.91	.756	1.82
						.700	.79		

ALPHA = 4.31 DEGREES DYNAMIC PRESSURE = 10.905 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.76	0.000	-2.09	.075	-.68	.025	-.12	.025	.23
.150	1.37	.029	-3.71	.150	-1.37	.050	-.52	.050	.31
.200	1.21	.057	-2.82	.200	-1.80	.075	-1.02	.100	.26
.300	.55	.086	-2.15	.300	-2.29	.100	-1.29	.150	.22
.400	.17	.114	-1.98	.400	-1.36	.149	-.91	.200	.28
.500	-.17	.172	-1.68	.500	-1.71	.200	-1.18	.250	.27
.600	-.46	.229	-.84	.600	-1.89	.250	-1.45	.300	.34
.700	-.59	.286	-.79	.730	-1.21	.300	-1.19	.400	.40
.800	-.69	.343	-.57	.800	-1.02	.350	-1.30	.500	.48
		.400	-.41			.400	-1.24	.600	.54
		.458	-.43			.500	-.67	.703	.63
		.571	-.32			.600	-.11	.826	.75
		.686	-.36			.700	.00		
		.801	-.44			.800	.20		
		.915	-.70						
		.967	-.97						
		.994	-1.05						
				LOWER	SURFACE				
.075	.44	.029	1.54	.075	1.72	.025	1.67	.025	1.91
.150	.58	.057	1.64	.150	1.95	.050	1.82	.050	1.94
.200	.62	.086	1.93	.200	1.95	.075	1.89	.100	1.93
.300	.49	.114	1.84	.300	1.91	.100	1.95	.150	1.91
.400	.45	.172	1.73	.400	1.90	.150	1.93	.200	1.88
.500	.49	.229	1.64	.500	1.88	.200	1.92	.250	1.88
.600	.59	.286	1.60	.600	1.82	.250	1.86	.300	1.85
.700	.43	.343	1.53	.700	1.72	.300	1.79	.400	1.87
.861	-1.11	.400	1.51	.861	1.32	.350	1.77	.500	1.81
		.458	1.50			.400	1.70	.600	1.82
		.571	1.46			.500	1.62	.703	1.84
		.686	1.46			.600	.90	.756	1.82
						.700	.91		

ALPHA = 6.30 DEGREES DYNAMIC PRESSURE = 10.889 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.75	0.000	-1.62	.075	-.63	.025	.06	.025	.24
.150	1.29	.029	-2.23	.150	-.90	.050	-.21	.050	.35
.200	1.02	.057	-2.39	.200	-1.28	.075	-.63	.100	.29
.300	.53	.086	-2.45	.300	-1.70	.100	-.93	.150	.24
.400	.12	.114	-2.15	.400	-1.33	.149	-.84	.200	.24
.500	-.12	.172	-1.71	.500	-1.12	.200	-.73	.250	.26
.600	-.48	.229	-1.62	.600	-1.14	.250	-.83	.300	.34
.700	-.49	.286	-1.34	.700	-.47	.300	-.46	.400	.39
.800	-.51	.343	-.86	.800	-.53	.350	-.74	.500	.46
		.400	-.66			.400	-.56	.600	.51
		.458	-.55			.500	-.11	.703	.51
		.571	-.30			.600	.14	.826	.66
		.686	-.29			.700	.14		
		.801	-.33			.800	.35		
		.915	-.25						
		.967	-.51						
		.994	-.59						
				LOWER	SURFACE				
.075	.93	.029	1.71	.075	1.75	.025	1.75	.025	1.93
.150	.96	.057	1.93	.150	1.92	.050	1.86	.050	1.92
.200	.87	.086	1.89	.200	1.98	.075	1.89	.100	1.91
.300	.76	.114	1.94	.300	1.93	.100	1.97	.150	1.90
.400	.76	.172	1.74	.400	1.89	.150	1.97	.200	1.87
.500	.99	.229	1.65	.500	1.87	.200	1.90	.250	1.88
.600	1.18	.286	1.60	.600	1.83	.250	1.86	.300	1.85
.700	1.12	.343	1.55	.700	1.73	.300	1.81	.400	1.82
.861	.10	.400	1.50	.861	1.43	.350	1.78	.500	1.82
		.458	1.51			.400	1.72	.600	1.81
		.571	1.51			.500	1.46	.703	1.81
		.686	1.47			.600	.88	.756	1.81
						.700	.81		

ALPHA = 8.22 DEGREES DYNAMIC PRESSURE = 10.925 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.60	0.000	-1.06	.075	-.58	.025	.33	.025	.15
.150	1.17	.029	-1.68	.150	-.49	.050	.05	.050	.32
.200	.82	.057	-1.63	.200	-.73	.075	-.25	.100	.24
.300	.33	.086	-1.70	.300	-.94	.100	-.37	.150	.23
.400	.10	.114	-1.86	.400	-1.02	.149	-.67	.200	.22
.500	-.17	.172	-1.68	.500	-.57	.200	-.33	.250	.15
.600	-.42	.229	-1.42	.600	-.38	.250	-.22	.300	.24
.700	-.55	.286	-1.35	.700	-.54	.300	-.52	.400	.35
.800	-.43	.343	-1.01	.800	-.06	.350	-.24	.500	.43
		.400	-.72			.400	-.36	.600	.46
		.458	-.64			.500	-.04	.703	.49
		.571	-.35			.600	.28	.826	.53
		.686	-.15			.700	.27		
		.801	-.25			.800	.36		
		.915	-.11						
		.967	-.40						
		.994	-.19						
				LOWER	SURFACE				
.075	.98	.029	1.78	.075	1.79	.025	1.80	.025	1.94
.150	1.08	.057	1.94	.150	1.94	.050	1.86	.050	1.94
.200	1.07	.086	1.92	.200	1.94	.075	1.95	.100	1.93
.300	.97	.114	1.86	.300	1.93	.100	1.96	.150	1.90
.400	.90	.172	1.71	.400	1.93	.150	1.91	.200	1.88
.500	1.09	.229	1.65	.500	1.89	.200	1.91	.250	1.88
.600	1.26	.286	1.62	.600	1.84	.250	1.85	.300	1.83
.700	1.25	.343	1.58	.700	1.79	.300	1.80	.400	1.82
.861	.23	.400	1.56	.861	1.51	.350	1.69	.500	1.82
		.458	1.52			.400	1.69	.600	1.79
		.571	1.51			.500	1.39	.703	1.77
		.686	1.48			.600	.82	.756	1.80
						.700	.79		

ALPHA = 10.17 DEGREES DYNAMIC PRESSURE = 10.935 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.75	0.000	-1.02	.075	-.54	.025	.33	.025	-.23
.150	1.20	.029	-1.51	.150	-.28	.050	.09	.050	-.00
.200	1.05	.057	-1.28	.200	-.14	.075	-.09	.100	-.19
.300	.39	.086	-1.54	.300	-.94	.100	-.41	.150	.00
.400	.35	.114	-1.23	.400	-.25	.149	-.23	.200	-.06
.500	.00	.172	-1.21	.500	-.38	.200	-.24	.250	.02
.600	-.27	.229	-.96	.600	-.26	.250	-.32	.300	-.09
.700	-.30	.286	-.90	.700	-.15	.300	-.39	.400	.06
.800	-.15	.343	-.36	.800	.14	.350	-.17	.500	.21
		.400	-.59			.400	-.07	.600	.38
		.458	-.52			.500	-.06	.703	.36
		.571	-.34			.600	.28	.826	.49
		.686	-.19			.700	.26		
		.801	-.01			.800	.28		
		.915	.02						
		.967	-.09						
		.994	.01						
				LOWER	SURFACE				
.075	1.06	.029	1.82	.075	1.80	.025	1.81	.025	1.98
.150	1.05	.057	1.94	.150	1.92	.050	1.91	.050	1.96
.200	1.20	.086	1.90	.200	1.95	.075	1.95	.100	1.91
.300	1.11	.114	1.85	.300	1.96	.100	1.97	.150	1.90
.400	1.25	.172	1.76	.400	1.92	.150	1.93	.200	1.87
.500	1.11	.229	1.67	.500	1.87	.200	1.88	.250	1.87
.600	1.27	.286	1.62	.600	1.85	.250	1.83	.300	1.86
.700	1.21	.343	1.60	.700	1.78	.300	1.78	.400	1.81
.861	.49	.400	1.60	.861	1.55	.350	1.75	.500	1.77
		.458	1.54			.400	1.67	.600	1.78
		.571	1.49			.500	1.35	.703	1.81
		.686	1.49			.600	.84	.756	1.77
						.700	.61		

ALPHA = 12.14 DEGREES DYNAMIC PRESSURE = 10.965 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.60	0.000	-.68	.075	-.45	.025	.31	.025	-.26
.150	1.21	.029	-1.28	.150	.09	.050	.15	.050	-.17
.200	.87	.057	-1.13	.200	.10	.075	.01	.100	-.14
.300	.52	.086	-1.30	.300	-.34	.100	-.32	.150	-.23
.400	.20	.114	-1.23	.400	-.14	.149	-.42	.200	-.29
.500	.04	.172	-1.01	.500	-.21	.200	-.42	.250	-.18
.600	-.14	.229	-.66	.600	-.03	.250	-.30	.300	-.09
.700	-.16	.286	-.41	.700	.05	.300	-.39	.400	-.01
.800	-.08	.343	-.10	.800	.22	.350	-.30	.500	.08
		.400	-.00			.400	-.27	.600	.05
		.458	-.25			.500	-.14	.703	.18
		.571	.11			.600	.04	.826	.23
		.686	.25			.700	-.01		
		.801	.11			.800	.06		
		.915	.04						
		.967	.09						
		.994	-.20						
				LOWER	SURFACE				
.075	1.19	.029	1.83	.075	1.83	.025	1.75	.025	1.96
.150	1.23	.057	1.96	.150	1.97	.050	1.87	.050	1.96
.200	1.17	.086	1.94	.200	1.99	.075	1.90	.100	1.93
.300	1.19	.114	1.88	.300	1.95	.100	1.92	.150	1.92
.400	1.35	.172	1.81	.400	1.91	.150	1.91	.200	1.90
.500	1.38	.229	1.66	.500	1.88	.200	1.86	.250	1.90
.600	1.46	.286	1.63	.600	1.88	.250	1.79	.300	1.88
.700	1.25	.343	1.56	.700	1.79	.300	1.77	.400	1.86
.861	.30	.400	1.57	.861	1.52	.350	1.63	.500	1.84
		.458	1.51			.400	1.59	.600	1.84
		.571	1.49			.500	1.25	.703	1.78
		.686	1.50			.600	.58	.756	1.78
						.700	.51		

ALPHA = 14.07 DEGREES DYNAMIC PRESSURE = 10.969 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.48	0.000	-.50	.075	-.30	.025	.48	.025	-.12
.150	.93	.029	-1.28	.150	.27	.050	.29	.050	-.08
.200	.83	.057	-1.31	.200	-.04	.075	-.04	.100	-.22
.300	.37	.086	-1.21	.300	-.13	.100	-.14	.150	-.20
.400	.16	.114	-1.29	.400	-.19	.149	-.36	.200	-.26
.500	-.15	.172	-1.20	.500	-.24	.200	-.46	.250	-.26
.600	-.33	.229	-1.01	.600	-.06	.250	-.29	.300	-.15
.700	-.35	.286	-.75	.700	.10	.300	-.25	.400	-.03
.800	-.22	.343	-.08	.800	.26	.350	-.21	.500	.05
		.400	.18			.400	-.24	.600	.04
		.458	.28			.500	-.10	.703	.05
		.571	.33			.600	.15	.826	.20
		.686	.33			.700	.14		
		.801	.35			.800	.19		
		.915	.28						
		.967	.29						
		.994	.15						
				LOWER	SURFACE				
.075	1.30	.029	1.86	.075	1.84	.025	1.86	.025	1.98
.150	1.30	.057	1.94	.150	1.99	.050	1.95	.050	1.96
.200	1.32	.086	2.00	.200	1.99	.075	1.95	.100	1.95
.300	1.28	.114	1.93	.300	1.97	.100	2.00	.150	1.92
.400	1.55	.172	1.87	.400	1.93	.150	1.96	.200	1.91
.500	1.44	.229	1.72	.500	1.93	.200	1.92	.250	1.89
.600	1.51	.286	1.67	.600	1.88	.250	1.85	.300	1.88
.700	1.32	.343	1.67	.700	1.81	.300	1.88	.400	1.86
.861	.39	.400	1.57	.861	1.57	.350	1.74	.500	1.86
		.458	1.55			.400	1.66	.600	1.87
		.571	1.54			.500	1.36	.703	1.81
		.686	1.54			.600	.66	.756	1.78
						.700	.50		

ALPHA = 16.05 DEGREES DYNAMIC PRESSURE = 10.968 LBF/SQ.FT.

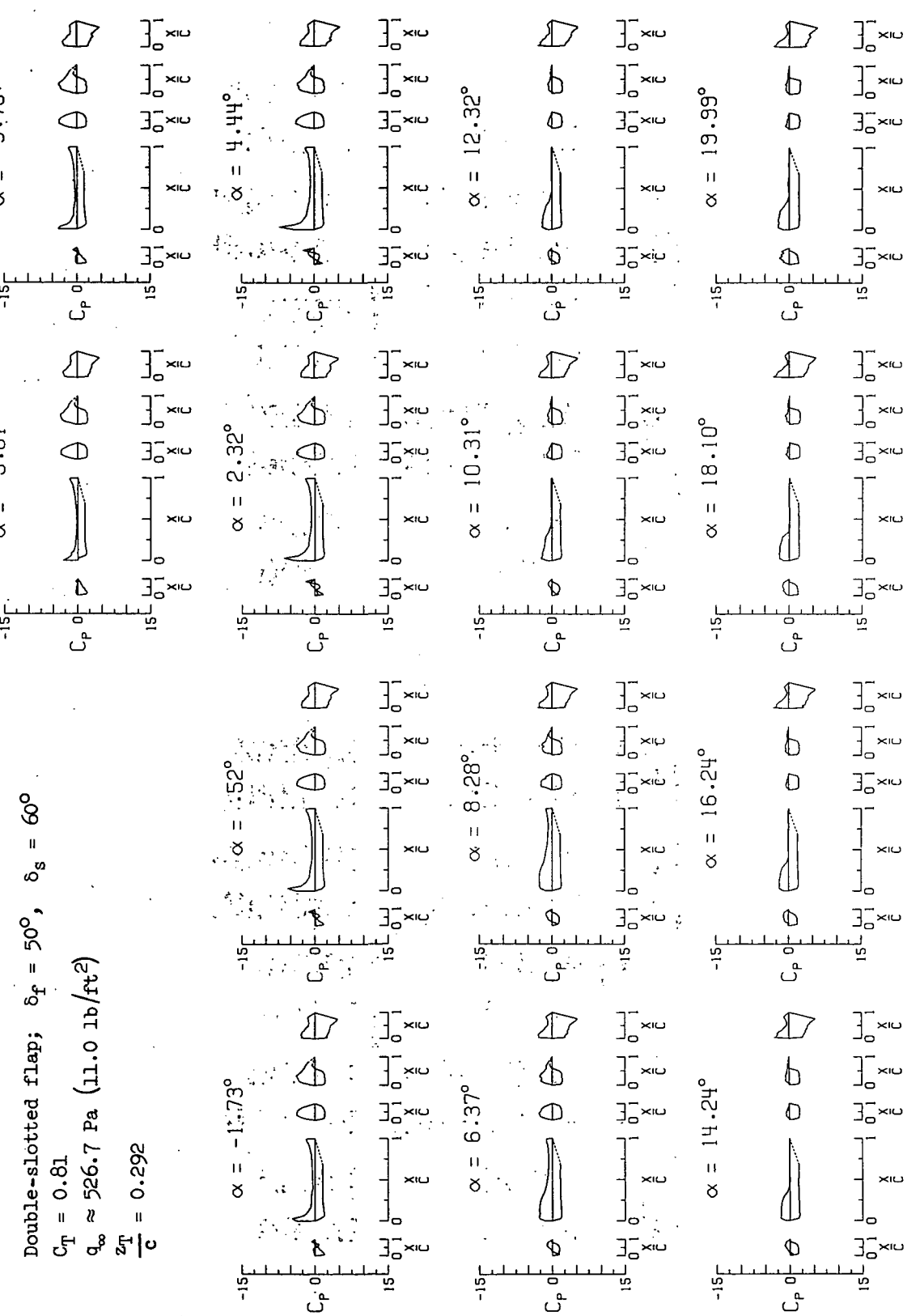
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.11	0.000	-.53	.075	-.26	.025	.40	.025	-.20
.150	.85	.029	-1.18	.150	.31	.050	.33	.050	-.07
.200	.41	.057	-1.28	.200	.07	.075	.02	.100	-.17
.300	.07	.086	-1.22	.300	-.07	.100	-.06	.150	-.16
.400	-.09	.114	-1.34	.400	-.04	.149	-.26	.200	-.21
.500	-.43	.172	-1.34	.500	-.02	.200	-.29	.250	-.16
.600	-.52	.229	-1.15	.600	.05	.250	-.16	.300	-.08
.700	-.37	.286	-.57	.700	.15	.300	-.22	.400	-.02
.800	-.33	.343	.03	.800	.27	.350	-.26	.500	.05
		.400	.34			.400	-.14	.600	.12
		.458	.36			.500	.02	.703	.12
		.571	.35			.600	.09	.826	.18
		.686	.33			.700	.13		
		.801	.31			.800	.17		
		.915	.39						
		.967	.34						
		.994	.26						
				LOWER	SURFACE				
.075	1.43	.029	1.90	.075	1.90	.025	1.85	.025	2.00
.150	1.52	.057	2.06	.150	2.00	.050	1.96	.050	1.98
.200	1.46	.086	2.00	.200	1.99	.075	2.00	.100	1.96
.300	1.51	.114	1.97	.300	1.99	.100	2.01	.150	1.95
.400	1.64	.172	1.87	.400	1.94	.150	1.99	.200	1.95
.500	1.43	.229	1.78	.500	1.93	.200	1.98	.250	1.92
.600	1.53	.286	1.74	.600	1.90	.250	1.89	.300	1.91
.700	1.29	.343	1.68	.700	1.86	.300	1.85	.400	1.90
.861	.38	.400	1.67	.861	1.59	.350	1.78	.500	1.85
		.458	1.62			.400	1.70	.600	1.86
		.571	1.58			.500	1.36	.703	1.85
		.686	1.53			.600	.62	.756	1.81
						.700	.52		

ALPHA = 17.97 DEGREES DYNAMIC PRESSURE = 10.940 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.97	0.000	-.66	.075	-.25	.025	.42	.025	-.24
.150	.49	.029	-1.52	.150	.31	.050	.36	.050	-.10
.200	-.01	.057	-1.57	.200	.19	.075	.11	.100	-.07
.300	-.22	.086	-1.47	.300	-.08	.100	-.08	.150	-.22
.400	-.35	.114	-1.57	.400	.06	.149	-.16	.200	-.18
.500	-.65	.172	-1.54	.500	.08	.200	-.20	.250	-.15
.600	-.59	.229	-1.06	.600	.17	.250	-.05	.300	.03
.700	-.60	.286	-.48	.700	.21	.300	-.14	.400	.03
.800	-.40	.343	.17	.800	.34	.350	-.14	.500	.14
		.400	.31			.400	-.15	.600	.09
		.458	.39			.500	.08	.703	.18
		.571	.32			.600	.10	.826	.20
		.686	.27			.700	.10		
		.801	.35			.800	.27		
		.915	.38						
		.967	.43						
		.994	.35						
				LOWER	SURFACE				
.075	1.52	.029	1.92	.075	1.86	.025	1.95	.025	2.02
.150	1.64	.057	2.02	.150	2.02	.050	2.01	.050	2.02
.200	1.68	.086	2.00	.200	2.02	.075	2.04	.100	2.00
.300	1.68	.114	1.96	.300	2.02	.100	2.04	.150	1.99
.400	1.70	.172	1.90	.400	1.98	.150	2.03	.200	1.97
.500	1.66	.229	1.88	.500	1.97	.200	1.98	.250	1.95
.600	1.60	.286	1.78	.600	1.95	.250	1.90	.300	1.92
.700	1.27	.343	1.76	.700	1.88	.300	1.87	.400	1.88
.861	.34	.400	1.71	.861	1.65	.350	1.85	.500	1.86
		.458	1.68			.400	1.74	.600	1.87
		.571	1.66			.500	1.43	.703	1.89
		.686	1.63			.600	.68	.756	1.84
						.700	.59		

ALPHA = 19.85 DEGREES DYNAMIC PRESSURE = 10.918 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.77	0.000	-.73	.075	-.26	.025	.36	.025	-.25
.150	.12	.029	-1.63	.150	.32	.050	.37	.050	-.11
.200	-.19	.057	-1.67	.200	.10	.075	.03	.100	-.14
.300	-.52	.086	-1.61	.300	-.10	.100	-.10	.150	-.18
.400	-.68	.114	-1.65	.400	.16	.149	-.08	.200	-.11
.500	-.70	.172	-1.62	.500	.01	.200	-.30	.250	-.15
.600	-1.02	.229	-1.19	.600	.15	.250	-.11	.300	-.06
.700	-.67	.286	-.37	.700	.22	.300	-.20	.400	.02
.800	-.66	.343	.20	.800	.29	.350	-.26	.500	.04
		.400	.37			.400	-.19	.600	.09
		.458	.38			.500	-.01	.703	.11
		.571	.36			.600	.12	.826	.25
		.685	.36			.700	.12		
		.801	.50			.800	.34		
		.915	.43						
		.967	.38						
		.994	.37						
				LOWER	SURFACE				
.075	1.66	.029	1.89	.075	1.91	.025	1.83	.025	2.01
.150	1.72	.057	2.05	.150	2.05	.050	1.94	.050	2.07
.200	1.71	.086	2.03	.200	2.07	.075	2.02	.100	1.99
.300	1.74	.114	2.04	.300	2.00	.100	2.04	.150	1.99
.400	1.76	.172	1.94	.400	2.04	.150	2.01	.200	1.99
.500	1.65	.229	1.92	.500	1.96	.200	1.96	.250	1.98
.600	1.57	.286	1.81	.600	1.94	.250	1.92	.300	1.94
.700	1.24	.343	1.81	.700	1.91	.300	1.83	.400	1.91
.861	.25	.400	1.76	.861	1.65	.350	1.81	.500	1.90
		.458	1.77			.400	1.73	.600	1.87
		.571	1.72			.500	1.42	.703	1.88
		.686	1.65			.600	.66	.756	1.85
						.700	.54		


Double-slotted flap; $\delta_f = 50°$, $\delta_s = 60°$
$C_T = 0.81$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.292$
α = -3.75°
α = -5.81°
α = 4.44°
α = 2.32°
α = 12.32°
α = 10.31°
α = 19.99°
α = 18.10°
α = -1.73°
α = .52°
α = 6.37°
α = 8.28°
α = 14.24°
α = 16.24°
C_p
x/c

ALPHA = -5.81 DEGREES DYNAMIC PRESSURE = 10.914 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.82	0.000	-3.06	.075	-1.55	.025	-.95	.025	-2.46
.150	2.00	.029	-2.01	.150	-2.27	.050	-1.27	.050	-2.57
.200	2.00	.057	-1.26	.200	-2.74	.075	-2.04	.100	-2.65
.300	1.54	.086	-1.35	.300	-3.43	.100	-2.57	.150	-2.80
.400	1.41	.114	-.84	.400	-3.42	.149	-3.18	.200	-2.93
.500	1.06	.172	-.54	.500	-3.43	.200	-3.26	.250	-2.67
.600	.86	.229	-.44	.600	-3.21	.250	-3.44	.300	-2.24
.700	.70	.286	-.33	.700	-2.54	.300	-3.54	.400	-1.88
.800	.49	.343	-.25	.800	-2.01	.350	-3.55	.500	-1.31
		.400	-.18			.400	-3.13	.600	-1.22
		.458	-.20			.500	-2.54	.703	-1.32
		.571	-.20			.600	-2.03	.826	-1.39
		.686	-.39			.700	-1.77		
		.801	-.60			.800	-1.38		
		.915	-.98						
		.967	-1.47						
		.994	-1.65						
				LOWER	SURFACE				
.075	-.28	.029	.15	.075	1.58	.025	1.66	.025	2.28
.150	-.37	.057	1.59	.150	1.97	.050	1.89	.050	2.42
.200	-.31	.086	1.94	.200	2.01	.075	2.07	.100	2.26
.300	-.30	.114	1.86	.300	2.00	.100	2.00	.150	2.58
.400	-.34	.172	1.64	.400	2.00	.150	2.12	.200	2.71
.500	-.21	.229	1.56	.500	1.95	.200	2.09	.250	2.74
.600	-.15	.286	1.52	.600	1.93	.250	2.06	.300	2.79
.700	.10	.343	1.48	.700	1.84	.300	1.94	.400	3.09
.861	-.40	.400	1.50	.861	1.42	.350	2.02	.500	3.09
		.458	1.51			.400	1.93	.600	3.63
		.571	1.50			.500	1.49	.703	4.33
		.686	1.53			.600	-.31	.756	4.52
						.700	-.65		

ALPHA = -3.75 DEGREES DYNAMIC PRESSURE = 10.926 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.99	0.000	-3.84	.075	-1.73	.025	-1.03	.025	-2.62
.150	1.97	.029	-3.53	.150	-2.47	.050	-1.36	.050	-2.61
.200	1.81	.057	-2.09	.200	-2.97	.075	-2.15	.100	-2.79
.300	1.53	.086	-1.39	.300	-3.61	.100	-2.68	.150	-2.85
.400	1.12	.114	-1.16	.400	-3.57	.149	-3.26	.200	-2.91
.500	.93	.172	-.64	.500	-3.56	.200	-3.37	.250	-2.64
.600	.40	.229	-.69	.600	-3.30	.250	-3.43	.300	-2.21
.700	.31	.286	-.54	.700	-2.77	.300	-3.70	.400	-1.91
.800	.26	.343	-.36	.800	-2.07	.350	-3.62	.500	-1.32
		.400	-.33			.400	-3.30	.600	-1.28
		.458	-.34			.500	-2.60	.703	-1.34
		.571	-.41			.600	-2.14	.826	-1.44
		.686	-.49			.700	-1.75		
		.801	-.66			.800	-1.44		
		.915	-1.07						
		.967	-1.57						
		.994	-1.74						
				LOWER	SURFACE				
.075	-.21	.029	1.21	.075	1.55	.025	1.68	.025	2.28
.150	-.23	.057	1.86	.150	1.93	.050	1.86	.050	2.47
.200	-.24	.086	1.96	.200	1.99	.075	2.08	.100	2.35
.300	-.23	.114	1.87	.300	2.02	.100	1.99	.150	2.57
.400	-.33	.172	1.71	.400	1.97	.150	2.08	.200	2.60
.500	-.24	.229	1.63	.500	1.99	.200	2.12	.250	2.99
.600	.30	.286	1.54	.600	1.93	.250	2.06	.300	2.84
.700	.41	.343	1.54	.700	1.79	.300	1.89	.400	3.37
.861	-.85	.400	1.50	.861	1.38	.350	2.01	.500	3.02
		.458	1.53			.400	1.97	.600	3.63
		.571	1.53			.500	1.46	.703	4.33
		.686	1.55			.600	-.21	.756	4.72
						.700	-.72		

ALPHA = -1.74 DEGREES DYNAMIC PRESSURE = 10.919 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.98	0.000	-3.91	.075	-1.79	.025	-1.07	.025	-2.81
.150	1.85	.029	-4.68	.150	-2.67	.050	-1.44	.050	-2.64
.200	1.64	.057	-2.56	.200	-3.12	.075	-2.23	.100	-2.75
.300	1.32	.086	-1.79	.300	-3.78	.100	-2.80	.150	-2.87
.400	.89	.114	-1.42	.400	-3.69	.149	-3.31	.200	-2.73
.500	.76	.172	-.79	.500	-3.71	.200	-3.46	.250	-2.57
.600	.36	.229	-.75	.600	-3.44	.250	-3.57	.300	-2.23
.700	-.04	.286	-.74	.700	-2.93	.300	-3.83	.400	-1.92
.800	-.24	.343	-.62	.800	-2.24	.350	-3.78	.500	-1.33
		.400	-.42			.400	-3.29	.600	-1.22
		.458	-.44			.500	-2.68	.703	-1.34
		.571	-.48			.600	-2.22	.826	-1.42
		.686	-.61			.700	-1.90		
		.801	-.72			.800	-1.46		
		.915	-1.16						
		.967	-1.65						
		.994	-1.83						
				LOWER	SURFACE				
.075	-.12	.029	1.03	.075	1.58	.025	1.68	.025	2.33
.150	-.14	.057	1.88	.150	1.94	.050	1.84	.050	2.47
.200	-.23	.086	1.97	.200	2.00	.075	2.06	.100	2.34
.300	-.28	.114	1.87	.300	2.02	.100	1.98	.150	2.54
.400	-.38	.172	1.76	.400	2.04	.150	2.10	.200	2.67
.500	-.03	.229	1.62	.500	1.99	.200	2.11	.250	2.85
.600	.62	.286	1.57	.600	1.91	.250	2.03	.300	2.95
.700	.77	.343	1.57	.700	1.82	.300	1.93	.400	3.07
.861	-.74	.400	1.58	.861	1.39	.350	2.00	.500	3.18
		.458	1.56			.400	1.92	.600	3.87
		.571	1.53			.500	1.50	.703	4.41
		.686	1.56			.600	-.07	.756	4.63
						.700	-.62		

ALPHA = .52 DEGREES DYNAMIC PRESSURE = 10.909 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.85	0.000	-3.95	.075	-1.73	.025	-.91	.025	-2.87
.150	1.63	.029	-5.67	.150	-2.68	.050	-1.43	.050	-2.56
.200	1.46	.057	-2.91	.200	-3.17	.075	-2.24	.100	-2.78
.300	.83	.086	-2.19	.300	-3.81	.100	-2.75	.150	-2.78
.400	.51	.114	-1.71	.400	-3.70	.149	-3.24	.200	-2.67
.500	.07	.172	-1.13	.500	-3.64	.200	-3.28	.250	-2.59
.600	-.40	.229	-1.06	.600	-3.49	.250	-3.55	.300	-2.28
.700	-.41	.286	-.88	.700	-2.94	.300	-3.78	.400	-1.87
.800	-.59	.343	-.73	.800	-2.25	.350	-3.75	.500	-1.29
		.400	-.58			.400	-3.36	.600	-1.27
		.458	-.56			.500	-2.70	.703	-1.36
		.571	-.55			.600	-2.12	.826	-1.41
		.686	-.67			.700	-1.88		
		.801	-.84			.800	-1.45		
		.915	-1.26						
		.967	-1.76						
		.994	-1.87						
				LOWER	SURFACE				
.075	.24	.029	1.42	.075	1.57	.025	1.67	.025	2.44
.150	.08	.057	1.94	.150	1.92	.050	1.83	.050	2.56
.200	.22	.086	1.98	.200	1.98	.075	2.06	.100	2.47
.300	.01	.114	1.93	.300	2.01	.100	1.99	.150	2.76
.400	.15	.172	1.80	.400	2.01	.150	2.13	.200	2.78
.500	.42	.229	1.73	.500	2.00	.200	2.13	.250	2.82
.600	.97	.286	1.64	.600	1.91	.250	2.13	.300	2.96
.700	.69	.343	1.65	.700	1.81	.300	1.97	.400	3.39
.861	-1.35	.400	1.61	.861	1.38	.350	2.05	.500	3.22
		.458	1.60			.400	1.99	.600	3.76
		.571	1.61			.500	1.56	.703	4.70
		.686	1.60			.600	-.27	.756	4.84
						.700	-.73		

ALPHA = 2.32 DEGREES DYNAMIC PRESSURE = 10.957 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.79	0.000	-4.12	.075	-1.79	.025	-.87	.025	-2.71
.150	1.44	.029	-6.35	.150	-2.64	.050	-1.40	.050	-2.73
.200	1.10	.057	-3.46	.200	-3.11	.075	-2.14	.100	-2.75
.300	.45	.086	-2.58	.300	-3.69	.100	-2.57	.150	-2.67
.400	.06	.114	-2.03	.400	-3.66	.149	-3.16	.200	-2.72
.500	-.18	.172	-1.31	.500	-3.72	.200	-3.32	.250	-2.54
.600	-.59	.229	-1.18	.600	-3.41	.250	-3.40	.300	-2.20
.700	-.88	.286	-1.07	.700	-2.90	.300	-3.67	.400	-1.83
.800	-.96	.343	-.87	.800	-2.15	.350	-3.49	.500	-1.16
		.400	-.77			.400	-2.97	.600	-1.04
		.458	-.72			.500	-2.39	.703	-1.14
		.571	-.66			.600	-1.96	.826	-1.31
		.686	-.74			.700	-1.72		
		.801	-.85			.800	-1.14		
		.915	-1.28						
		.967	-1.74						
		.994	-1.96						
				LOWER	SURFACE				
.075	.50	.029	1.54	.075	1.56	.025	1.60	.025	2.32
.150	.60	.057	1.89	.150	1.92	.050	1.89	.050	2.53
.200	.41	.086	1.95	.200	2.01	.075	2.04	.100	2.55
.300	.24	.114	1.91	.300	1.98	.100	1.95	.150	2.64
.400	.48	.172	1.78	.400	1.94	.150	2.07	.200	2.86
.500	1.07	.229	1.73	.500	1.94	.200	2.10	.250	3.14
.600	.97	.286	1.70	.600	1.91	.250	2.08	.300	3.29
.700	.57	.343	1.67	.700	1.80	.300	1.93	.400	3.44
.861	-1.91	.400	1.64	.861	1.38	.350	2.07	.500	3.18
		.458	1.64			.400	1.99	.600	3.95
		.571	1.61			.500	1.56	.703	4.87
		.686	1.63			.600	-.20	.756	4.93
						.700	-.69		

ALPHA = 4.44 DEGREES DYNAMIC PRESSURE = 10.924 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.71	0.000	-4.34	.075	-1.88	.025	-.89	.025	-2.86
.150	1.06	.029	-7.22	.150	-2.65	.050	-1.38	.050	-2.97
.200	.66	.057	-3.97	.200	-3.09	.075	-2.13	.100	-2.95
.300	.35	.086	-2.77	.300	-3.86	.100	-2.66	.150	-2.77
.400	-.30	.114	-2.32	.400	-3.71	.149	-3.18	.200	-2.85
.500	-.73	.172	-1.61	.500	-3.66	.200	-3.18	.250	-2.54
.600	-1.17	.229	-1.41	.600	-3.38	.250	-3.25	.300	-2.13
.700	-1.23	.286	-1.23	.700	-2.82	.300	-3.52	.400	-1.74
.800	-1.25	.343	-1.02	.800	-2.18	.350	-3.51	.500	-1.19
		.400	-.89			.400	-3.08	.600	-1.09
		.458	-.86			.500	-2.41	.703	-1.25
		.571	-.76			.600	-1.76	.826	-1.37
		.686	-.83			.700	-1.50		
		.801	-.96			.800	-1.12		
		.915	-1.25						
		.967	-1.75						
		.994	-1.83						
				LOWER	SURFACE				
.075	.55	.029	1.50	.075	1.53	.025	1.55	.025	2.42
.150	.62	.057	1.86	.150	1.91	.050	1.82	.050	2.50
.200	.64	.086	1.96	.200	1.97	.075	1.98	.100	2.47
.300	.87	.114	1.87	.300	1.99	.100	1.84	.150	2.68
.400	1.05	.172	1.80	.400	1.97	.150	2.09	.200	3.10
.500	1.07	.229	1.77	.500	1.93	.200	2.11	.250	3.54
.600	.97	.286	1.70	.600	1.87	.250	2.04	.300	3.08
.700	.12	.343	1.70	.700	1.78	.300	1.88	.400	3.52
.861	-2.31	.400	1.65	.861	1.44	.350	2.03	.500	3.48
		.458	1.64			.400	1.93	.600	4.07
		.571	1.63			.500	1.54	.703	4.92
		.686	1.60			.600	-.47	.756	5.23
						.700	-.73		

ALPHA = 6.38 DEGREES DYNAMIC PRESSURE = 10.901 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.48	0.000	-1.58	.075	-1.30	.025	-.47	.025	-2.88
.150	.85	.029	-2.64	.150	-2.00	.050	-.91	.050	-2.71
.200	.44	.057	-2.72	.200	-2.46	.075	-1.70	.100	-2.80
.300	-.21	.086	-2.47	.300	-2.57	.100	-1.85	.150	-2.86
.400	-.32	.114	-2.66	.400	-2.77	.149	-2.45	.200	-2.57
.500	-.74	.172	-2.61	.500	-2.45	.200	-2.12	.250	-2.22
.600	-1.09	.229	-2.48	.600	-2.28	.250	-2.26	.300	-1.85
.700	-1.05	.286	-2.17	.700	-2.14	.300	-2.63	.400	-1.48
.800	-.98	.343	-1.64	.800	-1.57	.350	-2.53	.500	-.89
		.400	-1.36			.400	-2.23	.600	-.87
		.458	-1.12			.500	-1.56	.703	-.94
		.571	-.81			.600	-1.15	.826	-1.24
		.686	-.78			.700	-1.15		
		.801	-.76			.800	-.75		
		.915	-.92						
		.967	-1.23						
		.994	-1.20						
				LOWER	SURFACE				
.075	1.30	.029	1.73	.075	1.57	.025	1.61	.025	2.45
.150	1.19	.057	1.93	.150	1.88	.050	1.80	.050	2.61
.200	1.35	.086	1.92	.200	1.95	.075	1.98	.100	2.59
.300	1.40	.114	1.86	.300	1.97	.100	1.99	.150	2.82
.400	1.46	.172	1.84	.400	1.94	.150	2.11	.200	3.19
.500	1.43	.229	1.77	.500	1.96	.200	2.09	.250	3.04
.600	1.29	.286	1.74	.600	1.89	.250	2.02	.300	3.15
.700	.93	.343	1.71	.700	1.83	.300	1.92	.400	3.42
.861	-.28	.400	1.68	.861	1.49	.350	2.04	.500	3.52
		.458	1.65			.400	1.99	.600	4.20
		.571	1.62			.500	1.48	.703	4.93
		.686	1.65			.600	-.23	.756	5.21
						.700	-.50		

ALPHA = 8.29 DEGREES DYNAMIC PRESSURE = 10.941 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.99	0.000	-1.30	.075	-.74	.025	-.01	.025	-3.08
.150	.96	.029	-2.39	.150	-1.14	.050	-.26	.050	-2.49
.200	.23	.057	-2.58	.200	-2.17	.075	-1.43	.100	-2.64
.300	-.44	.086	-2.51	.300	-2.38	.100	-1.60	.150	-2.66
.400	-.82	.114	-2.61	.400	-2.21	.149	-1.89	.200	-2.59
.500	-.91	.172	-2.62	.500	-2.29	.200	-2.00	.250	-2.27
.600	-1.19	.229	-2.56	.600	-2.08	.250	-2.02	.300	-1.79
.700	-1.23	.286	-2.17	.700	-1.27	.300	-1.62	.400	-1.23
.800	-1.11	.343	-1.77	.800	-1.30	.350	-2.12	.500	-.80
		.400	-1.49			.400	-2.00	.600	-.85
		.458	-1.34			.500	-1.28	.703	-.89
		.571	-.94			.600	-1.03	.826	-1.23
		.686	-.82			.700	-.90		
		.801	-.73			.800	-.52		
		.915	-.93						
		.967	-1.15						
		.994	-1.33						
				LOWER	SURFACE				
.075	1.18	.029	1.74	.075	1.56	.025	1.59	.025	2.46
.150	1.37	.057	1.92	.150	1.86	.050	1.78	.050	2.72
.200	1.38	.086	1.91	.200	1.95	.075	2.03	.100	2.67
.300	1.50	.114	1.86	.300	1.97	.100	1.95	.150	2.93
.400	1.51	.172	1.82	.400	1.95	.150	2.08	.200	2.83
.500	1.44	.229	1.77	.500	1.96	.200	2.07	.250	3.16
.600	1.30	.286	1.74	.600	1.93	.250	2.02	.300	3.23
.700	.89	.343	1.74	.700	1.83	.300	1.84	.400	3.58
.861	-.22	.400	1.71	.861	1.57	.350	1.99	.500	3.77
		.458	1.67			.400	1.96	.600	4.12
		.571	1.67			.500	1.50	.703	4.85
		.686	1.65			.600	-.32	.756	5.32
						.700	-.69		

ALPHA = 10.32 DEGREES DYNAMIC PRESSURE = 10.937 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.38	0.000	-.98	.075	-.21	.025	.13	.025	-2.76
.150	.59	.029	-2.27	.150	-1.13	.050	-.26	.050	-2.69
.200	.45	.057	-1.92	.200	-.80	.075	-.35	.100	-2.50
.300	.03	.086	-1.99	.300	-1.22	.100	-.72	.150	-2.34
.400	-.22	.114	-1.85	.400	-.91	.149	-.87	.200	-2.38
.500	-.24	.172	-1.55	.500	-.66	.200	-.65	.250	-1.95
.600	-.71	.229	-1.44	.600	-.50	.250	-.68	.300	-1.54
.700	-.80	.286	-1.31	.700	-.58	.300	-.90	.400	-1.05
.800	-.66	.343	-.71	.800	-.35	.350	-.90	.500	-.58
		.400	-.34			.400	-.78	.600	-.64
		.458	-.13			.500	-.52	.703	-.82
		.571	-.09			.600	-.29	.826	-1.04
		.686	-.14			.700	-.23		
		.801	-.17			.800	-.23		
		.915	-.21						
		.967	-.20						
		.994	-.23						
				LOWER	SURFACE				
.075	1.28	.029	1.81	.075	1.61	.025	1.76	.025	2.42
.150	1.24	.057	1.96	.150	1.93	.050	1.91	.050	2.68
.200	1.27	.086	1.98	.200	2.00	.075	2.06	.100	2.59
.300	1.55	.114	1.93	.300	2.01	.100	2.03	.150	2.86
.400	1.60	.172	1.85	.400	2.03	.150	2.12	.200	2.94
.500	1.56	.229	1.78	.500	2.02	.200	2.12	.250	3.11
.600	1.43	.286	1.82	.600	2.00	.250	2.04	.300	3.19
.700	1.08	.343	1.77	.700	1.93	.300	1.92	.400	3.55
.861	.00	.400	1.73	.861	1.73	.350	2.03	.500	3.59
		.459	1.71			.400	1.99	.600	4.26
		.571	1.70			.500	1.53	.703	5.22
		.686	1.73			.600	.05	.756	5.27
						.700	-.36		

ALPHA = 12.32 DEGREES DYNAMIC PRESSURE = 10.927 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.88	0.000	-.95	.075	-.02	.025	.18	.025	-3.07
.150	.68	.029	-1.98	.150	-.49	.050	.04	.050	-2.54
.200	.25	.057	-1.91	.200	-.76	.075	-.42	.100	-2.36
.300	-.43	.086	-1.97	.300	-.94	.100	-.60	.150	-2.49
.400	-.46	.114	-1.88	.400	-.63	.149	-.65	.200	-2.09
.500	-.62	.172	-1.78	.500	-.58	.200	-.64	.250	-1.95
.600	-.72	.229	-1.46	.600	-.51	.250	-.68	.300	-1.44
.700	-.75	.286	-1.18	.700	-.39	.300	-.89	.400	-1.20
.800	-.61	.343	-.52	.800	-.14	.350	-.76	.500	-.48
		.400	-.33			.400	-.56	.600	-.53
		.458	.01			.500	-.37	.703	-.61
		.571	.04			.600	-.26	.826	-1.00
		.686	-.11			.700	-.25		
		.801	-.14			.800	-.09		
		.915	-.16						
		.967	-.13						
		.994	-.13						
				LOWER	SURFACE				
.075	1.37	.029	1.76	.075	1.60	.025	1.73	.025	2.62
.150	1.54	.057	2.00	.150	1.94	.050	1.93	.050	2.70
.200	1.54	.086	2.01	.200	2.00	.075	2.09	.100	2.68
.300	1.63	.114	1.96	.300	2.05	.100	1.99	.150	2.91
.400	1.60	.172	1.92	.400	2.04	.150	2.13	.200	3.18
.500	1.55	.229	1.88	.500	2.01	.200	2.13	.250	3.44
.600	1.48	.286	1.85	.600	2.04	.250	2.08	.300	3.49
.700	1.11	.343	1.78	.700	1.99	.300	1.95	.400	3.92
.861	-.24	.400	1.78	.861	1.66	.350	2.10	.500	3.85
		.458	1.78			.400	2.01	.600	4.32
		.571	1.76			.500	1.60	.703	5.21
		.686	1.76			.600	-.09	.756	5.23
						.700	-.39		

ALPHA = 14.24 DEGREES DYNAMIC PRESSURE = 10.964 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.62	0.000	-.83	.075	.18	.025	.31	.025	-3.16
.150	.38	.029	-1.95	.150	-.32	.050	.07	.050	-2.62
.200	-.14	.057	-1.93	.200	-.53	.075	-.28	.100	-2.47
.300	-.39	.086	-1.76	.300	-.61	.100	-.40	.150	-2.37
.400	-.60	.114	-1.84	.400	-.62	.149	-.77	.200	-2.39
.500	-.77	.172	-1.75	.500	-.52	.200	-.69	.250	-2.08
.600	-1.10	.229	-1.65	.600	-.39	.250	-.60	.300	-1.52
.700	-.86	.286	-1.23	.700	-.35	.300	-.82	.400	-1.03
.800	-.90	.343	-.52	.800	-.07	.350	-.62	.500	-.47
		.400	-.17			.400	-.54	.600	-.42
		.459	-.04			.500	-.44	.703	-.65
		.571	-.00			.600	-.32	.826	-1.03
		.686	-.04			.700	-.14		
		.801	-.08			.800	-.06		
		.915	.05						
		.967	-.05						
		.994	-.35						
				LOWER	SURFACE				
.075	1.51	.029	1.43	.075	1.69	.025	1.71	.025	2.53
.150	1.69	.057	1.98	.150	1.95	.050	1.91	.050	2.87
.200	1.68	.086	1.99	.200	2.03	.075	2.12	.100	2.89
.300	1.65	.114	1.97	.300	2.07	.100	2.02	.150	3.13
.400	1.65	.172	1.95	.400	2.03	.150	2.17	.200	3.18
.500	1.63	.229	1.91	.500	2.04	.200	2.15	.250	3.49
.600	1.51	.286	1.84	.600	2.06	.250	2.10	.300	3.43
.700	1.16	.343	1.83	.700	2.01	.300	1.98	.400	3.79
.861	.05	.400	1.79	.861	1.82	.350	2.11	.500	3.96
		.458	1.78			.400	2.01	.600	4.39
		.571	1.80			.500	1.78	.703	5.08
		.686	1.82			.600	-.15	.756	5.52
						.700	-.38		

ALPHA = 16.25 DEGREES DYNAMIC PRESSURE = 10.941 LBF/SQ.FT.

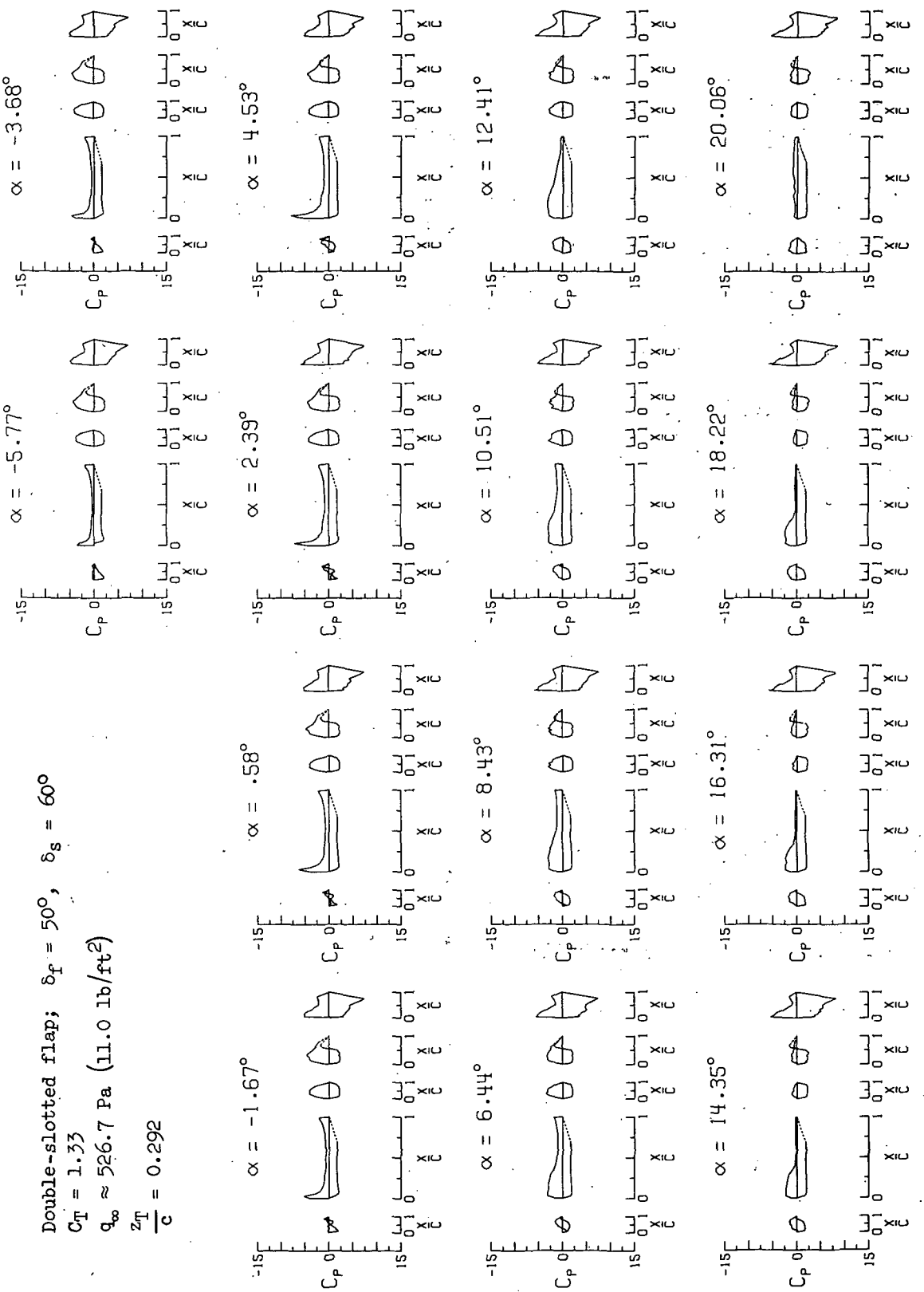
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.16	0.000	-1.09	.075	.15	.025	.28	.025	-3.25
.150	.12	.029	-1.99	.150	-.42	.050	-.02	.050	-2.46
.200	-.50	.057	-1.96	.200	-.44	.075	-.31	.100	-2.49
.300	-.85	.086	-1.91	.300	-.57	.100	-.53	.150	-2.47
.400	-.86	.114	-1.99	.400	-.45	.149	-.69	.200	-2.24
.500	-.99	.172	-1.81	.500	-.36	.200	-.51	.250	-1.90
.600	-1.07	.229	-1.70	.600	-.39	.250	-.63	.300	-1.53
.700	-1.01	.286	-1.27	.700	-.16	.300	-.67	.400	-.94
.800	-.89	.343	-.37	.800	-.06	.350	-.62	.500	-.91
		.400	-.03			.400	-.47	.600	-.31
		.458	.00			.500	-.32	.703	-.57
		.571	-.09			.600	-.23	.826	-.91
		.686	-.11			.700	-.18		
		.801	-.01			.800	-.15		
		.915	-.14						
		.967	-.09						
		.994	-.04						
				LOWER	SURFACE				
.075	1.76	.029	1.76	.075	1.71	.025	1.82	.025	2.84
.150	1.78	.057	1.96	.150	1.97	.050	1.84	.050	3.14
.200	1.79	.086	2.02	.200	2.04	.075	2.06	.100	2.79
.300	1.73	.114	1.98	.300	2.07	.100	1.99	.150	3.34
.400	1.72	.172	1.97	.400	2.07	.150	2.15	.200	3.52
.500	1.64	.229	1.95	.500	2.08	.200	2.18	.250	3.56
.600	1.49	.286	1.85	.600	2.04	.250	2.11	.300	3.71
.700	1.15	.343	1.87	.700	2.03	.300	2.01	.400	4.06
.861	.10	.400	1.82	.861	1.83	.350	2.17	.500	4.05
		.458	1.82			.400	2.04	.600	4.61
		.571	1.78			.500	1.82	.703	5.37
		.686	1.93			.600	-.17	.756	5.48
						.700	-.42		

ALPHA = 19.10 DEGREES DYNAMIC PRESSURE = 10.954 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.57	0.000	-1.17	.075	-.10	.025	.09	.025	-3.35
.150	-.80	.029	-2.02	.150	-.28	.050	-.04	.050	-2.88
.200	-.80	.057	-1.95	.200	-.39	.075	-.26	.100	-2.56
.300	-1.26	.086	-2.07	.300	-.79	.100	-.61	.150	-2.47
.400	-2.03	.114	-1.90	.400	-.34	.149	-.57	.200	-2.30
.500	-1.30	.172	-1.96	.500	-.37	.200	-.60	.250	-1.96
.600	-1.30	.229	-1.67	.600	-.30	.250	-.56	.300	-1.48
.700	-1.27	.286	-1.43	.700	-.43	.300	-.99	.400	-1.10
.800	-1.07	.343	-.14	.800	.02	.350	-.56	.500	-.31
		.400	.06			.400	-.37	.600	-.27
		.458	.04			.500	-.31	.703	-.50
		.571	.11			.600	-.18	.826	-.87
		.686	-.05			.700	-.27		
		.901	-.11			.800	-.12		
		.915	-.04						
		.967	.02						
		.994	-.00						
				LOWER	SURFACE				
.075	1.90	.029	1.76	.075	1.73	.025	1.75	.025	2.84
.150	1.78	.057	2.01	.150	1.99	.050	1.92	.050	3.09
.200	1.81	.086	2.02	.200	2.05	.075	2.07	.100	3.05
.300	1.80	.114	2.02	.300	2.11	.100	2.00	.150	3.29
.400	1.72	.172	2.01	.400	2.10	.150	2.19	.200	3.61
.500	1.67	.229	1.95	.500	2.11	.200	2.14	.250	3.70
.600	1.53	.286	1.95	.600	2.12	.250	2.15	.300	3.77
.700	1.16	.343	1.93	.700	2.07	.300	2.06	.400	4.04
.861	-.05	.400	1.92	.861	1.79	.350	2.15	.500	4.05
		.458	1.94			.400	2.14	.600	4.76
		.571	1.87			.500	1.79	.703	5.27
		.686	1.86			.600	-.37	.756	5.52
						.700	-.32		

ALPHA = 20.00 DEGREES DYNAMIC PRESSURE = 10.930 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.58	0.000	-1.25	.075	-.17	.025	.05	.025	-3.25
.150	-1.19	.029	-2.27	.150	-.65	.050	-.22	.050	-2.88
.200	-1.18	.057	-2.21	.200	-.78	.075	-.51	.100	-2.74
.300	-1.59	.086	-2.10	.300	-.54	.100	-.49	.150	-2.48
.400	-1.99	.114	-2.23	.400	-.44	.149	-.76	.200	-2.31
.500	-1.49	.172	-2.01	.500	-.43	.200	-.64	.250	-1.91
.600	-1.69	.229	-1.88	.600	-.36	.250	-.66	.300	-1.48
.700	-1.12	.286	-1.09	.700	-.05	.300	-.51	.400	-.86
.800	-1.04	.343	-.41	.800	-.28	.350	-.86	.500	-.43
		.400	-.04			.400	-.50	.600	-.37
		.458	-.04			.500	-.43	.703	-.53
		.571	-.23			.600	-.21	.826	-.86
		.686	.09			.700	-.05		
		.801	-.09			.800	-.12		
		.915	.09						
		.967	.21						
		.994	-.07						
				LOWER	SURFACE				
.075	1.98	.029	1.81	.075	1.76	.025	1.65	.025	3.04
.150	1.90	.057	1.98	.150	2.02	.050	1.94	.050	3.57
.200	1.83	.086	2.00	.200	2.03	.075	2.09	.100	3.31
.300	1.85	.114	2.01	.300	2.10	.100	2.07	.150	3.36
.400	1.74	.172	2.06	.400	2.09	.150	2.19	.200	3.74
.500	1.69	.229	2.01	.500	2.17	.200	2.22	.250	3.87
.600	1.57	.286	1.94	.600	2.16	.250	2.16	.300	3.87
.700	1.12	.343	1.98	.700	2.03	.300	2.12	.400	4.40
.861	.05	.400	1.94	.861	1.92	.350	2.20	.500	4.02
		.458	1.94			.400	2.27	.600	4.80
		.571	1.96			.500	2.10	.703	5.41
		.686	1.95			.600	-.29	.756	5.80
						.700	-.34		


Double-slotted flap; $\delta_f = 50°$, $\delta_s = 60°$
$C_T = 1.33$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.292$
α = -5.77°
α = -3.68°
α = -1.67°
α = .58°
α = 2.39°
α = 4.53°
α = 6.44°
α = 8.43°
α = 10.51°
α = 12.41°
α = 14.35°
α = 16.31°
α = 18.22°
α = 20.06°
C_p
x/c

ALPHA = -5.77 DEGREES DYNAMIC PRESSURE = 10.941 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.91	0.000	-3.68	.075	-1.82	.025	-1.22	.025	-2.76
.150	2.02	.029	-3.01	.150	-2.64	.050	-1.64	.050	-4.73
.200	1.98	.057	-1.70	.200	-3.15	.075	-2.56	.100	-4.76
.300	1.63	.086	-1.22	.300	-3.84	.100	-3.15	.150	-4.99
.400	1.40	.114	-.92	.400	-3.67	.149	-3.65	.200	-4.59
.500	.90	.172	-.67	.500	-3.88	.200	-3.91	.250	-4.32
.600	.79	.229	-.52	.600	-3.58	.250	-4.06	.300	-3.67
.700	.49	.286	-.50	.700	-3.04	.300	-4.37	.400	-2.94
.800	.22	.343	-.43	.800	-2.47	.350	-4.42	.500	-2.06
		.400	-.30			.400	-4.01	.600	-1.99
		.458	-.35			.500	-3.34	.703	-2.16
		.571	-.39			.600	-2.71	.826	-2.39
		.686	-.45			.700	-2.39		
		.801	-.65			.800	-2.00		
		.915	-1.08						
		.967	-1.74						
		.994	-1.89						
				LOWER	SURFACE				
.075	-.32	.029	-.06	.075	1.50	.025	1.55	.025	2.57
.150	-.25	.057	1.74	.150	1.93	.050	1.87	.050	2.80
.200	-.29	.086	2.00	.200	2.02	.075	2.14	.100	2.89
.300	-.31	.114	1.87	.300	2.10	.100	2.05	.150	3.20
.400	-.33	.172	1.67	.400	2.03	.150	2.21	.200	3.28
.500	-.29	.229	1.59	.500	2.03	.200	2.21	.250	3.60
.600	-.09	.286	1.52	.600	2.03	.250	2.14	.300	3.76
.700	.01	.343	1.51	.700	1.91	.300	1.95	.400	4.44
.861	-.48	.400	1.52	.861	1.48	.350	2.15	.500	4.37
		.458	1.54			.400	2.07	.600	5.34
		.571	1.54			.500	1.44	.703	6.57
		.686	1.58			.600	-1.31	.756	6.97
						.700	-1.72		

ALPHA = -3.69 DEGREES DYNAMIC PRESSURE = 10.964 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.91	0.000	-3.70	.075	-1.88	.025	-1.24	.025	-5.16
.150	1.85	.029	-4.67	.150	-2.77	.050	-1.81	.050	-4.85
.200	1.77	.057	-2.28	.200	-3.30	.075	-2.66	.100	-5.08
.300	1.40	.086	-1.62	.300	-3.99	.100	-3.27	.150	-5.17
.400	1.08	.114	-1.23	.400	-3.96	.149	-3.90	.200	-4.87
.500	.70	.172	-.88	.500	-4.08	.200	-4.07	.250	-4.40
.600	-.02	.229	-.86	.600	-3.76	.250	-4.22	.300	-3.86
.700	.27	.286	-.61	.700	-3.10	.300	-4.40	.400	-2.96
.800	-.17	.343	-.61	.800	-2.56	.350	-4.56	.500	-2.10
		.400	-.51			.400	-4.16	.600	-2.06
		.458	-.45			.500	-3.32	.703	-2.15
		.571	-.45			.600	-2.77	.826	-2.41
		.686	-.66			.700	-2.52		
		.801	-.76			.800	-2.03		
		.915	-1.24						
		.967	-1.81						
		.994	-1.97						
				LOWER	SURFACE				
.075	.07	.029	1.03	.075	1.48	.025	1.55	.025	2.59
.150	-.20	.057	1.92	.150	1.92	.050	1.85	.050	2.84
.200	-.21	.086	1.99	.200	2.00	.075	2.15	.100	2.75
.300	-.34	.114	1.89	.300	2.03	.100	2.04	.150	3.15
.400	-.19	.172	1.73	.400	2.07	.150	2.20	.200	3.25
.500	-.10	.229	1.64	.500	2.05	.200	2.20	.250	3.71
.600	.08	.286	1.62	.600	2.03	.250	2.17	.300	3.87
.700	.27	.343	1.58	.700	1.92	.300	1.96	.400	4.28
.861	-.78	.400	1.58	.861	1.49	.350	2.14	.500	4.25
		.458	1.58			.400	2.10	.600	5.19
		.571	1.57			.500	1.42	.703	5.76
		.686	1.58			.600	-1.40	.756	7.21
						.700	-1.77		

ALPHA = -1.67 DEGREES DYNAMIC PRESSURE = 10.911 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	2.01	0.000	-4.00	.075	-2.00	.025	-1.33	.025	.98
.150	1.77	.029	-5.26	.150	-2.88	.050	-1.88	.050	-5.25
.200	1.54	.057	-2.88	.200	-3.46	.075	-2.73	.100	-5.01
.300	1.23	.086	-1.91	.300	-4.19	.100	-3.40	.150	-5.14
.400	.70	.114	-1.58	.400	-4.18	.149	-4.06	.200	-4.98
.500	.32	.172	-1.09	.500	-4.19	.200	-4.15	.250	-4.47
.600	.01	.229	-.89	.600	-3.89	.250	-4.25	.300	-3.72
.700	-.35	.286	-.92	.700	-3.36	.300	-4.67	.400	-3.11
.800	-.34	.343	-.67	.800	-2.65	.350	-4.64	.500	-2.17
		.400	-.52			.400	-4.28	.600	-2.09
		.458	-.60			.500	-3.49	.703	-2.22
		.571	-.61			.600	-2.86	.826	-2.47
		.686	-.74			.700	-2.59		
		.801	-.86			.800	-2.14		
		.915	-1.36						
		.967	-1.91						
		.994	-2.09						
				LOWER	SURFACE				
.075	-.13	.029	1.24	.075	1.51	.025	1.50	.025	2.69
.150	-.14	.057	1.96	.150	1.94	.050	1.79	.050	2.95
.200	.06	.086	2.01	.200	2.03	.075	2.14	.100	2.92
.300	.02	.114	1.93	.300	2.08	.100	2.07	.150	3.27
.400	-.28	.172	1.78	.400	2.04	.150	2.20	.200	3.49
.500	.33	.229	1.70	.500	2.02	.200	2.23	.250	3.74
.600	.80	.286	1.66	.600	2.01	.250	2.18	.300	4.03
.700	.77	.343	1.66	.700	1.91	.300	1.98	.400	4.42
.861	-1.04	.400	1.61	.861	1.46	.350	2.18	.500	4.35
		.458	1.60			.400	2.12	.600	5.65
		.571	1.56			.500	1.58	.703	6.98
		.686	1.64			.600	-1.37	.756	7.32
						.700	-1.81		

ALPHA = .58 DEGREES DYNAMIC PRESSURE = 10.935 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.68	0.000	-4.02	.075	-1.94	.025	-1.11	.025	-4.70
.150	1.36	.029	-6.38	.150	-2.83	.050	-1.81	.050	-5.19
.200	.83	.057	-3.77	.200	-3.45	.075	-2.65	.100	-5.10
.300	.71	.086	-2.49	.300	-4.24	.100	-3.37	.150	-5.19
.400	.28	.114	-1.91	.400	-4.10	.149	-3.96	.200	-4.84
.500	-.08	.172	-1.28	.500	-4.20	.200	-4.11	.250	-4.36
.600	-.34	.229	-1.02	.600	-3.90	.250	-4.29	.300	-3.80
.700	-.75	.286	-1.06	.700	-3.46	.300	-4.76	.400	-3.15
.800	-.90	.343	-.90	.800	-2.69	.350	-4.56	.500	-2.09
		.400	-.66			.400	-4.08	.600	-2.00
		.458	-.71			.500	-3.23	.703	-2.10
		.571	-.70			.600	-2.82	.826	-2.46
		.686	-.83			.700	-2.55		
		.801	-1.00			.800	-2.17		
		.915	-1.47						
		.967	-2.03						
		.994	-2.20						
				LOWER	SURFACE				
.075	.28	.029	1.43	.075	1.52	.025	1.50	.025	2.72
.150	.42	.057	1.99	.150	1.91	.050	1.78	.050	3.23
.200	.29	.086	2.00	.200	2.04	.075	2.12	.100	2.96
.300	.21	.114	1.91	.300	2.07	.100	2.00	.150	3.34
.400	.32	.172	1.85	.400	2.04	.150	2.25	.200	3.78
.500	.59	.229	1.81	.500	2.04	.200	2.22	.250	4.04
.600	.98	.286	1.73	.600	2.03	.250	2.13	.300	4.04
.700	.68	.343	1.71	.700	1.86	.300	1.93	.400	4.76
.861	-1.39	.400	1.71	.861	1.45	.350	2.19	.500	4.36
		.458	1.68			.400	2.13	.600	5.70
		.571	1.68			.500	1.48	.703	6.95
		.686	1.69			.600	-1.32	.756	7.32
						.700	-1.74		

ALPHA = 2.40 DEGREES DYNAMIC PRESSURE = 10.964 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.85	0.000	-4.28	.075	-2.06	.025	-1.24	.025	-5.89
.150	1.09	.029	-7.24	.150	-2.94	.050	-1.93	.050	-5.52
.200	1.03	.057	-3.72	.200	-3.57	.075	-2.80	.100	-5.04
.300	.46	.086	-2.69	.300	-4.31	.100	-3.44	.150	-5.15
.400	.02	.114	-2.20	.400	-4.20	.149	-3.96	.200	-4.83
.500	-.20	.172	-1.40	.500	-4.25	.200	-4.14	.250	-4.32
.600	-.69	.229	-1.29	.600	-3.90	.250	-4.23	.300	-3.65
.700	-1.13	.286	-1.22	.700	-3.30	.300	-4.49	.400	-2.93
.800	-1.11	.343	-1.01	.800	-2.66	.350	-4.53	.500	-2.00
		.400	-.91			.400	-4.01	.600	-1.89
		.458	-.78			.500	-3.34	.703	-2.13
		.571	-.81			.600	-2.76	.826	-2.43
		.686	-.95			.700	-2.40		
		.801	-1.06			.800	-1.99		
		.915	-1.57						
		.967	-2.01						
		.994	-2.06						
				LOWER	SURFACE				
.075	.52	.029	1.43	.075	1.51	.025	1.42	.025	2.71
.150	.38	.057	1.88	.150	1.95	.050	1.77	.050	3.07
.200	.32	.086	1.95	.200	2.04	.075	1.99	.100	3.09
.300	.84	.114	1.89	.300	2.03	.100	2.02	.150	3.36
.400	.52	.172	1.81	.400	2.05	.150	2.15	.200	4.29
.500	1.15	.229	1.78	.500	1.99	.200	2.17	.250	3.90
.600	2.06	.286	1.71	.600	1.95	.250	2.08	.300	4.27
.700	.07	.343	1.64	.700	1.91	.300	1.91	.400	4.64
.861	-1.59	.400	1.72	.861	1.47	.350	2.18	.500	4.79
		.458	1.70			.400	2.07	.600	5.56
		.571	1.65			.500	1.60	.703	7.10
		.686	1.64			.600	-1.78	.756	7.11
						.700	-1.91		

ALPHA = 4.54 DEGREES DYNAMIC PRESSURE = 10.954 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.18	0.000	-4.82	.075	-2.05	.025	-1.09	.025	-3.99
.150	.80	.029	-7.87	.150	-2.94	.050	-1.81	.050	-5.20
.200	.07	.057	-4.70	.200	-3.53	.075	-2.68	.100	-5.09
.300	-.13	.086	-3.18	.300	-4.24	.100	-3.32	.150	-5.14
.400	-.70	.114	-2.58	.400	-4.02	.149	-3.67	.200	-4.71
.500	-.75	.172	-1.74	.500	-4.20	.200	-3.98	.250	-4.37
.600	-1.52	.229	-1.62	.600	-3.84	.250	-3.98	.300	-3.49
.700	-1.67	.286	-1.51	.700	-3.34	.300	-4.36	.400	-2.78
.800	-1.45	.343	-1.22	.800	-2.70	.350	-4.46	.500	-1.94
		.400	-1.03			.400	-4.07	.600	-1.92
		.458	-1.07			.500	-3.04	.703	-1.99
		.571	-1.02			.600	-2.43	.826	-2.31
		.686	-1.08			.700	-1.98		
		.801	-1.15			.800	-1.75		
		.915	-1.56						
		.967	-2.11						
		.994	-2.13						
				LOWER	SURFACE				
.075	.45	.029	1.57	.075	1.49	.025	1.41	.025	2.89
.150	.97	.057	1.87	.150	1.88	.050	1.71	.050	3.11
.200	1.15	.086	1.92	.200	1.95	.075	1.95	.100	3.33
.300	1.29	.114	1.89	.300	1.99	.100	1.98	.150	3.84
.400	1.21	.172	1.86	.400	2.01	.150	2.13	.200	4.19
.500	1.08	.229	1.81	.500	2.01	.200	2.15	.250	4.18
.600	.88	.286	1.72	.600	1.95	.250	2.13	.300	4.44
.700	.00	.343	1.69	.700	1.88	.300	1.95	.400	5.27
.861	-2.14	.400	1.73	.861	1.41	.350	2.19	.500	4.86
		.458	1.64			.400	2.07	.600	5.88
		.571	1.66			.500	1.63	.703	7.12
		.686	1.66			.600	-1.59	.756	7.17
						.700	-1.90		

ALPHA = 6.45 DEGREES DYNAMIC PRESSURE = 10.907 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.07	0.000	-1.69	.075	-1.48	.025	-.70	.025	-5.59
.150	.67	.029	-3.19	.150	-2.54	.050	-1.60	.050	-5.17
.200	.46	.057	-3.18	.200	-3.06	.075	-2.41	.100	-5.20
.300	-.32	.086	-3.08	.300	-3.52	.100	-2.87	.150	-4.93
.400	-.86	.114	-2.92	.400	-3.16	.149	-3.16	.200	-4.56
.500	-1.14	.172	-3.00	.500	-3.26	.200	-3.20	.250	-3.97
.600	-1.43	.229	-2.74	.600	-3.01	.250	-3.30	.300	-3.31
.700	-1.50	.286	-2.56	.700	-2.38	.300	-3.24	.400	-2.39
.800	-1.24	.343	-1.92	.800	-1.93	.350	-3.16	.500	-1.41
		.400	-1.53			.400	-3.01	.600	-1.49
		.458	-1.28			.500	-2.54	.703	-1.81
		.571	-.98			.600	-2.42	.826	-2.32
		.686	-1.05			.700	-1.52		
		.801	-1.01			.800	-.94		
		.915	-1.37						
		.967	-1.58						
		.994	-1.92						
				LOWER	SURFACE				
.075	1.13	.029	1.66	.075	1.52	.025	1.39	.025	2.70
.150	1.24	.057	1.90	.150	1.90	.050	1.70	.050	3.57
.200	1.22	.086	1.93	.200	2.00	.075	2.07	.100	3.31
.300	1.50	.114	1.88	.300	2.01	.100	1.82	.150	3.78
.400	1.51	.172	1.85	.400	1.98	.150	2.10	.200	4.01
.500	1.41	.229	1.76	.500	2.01	.200	2.14	.250	4.78
.600	1.26	.286	1.73	.600	1.98	.250	2.11	.300	5.08
.700	.77	.343	1.72	.700	1.88	.300	1.90	.400	4.77
.861	-.43	.400	1.71	.861	1.64	.350	2.12	.500	4.93
		.458	1.67			.400	2.10	.600	5.87
		.571	1.68			.500	1.76	.703	7.02
		.686	1.67			.600	-1.50	.756	7.49
						.700	-1.80		

ALPHA = 8.44 DEGREES DYNAMIC PRESSURE = 10.917 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.68	0.000	-1.81	.075	-1.51	.025	-.72	.025	-5.85
.150	.17	.029	-2.94	.150	-2.24	.050	-1.31	.050	-5.19
.200	-.43	.057	-2.94	.200	-2.59	.075	-1.96	.100	-4.87
.300	-.81	.086	-2.85	.300	-3.14	.100	-2.52	.150	-4.90
.400	-1.36	.114	-2.90	.400	-2.59	.149	-2.41	.200	-4.35
.500	-1.39	.172	-3.08	.500	-3.03	.200	-2.91	.250	-3.99
.600	-1.83	.229	-2.79	.600	-2.17	.250	-2.20	.300	-2.96
.700	-1.63	.286	-2.64	.700	-2.24	.300	-3.00	.400	-2.31
.800	-1.51	.343	-2.19	.800	-1.58	.350	-2.58	.500	-1.27
		.400	-1.86			.400	-2.61	.600	-1.34
		.458	-1.51			.500	-2.09	.703	-1.64
		.571	-1.16			.600	-1.45	.826	-2.01
		.686	-1.11			.700	-1.39		
		.801	-1.12			.800	-1.15		
		.915	-1.23						
		.967	-1.42						
		.994	-1.60						
				LOWER	SURFACE				
.075	1.38	.029	1.66	.075	1.45	.025	1.37	.025	2.90
.150	1.43	.057	1.83	.150	1.88	.050	1.67	.050	3.73
.200	1.55	.086	1.93	.200	1.98	.075	2.06	.100	3.55
.300	1.55	.114	1.89	.300	1.99	.100	1.91	.150	4.15
.400	1.53	.172	1.86	.400	1.99	.150	2.12	.200	4.09
.500	1.42	.229	1.83	.500	1.99	.200	2.20	.250	4.38
.600	1.32	.286	1.78	.600	2.03	.250	2.12	.300	4.49
.700	.86	.343	1.76	.700	1.92	.300	1.91	.400	5.22
.861	-.51	.400	1.73	.861	1.56	.350	2.19	.500	5.42
		.458	1.69			.400	2.17	.600	5.96
		.571	1.72			.500	1.77	.703	7.24
		.686	1.66			.600	-1.62	.756	7.59
						.700	-1.76		

ALPHA = 10.52 DEGREES DYNAMIC PRESSURE = 10.872 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.03	0.000	-1.76	.075	-1.15	.025	-.40	.025	-3.08
.150	-.86	.029	-2.88	.150	-1.76	.050	-.94	.050	-5.29
.200	-.87	.057	-2.94	.200	-2.38	.075	-1.69	.100	-4.86
.300	-1.12	.086	-2.98	.300	-3.01	.100	-2.39	.150	-4.79
.400	-1.43	.114	-2.72	.400	-2.41	.149	-2.00	.200	-4.21
.500	-1.94	.172	-2.86	.500	-2.30	.200	-2.11	.250	-3.78
.600	-1.99	.229	-2.92	.600	-2.38	.250	-2.50	.300	-3.11
.700	-1.81	.286	-2.74	.700	-2.13	.300	-2.89	.400	-2.26
.800	-1.66	.343	-2.20	.800	-1.44	.350	-2.35	.500	-1.25
		.400	-1.81			.400	-2.65	.600	-1.33
		.458	-1.64			.500	-1.62	.703	-1.50
		.571	-1.30			.600	-1.29	.826	-2.08
		.686	-1.02			.700	-1.03		
		.801	-1.16			.800	-1.07		
		.915	-1.24						
		.967	-1.48						
		.994	-1.51						
				LOWER	SURFACE				
.075	1.46	.029	1.66	.075	1.47	.025	1.37	.025	3.11
.150	1.61	.057	1.90	.150	1.89	.050	1.63	.050	3.71
.200	1.62	.086	1.90	.200	1.98	.075	1.98	.100	3.74
.300	1.62	.114	1.94	.300	2.03	.100	1.87	.150	4.10
.400	1.53	.172	1.88	.400	1.99	.150	2.12	.200	4.53
.500	1.46	.229	1.86	.500	2.06	.200	2.18	.250	4.62
.600	1.28	.286	1.86	.600	2.02	.250	2.16	.300	5.31
.700	.85	.343	1.81	.700	1.93	.300	1.94	.400	5.66
.861	-.53	.400	1.79	.861	1.65	.350	2.30	.500	5.27
		.458	1.78			.400	2.30	.600	6.20
		.571	1.75			.500	2.04	.703	7.72
		.686	1.75			.600	-1.58	.756	8.05
						.700	-1.73		

ALPHA = 12.41 DEGREES DYNAMIC PRESSURE = 10.905 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.22	0.000	-1.87	.075	-1.30	.025	-.51	.025	-5.92
.150	-1.19	.029	-2.81	.150	-1.82	.050	-1.04	.050	-5.36
.200	-1.66	.057	-2.92	.200	-2.32	.075	-1.71	.100	-5.06
.300	-1.88	.086	-2.93	.300	-2.79	.100	-2.22	.150	-4.91
.400	-1.94	.114	-3.10	.400	-2.72	.149	-2.66	.200	-4.51
.500	-2.03	.172	-3.17	.500	-2.89	.200	-2.81	.250	-4.07
.600	-2.14	.229	-3.07	.600	-2.54	.250	-2.69	.300	-3.17
.700	-2.06	.286	-2.83	.700	-1.94	.300	-2.55	.400	-2.19
.800	-1.85	.343	-2.54	.800	-1.82	.350	-3.03	.500	-1.47
		.400	-2.06			.400	-2.01	.600	-1.25
		.458	-1.85			.500	-1.87	.703	-1.63
		.571	-1.44			.600	-1.49	.826	-2.15
		.686	-.98			.700	-.85		
		.801	-.48			.800	-.47		
		.915	-.41						
		.967	-.57						
		.994	-.35						
				LOWER	SURFACE				
.075	1.71	.029	1.74	.075	1.50	.025	1.50	.025	3.21
.150	1.66	.057	1.94	.150	1.94	.050	1.76	.050	3.91
.200	1.69	.086	1.93	.200	2.02	.075	2.11	.100	3.63
.300	1.65	.114	1.93	.300	2.05	.100	1.92	.150	4.02
.400	1.60	.172	1.94	.400	2.06	.150	2.16	.200	4.18
.500	1.54	.229	1.85	.500	2.15	.200	2.20	.250	4.70
.600	1.39	.286	1.84	.600	2.08	.250	2.16	.300	4.80
.700	1.04	.343	1.82	.700	2.10	.300	1.96	.400	5.35
.861	-.18	.400	1.78	.861	1.90	.350	2.21	.500	5.27
		.458	1.81			.400	2.19	.600	6.27
		.571	1.81			.500	1.78	.703	7.48
		.686	1.73			.600	-1.38	.756	7.79
						.700	-1.55		

ALPHA = 14.35 DEGREES DYNAMIC PRESSURE = 10.946 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.18	0.000	-1.22	.075	-.15	.025	.04	.025	-5.40
.150	-.35	.029	-2.33	.150	-.77	.050	-.32	.050	-5.14
.200	-.86	.057	-2.25	.200	-.90	.075	-.72	.100	-4.59
.300	-1.37	.086	-2.31	.300	-1.17	.100	-1.03	.150	-4.38
.400	-1.05	.114	-2.30	.400	-.97	.149	-1.11	.200	-4.02
.500	-1.42	.172	-2.09	.500	-.67	.200	-.90	.250	-3.38
.600	-1.40	.229	-1.97	.600	-.86	.250	-1.08	.300	-2.67
.700	-1.51	.286	-1.69	.700	-.56	.300	-1.07	.400	-1.89
.800	-1.12	.343	-.98	.800	-.49	.350	-1.21	.500	-.97
		.400	-.35			.400	-.83	.600	-.79
		.458	-.32			.500	-.73	.703	-1.21
		.571	-.16			.600	-.40	.826	-1.54
		.686	-.31			.700	-.50		
		.801	-.29			.800	-.39		
		.915	-.25						
		.967	-.26						
		.994	-.33						
				LOWER	SURFACE				
.075	1.73	.029	1.70	.075	1.63	.025	1.44	.025	3.20
.150	1.63	.057	1.93	.150	1.95	.050	1.70	.050	3.84
.200	1.74	.086	2.00	.200	2.02	.075	2.08	.100	3.81
.300	1.70	.114	2.02	.300	2.09	.100	1.82	.150	4.49
.400	1.64	.172	2.00	.400	2.09	.150	2.19	.200	4.63
.500	1.56	.229	1.90	.500	2.14	.200	2.24	.250	5.15
.600	1.43	.286	1.93	.600	2.17	.250	2.26	.300	4.80
.700	1.06	.343	1.89	.700	2.16	.300	2.30	.400	5.55
.861	-.15	.400	1.87	.861	1.94	.350	2.26	.500	5.47
		.458	1.85			.400	2.50	.600	5.25
		.571	1.86			.500	1.84	.703	7.57
		.686	1.83			.600	-1.34	.756	8.24
						.700	-1.45		

ALPHA = -16.32 DEGREES DYNAMIC PRESSURE = 10.928 LBF/SQ.FT.

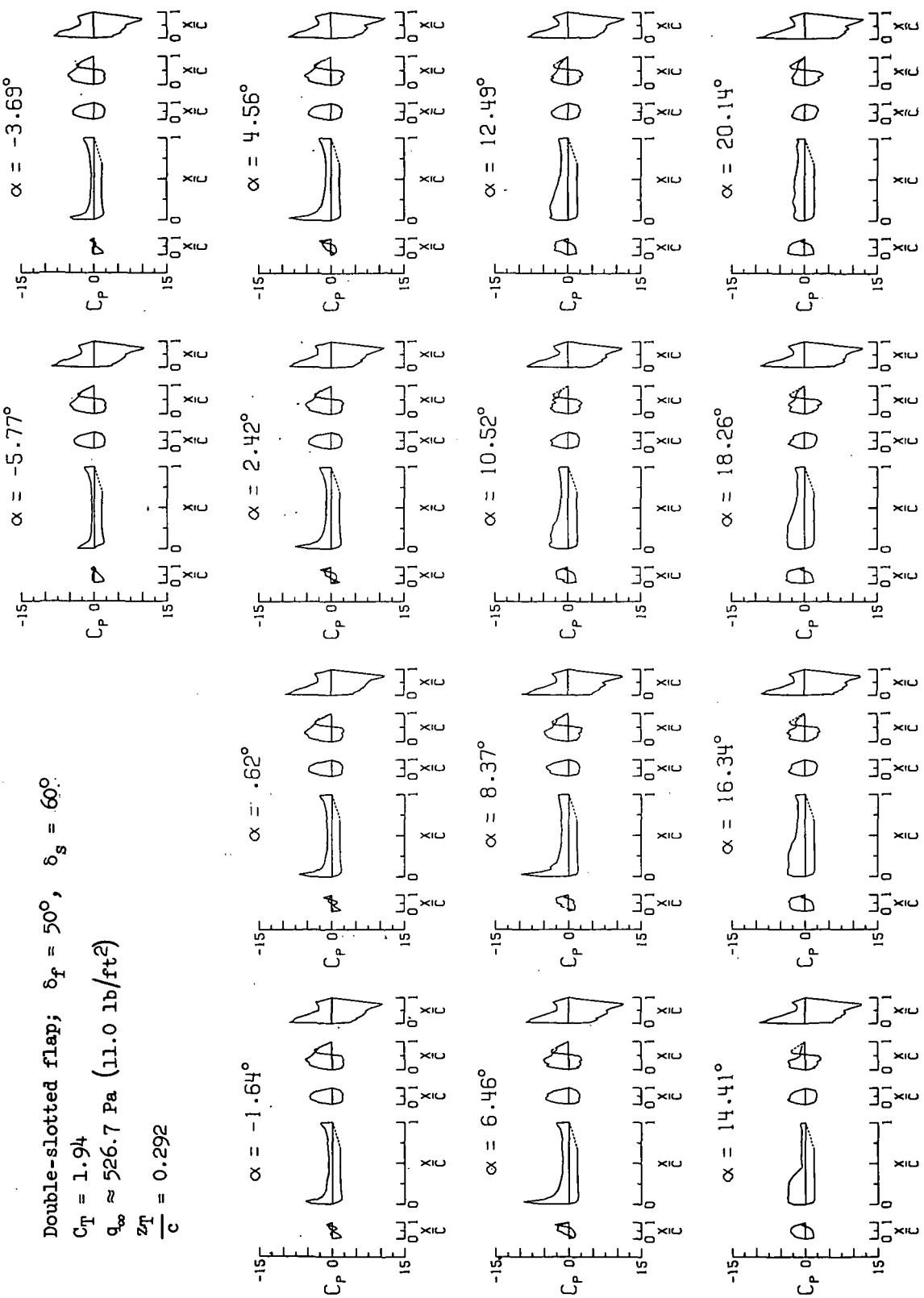
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.35	0.000	-1.36	.075	-.25	.025	-.04	.025	-5.67
.150	-.47	.029	-2.46	.150	-.69	.050	-.36	.050	-5.01
.200	-.86	.057	-2.32	.200	-.89	.075	-.67	.100	-4.54
.300	-1.59	.086	-2.35	.300	-.95	.100	-.90	.150	-4.41
.400	-1.43	.114	-2.14	.400	-.61	.149	-.92	.200	-3.95
.500	-1.56	.172	-2.35	.500	-1.01	.200	-1.18	.250	-3.56
.600	-1.74	.229	-2.03	.600	-.62	.250	-.94	.300	-2.64
.700	-1.47	.286	-1.52	.700	-.47	.300	-1.06	.400	-1.75
.800	-1.39	.343	-.66	.800	-.28	.350	-.98	.500	-.77
		.400	-.38			.400	-.90	.600	-.78
		.458	-.22			.500	-.57	.703	-.98
		.571	-.32			.600	-.44	.826	-1.55
		.686	-.35			.700	-.50		
		.801	-.18			.800	-.21		
		.915	-.22						
		.967	-.16						
		.994	-.19						
				LOWER	SURFACE				
.075	1.83	.029	1.69	.075	1.56	.025	1.39	.025	3.36
.150	1.80	.057	1.96	.150	1.95	.050	1.72	.050	4.21
.200	1.78	.086	1.96	.200	2.05	.075	2.06	.100	4.02
.300	1.73	.114	2.00	.300	2.09	.100	1.90	.150	4.49
.400	1.70	.172	1.98	.400	2.09	.150	2.20	.200	4.80
.500	1.60	.229	1.92	.500	2.16	.200	2.27	.250	5.23
.600	1.52	.286	1.90	.600	2.21	.250	2.24	.300	5.43
.700	1.08	.343	1.86	.700	2.17	.300	2.04	.400	6.04
.861	-.12	.400	1.88	.861	1.93	.350	2.56	.500	5.58
		.458	1.88			.400	2.34	.600	6.41
		.571	1.85			.500	2.06	.703	8.17
		.686	1.83			.600	-1.36	.756	8.11
						.700	-1.37		

ALPHA = 18.22 DEGREES DYNAMIC PRESSURE = 10.869 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.26	0.000	-1.40	.075	-.12	.025	.00	.025	-5.90
.150	-1.14	.029	-2.41	.150	-.55	.050	-.25	.050	-5.13
.200	-1.52	.057	-2.26	.200	-.61	.075	-.57	.100	-4.52
.300	-1.56	.086	-2.23	.300	-.70	.100	-.80	.150	-4.32
.400	-1.96	.114	-2.38	.400	-.66	.149	-.91	.200	-3.93
.500	-1.79	.172	-2.36	.500	-.67	.200	-.97	.250	-3.51
.600	-1.93	.229	-2.07	.600	-.50	.250	-.74	.300	-2.58
.700	-1.58	.286	-1.52	.700	-.37	.300	-.94	.400	-1.65
.800	-1.45	.343	-.63	.800	-.19	.350	-.93	.500	-.75
		.400	-.39			.400	-.81	.600	-.79
		.458	-.18			.500	-.55	.703	-.98
		.571	-.26			.600	-.41	.826	-1.54
		.686	-.34			.700	-.53		
		.801	-.30			.800	-.33		
		.915	-.15						
		.967	-.18						
		.994	-.15						
				LOWER	SURFACE				
.075	1.88	.029	1.75	.075	1.61	.025	1.44	.025	3.63
.150	1.91	.057	1.94	.150	1.99	.050	1.67	.050	4.06
.200	1.89	.086	1.97	.200	2.08	.075	1.95	.100	4.01
.300	1.82	.114	2.00	.300	2.16	.100	1.88	.150	4.80
.400	1.74	.172	1.99	.400	2.13	.150	2.21	.200	5.26
.500	1.65	.229	1.94	.500	2.21	.200	2.25	.250	5.31
.600	1.49	.286	1.95	.600	2.23	.250	2.31	.300	5.67
.700	1.10	.343	1.95	.700	2.25	.300	2.07	.400	6.08
.861	-.11	.400	1.88	.861	2.06	.350	2.54	.500	5.85
		.458	1.92			.400	2.55	.600	5.43
		.571	1.89			.500	2.04	.703	8.16
		.686	1.87			.600	-1.30	.756	8.36
						.700	-1.29		

ALPHA = 20.06 DEGREES DYNAMIC PRESSURE = 10.857 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.03	0.000	.14	.075	-.27	.025	-.30	.025	-5.48
.150	-1.15	.029	-.59	.150	-1.06	.050	-.86	.050	-5.20
.200	-1.76	.057	-.52	.200	-1.24	.075	-1.19	.100	-4.89
.300	-1.57	.086	-.39	.300	-1.22	.100	-1.39	.150	-4.43
.400	-1.41	.114	-.45	.400	-1.27	.149	-1.48	.200	-4.07
.500	-1.48	.172	-.35	.500	-1.15	.200	-1.22	.250	-3.65
.600	-1.37	.229	-.57	.600	-1.20	.250	-1.23	.300	-2.74
.700	-1.35	.286	-.68	.700	-1.18	.300	-1.53	.400	-1.96
.800	-.92	.343	-.50	.800	-.82	.350	-1.28	.500	-.98
		.400	-.71			.400	-1.28	.600	-.99
		.458	-.53			.500	-.79	.703	-1.04
		.571	-.92			.600	-.75	.826	-1.73
		.686	-.76			.700	-.65		
		.801	-.73			.800	-.54		
		.915	-.56						
		.967	-.63						
		.994	-.57						
				LOWER	SURFACE				
.075	1.98	.029	1.76	.075	1.61	.025	1.21	.025	3.75
.150	1.93	.057	1.95	.150	1.96	.050	1.56	.050	4.24
.200	1.95	.086	1.93	.200	2.07	.075	1.98	.100	4.58
.300	1.85	.114	2.01	.300	2.11	.100	1.84	.150	4.98
.400	1.81	.172	2.02	.400	2.11	.150	2.22	.200	4.93
.500	1.75	.229	1.94	.500	2.20	.200	2.33	.250	5.49
.600	1.66	.286	1.93	.600	2.24	.250	2.25	.300	5.45
.700	1.42	.343	1.93	.700	2.10	.300	2.21	.400	6.23
.861	.62	.400	1.89	.861	1.90	.350	2.67	.500	5.77
		.458	1.88			.400	2.61	.600	6.79
		.571	1.91			.500	2.06	.703	8.19
		.686	1.86			.600	-1.21	.756	8.26
						.700	-1.37		


Double-slotted flap; $\delta_f = 50°$, $\delta_s = 60°$
$C_T = 1.94$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.292$
α = -5.77°
α = -3.69°
α = -1.64°
α = .62°
α = 2.42°
α = 4.56°
α = 6.46°
α = 8.37°
α = 10.52°
α = 12.49°
α = 14.41°
α = 16.34°
α = 18.26°
α = 20.14°
C_p
x/c

ALPHA = -5.77 DEGREES DYNAMIC PRESSURE = 10.924 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.93	0.000	-3.50	.075	-1.97	.025	-1.51	.025	-8.93
.150	2.03	.029	-2.93	.150	-2.80	.050	-2.10	.050	-8.22
.200	1.97	.057	-2.05	.200	-3.40	.075	-3.06	.100	-7.59
.300	1.73	.086	-1.23	.300	-4.02	.100	-3.60	.150	-7.39
.400	1.45	.114	-.99	.400	-4.14	.149	-4.40	.200	-7.00
.500	1.09	.172	-.67	.500	-4.20	.200	-4.46	.250	-6.22
.600	.77	.229	-.59	.600	-3.88	.250	-4.64	.300	-5.21
.700	.33	.286	-.62	.700	-3.43	.300	-5.11	.400	-3.99
.800	.37	.343	-.44	.800	-2.74	.350	-5.04	.500	-2.68
		.400	-.47			.400	-4.65	.600	-2.55
		.458	-.38			.500	-3.89	.703	-2.79
		.571	-.45			.600	-3.30	.826	-3.23
		.686	-.58			.700	-2.94		
		.801	-.72			.800	-2.44		
		.915	-1.29						
		.967	-1.90						
		.994	-2.07						
				LOWER	SURFACE				
.075	-.02	.029	.52	.075	1.40	.025	1.24	.025	3.02
.150	-.26	.057	1.89	.150	1.98	.050	1.66	.050	3.83
.200	-.33	.086	2.01	.200	2.10	.075	2.19	.100	3.67
.300	-.35	.114	1.92	.300	2.14	.100	1.91	.150	4.45
.400	-.39	.172	1.71	.400	2.19	.150	2.25	.200	4.84
.500	-.25	.229	1.62	.500	2.19	.200	2.35	.250	5.43
.600	-.15	.286	1.53	.600	2.14	.250	2.27	.300	5.69
.700	.07	.343	1.55	.700	2.04	.300	2.04	.400	6.41
.861	-.62	.400	1.55	.861	1.59	.350	2.33	.500	6.52
		.458	1.55			.400	2.25	.600	7.80
		.571	1.61			.500	1.71	.703	10.01
		.686	1.62			.600	-3.02	.756	10.31
						.700	-3.48		

ALPHA = -3.69 DEGREES DYNAMIC PRESSURE = 10.942 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	2.00	0.000	-4.05	.075	-2.01	.025	-1.54	.025	-6.14
.150	1.87	.029	-5.01	.150	-3.00	.050	-2.29	.050	-8.34
.200	1.72	.057	-2.64	.200	-3.54	.075	-3.13	.100	-7.89
.300	1.41	.086	-1.70	.300	-4.28	.100	-3.80	.150	-7.39
.400	.95	.114	-1.45	.400	-4.38	.149	-4.56	.200	-7.31
.500	.35	.172	-1.06	.500	-4.42	.200	-4.63	.250	-6.34
.600	.41	.229	-.78	.600	-4.16	.250	-4.88	.300	-5.23
.700	.18	.286	-.74	.700	-3.60	.300	-5.32	.400	-4.03
.800	-.26	.343	-.72	.800	-2.99	.350	-5.32	.500	-2.74
		.400	-.56			.400	-4.90	.600	-2.67
		.458	-.48			.500	-4.08	.703	-2.86
		.571	-.56			.600	-3.39	.826	-3.25
		.686	-.76			.700	-3.12		
		.801	-.93			.800	-2.55		
		.915	-1.47						
		.967	-2.04						
		.994	-2.17						
				LOWER	SURFACE				
.075	-.21	.029	1.18	.075	1.44	.025	1.18	.025	3.08
.150	-.33	.057	1.92	.150	2.00	.050	1.60	.050	3.97
.200	-.31	.086	1.98	.200	2.10	.075	2.02	.100	3.90
.300	-.31	.114	1.91	.300	2.15	.100	1.94	.150	4.77
.400	-.33	.172	1.73	.400	2.13	.150	2.23	.200	5.58
.500	.23	.229	1.68	.500	2.17	.200	2.27	.250	5.56
.600	.44	.286	1.61	.600	2.18	.250	2.24	.300	5.81
.700	.49	.343	1.60	.700	2.08	.300	1.98	.400	6.58
.861	-.93	.400	1.63	.861	1.56	.350	2.32	.500	6.70
		.458	1.63			.400	2.23	.600	7.88
		.571	1.60			.500	1.78	.703	9.86
		.686	1.63			.600	-3.18	.756	10.02
						.700	-3.60		

ALPHA = -1.65 DEGREES DYNAMIC PRESSURE = 10.920 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.98	0.000	-4.10	.075	-2.20	.025	-1.60	.025	-8.72
.150	1.92	.029	-5.54	.150	-3.15	.050	-2.34	.050	-9.32
.200	1.60	.057	-3.03	.200	-3.74	.075	-3.31	.100	-7.87
.300	1.11	.086	-2.16	.300	-4.51	.100	-3.92	.150	-7.75
.400	.46	.114	-1.82	.400	-4.52	.149	-4.72	.200	-7.31
.500	.17	.172	-1.23	.500	-4.59	.200	-4.75	.250	-6.39
.600	-.46	.229	-1.16	.600	-4.25	.250	-4.89	.300	-5.37
.700	-.66	.286	-1.04	.700	-3.88	.300	-5.34	.400	-4.05
.800	-.88	.343	-.84	.800	-3.09	.350	-5.46	.500	-2.82
		.400	-.62			.400	-4.98	.600	-2.71
		.458	-.66			.500	-4.03	.703	-2.86
		.571	-.64			.600	-3.47	.826	-3.35
		.686	-.80			.700	-3.11		
		.801	-.95			.800	-2.61		
		.915	-1.48						
		.967	-2.16						
		.994	-2.35						
				LOWER	SURFACE				
.075	-.03	.029	1.18	.075	1.35	.025	1.25	.025	3.32
.150	-.03	.057	1.97	.150	1.94	.050	1.53	.050	3.88
.200	-.21	.086	2.03	.200	2.08	.075	2.11	.100	4.22
.300	-.44	.114	1.95	.300	2.14	.100	1.87	.150	5.14
.400	-.20	.172	1.80	.400	2.16	.150	2.30	.200	5.15
.500	.17	.229	1.78	.500	2.15	.200	2.38	.250	5.76
.600	.99	.286	1.69	.600	2.24	.250	2.30	.300	6.40
.700	.75	.343	1.66	.700	2.07	.300	2.02	.400	6.95
.861	-1.13	.400	1.67	.861	1.65	.350	2.38	.500	7.02
		.458	1.63			.400	2.30	.600	9.11
		.571	1.69			.500	1.97	.703	9.95
		.686	1.69			.600	-3.22	.756	10.44
						.700	-3.59		

ALPHA = .63 DEGREES DYNAMIC PRESSURE = 10.966 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.95	0.000	-4.33	.075	-2.28	.025	-1.75	.025	-9.42
.150	1.53	.029	-6.79	.150	-3.34	.050	-2.49	.050	-8.87
.200	1.21	.057	-3.72	.200	-3.99	.075	-3.55	.100	-8.20
.300	.57	.086	-2.74	.300	-4.71	.100	-4.13	.150	-7.85
.400	.40	.114	-2.01	.400	-4.71	.149	-4.81	.200	-7.27
.500	-.08	.172	-1.47	.500	-4.71	.200	-4.81	.250	-6.49
.600	-.66	.229	-1.32	.600	-4.49	.250	-5.12	.300	-5.41
.700	-.73	.286	-1.10	.700	-3.98	.300	-5.60	.400	-4.14
.800	-.67	.343	-.89	.800	-3.12	.350	-5.51	.500	-2.81
		.400	-.89			.400	-5.02	.600	-2.70
		.458	-.86			.500	-4.17	.703	-2.94
		.571	-.87			.600	-3.61	.826	-3.43
		.686	-.96			.700	-3.23		
		.801	-1.14			.800	-2.62		
		.915	-1.64						
		.967	-2.31						
		.994	-2.52						
				LOWER	SURFACE				
.075	.22	.029	1.39	.075	1.34	.025	1.00	.025	3.42
.150	.26	.057	1.91	.150	1.93	.050	1.50	.050	4.58
.200	.24	.086	1.95	.200	2.10	.075	1.91	.100	4.71
.300	-.17	.114	1.91	.300	2.13	.100	1.85	.150	5.17
.400	.13	.172	1.79	.400	2.11	.150	2.20	.200	5.87
.500	1.05	.229	1.74	.500	2.24	.200	2.30	.250	6.13
.600	1.12	.286	1.72	.600	2.17	.250	2.26	.300	6.59
.700	.30	.343	1.71	.700	2.13	.300	1.99	.400	7.06
.861	-1.66	.400	1.71	.861	1.55	.350	2.47	.500	7.60
		.458	1.69			.400	2.60	.600	8.18
		.571	1.66			.500	2.07	.703	10.72
		.686	1.66			.600	-3.30	.756	11.02
						.700	-3.43		

ALPHA = 2.43 DEGREES DYNAMIC PRESSURE = 10.898 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.80	0.000	-4.46	.075	-2.28	.025	-1.58	.025	-5.44
.150	1.23	.029	-7.54	.150	-3.35	.050	-2.55	.050	-8.65
.200	.76	.057	-4.38	.200	-3.78	.075	-3.26	.100	-7.91
.300	.19	.086	-2.99	.300	-4.66	.100	-4.07	.150	-7.78
.400	-.26	.114	-2.46	.400	-4.54	.149	-4.56	.200	-7.01
.500	-1.15	.172	-1.84	.500	-4.58	.200	-4.59	.250	-6.34
.600	-1.08	.229	-1.46	.600	-4.36	.250	-4.94	.300	-5.31
.700	-1.30	.286	-1.32	.700	-3.70	.300	-5.29	.400	-3.94
.800	-1.38	.343	-1.16	.800	-3.10	.350	-5.36	.500	-2.65
		.400	-1.00			.400	-4.94	.600	-2.65
		.458	-1.05			.500	-3.82	.703	-2.67
		.571	-.99			.600	-3.36	.826	-3.27
		.686	-1.02			.700	-2.99		
		.801	-1.17			.800	-2.42		
		.915	-1.67						
		.967	-2.27						
		.994	-2.47						
				LOWER	SURFACE				
.075	.23	.029	1.63	.075	1.34	.025	1.03	.025	3.64
.150	.90	.057	1.98	.150	1.88	.050	1.34	.050	4.52
.200	.37	.086	1.98	.200	2.04	.075	1.99	.100	4.87
.300	1.18	.114	1.99	.300	2.16	.100	1.73	.150	5.44
.400	1.12	.172	1.87	.400	2.15	.150	2.24	.200	5.84
.500	1.08	.229	1.80	.500	2.23	.200	2.26	.250	6.43
.600	.81	.286	1.78	.600	2.22	.250	2.25	.300	6.14
.700	.07	.343	1.73	.700	2.09	.300	2.09	.400	6.99
.861	-2.26	.400	1.71	.861	1.68	.350	2.42	.500	7.35
		.458	1.76			.400	2.49	.600	8.81
		.571	1.74			.500	1.99	.703	10.43
		.686	1.73			.600	-3.35	.756	11.01
						.700	-3.45		

ALPHA = 4.57 DEGREES DYNAMIC PRESSURE = 10.916 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.74	0.000	-5.39	.075	-2.25	.025	-1.24	.025	-5.21
.150	.53	.029	-8.66	.150	-3.42	.050	-2.51	.050	-8.89
.200	.24	.057	-4.85	.200	-3.94	.075	-3.38	.100	-8.12
.300	-.59	.086	-3.53	.300	-4.61	.100	-3.87	.150	-7.62
.400	-1.06	.114	-2.85	.400	-4.66	.149	-4.64	.200	-7.15
.500	-1.25	.172	-1.98	.500	-4.67	.200	-4.64	.250	-6.27
.600	-1.67	.229	-1.77	.600	-4.33	.250	-4.76	.300	-5.06
.700	-1.64	.286	-1.54	.700	-3.89	.300	-5.40	.400	-3.98
.800	-1.95	.343	-1.39	.800	-3.22	.350	-5.45	.500	-2.63
		.400	-1.21			.400	-4.76	.600	-2.45
		.458	-1.11			.500	-4.03	.703	-2.78
		.571	-1.08			.600	-3.17	.826	-3.19
		.686	-1.10			.700	-3.09		
		.801	-1.29			.800	-2.20		
		.915	-1.79						
		.967	-2.33						
		.994	-2.56						
				LOWER	SURFACE				
.075	.60	.029	1.55	.075	1.27	.025	1.04	.025	3.51
.150	.88	.057	1.89	.150	1.93	.050	1.44	.050	4.83
.200	1.19	.086	1.94	.200	2.06	.075	1.93	.100	4.68
.300	1.11	.114	1.94	.300	2.14	.100	1.77	.150	5.54
.400	1.20	.172	1.86	.400	2.18	.150	2.16	.200	6.36
.500	1.06	.229	1.83	.500	2.24	.200	2.29	.250	6.69
.600	.80	.286	1.74	.600	2.22	.250	2.31	.300	6.94
.700	-.03	.343	1.79	.700	2.10	.300	2.03	.400	7.48
.861	-2.53	.400	1.76	.861	1.63	.350	2.51	.500	8.96
		.458	1.74			.400	2.72	.600	8.71
		.571	1.74			.500	2.18	.703	10.69
		.686	1.73			.600	-3.34	.756	11.23
						.700	-3.50		

ALPHA = 6.47 DEGREES DYNAMIC PRESSURE = 10.895 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.99	0.000	-5.38	.075	-2.44	.025	-1.40	.025	-6.23
.150	.21	.029	-9.41	.150	-3.40	.050	-2.39	.050	-8.77
.200	-.02	.057	-5.14	.200	-3.96	.075	-3.30	.100	-7.89
.300	-1.06	.086	-3.82	.300	-4.75	.100	-4.14	.150	-7.89
.400	-1.37	.114	-3.03	.400	-4.64	.149	-4.60	.200	-7.09
.500	-2.42	.172	-2.28	.500	-4.25	.200	-4.09	.250	-6.18
.600	-2.23	.229	-1.94	.600	-4.44	.250	-4.94	.300	-5.24
.700	-2.27	.286	-1.72	.700	-3.67	.300	-5.01	.400	-3.74
.800	-2.21	.343	-1.50	.800	-3.12	.350	-5.20	.500	-2.44
		.400	-1.28			.400	-4.72	.600	-2.41
		.458	-1.33			.500	-3.51	.703	-2.56
		.571	-1.22			.600	-3.21	.826	-3.23
		.686	-1.37			.700	-2.41		
		.801	-1.39			.800	-2.36		
		.915	-1.77						
		.967	-2.39						
		.994	-2.63						
				LOWER	SURFACE				
.075	.91	.029	1.43	.075	1.27	.025	.71	.025	4.26
.150	1.28	.057	1.81	.150	1.87	.050	1.31	.050	4.77
.200	1.25	.086	1.89	.200	2.05	.075	2.08	.100	5.46
.300	1.34	.114	1.92	.300	2.11	.100	1.63	.150	6.07
.400	1.17	.172	1.88	.400	2.13	.150	2.16	.200	6.70
.500	1.00	.229	1.84	.500	2.23	.200	2.36	.250	6.61
.600	.71	.286	1.81	.600	2.26	.250	2.36	.300	7.09
.700	-.09	.343	1.78	.700	2.02	.300	2.07	.400	8.09
.861	-2.93	.400	1.77	.861	1.66	.350	2.64	.500	7.74
		.458	1.77			.400	2.68	.600	8.96
		.571	1.79			.500	2.14	.703	10.99
		.686	1.76			.600	-3.46	.756	11.26
						.700	-3.40		

ALPHA = 8.37 DEGREES DYNAMIC PRESSURE = 10.953 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.82	0.000	-5.61	.075	-2.46	.025	-1.28	.025	-9.53
.150	-.12	.029	-9.83	.150	-3.38	.050	-2.33	.050	-8.51
.200	-.85	.057	-5.61	.200	-3.80	.075	-3.14	.100	-7.89
.300	-1.57	.086	-3.53	.300	-3.68	.100	-3.36	.150	-7.45
.400	-1.34	.114	-3.83	.400	-4.09	.149	-4.19	.200	-6.92
.500	-2.40	.172	-2.44	.500	-4.51	.200	-4.35	.250	-6.22
.600	-2.45	.229	-2.10	.600	-4.46	.250	-4.78	.300	-5.10
.700	-2.49	.286	-1.87	.700	-3.63	.300	-4.80	.400	-3.61
.800	-2.49	.343	-1.63	.800	-3.06	.350	-4.97	.500	-2.35
		.400	-1.52			.400	-4.34	.600	-2.23
		.458	-1.50			.500	-3.23	.703	-2.51
		.571	-1.31			.600	-3.02	.826	-3.27
		.686	-1.50			.700	-2.32		
		.801	-1.52			.800	-2.21		
		.915	-1.90						
		.967	-1.98						
		.994	-2.15						
				LOWER	SURFACE				
.075	1.29	.029	1.59	.075	1.27	.025	.89	.025	4.87
.150	1.30	.057	1.88	.150	1.84	.050	1.40	.050	5.10
.200	1.33	.086	1.90	.200	2.07	.075	1.86	.100	5.21
.300	1.38	.114	1.94	.300	2.19	.100	1.74	.150	5.79
.400	1.21	.172	1.86	.400	2.23	.150	2.19	.200	6.35
.500	.99	.229	1.85	.500	2.29	.200	2.36	.250	6.56
.600	1.16	.286	1.81	.600	2.28	.250	2.31	.300	5.69
.700	.67	.343	1.82	.700	2.15	.300	2.02	.400	7.78
.861	-.98	.400	1.77	.861	1.77	.350	2.72	.500	7.10
		.458	1.76			.400	2.58	.600	8.91
		.571	1.77			.500	2.91	.703	11.22
		.686	1.73			.600	-3.12	.756	11.09
						.700	-3.31		

ALPHA = 10.53 DEGREES DYNAMIC PRESSURE = 10.992 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.77	0.000	-2.20	.075	-1.75	.025	-.85	.025	-8.26
.150	-1.03	.029	-3.67	.150	-2.44	.050	-1.65	.050	-8.45
.200	-.59	.057	-3.87	.200	-3.50	.075	-2.99	.100	-7.84
.300	-2.23	.086	-3.31	.300	-3.20	.100	-2.87	.150	-7.32
.400	-2.12	.114	-3.39	.400	-3.19	.149	-3.23	.200	-6.72
.500	-2.31	.172	-3.58	.500	-3.59	.200	-3.76	.250	-6.02
.600	-2.33	.229	-3.21	.600	-2.97	.250	-3.18	.300	-4.57
.700	-2.39	.286	-3.05	.700	-2.39	.300	-3.34	.400	-3.17
.800	-2.04	.343	-2.32	.800	-2.08	.350	-3.33	.500	-1.83
		.400	-2.01			.400	-2.43	.600	-1.68
		.458	-1.75			.500	-3.23	.703	-2.50
		.571	-1.45			.600	-1.93	.826	-2.90
		.686	-1.37			.700	-2.00		
		.801	-1.44			.800	-1.56		
		.915	-1.64						
		.967	-1.90						
		.994	-1.84						
				LOWER	SURFACE				
.075	1.85	.029	1.57	.075	1.23	.025	.91	.025	4.14
.150	1.53	.057	1.89	.150	1.87	.050	1.32	.050	4.83
.200	1.66	.086	1.91	.200	2.06	.075	1.96	.100	5.29
.300	1.57	.114	1.92	.300	2.16	.100	1.66	.150	5.12
.400	1.54	.172	1.92	.400	2.20	.150	2.23	.200	5.20
.500	1.41	.229	1.88	.500	2.32	.200	2.35	.250	7.15
.600	1.24	.286	1.87	.600	2.38	.250	2.46	.300	5.93
.700	.78	.343	1.82	.700	2.23	.300	2.10	.400	7.97
.861	-.73	.400	1.85	.861	1.93	.350	2.59	.500	7.77
		.458	1.83			.400	2.82	.600	8.97
		.571	1.78			.500	2.18	.703	10.96
		.686	1.80			.600	-2.89	.756	11.14
						.700	-3.04		

ALPHA = 12.50 DEGREES DYNAMIC PRESSURE = 10.894 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.66	0.000	-2.32	.075	-1.75	.025	-.80	.025	-6.42
.150	-1.05	.029	-3.75	.150	-2.65	.050	-1.89	.050	-8.40
.200	-1.49	.057	-3.34	.200	-2.91	.075	-2.40	.100	-7.62
.300	-2.80	.086	-3.48	.300	-3.29	.100	-2.96	.150	-7.46
.400	-2.52	.114	-3.57	.400	-3.27	.149	-3.34	.200	-6.78
.500	-2.47	.172	-3.66	.500	-3.52	.200	-3.62	.250	-6.01
.600	-2.70	.229	-3.31	.600	-2.81	.250	-2.96	.300	-4.57
.700	-2.39	.286	-2.96	.700	-2.55	.300	-3.41	.400	-3.17
.800	-2.44	.343	-2.70	.800	-1.86	.350	-2.98	.500	-1.86
		.400	-2.29			.400	-2.67	.600	-1.79
		.458	-1.96			.500	-2.26	.703	-2.25
		.571	-1.54			.600	-1.83	.826	-3.04
		.686	-1.46			.700	-1.78		
		.801	-1.38			.800	-1.31		
		.915	-1.59						
		.967	-1.82						
		.994	-1.95						
				LOWER	SURFACE				
.075	1.80	.029	1.55	.075	1.17	.025	.89	.025	4.35
.150	1.68	.057	1.84	.150	1.89	.050	1.27	.050	5.52
.200	1.69	.086	1.87	.200	2.07	.075	1.99	.100	5.81
.300	1.65	.114	1.94	.300	2.20	.100	1.67	.150	6.14
.400	1.55	.172	1.92	.400	2.24	.150	2.25	.200	6.54
.500	1.45	.229	1.86	.500	2.36	.200	2.44	.250	7.35
.600	1.23	.286	1.86	.600	2.43	.250	2.48	.300	7.34
.700	.73	.343	1.85	.700	2.25	.300	2.28	.400	7.79
.861	-.86	.400	1.82	.861	2.02	.350	2.91	.500	7.98
		.458	1.82			.400	2.89	.600	9.24
		.571	1.80			.500	2.41	.703	11.07
		.686	1.83			.600	-2.73	.756	11.61
						.700	-3.01		

ALPHA = 14.42 DEGREES DYNAMIC PRESSURE = 10.933 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.19	0.000	-2.29	.075	-1.81	.025	-.88	.025	-9.44
.150	-2.12	.029	-3.58	.150	-2.47	.050	-1.77	.050	-8.66
.200	-2.30	.057	-3.54	.200	-3.03	.075	-2.68	.100	-7.88
.300	-2.50	.086	-3.62	.300	-3.60	.100	-3.29	.150	-7.54
.400	-2.91	.114	-3.50	.400	-3.19	.149	-3.31	.200	-6.91
.500	-3.01	.172	-3.50	.500	-3.11	.200	-3.17	.250	-5.91
.600	-3.01	.229	-3.44	.600	-3.05	.250	-3.41	.300	-4.87
.700	-2.72	.286	-3.27	.700	-2.65	.300	-3.58	.400	-3.36
.800	-2.29	.343	-2.58	.900	-2.10	.350	-3.29	.500	-1.92
		.400	-1.67			.400	-2.01	.600	-1.66
		.458	-.63			.500	-.99	.703	-1.74
		.571	-.83			.600	-1.06	.826	-2.66
		.686	-.71			.700	-.84		
		.801	-.78			.800	-.71		
		.915	-.77						
		.967	-1.03						
		.994	-.96						
				LOWER	SURFACE				
.075	1.80	.029	1.57	.075	1.19	.025	.92	.025	4.89
.150	1.78	.057	1.84	.150	1.87	.050	1.33	.050	5.86
.200	1.70	.086	1.88	.200	2.06	.075	2.00	.100	5.85
.300	1.66	.114	1.91	.300	2.21	.100	1.60	.150	6.40
.400	1.57	.172	1.90	.400	2.30	.150	2.24	.200	6.45
.500	1.48	.229	1.89	.500	2.40	.200	2.46	.250	7.47
.600	1.29	.286	1.91	.600	2.44	.250	2.56	.300	7.58
.700	.81	.343	1.86	.700	2.32	.300	2.40	.400	8.48
.861	-.77	.400	1.84	.861	2.09	.350	3.17	.500	7.93
		.458	1.81			.400	3.29	.600	9.49
		.571	1.83			.500	2.92	.703	11.58
		.686	1.82			.600	-2.70	.756	11.65
						.700	-2.79		

ALPHA = 16.35 DEGREES DYNAMIC PRESSURE = 10.879 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.15	0.000	-2.27	.075	-1.66	.025	-.89	.025	-7.95
.150	-2.73	.029	-3.62	.150	-2.39	.050	-1.76	.050	-8.85
.200	-2.89	.057	-3.52	.200	-2.98	.075	-2.62	.100	-7.99
.300	-3.20	.086	-3.55	.300	-3.41	.100	-3.12	.150	-7.76
.400	-2.98	.114	-3.37	.400	-3.07	.149	-3.25	.200	-7.03
.500	-3.10	.172	-3.34	.500	-2.72	.200	-2.82	.250	-6.04
.600	-3.38	.229	-3.46	.600	-2.82	.250	-3.16	.300	-4.84
.700	-2.90	.286	-3.36	.700	-2.65	.300	-3.67	.400	-3.51
.800	-2.83	.343	-2.97	.800	-1.94	.350	-3.19	.500	-2.06
		.400	-2.69			.400	-3.21	.600	-2.15
		.458	-2.03			.500	-1.79	.703	-2.28
		.571	-1.64			.600	-1.69	.826	-3.17
		.686	-1.51			.700	-1.82		
		.801	-1.50			.800	-1.43		
		.915	-1.50						
		.967	-1.92						
		.994	-1.94						
				LOWER	SURFACE				
.075	1.88	.029	1.57	.075	1.31	.025	.91	.025	5.18
.150	1.89	.057	1.88	.150	1.89	.050	1.23	.050	6.29
.200	1.79	.086	1.93	.200	2.06	.075	1.85	.100	6.04
.300	1.77	.114	1.90	.300	2.27	.100	1.69	.150	6.96
.400	1.63	.172	1.96	.400	2.38	.150	2.37	.200	7.19
.500	1.52	.229	1.98	.500	2.47	.200	2.63	.250	7.94
.600	1.30	.286	1.94	.600	2.53	.250	2.82	.300	7.87
.700	.80	.343	1.95	.700	2.49	.300	2.56	.400	8.86
.861	-.78	.400	1.94	.861	2.12	.350	3.14	.500	8.37
		.458	1.89			.400	2.98	.600	9.37
		.571	1.87			.500	2.68	.703	11.54
		.686	1.88			.600	-2.75	.756	11.50
						.700	-3.14		

ALPHA = 18.26 DEGREES DYNAMIC PRESSURE = 10.757 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.91	0.000	-2.29	.075	-1.65	.025	-.83	.025	-5.09
.150	-3.16	.029	-3.41	.150	-2.02	.050	-1.56	.050	-9.08
.200	-3.80	.057	-3.43	.200	-2.60	.075	-2.39	.100	-8.22
.300	-3.50	.086	-3.57	.300	-3.40	.100	-3.16	.150	-7.91
.400	-3.57	.114	-3.49	.400	-2.76	.149	-3.03	.200	-7.12
.500	-3.58	.172	-3.56	.500	-2.87	.200	-2.98	.250	-6.25
.600	-3.57	.229	-3.38	.600	-2.22	.250	-2.65	.300	-4.89
.700	-3.37	.286	-3.44	.700	-2.34	.300	-3.31	.400	-3.52
.800	-2.92	.343	-2.97	.800	-2.08	.350	-3.33	.500	-2.20
		.400	-2.58			.400	-2.93	.600	-2.16
		.458	-2.25			.500	-2.05	.703	-2.57
		.571	-1.65			.600	-1.84	.826	-3.34
		.686	-1.43			.700	-1.73		
		.801	-1.55			.800	-1.44		
		.915	-1.42						
		.967	-1.88						
		.994	-1.85						
				LOWER	SURFACE				
.075	1.96	.029	1.43	.075	1.28	.025	.83	.025	5.27
.150	1.91	.057	1.76	.150	1.92	.050	1.16	.050	6.19
.200	1.86	.086	1.90	.200	2.11	.075	1.87	.100	6.47
.300	1.76	.114	1.93	.300	2.23	.100	1.61	.150	7.13
.400	1.64	.172	1.98	.400	2.34	.150	2.43	.200	7.97
.500	1.57	.229	1.98	.500	2.56	.200	2.72	.250	8.34
.600	1.32	.286	1.97	.600	2.57	.250	2.84	.300	7.95
.700	.83	.343	1.95	.700	2.55	.300	2.57	.400	8.53
.861	-.80	.400	1.97	.861	2.19	.350	3.46	.500	9.60
		.458	1.97			.400	3.46	.600	9.66
		.571	1.87			.500	2.72	.703	11.63
		.686	1.89			.600	-2.67	.756	12.09
						.700	-3.14		

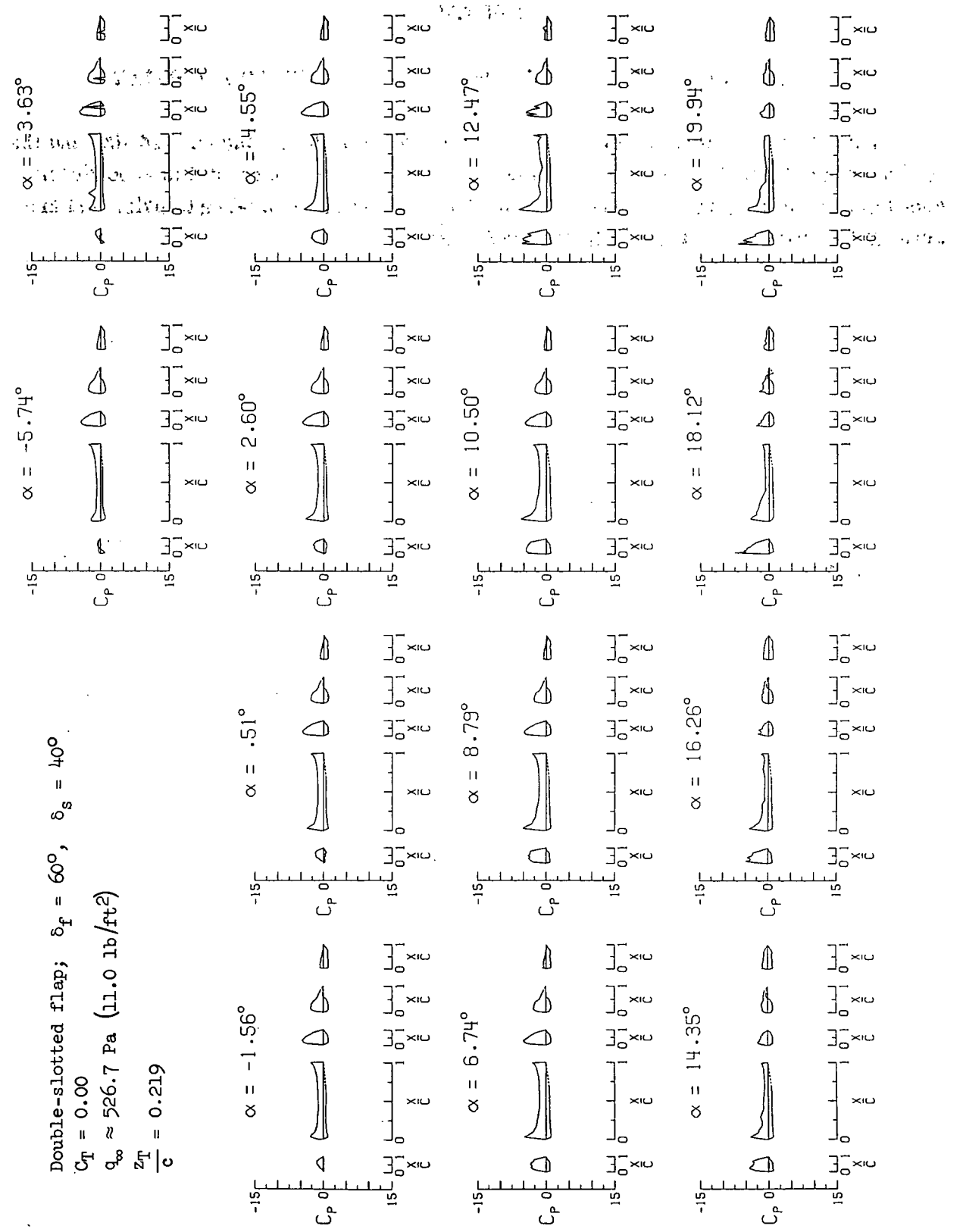
ALPHA = 20.15 DEGREES DYNAMIC PRESSURE = 10.908 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.73	0.000	-1.15	.075	-1.51	.025	-.86	.025	-10.07
.150	-3.51	.029	-2.05	.150	-2.09	.050	-1.72	.050	-8.76
.200	-3.40	.057	-2.16	.200	-2.55	.075	-2.32	.100	-7.99
.300	-3.25	.086	-2.21	.300	-2.70	.100	-2.57	.150	-7.66
.400	-3.24	.114	-1.87	.400	-2.35	.149	-2.53	.200	-6.96
.500	-3.25	.172	-2.03	.500	-2.32	.200	-2.38	.250	-6.06
.600	-3.05	.229	-2.52	.600	-2.27	.250	-2.69	.300	-5.02
.700	-2.64	.286	-2.11	.700	-1.89	.300	-2.63	.400	-3.52
.800	-1.91	.343	-1.95	.800	-1.65	.350	-2.40	.500	-2.05
		.400	-2.15			.400	-2.20	.600	-2.09
		.458	-2.10			.500	-1.81	.703	-2.44
		.571	-1.83			.600	-1.42	.826	-3.07
		.686	-1.47			.700	-1.50		
		.801	-1.35			.800	-1.29		
		.915	-1.63						
		.967	-1.25						
		.994	-1.71						
				LOWER	SURFACE				
.075	1.96	.029	1.41	.075	1.33	.025	.70	.025	6.33
.150	1.95	.057	1.83	.150	1.96	.050	1.16	.050	6.47
.200	1.93	.086	1.86	.200	2.14	.075	1.94	.100	7.09
.300	1.82	.114	1.92	.300	2.37	.100	1.72	.150	7.45
.400	1.73	.172	1.97	.400	2.42	.150	2.44	.200	7.75
.500	1.54	.229	2.00	.500	2.59	.200	2.92	.250	9.32
.600	1.42	.286	1.96	.600	2.68	.250	2.74	.300	8.06
.700	.84	.343	1.94	.700	2.59	.300	2.66	.400	9.00
.861	-.75	.400	2.01	.861	2.23	.350	3.40	.500	8.32
		.458	1.97			.400	3.80	.600	9.89
		.571	1.94			.500	2.85	.703	11.60
		.686	1.89			.600	-2.73	.756	12.12
						.700	-3.10		

APPENDIX J

PRESSURE DATA FOR $\delta_f = 60^o$, $\delta_s = 40^o$, AND SHORT PYLON

The pressure measurements made on the wing with the double-slotted flap and the leading-edge slat deflected $(\delta_f = 60^o$ and $\delta_s = 40^o)$ are presented in this appendix in coefficient form in graphs and tables. The data are for the short-length pylon and are arranged in order of increasing thrust coefficient.


Double-slotted flap; δ_f = 60°, δ_s = 40°
C_T = 0.00
q_∞ ≈ 526.7 Pa (11.0 lb/ft²)
$\frac{z_T}{c}$ = 0.219
α = -5.74°
α = -3.63°
α = -1.56°
α = .51°
α = 2.60°
α = 4.55°
α = 6.74°
α = 8.79°
α = 10.50°
α = 12.47°
α = 14.35°
α = 16.26°
α = 18.12°
α = 19.94°
C_P
-15
0
15
0
1
x/c

ALPHA = -5.75 DEGREES DYNAMIC PRESSURE = 11.004 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.99	0.000	-2.05	.075	-3.45	.025	-1.81	.025	-.95
.150	.66	.029	-2.22	.150	-4.18	.050	-2.02	.050	-.77
.200	.47	.057	-1.80	.200	-4.22	.075	-2.47	.100	-.80
.300	-.08	.086	-1.52	.300	-4.42	.100	-2.62	.150	-.80
.400	-.34	.114	-1.24	.400	-4.09	.149	-2.78	.200	-.82
.500	-.62	.172	-1.04	.500	-3.76	.200	-2.66	.250	-.74
.600	-.74	.229	-1.09	.600	-3.33	.250	-2.63	.300	-.67
.700	-.62	.286	-1.06	.700	-2.69	.300	-2.54	.400	-.62
.800	-.66	.343	-.95	.800	-2.27	.350	-2.39	.500	-.48
		.400	-.94			.400	-2.30	.600	-.36
		.458	-.88			.500	-1.63	.703	-.25
		.571	-.98			.600	-1.22	.826	-.08
		.686	-1.10			.700	-1.05		
		.801	-1.27			.800	-.76		
		.915	-1.72						
		.967	-2.10						
		.994	-2.75						
				LOWER	SURFACE				
.075	-.37	.029	.93	.075	.65	.025	.63	.025	1.06
.150	-.41	.057	1.01	.150	1.03	.050	.80	.050	1.05
.200	-.48	.086	.78	.200	1.06	.075	.94	.100	1.02
.300	-.40	.114	.67	.300	1.02	.100	1.02	.150	.99
.400	-.48	.172	.49	.400	1.01	.150	1.04	.200	.99
.500	-.48	.229	.42	.500	.94	.200	1.01	.250	.97
.600	-.48	.286	.38	.600	.88	.250	.98	.300	.94
.700	-.40	.343	.41	.700	.79	.300	.91	.400	.95
.861	-.22	.400	.39	.861	.33	.350	.83	.500	.78
		.458	.46			.400	.77	.600	.88
		.571	.39			.500	.52	.703	.91
		.686	.45			.600	-.14	.756	.90
						.700	-.18		

ALPHA = -3.63 DEGREES DYNAMIC PRESSURE = 10.941 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.93	0.000	-1.47	.075	-3.54	.025	-1.74	.025	-.91
.150	.65	.029	-2.53	.150	-4.21	.050	-2.06	.050	-.69
.200	.25	.057	-2.07	.200	-4.40	.075	-2.43	.100	-.72
.300	-.50	.086	-1.74	.300	-4.59	.100	-2.65	.150	-.75
.400	-.68	.114	-1.64	.400	-4.24	.149	-2.75	.200	-.72
.500	-.85	.172	-1.18	.500	-3.87	.200	-2.73	.250	-.70
.600	-1.08	.229	-2.67	.600	-3.54	.250	-2.70	.300	-.65
.700	-1.01	.286	-1.17	.700	-2.84	.300	-2.57	.400	-.63
.800	-1.04	.343	-1.06	.800	-2.23	.350	-2.53	.500	-.44
		.400	-1.01			.400	-2.34	.600	-.29
		.458	-1.01			.500	-1.64	.703	-.20
		.571	-1.08			.600	-1.24	.826	-.04
		.686	-1.16			.700	-1.02		
		.801	-1.34			.800	-.74		
		.915	-1.76						
		.967	-2.16						
		.994	-2.77						
				LOWER	SURFACE				
.075	-.11	.029	.94	.075	.56	.025	.61	.025	1.00
.150	-.04	.057	.98	.150	.98	.050	.79	.050	1.03
.200	-.13	.086	.84	.200	1.01	.075	.92	.100	1.00
.300	-.11	.114	.69	.300	1.01	.100	.98	.150	1.00
.400	-.12	.172	.61	.400	.98	.150	1.04	.200	.98
.500	-.25	.229	.53	.500	.95	.200	-1.63	.250	.96
.600	.37	.286	.44	.600	-4.10	.250	1.03	.300	-.56
.700	-.05	.343	.49	.700	.82	.300	.98	.400	.98
.861	-.05	.400	.49	.861	.34	.350	.94	.500	.81
		.458	.52			.400	.87	.600	.93
		.571	.53			.500	.60	.703	.93
		.686	.51			.600	-.08	.756	.92
						.700	-.14		

ALPHA = -1.57 DEGREES DYNAMIC PRESSURE = 10.882 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.04	0.000	-1.18	.075	-3.55	.025	-1.72	.025	-.87
.150	-.12	.029	-2.97	.150	-4.30	.050	-2.10	.050	-.67
.200	-.42	.057	-2.54	.200	-4.51	.075	-2.56	.100	-.72
.300	-.80	.086	-1.93	.300	-4.73	.100	-2.71	.150	-.75
.400	-1.03	.114	-1.71	.400	-4.26	.149	-2.85	.200	-.75
.500	-1.35	.172	-1.38	.500	-3.99	.200	-2.72	.250	-.72
.600	-1.42	.229	-1.31	.600	-3.45	.250	-2.74	.300	-.56
.700	-1.40	.286	-1.31	.700	-2.74	.300	-2.68	.400	-.56
.800	-.99	.343	-1.20	.800	-2.29	.350	-2.47	.500	-.39
		.400	-1.35			.400	-2.26	.600	-.29
		.458	-1.12			.500	-1.62	.703	-.20
		.571	-1.15			.600	-1.23	.826	.06
		.686	-1.28			.700	-1.04		
		.801	-1.37			.800	-.76		
		.915	-1.85						
		.967	-2.29						
		.994	-2.84						
				LOWER	SURFACE				
.075	.15	.029	.97	.075	.56	.025	.59	.025	1.04
.150	.01	.057	.94	.150	.99	.050	.81	.050	1.03
.200	.11	.086	.77	.200	1.05	.075	.94	.100	1.04
.300	.02	.114	.71	.300	1.05	.100	1.00	.150	1.02
.400	.01	.172	.55	.400	1.02	.150	1.07	.200	1.01
.500	.03	.229	.53	.500	.99	.200	1.05	.250	.99
.600	.03	.286	.52	.600	.93	.250	1.01	.300	.97
.700	.10	.343	.49	.700	.80	.300	1.01	.400	.94
.861	.08	.400	.45	.861	.35	.350	.90	.500	.82
		.458	.55			.400	.87	.600	.90
		.571	.54			.500	.61	.703	.91
		.686	.50			.600	-.06	.756	.91
						.700	-.12		

ALPHA = .52 DEGREES DYNAMIC PRESSURE = 10.918 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.19	0.000	-.65	.075	-3.65	.025	-1.90	.025	-.92
.150	-.32	.029	-3.72	.150	-4.38	.050	-2.18	.050	-.68
.200	-.73	.057	-2.96	.200	-4.54	.075	-2.49	.100	-.69
.300	-1.01	.086	-2.14	.300	-4.72	.100	-2.72	.150	-.74
.400	-1.61	.114	-1.95	.400	-4.39	.149	-2.93	.200	-.73
.500	-1.69	.172	-1.63	.500	-3.94	.200	-2.77	.250	-.68
.600	-1.72	.229	-1.51	.600	-3.55	.250	-2.71	.300	-.56
.700	-1.76	.286	-1.48	.700	-2.94	.300	-2.68	.400	-.53
.800	-1.52	.343	-1.29	.800	-2.32	.350	-2.51	.500	-.35
		.400	-1.23			.400	-2.36	.600	-.27
		.458	-1.24			.500	-1.61	.703	-.15
		.571	-1.23			.600	-1.22	.826	.07
		.686	-1.32			.700	-1.04		
		.801	-1.46			.800	-.75		
		.915	-1.84						
		.967	-2.28						
		.994	-2.87						
				LOWER	SURFACE				
.075	.32	.029	1.01	.075	.51	.025	.53	.025	.99
.150	.34	.057	.94	.150	.93	.050	.74	.050	.99
.200	.33	.086	.82	.200	1.01	.075	.88	.100	1.01
.300	.22	.114	.77	.300	1.01	.100	.96	.150	.99
.400	.23	.172	.68	.400	.99	.150	.99	.200	.99
.500	.47	.229	.59	.500	.94	.200	1.04	.250	.97
.600	.33	.286	.59	.600	.92	.250	1.00	.300	.99
.700	.61	.343	.59	.700	.80	.300	.97	.400	.96
.861	.32	.400	.56	.861	.31	.350	.92	.500	.79
		.458	.52			.400	.86	.600	.94
		.571	.55			.500	.60	.703	.90
		.686	.56			.600	-.04	.756	.91
						.700	-.13		

ALPHA = 2.61 DEGREES DYNAMIC PRESSURE = 10.926 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.33	0.000	-.50	.075	-3.61	.025	-1.80	.025	-.91
.150	-1.10	.029	-4.08	.150	-4.48	.050	-2.12	.050	-.64
.200	-1.59	.057	-3.28	.200	-4.58	.075	-2.56	.100	-.64
.300	-1.90	.086	-2.50	.300	-4.73	.100	-2.71	.150	-.69
.400	-2.12	.114	-2.19	.400	-4.36	.149	-2.86	.200	-.63
.500	-2.01	.172	-1.75	.500	-3.97	.200	-2.75	.250	-.65
.600	-2.37	.229	-1.69	.600	-3.56	.250	-2.74	.300	-.55
.700	-2.02	.286	-1.59	.700	-2.91	.300	-2.61	.400	-.50
.800	-1.88	.343	-1.42	.800	-2.41	.350	-2.52	.500	-.33
		.400	-1.37			.400	-2.30	.600	-.22
		.458	-1.29			.500	-1.57	.703	-.09
		.571	-1.35			.600	-1.18	.826	.12
		.686	-1.33			.700	-.97		
		.801	-1.50			.800	-.71		
		.915	-1.86						
		.967	-2.33						
		.994	-2.95						
				LOWER	SURFACE				
.075	.37	.029	1.01	.075	.60	.025	.54	.025	1.05
.150	.51	.057	.97	.150	1.00	.050	.78	.050	1.01
.200	.48	.086	.89	.200	1.05	.075	.89	.100	1.02
.300	.45	.114	.82	.300	1.07	.100	.96	.150	1.01
.400	.54	.172	.74	.400	1.02	.150	1.04	.200	.99
.500	.70	.229	.64	.500	1.00	.200	1.04	.250	1.01
.600	.67	.286	.62	.600	.93	.250	1.03	.300	.97
.700	.62	.343	.58	.700	.81	.300	.96	.400	.95
.861	.22	.400	.61	.861	.33	.350	.94	.500	.79
		.458	.59			.400	.91	.600	.91
		.571	.56			.500	.64	.703	.91
		.686	.55			.600	-.01	.756	.90
						.700	-.08		

ALPHA = 4.56 DEGREES DYNAMIC PRESSURE = 10.954 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.99	0.000	-.51	.075	-3.80	.025	-1.82	.025	-.87
.150	-1.74	.029	-4.34	.150	-4.54	.050	-2.14	.050	-.53
.200	-1.99	.057	-3.62	.200	-4.83	.075	-2.55	.100	-.61
.300	-2.38	.086	-2.87	.300	-4.95	.100	-2.64	.150	-.68
.400	-2.75	.114	-2.45	.400	-4.34	.149	-2.82	.200	-.63
.500	-2.57	.172	-1.95	.500	-4.06	.200	-2.64	.250	-.56
.600	-2.51	.229	-1.83	.600	-3.64	.250	-2.61	.300	-.50
.700	-2.44	.286	-1.69	.700	-2.79	.300	-2.69	.430	-.47
.830	-2.13	.343	-1.51	.800	-2.31	.350	-2.37	.500	-.30
		.400	-1.39			.400	-2.37	.600	-.20
		.458	-1.35			.500	-1.56	.703	-.05
		.571	-1.37			.600	-1.19	.826	.17
		.686	-1.41			.700	-.96		
		.801	-1.55			.800	-.69		
		.915	-2.01						
		.967	-2.48						
		.994	-3.02						
				LOWER	SURFACE				
.075	.46	.029	1.03	.075	.53	.025	.55	.025	.99
.150	.63	.057	.97	.150	.98	.050	.76	.050	1.03
.200	.68	.086	.96	.200	1.02	.075	.83	.100	1.02
.300	.72	.114	.86	.300	.99	.100	.95	.150	.97
.400	.75	.172	.79	.400	1.01	.150	1.04	.200	1.00
.500	.75	.229	.71	.500	.97	.200	1.05	.250	1.00
.600	.76	.286	.64	.600	.92	.250	1.06	.300	1.00
.700	.67	.343	.67	.700	.82	.300	1.01	.400	1.00
.861	.24	.400	.63	.861	.33	.350	.96	.500	.82
		.458	.59			.400	.92	.600	.94
		.571	.58			.500	.68	.733	.95
		.686	.55			.600	.02	.756	.94
						.700	-.04		

ALPHA = 6.75 DEGREES DYNAMIC PRESSURE = 10.977 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.58	0.000	-.66	.075	-3.77	.025	-1.73	.025	-.86
.150	-2.63	.029	-4.87	.150	-4.52	.050	-2.18	.050	-.42
.200	-3.03	.057	-3.83	.200	-4.79	.075	-2.52	.100	-.54
.300	-3.29	.086	-3.05	.300	-4.93	.100	-2.58	.150	-.58
.400	-3.08	.114	-2.69	.400	-4.41	.149	-2.79	.200	-.58
.500	-3.42	.172	-2.11	.500	-3.96	.200	-2.63	.250	-.51
.600	-3.23	.229	-2.01	.600	-3.51	.250	-2.62	.300	-.50
.700	-2.77	.286	-1.76	.700	-2.84	.300	-2.56	.400	-.40
.800	-2.71	.343	-1.65	.800	-2.35	.350	-2.38	.500	-.27
		.400	-1.45			.400	-2.36	.600	-.19
		.458	-1.40			.500	-1.42	.703	-.06
		.571	-1.44			.600	-1.15	.826	.16
		.686	-1.46			.700	-.95		
		.801	-1.57			.800	-.69		
		.915	-2.03						
		.967	-2.43						
		.994	-2.97						
				LOWER	SURFACE				
.075	.83	.029	1.06	.075	.56	.025	.52	.025	1.01
.150	.74	.057	1.03	.150	.98	.050	.73	.050	1.03
.200	.73	.086	.97	.200	1.02	.075	.81	.100	1.00
.300	.80	.114	.95	.300	1.02	.100	.92	.150	1.00
.400	.74	.172	.88	.400	.99	.150	1.03	.200	.99
.500	.77	.229	.80	.500	.98	.200	1.01	.250	1.01
.600	.73	.286	.74	.600	.89	.250	1.03	.300	.97
.700	.64	.343	.73	.700	.80	.300	.99	.400	.98
.861	.14	.400	.72	.861	.35	.350	.97	.500	.82
		.458	.70			.400	.89	.600	.92
		.571	.71			.500	.66	.703	.92
		.686	.66			.600	.02	.756	.91
						.700	-.04		

ALPHA = 8.80 DEGREES DYNAMIC PRESSURE = 10.952 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.88	0.000	-.85	.075	-3.71	.025	-1.72	.025	-.71
.150	-3.28	.029	-5.22	.150	-4.67	.050	-2.11	.050	-.37
.200	-3.58	.057	-4.32	.200	-4.81	.075	-2.54	.100	-.52
.300	-3.91	.086	-3.17	.300	-4.85	.100	-2.57	.150	-.52
.400	-3.59	.114	-2.94	.400	-4.53	.149	-2.66	.200	-.54
.500	-3.98	.172	-2.32	.500	-4.02	.200	-2.62	.250	-.47
.600	-3.58	.229	-2.19	.600	-3.60	.250	-2.54	.300	-.44
.700	-3.58	.286	-2.05	.700	-2.84	.300	-2.49	.400	-.40
.800	-3.36	.343	-1.81	.800	-2.29	.350	-2.30	.500	-.27
		.400	-1.64			.400	-2.24	.600	-.12
		.458	-1.57			.500	-1.47	.703	-.05
		.571	-1.54			.600	-1.13	.826	.19
		.686	-1.59			.700	-.84		
		.801	-1.69			.800	-.60		
		.915	-2.02						
		.967	-2.50						
		.994	-3.12						
				LOWER	SURFACE				
.075	.95	.029	.96	.075	.60	.025	.55	.025	1.04
.150	.86	.057	1.00	.150	.99	.050	.76	.050	1.05
.200	.85	.086	.97	.200	1.04	.075	.84	.100	1.05
.300	.79	.114	.96	.300	1.00	.100	.95	.150	1.00
.400	.80	.172	.88	.400	.99	.150	1.02	.200	1.00
.500	.74	.229	.82	.500	.96	.200	1.06	.250	1.00
.600	.74	.286	.78	.600	.91	.250	1.05	.300	.99
.730	.63	.343	.75	.700	.81	.300	.99	.400	1.00
.861	.11	.400	.74	.861	.31	.350	.96	.500	.80
		.458	.69			.400	.95	.600	.93
		.571	.69			.500	.72	.703	.95
		.686	.66			.600	.09	.756	.94
						.700	-.03		

ALPHA = 10.50 DEGREES DYNAMIC PRESSURE = 10.893 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.21	0.000	-1.11	.075	-3.64	.025	-1.63	.025	-.69
.150	-4.15	.029	-5.62	.150	-4.52	.050	-2.01	.050	-.32
.200	-4.51	.057	-4.75	.200	-4.69	.075	-2.43	.100	-.50
.300	-4.51	.086	-3.52	.300	-4.73	.100	-2.54	.150	-.49
.400	-4.41	.114	-3.11	.400	-4.35	.149	-2.62	.200	-.53
.500	-4.19	.172	-2.42	.500	-3.95	.200	-2.62	.250	-.47
.600	-4.06	.229	-2.26	.600	-3.53	.250	-2.52	.330	-.39
.700	-3.73	.286	-2.11	.700	-2.78	.300	-2.49	.400	-.37
.800	-3.53	.343	-1.79	.800	-2.27	.350	-2.32	.500	-.20
		.400	-1.72			.400	-2.14	.630	-.10
		.458	-1.57			.500	-1.35	.703	-.00
		.571	-1.54			.600	-1.03	.826	.20
		.686	-1.54			.700	-.81		
		.801	-1.66			.800	-.60		
		.915	-1.96						
		.967	-2.43						
		.994	-3.00						
				LOWER	SURFACE				
.075	1.02	.029	.92	.075	.56	.025	.55	.025	.98
.150	.95	.057	1.05	.150	1.00	.050	.73	.050	1.05
.200	.90	.086	.99	.200	1.01	.075	.80	.100	1.02
.300	.89	.114	1.00	.300	1.02	.100	.95	.150	1.30
.400	.83	.172	.91	.400	1.01	.150	1.01	.200	1.01
.500	.79	.229	.85	.500	.97	.200	1.01	.250	1.01
.600	.75	.296	.87	.600	.92	.250	1.04	.300	.99
.700	.60	.343	.84	.700	.81	.300	1.02	.400	.99
.861	.10	.400	.79	.861	.36	.350	.97	.530	.85
		.458	.75			.400	.96	.600	.94
		.571	.74			.500	.75	.703	.95
		.686	.72			.600	.08	.756	.93
						.700	.01		

ALPHA = 12.48 DEGREES DYNAMIC PRESSURE = 10.919 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.51	0.000	-1.28	.075	-3.54	.025	-1.56	.025	-.65
.150	-5.02	.029	-6.11	.150	-4.44	.050	-2.03	.050	-.36
.200	-3.79	.057	-4.93	.200	-2.24	.075	-1.99	.100	-.43
.300	-5.09	.086	-3.73	.300	-4.63	.100	-2.50	.150	-.46
.400	-5.29	.114	-3.23	.400	-4.08	.149	-2.30	.200	-.45
.500	-4.43	.172	-2.00	.500	-3.33	.200	-2.48	.250	-.45
.600	-3.37	.229	-1.39	.600	-1.57	.250	-2.32	.300	-.37
.700	-4.25	.286	-1.54	.700	-2.73	.300	-2.26	.400	-.34
.800	-3.17	.343	-1.89	.800	-1.88	.350	-2.20	.500	-.82
		.400	-1.62			.400	-2.03	.600	-.08
		.458	-1.67			.500	-1.27	.703	.02
		.571	-.92			.600	-.86	.826	.02
		.686	-1.51			.700	-.75		
		.801	-1.66			.800	-.51		
		.915	-1.95						
		.967	-1.25						
		.994	-2.96						
				LOWER	SURFACE				
.075	1.03	.029	.87	.075	.62	.025	.54	.025	1.02
.150	.98	.057	1.01	.150	.97	.050	.75	.050	1.02
.200	.93	.086	1.01	.200	1.03	.075	.84	.100	1.04
.300	.87	.114	.98	.300	.99	.100	.92	.150	.99
.400	.79	.172	.96	.400	.97	.150	1.00	.200	.98
.500	.79	.229	.92	.500	.96	.200	.98	.250	.99
.600	.75	.286	.90	.600	.91	.250	1.00	.300	.93
.700	.66	.343	.82	.700	.87	.300	.99	.400	.96
.861	-.01	.400	.81	.861	.34	.350	.97	.500	.81
		.458	.78			.400	.93	.600	.95
		.571	.76			.500	.54	.703	.93
		.686	.72			.600	.05	.756	.85
						.700	.07		

ALPHA = 14.35 DEGREES DYNAMIC PRESSURE = 10.930 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.98	0.000	-.86	.075	-1.63	.025	-.79	.025	-1.35
.150	-3.49	.029	-4.07	.150	-2.16	.050	-.96	.050	-1.03
.200	-4.17	.057	-3.09	.200	-2.29	.075	-1.16	.100	-1.14
.300	-4.13	.086	-2.23	.300	-1.86	.100	-1.17	.150	-1.16
.400	-3.55	.114	-2.12	.400	-1.69	.149	-1.26	.200	-1.23
.500	-3.33	.172	-1.42	.500	-1.55	.202	-1.26	.250	-1.Jd
.600	-3.26	.229	-1.35	.600	-1.53	.250	-1.36	.300	-1.07
.700	-3.61	.286	-1.76	.700	-1.22	.300	-1.38	.400	-.93
.800	-2.63	.343	-1.39	.800	-1.09	.350	-1.30	.500	-.92
		.400	-1.01			.400	-1.25	.630	-.82
		.458	-1.12			.500	-.92	.733	-.83
		.571	-.99			.600	-1.01	.826	-.59
		.686	-.79			.700	-.91		
		.801	-.86			.800	-.85		
		.915	-.96						
		.967	-1.24						
		.994	-1.48						
				LOWER	SURFACE				
.075	1.02	.029	1.00	.075	.68	.025	.80	.025	.99
.150	.97	.057	.98	.150	1.02	.050	.91	.050	1.06
.200	.90	.096	.98	.200	1.03	.075	.95	.100	1.03
.300	.85	.114	.95	.300	1.01	.100	.97	.150	.99
.400	.81	.172	.87	.400	.98	.150	1.34	.200	.96
.500	.83	.229	.82	.500	.99	.200	1.05	.250	.99
.600	.81	.296	.79	.600	.98	.250	.99	.300	1.00
.700	.61	.343	.78	.700	.84	.300	1.01	.400	.95
.861	.14	.400	.72	.861	.59	.350	.91	.500	.83
		.458	.74			.400	.90	.600	.90
		.571	.74			.500	.56	.703	.94
		.686	.70			.600	-.34	.756	.85
						.700	-.42		

ALPHA = 16.27 DEGREES DYNAMIC PRESSURE = 10.939 LBF/SQ.FT.

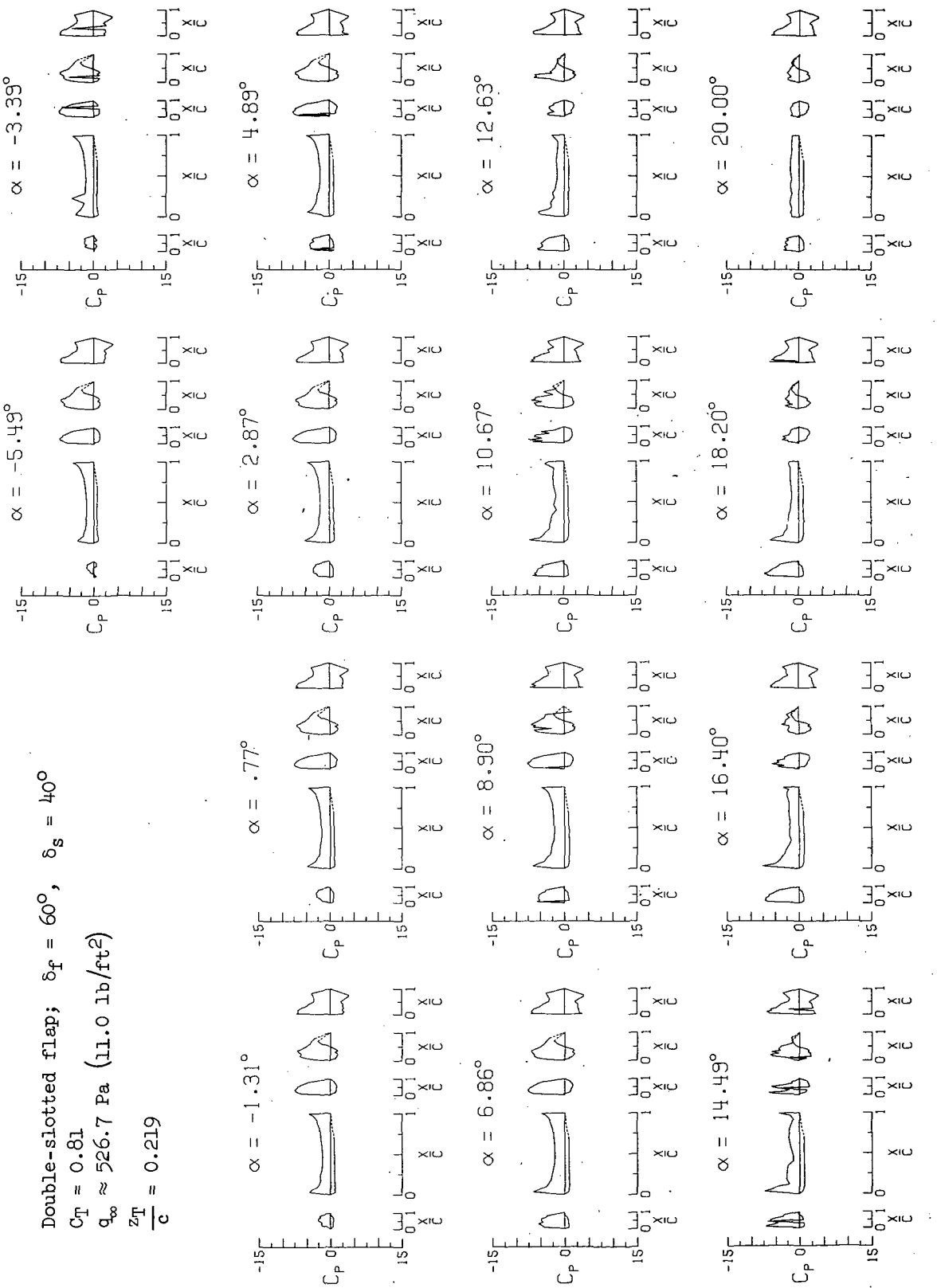
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.41	0.000	-.65	.075	-1.29	.025	-.80	.025	-1.35
.150	-5.01	.029	-4.21	.150	-2.37	.050	-1.03	.050	-1.03
.200	-4.03	.057	-3.13	.200	-1.68	.075	-1.28	.100	-1.17
.300	-3.91	.096	-2.55	.300	-1.57	.100	-1.29	.150	-1.17
.400	-4.53	.114	-1.95	.400	-2.13	.149	-1.46	.200	-1.19
.500	-3.62	.172	-1.50	.500	-1.29	.200	-1.41	.250	-1.08
.600	-3.35	.229	-1.27	.600	-1.29	.250	-1.33	.300	-1.04
.700	-3.27	.286	-1.23	.700	-1.10	.300	-1.49	.400	-1.00
.800	-2.18	.343	-1.27	.800	-.82	.350	-1.42	.530	-.97
		.400	-.73			.400	-1.14	.600	-.91
		.458	-.81			.500	-1.20	.703	-.73
		.571	-.74			.600	-.99	.826	-.64
		.686	-.72			.700	-.95		
		.801	-1.09			.800	-.82		
		.915	-.80						
		.967	-.93						
		.994	-1.59						
				LOWER	SURFACE				
.075	1.01	.029	.95	.075	.74	.025	.76	.025	1.01
.150	.95	.057	.98	.150	.99	.050	.90	.050	1.03
.200	.91	.086	.99	.200	1.02	.075	.95	.100	1.02
.300	.89	.114	.96	.300	1.03	.100	.98	.150	1.01
.400	.82	.172	.91	.400	.97	.150	1.03	.200	.96
.530	.82	.229	.83	.500	.97	.200	1.05	.250	.99
.600	.78	.286	.83	.600	.96	.250	.99	.300	.97
.700	.66	.343	.83	.700	.87	.300	1.00	.400	.96
.861	.14	.400	.76	.861	.60	.350	.87	.500	.83
		.458	.79			.400	.86	.600	.88
		.571	.73			.500	.55	.703	.91
		.686	.70			.600	-.38	.756	.88
						.700	-.43		

ALPHA = 18.12 DEGREES DYNAMIC PRESSURE = 10.957 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-7.55	0.000	-.85	.075	-2.90	.025	-.75	.025	-.68
.150	-5.06	.029	-4.21	.150	-2.15	.050	-.81	.050	-.98
.200	-5.61	.057	-3.68	.200	-2.36	.075	-.89	.100	-1.12
.300	-4.92	.086	-2.68	.300	-1.72	.100	-2.27	.150	-1.21
.400	-4.88	.114	-2.82	.400	-1.85	.149	-1.49	.200	-1.19
.500	-3.96	.172	-2.33	.500	-1.37	.200	-1.30	.250	-.78
.600	-3.69	.229	-2.14	.600	-1.23	.250	-1.29	.300	-.51
.700	-3.12	.286	-1.77	.700	-1.10	.300	-1.36	.400	-.93
.800	-2.37	.343	-1.26	.800	-.84	.350	-1.31	.500	-.66
		.400	-.74			.400	-1.55	.600	-.60
		.458	-.87			.500	-1.07	.703	-.54
		.571	-.78			.600	-.80	.826	-.58
		.686	-.86			.703	-.71		
		.801	-.98			.800	.95		
		.915	-1.00						
		.967	-1.30						
		.994	-1.47						
				LOWER SURFACE					
.075	.20	.029	.77	.075	.61	.025	.74	.025	.77
.150	.98	.057	.96	.150	.99	.050	.90	.050	1.02
.200	.97	.086	1.02	.200	1.05	.075	.96	.100	1.05
.300	.92	.114	.99	.300	1.04	.100	.95	.150	1.02
.400	.84	.172	.94	.400	.97	.150	1.02	.200	.97
.500	.80	.229	.93	.500	.98	.200	1.01	.250	.99
.600	.72	.286	.93	.600	.93	.250	.98	.300	.98
.700	.58	.343	.86	.700	.85	.300	1.00	.400	.94
.861	.14	.400	.78	.861	.60	.350	.93	.500	.83
		.458	.79			.400	.88	.600	.93
		.571	.76			.500	.59	.703	.92
		.686	.74			.600	-.32	.756	.90
						.700	-.25		

ALPHA = 19.94 DEGREES DYNAMIC PRESSURE = 10.968 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-6.86	0.000	-1.15	.075	-1.62	.025	-.92	.025	-1.14
.150	-5.47	.029	-4.68	.150	-1.74	.050	-.73	.050	-.67
.200	-3.70	.057	-4.57	.200	-1.60	.075	-1.09	.100	-.85
.300	-5.72	.086	-2.80	.300	-2.18	.100	-1.34	.150	-.93
.400	-5.03	.114	-2.60	.400	-1.81	.149	-1.29	.200	-.86
.500	-4.06	.172	-2.22	.500	-1.24	.200	-1.29	.250	-.87
.600	-2.98	.229	-2.05	.600	-1.05	.250	-1.34	.300	-1.02
.700	-3.11	.286	-2.18	.700	-1.09	.300	-1.25	.400	-.78
.800	-2.45	.343	-1.69	.800	-.87	.350	-1.30	.500	-.72
		.400	-.79			.400	-1.37	.600	-.60
		.458	-.87			.500	-.99	.703	-.58
		.571	-.65			.600	-.79	.826	-.39
		.686	-.94			.700	-.76		
		.801	-1.08			.800	-.80		
		.915	-1.14						
		.967	-1.00						
		.994	-1.14						
				LOWER SURFACE					
.075	.96	.029	.83	.075	.79	.025	.81	.025	1.03
.150	1.01	.057	.97	.150	1.01	.050	.86	.050	1.04
.200	.98	.086	1.01	.200	1.01	.075	.98	.100	1.01
.300	.96	.114	1.00	.300	1.04	.100	1.02	.150	1.03
.400	.91	.172	.97	.400	1.02	.150	1.01	.200	1.02
.500	.80	.229	.93	.500	.95	.200	1.05	.250	.96
.600	.76	.286	.85	.600	.95	.250	1.03	.300	.99
.700	.74	.343	.86	.700	.92	.300	1.00	.400	.99
.861	.23	.400	.86	.861	.63	.350	.95	.500	.79
		.458	.79			.400	.88	.600	.93
		.571	.78			.500	.59	.703	.91
		.686	.74			.600	-.15	.756	.89
						.700	-.24		


Double-slotted flap; δ_f = 60°, δ_s = 40°
C_T = 0.81
q_∞ ≈ 526.7 Pa (11.0 lb/ft²)
$\frac{z_T}{c}$ = 0.219
α = -5.49°
α = -3.39°
α = -1.31°
α = .77°
α = 2.87°
α = 4.89°
α = 6.86°
α = 8.90°
α = 10.67°
α = 12.63°
α = 14.49°
α = 16.40°
α = 18.20°
α = 20.00°
C_P
x/c

ALPHA = -5.50 DEGREES DYNAMIC PRESSURE = 10.992 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.53	0.300	-1.06	.075	-5.69	.025	-2.89	.025	-6.99
.150	.15	.029	-3.38	.150	-6.37	.050	-3.99	.050	-6.79
.200	-.09	.057	-2.78	.200	-6.86	.075	-4.92	.100	-6.89
.300	-.77	.086	-2.08	.300	-7.20	.100	-5.47	.150	-6.89
.400	-.86	.114	-2.10	.400	-6.68	.149	-6.24	.230	-6.59
.500	-1.29	.172	-1.68	.500	-6.45	.200	-5.97	.250	-5.96
.600	-1.52	.229	-1.63	.600	-5.92	.250	-6.36	.330	-5.16
.700	-1.40	.286	-1.64	.700	-5.17	.300	-6.79	.400	-4.46
.800	-1.31	.343	-1.45	.800	-4.43	.350	-6.76	.530	-3.50
		.400	-1.41			.400	-5.99	.600	-3.39
		.458	-1.41			.500	-5.00	.703	-3.47
		.571	-1.51			.600	-4.29	.826	-3.93
		.686	-1.70			.700	-4.03		
		.801	-1.97			.800	-3.26		
		.915	-2.72						
		.967	-3.43						
		.994	-4.31						
				LOWER	SURFACE				
.075	.04	.029	.98	.075	.10	.025	.33	.025	2.33
.150	-.06	.057	.94	.150	.94	.050	.77	.050	2.18
.200	-.08	.086	.86	.200	1.12	.075	1.17	.100	2.12
.300	-.20	.114	.76	.300	1.19	.100	1.05	.150	2.27
.400	-.02	.172	.67	.400	1.19	.150	1.34	.200	2.43
.500	-.23	.229	.68	.500	1.21	.200	1.33	.250	2.39
.600	-.03	.286	.64	.600	1.21	.250	1.35	.300	2.31
.700	.54	.343	.65	.700	1.10	.300	.81	.400	2.64
.861	.53	.400	.65	.861	.73	.350	1.29	.500	2.16
		.458	.66			.400	1.12	.600	2.95
		.571	.70			.500	.08	.703	3.87
		.686	.73			.600	-2.01	.756	4.01
						.700	-2.57		

ALPHA = -3.39 DEGREES DYNAMIC PRESSURE = 10.939 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.01	0.000	-.98	.075	-5.96	.025	-2.94	.025	-7.04
.150	.15	.029	-3.77	.150	-6.40	.050	-4.03	.050	-6.66
.200	-.78	.057	-3.28	.200	-7.03	.075	-4.96	.100	-6.97
.300	-1.88	.086	-2.71	.300	-7.22	.100	-5.51	.150	-6.76
.400	-1.45	.114	-2.36	.400	-6.86	.149	-6.17	.200	-6.54
.500	-1.93	.172	-1.80	.500	-6.66	.200	-6.07	.250	-5.97
.600	-1.88	.229	-4.45	.600	-6.04	.250	-6.42	.300	-5.23
.700	-1.71	.286	-1.74	.700	-5.26	.300	-6.90	.400	-4.49
.800	-1.94	.343	-1.67	.800	-4.49	.350	-6.88	.500	-3.53
		.400	-1.64			.400	-6.19	.600	-3.28
		.458	-1.53			.500	-5.03	.703	-3.48
		.571	-1.61			.600	-4.41	.826	-3.92
		.686	-1.84			.700	-3.93		
		.801	-2.09			.803	-3.35		
		.915	-2.84						
		.967	-3.58						
		.994	-4.34						
				LOWER	SURFACE				
.075	.14	.029	1.31	.075	.10	.025	.18	.025	2.50
.150	.11	.057	.93	.150	.92	.050	.75	.050	2.34
.200	.26	.086	.99	.200	1.10	.075	1.04	.100	2.12
.300	.58	.114	.80	.300	1.18	.100	1.08	.150	2.58
.400	.57	.172	.76	.400	1.24	.150	1.34	.200	2.53
.500	.08	.229	.72	.500	1.22	.203	-5.16	.250	2.52
.600	-.10	.286	.68	.600	-6.60	.250	1.32	.300	-4.52
.700	.64	.343	.71	.700	1.01	.300	.74	.400	2.75
.861	.24	.400	.71	.861	.65	.350	1.42	.500	2.03
		.458	.72			.400	1.06	.600	2.98
		.571	.72			.500	-.28	.703	3.85
		.686	.74			.600	-2.03	.756	3.91
						.700	-2.61		

ALPHA = -1.31 DEGREES DYNAMIC PRESSURE = 10.971 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.29	0.000	-.57	.075	-6.06	.025	-2.85	.025	-7.03
.150	-.76	.029	-4.40	.150	-6.79	.050	-4.01	.050	-6.65
.200	-1.67	.057	-3.85	.200	-7.13	.075	-5.01	.100	-6.77
.300	-1.83	.086	-2.85	.300	-7.41	.100	-5.67	.150	-6.70
.400	-1.72	.114	-2.42	.400	-7.04	.149	-6.34	.200	-6.50
.500	-2.44	.172	-2.07	.500	-6.81	.200	-6.11	.250	-5.98
.600	-2.53	.229	-2.16	.600	-6.20	.250	-6.29	.330	-5.13
.700	-2.01	.286	-1.88	.700	-5.42	.300	-6.83	.400	-4.50
.800	-2.16	.343	-1.75	.800	-4.54	.350	-6.88	.500	-3.44
		.400	-1.71			.400	-6.11	.600	-3.34
		.458	-1.65			.500	-5.16	.703	-3.57
		.571	-1.76			.600	-4.31	.826	-3.93
		.686	-1.98			.700	-4.00		
		.801	-2.14			.800	-3.31		
		.915	-2.89						
		.967	-3.65						
		.994	-4.59						
				LOWER	SURFACE				
.075	.27	.029	1.01	.075	.13	.025	.09	.025	2.70
.150	.45	.057	.98	.150	.90	.050	.51	.050	2.58
.200	.59	.086	.91	.200	1.08	.075	1.08	.130	2.91
.300	.61	.114	.85	.300	1.22	.100	1.08	.150	2.59
.400	.54	.172	.83	.400	1.23	.150	1.39	.200	2.52
.500	.68	.229	.81	.500	1.32	.200	1.42	.250	2.82
.600	.69	.286	.74	.600	1.29	.250	1.38	.300	2.58
.700	.63	.343	.80	.700	1.10	.300	.94	.400	2.66
.861	.19	.400	.76	.861	.72	.350	1.46	.500	2.20
		.458	.78			.400	1.08	.630	2.96
		.571	.72			.500	-.08	.703	3.80
		.686	.75			.600	-1.99	.756	3.93
						.700	-2.66		

ALPHA = .77 DEGREES DYNAMIC PRESSURE = 10.970 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.43	0.000	-.77	.075	-6.18	.025	-2.91	.025	-7.10
.150	-1.64	.029	-4.84	.150	-6.83	.050	-4.08	.050	-6.52
.200	-1.85	.057	-3.97	.200	-7.30	.075	-5.08	.100	-6.92
.300	-2.34	.086	-3.07	.300	-7.49	.100	-5.78	.150	-6.69
.400	-2.85	.114	-2.80	.400	-7.19	.149	-6.21	.200	-6.46
.500	-2.76	.172	-2.24	.500	-6.85	.200	-6.21	.250	-5.92
.600	-2.94	.229	-2.18	.600	-6.29	.250	-6.48	.300	-5.10
.700	-2.61	.286	-2.07	.700	-5.39	.300	-6.91	.400	-4.41
.800	-2.47	.343	-1.91	.800	-4.53	.350	-6.93	.500	-3.48
		.400	-1.78			.400	-6.12	.600	-3.30
		.458	-1.77			.500	-5.09	.703	-3.50
		.571	-1.85			.600	-4.37	.826	-3.87
		.686	-1.98			.700	-3.93		
		.801	-2.29			.800	-3.26		
		.915	-2.92						
		.967	-3.77						
		.994	-4.64						
				LOWER	SURFACE				
.075	.68	.029	.95	.075	.00	.025	.08	.025	2.88
.150	.65	.057	.99	.150	.88	.050	.59	.050	2.73
.200	.61	.086	.95	.200	1.12	.075	1.04	.100	2.57
.300	.71	.114	.98	.300	1.23	.100	.95	.150	2.64
.400	.71	.172	.85	.400	1.24	.150	1.39	.200	2.74
.500	.72	.229	.83	.500	1.31	.200	1.64	.250	2.77
.600	.70	.286	.91	.600	1.46	.250	1.49	.300	2.83
.700	.61	.343	.76	.700	1.13	.300	.96	.400	2.69
.861	.13	.400	.77	.861	.69	.350	1.64	.500	2.15
		.458	.77			.400	1.29	.600	2.99
		.571	.76			.500	.03	.703	3.92
		.686	.78			.600	-1.85	.756	3.96
						.700	-2.48		

ALPHA = 2.88 DEGREES DYNAMIC PRESSURE = 10.961 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.28	0.000	-.78	.075	-6.39	.025	-2.92	.025	-6.88
.150	-2.62	.029	-5.27	.150	-6.90	.050	-4.20	.050	-6.59
.200	-2.56	.057	-4.25	.200	-7.33	.075	-5.43	.100	-6.94
.300	-3.46	.086	-3.43	.300	-7.75	.100	-5.76	.150	-6.63
.400	-3.35	.114	-3.00	.400	-7.29	.149	-6.36	.200	-6.46
.500	-3.50	.172	-2.48	.500	-6.93	.200	-6.19	.250	-5.80
.600	-3.31	.229	-2.24	.600	-6.28	.250	-6.41	.300	-5.17
.700	-2.94	.286	-2.25	.700	-5.58	.300	-6.95	.400	-4.37
.800	-2.89	.343	-2.02	.800	-4.74	.350	-6.87	.500	-3.40
		.400	-1.95			.400	-6.28	.600	-3.31
		.458	-1.86			.500	-4.99	.703	-3.46
		.571	-1.90			.600	-4.26	.826	-3.88
		.686	-2.12			.700	-4.02		
		.801	-2.36			.800	-3.28		
		.915	-3.06						
		.967	-3.76						
		.994	-4.66						
				LOWER	SURFACE				
.075	.80	.029	.97	.075	-.01	.025	-.00	.025	3.02
.150	.81	.057	.98	.150	.85	.050	.40	.050	2.84
.200	.76	.086	.97	.200	1.05	.075	.89	.100	2.90
.300	.79	.114	.95	.300	1.24	.100	.93	.150	2.85
.400	.74	.172	.92	.400	1.25	.150	1.34	.200	2.76
.500	.76	.229	.85	.500	1.26	.200	1.62	.250	2.57
.600	.70	.286	.84	.600	1.43	.250	1.60	.300	2.81
.700	.59	.343	.80	.700	1.23	.300	1.18	.400	2.63
.861	.13	.400	.85	.861	.83	.350	1.61	.500	2.15
		.458	.82			.400	1.29	.600	2.92
		.571	.79			.500	-.07	.703	3.87
		.686	.81			.600	-1.91	.756	3.97
						.700	-2.45		

ALPHA = 4.90 DEGREES DYNAMIC PRESSURE = 10.939 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.13	0.300	-1.19	.075	-6.57	.025	-2.82	.025	-6.84
.150	-3.26	.029	-2.03	.150	-7.16	.050	-4.16	.050	-6.47
.200	-4.00	.057	-4.61	.200	-7.45	.075	-5.20	.100	-6.82
.300	-4.09	.086	-3.65	.300	-7.72	.100	-5.77	.150	-6.60
.400	-4.19	.114	-3.34	.400	-7.05	.149	-6.39	.200	-6.48
.500	-4.04	.172	-2.72	.500	-7.06	.200	-6.29	.250	-5.86
.600	-3.32	.229	-2.56	.600	-6.30	.250	-6.52	.300	-5.20
.700	-3.69	.286	-2.43	.700	-5.53	.300	-7.04	.400	-4.45
.800	-3.40	.343	-2.14	.800	-4.71	.350	-7.06	.500	-3.40
		.400	-2.01			.400	-6.30	.600	-3.27
		.458	-1.97			.500	-5.14	.703	-3.33
		.571	-1.91			.600	-4.27	.826	-3.91
		.686	-2.18			.700	-3.95		
		.801	-2.35			.800	-3.14		
		.915	-3.11						
		.967	-3.87						
		.994	-4.85						
				LOWER	SURFACE				
.075	.95	.029	.89	.075	-.23	.025	-.23	.025	3.48
.150	-4.01	.057	1.00	.150	-6.31	.050	.54	.050	4.02
.200	.84	.086	.98	.200	1.11	.075	.98	.100	2.70
.300	.81	.114	.95	.300	1.22	.100	1.03	.150	2.68
.400	.81	.172	.95	.400	1.36	.150	1.67	.200	2.84
.500	.76	.229	.89	.500	1.49	.200	1.86	.250	2.88
.600	.72	.286	.88	.600	1.60	.250	1.98	.300	2.81
.700	.58	.343	.86	.700	1.48	.300	1.35	.400	2.68
.861	.07	.400	.83	.861	.87	.350	1.75	.500	2.16
		.458	.87			.400	1.50	.600	2.94
		.571	.83			.500	-.07	.703	3.91
		.686	.82			.600	-1.84	.756	3.97
						.700	-2.22		

ALPHA = 6.86 DEGREES DYNAMIC PRESSURE = 10.871 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.21	0.000	-1.54	.075	-6.50	.025	-2.76	.025	-7.05
.150	-4.56	.029	-4.54	.150	-7.06	.050	-4.22	.050	-6.56
.200	-4.74	.057	-5.26	.200	-7.41	.075	-5.17	.100	-6.89
.300	-5.35	.086	-3.97	.300	-7.62	.100	-5.86	.150	-6.68
.400	-4.42	.114	-3.56	.400	-7.39	.149	-6.26	.200	-6.44
.500	-4.82	.172	-2.93	.500	-6.87	.200	-6.25	.250	-5.86
.600	-4.79	.229	-2.73	.600	-6.18	.250	-6.64	.300	-5.05
.700	-3.87	.286	-2.52	.700	-5.58	.300	-6.96	.400	-4.34
.800	-3.55	.343	-2.31	.800	-4.66	.350	-6.99	.500	-3.35
		.400	-2.13			.400	-6.17	.600	-3.13
		.458	-2.10			.500	-4.95	.703	-3.45
		.571	-2.15			.600	-4.20	.826	-3.82
		.686	-2.28			.700	-3.79		
		.801	-2.49			.800	-3.19		
		.915	-3.14						
		.967	-3.88						
		.994	-4.83						
				LOWER	SURFACE				
.075	.92	.029	.85	.075	-.24	.025	-.20	.025	3.66
.150	.98	.057	.97	.150	.87	.050	.47	.050	3.01
.200	.91	.086	.96	.200	1.12	.075	1.36	.100	3.02
.300	.86	.114	.96	.300	1.32	.100	.97	.150	2.92
.400	.80	.172	.91	.400	1.40	.150	1.69	.200	2.94
.500	.77	.229	.89	.500	1.60	.200	1.93	.250	2.78
.600	.72	.286	.87	.600	1.72	.250	1.97	.300	2.70
.700	.58	.343	.86	.700	1.58	.300	1.51	.400	2.73
.861	.01	.400	.85	.861	1.08	.350	1.92	.500	2.14
		.458	.82			.400	1.63	.600	2.92
		.571	.83			.500	-.38	.703	3.93
		.686	.82			.600	-1.69	.756	3.98
						.700	-2.29		

ALPHA = 8.90 DEGREES DYNAMIC PRESSURE = 10.823 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.72	0.000	-1.99	.075	-6.55	.025	-2.83	.025	-7.14
.150	-5.13	.029	-6.62	.150	-7.06	.050	-4.27	.050	-6.47
.200	-5.25	.057	-5.48	.200	-7.23	.075	-5.33	.100	-5.80
.300	-5.44	.086	-4.12	.300	-7.72	.100	-5.89	.150	-6.76
.400	-5.24	.114	-3.87	.400	-7.33	.149	-6.32	.200	-5.99
.500	-5.24	.172	-3.00	.500	-6.99	.200	-6.66	.250	-5.82
.600	-4.73	.229	-2.82	.600	-6.62	.250	-6.53	.300	-5.03
.700	-3.90	.286	-2.65	.700	-5.61	.300	-5.96	.400	-4.35
.800	-3.87	.343	-2.30	.800	-4.53	.350	-6.95	.500	-3.19
		.400	-2.24			.400	-6.10	.600	-3.20
		.458	-2.12			.500	-5.01	.703	-3.39
		.571	-2.21			.600	-4.01	.826	-3.82
		.686	-2.30			.700	-3.86		
		.801	-2.49			.800	1.63		
		.915	-3.14						
		.967	-3.80						
		.994	-4.82						
				LOWER	SURFACE				
.075	-4.38	.029	.79	.075	-3.95	.025	-.30	.025	3.99
.150	.95	.057	.94	.150	.86	.050	.46	.050	3.10
.200	.91	.086	1.01	.200	1.15	.075	1.06	.100	3.02
.300	.90	.114	.98	.300	1.41	.100	1.25	.150	3.06
.400	.83	.172	.92	.400	1.58	.150	1.99	.200	2.99
.500	.77	.229	.97	.500	1.72	.200	2.01	.250	2.96
.600	.75	.286	.93	.600	1.75	.250	2.20	.300	2.80
.700	.52	.343	.94	.700	1.71	.300	1.59	.400	2.66
.861	-.11	.400	.91	.861	1.37	.350	1.98	.500	2.12
		.458	.93			.400	1.63	.600	2.87
		.571	.85			.500	-.36	.703	3.95
		.686	.86			.600	-1.65	.756	3.96
						.700	-2.19		

ALPHA = 10.68 DEGREES DYNAMIC PRESSURE = 10.882 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.49	0.000	-1.86	.075	-6.48	.025	-2.06	.025	-7.06
.150	-5.69	.029	-7.22	.150	-4.54	.050	-3.99	.050	-6.24
.200	-6.10	.057	-4.86	.200	-7.48	.075	-3.99	.100	-6.78
.300	-5.59	.086	-4.32	.300	-4.52	.100	-5.66	.150	-6.04
.400	-5.56	.114	-3.95	.400	-6.19	.149	-5.79	.200	-6.34
.500	-5.30	.172	-2.95	.500	-5.97	.200	-6.11	.250	-5.36
.600	-4.39	.229	-3.01	.600	-3.05	.250	-4.45	.300	-4.83
.700	-4.50	.286	-2.70	.700	-4.84	.300	-6.72	.400	-3.05
.800	-3.07	.343	-2.40	.800	-1.94	.350	-5.87	.500	-3.35
		.400	-1.55			.400	-5.83	.600	-2.16
		.458	-2.12			.500	-2.21	.703	-2.93
		.571	-1.61			.600	-4.17	.826	-3.33
		.686	-2.12			.700	-1.78		
		.801	-2.30			.800	-2.31		
		.915	-2.09						
		.967	-3.94						
		.994	-3.15						
				LOWER	SURFACE				
.075	.83	.029	.68	.075	.02	.025	-.23	.025	3.53
.150	.97	.057	.89	.150	1.04	.050	.72	.050	3.40
.200	.91	.086	.98	.200	1.18	.075	1.17	.100	3.12
.300	.87	.114	.95	.300	1.42	.100	1.47	.150	2.96
.400	.83	.172	.99	.400	1.64	.150	2.02	.200	2.89
.500	.79	.229	.97	.500	1.73	.200	2.05	.250	2.90
.600	.71	.286	.98	.600	1.74	.250	2.06	.300	2.59
.700	.58	.343	.88	.700	1.60	.300	1.85	.400	2.64
.861	-.19	.400	.95	.861	1.51	.350	1.88	.500	2.10
		.458	.90			.400	1.68	.600	2.97
		.571	.88			.500	-.23	.703	4.00
		.686	.87			.600	-1.24	.756	3.87
						.700	-1.86		

ALPHA = 12.63 DEGREES DYNAMIC PRESSURE = 10.917 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.33	0.000	-1.50	.075	-3.23	.025	-1.23	.025	-6.05
.150	-5.64	.029	-5.07	.150	-3.62	.050	-2.01	.050	-6.41
.200	-4.97	.057	-5.29	.200	-3.45	.075	-2.73	.100	-6.53
.300	-4.55	.086	-3.33	.300	-2.10	.100	-2.90	.150	-6.45
.400	-4.53	.114	-2.61	.400	-2.39	.149	-4.30	.200	-5.27
.500	-4.82	.172	-2.74	.500	-3.17	.200	-5.75	.250	-4.62
.600	-4.34	.229	-2.02	.600	-3.04	.250	-6.07	.300	-3.84
.700	-3.88	.286	-2.35	.700	-2.22	.300	-2.56	.400	-3.03
.800	-3.35	.343	-1.88	.800	-2.17	.350	-2.93	.500	-2.18
		.400	-1.77			.400	-2.52	.600	-1.96
		.458	-1.50			.500	-1.93	.703	-2.27
		.571	-1.52			.600	-1.70	.826	-2.94
		.686	-1.69			.700	-1.42		
		.801	-1.46			.800	-1.43		
		.915	-1.30						
		.967	-2.10						
		.994	-2.60						
				LOWER	SURFACE				
.075	.97	.029	.82	.075	-.00	.025	.05	.025	3.60
.150	.98	.057	.92	.150	.77	.050	.86	.050	3.18
.200	.96	.086	.93	.200	1.37	.075	1.32	.100	3.22
.300	.92	.114	.98	.300	1.46	.100	1.23	.150	2.96
.400	.89	.172	.99	.400	1.49	.150	1.99	.200	2.85
.500	.81	.229	.96	.500	1.75	.200	2.11	.250	2.91
.600	.76	.286	.92	.600	1.93	.250	2.41	.300	2.75
.700	.55	.343	.92	.700	2.02	.300	1.65	.400	2.71
.861	-.00	.400	.88	.861	1.78	.350	2.17	.500	2.10
		.458	.91			.400	1.58	.600	2.96
		.571	.93			.500	.05	.703	3.94
		.686	.91			.600	-1.09	.756	3.99
						.700	-1.45		

ALPHA = 14.49 DEGREES DYNAMIC PRESSURE = 10.930 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.96	0.000	-1.74	.075	-5.57	.025	-1.18	.025	-6.29
.150	-6.82	.029	-7.27	.150	-6.44	.050	-1.63	.050	-6.28
.200	-5.62	.057	-5.55	.200	-3.22	.075	-2.25	.100	-6.80
.300	-4.54	.086	-4.61	.300	-2.09	.100	-2.98	.150	-5.80
.400	-5.92	.114	-2.14	.400	-4.48	.149	-5.64	.200	-6.05
.500	-6.13	.172	-2.73	.500	-5.92	.200	-6.07	.250	-4.88
.600	-5.02	.229	-2.66	.600	-3.44	.250	-4.39	.300	-4.42
.700	-3.37	.286	-2.61	.700	-1.55	.300	-5.92	.400	-3.77
.800	-3.23	.343	-2.43	.800	-1.45	.350	-4.07	.500	-2.20
		.400	-1.33			.400	-4.45	.600	-1.95
		.458	-1.30			.500	-3.95	.703	-2.56
		.571	-1.83			.600	-1.59	.826	-3.41
		.686	-2.27			.700	-1.41		
		.801	-2.04			.800	-1.67		
		.915	-1.29						
		.967	-2.03						
		.994	-4.41						
				LOWER	SURFACE				
.075	.84	.029	.64	.075	.03	.025	-.03	.025	3.54
.150	1.01	.057	.90	.150	1.04	.050	.78	.050	3.15
.200	.97	.086	.95	.200	1.34	.075	1.46	.100	3.06
.300	.84	.114	.99	.300	1.53	.100	-1.98	.150	2.93
.400	-6.64	.172	.98	.400	-4.35	.150	2.41	.200	-2.27
.500	.77	.229	.96	.500	2.03	.200	2.28	.250	2.88
.600	.71	.286	.94	.600	1.98	.250	2.30	.300	2.66
.700	.51	.343	.92	.700	1.84	.300	1.72	.400	2.58
.861	-.24	.400	.92	.861	1.52	.350	1.91	.500	2.02
		.458	.89			.400	1.58	.600	2.87
		.571	.87			.500	-.49	.703	3.93
		.686	.91			.600	-1.26	.756	3.93
						.700	-1.56		

ALPHA = 16.40 DEGREES DYNAMIC PRESSURE = 10.901 LBF/SQ.FT.

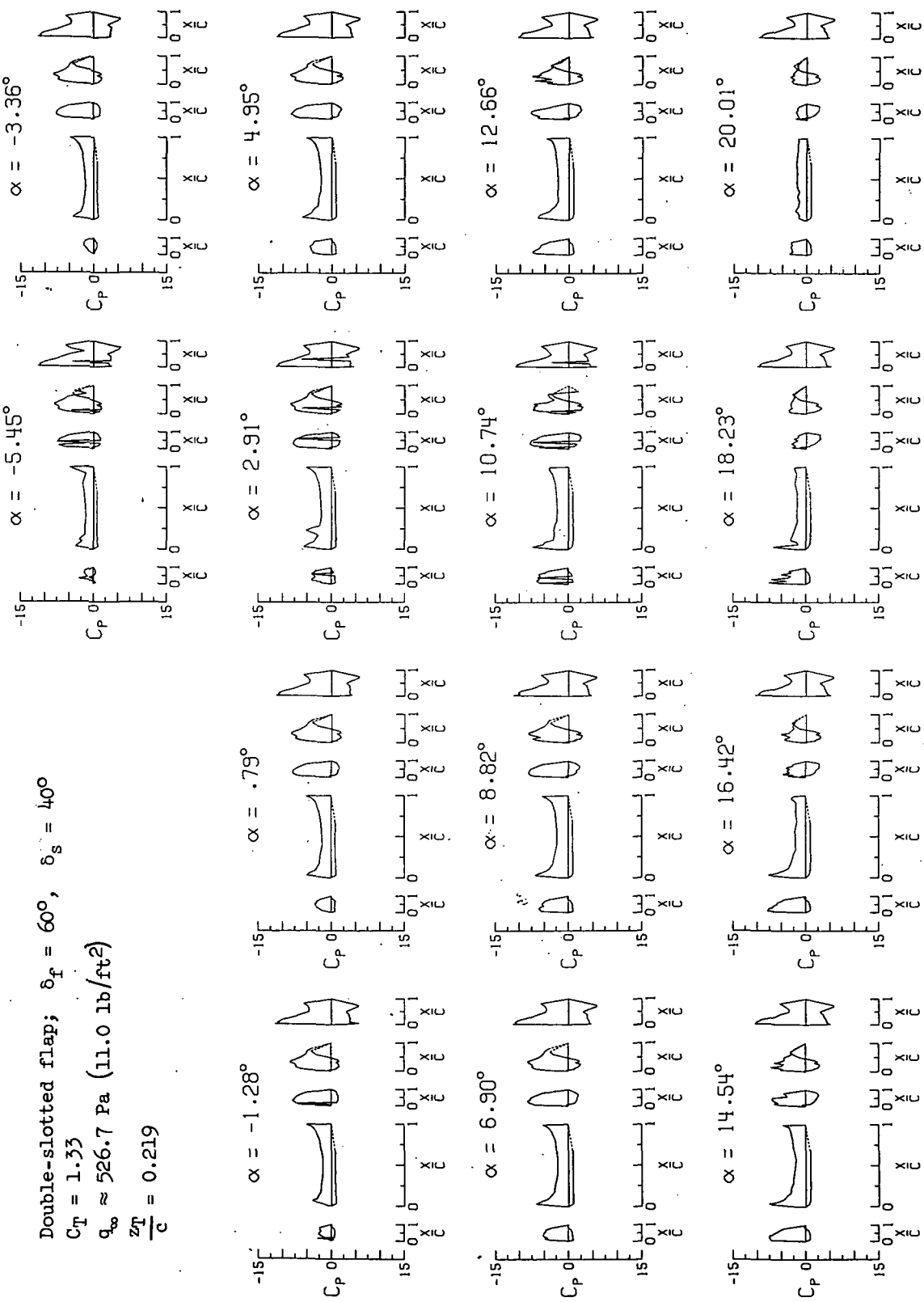
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.60	0.000	-1.76	.075	-3.45	.025	-.88	.025	-5.91
.150	-7.18	.029	-7.61	.150	-4.48	.050	-1.52	.050	-5.68
.200	-6.95	.057	-4.98	.200	-3.20	.075	-2.11	.100	-5.85
.300	-6.99	.086	-4.41	.300	-5.72	.100	-2.20	.150	-5.39
.400	-6.33	.114	-3.90	.400	-4.25	.149	-2.39	.200	-5.07
.500	-6.31	.172	-3.17	.500	-4.68	.200	-2.21	.250	-4.75
.600	-5.39	.229	-2.76	.600	-3.03	.250	-2.01	.300	-3.93
.700	-4.84	.286	-2.12	.700	-3.11	.300	-2.12	.400	-3.34
.800	-4.07	.343	-1.67	.800	-2.47	.350	-3.74	.500	-2.21
		.400	-2.06			.400	-2.78	.600	-2.65
		.458	-2.04			.500	-2.79	.703	-2.52
		.571	-1.82			.600	-1.84	.826	-3.39
		.686	-2.05			.700	-2.57		
		.801	-1.98			.800	-1.37		
		.915	-2.54						
		.967	-2.06						
		.994	-3.38						
				LOWER	SURFACE				
.075	.67	.029	.67	.075	-.41	.025	-.08	.025	3.81
.150	.99	.057	.87	.150	1.07	.050	1.02	.050	3.17
.200	.99	.086	.98	.200	1.28	.075	1.42	.100	3.08
.300	.95	.114	.95	.300	1.56	.100	1.64	.150	3.06
.400	.91	.172	.97	.400	1.69	.150	2.27	.200	2.86
.500	.82	.229	.94	.500	1.88	.200	2.43	.250	2.83
.600	.76	.286	.98	.600	2.09	.250	2.35	.300	2.74
.700	.58	.343	.95	.700	2.18	.300	1.80	.400	2.66
.861	.01	.400	.93	.861	2.00	.350	2.17	.500	2.14
		.458	.92			.400	1.54	.600	2.90
		.571	.90			.500	-.64	.703	3.91
		.686	.93			.600	-1.19	.756	4.03
						.700	-1.53		

ALPHA = 18.20 DEGREES DYNAMIC PRESSURE = 10.876 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.55	0.000	-1.42	.075	-2.28	.025	-.89	.025	-6.24
.150	-6.41	.029	-6.01	.150	-2.21	.050	-2.06	.050	-.19
.200	-7.17	.057	-4.97	.200	-3.60	.075	-2.24	.100	-5.76
.300	-6.37	.086	-3.24	.300	-2.70	.100	-2.86	.150	-5.24
.400	-5.93	.114	-3.14	.400	-3.43	.149	-1.15	.200	-5.05
.500	-5.35	.172	-2.35	.500	-2.07	.200	-2.25	.250	-4.58
.600	-4.68	.229	-2.48	.600	-1.79	.250	-1.89	.300	-3.68
.700	-4.22	.286	-2.14	.700	-1.67	.300	-2.51	.400	-2.93
.800	-3.75	.343	-2.04	.800	-1.57	.350	-2.73	.500	-2.37
		.400	-1.69			.400	-2.24	.600	-2.04
		.458	-1.61			.500	-1.85	.703	-2.41
		.571	-1.37			.600	-1.97	.826	-2.92
		.686	-1.53			.700	-1.70		
		.801	-1.72			.800	-1.32		
		.915	-1.70						
		.967	-2.09						
		.994	-1.88						
				LOWER	SURFACE				
.075	.77	.029	.69	.075	-.42	.025	.34	.025	3.46
.150	.94	.057	.82	.150	.70	.050	1.06	.050	3.14
.200	.99	.086	.94	.200	1.29	.075	1.70	.100	3.15
.300	.93	.114	1.00	.300	1.62	.100	1.74	.150	2.97
.400	.87	.172	.99	.400	1.73	.150	2.19	.200	2.82
.500	.84	.229	1.00	.500	1.93	.200	2.52	.250	2.74
.600	.76	.286	1.01	.600	2.22	.250	2.33	.300	2.70
.700	.58	.343	.96	.700	2.16	.300	1.71	.400	2.62
.861	-.17	.400	.95	.861	1.84	.350	1.90	.500	2.06
		.458	.92			.400	1.50	.600	2.87
		.571	.97			.500	-.51	.703	3.93
		.686	.98			.600	-1.09	.756	3.96
						.700	-1.45		

ALPHA = 20.01 DEGREES DYNAMIC PRESSURE = 10.925 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.34	0.000	-1.50	.075	-1.90	.025	-.95	.025	-5.96
.150	-2.72	.029	-1.49	.150	-1.59	.050	-1.78	.050	-5.36
.200	-2.82	.057	-1.66	.200	-1.52	.075	-2.06	.100	-5.41
.300	-3.11	.086	-1.38	.300	-1.67	.100	-2.45	.150	-5.39
.400	-2.34	.114	-1.44	.400	-1.67	.149	-2.36	.200	-4.97
.500	-2.89	.172	-1.79	.500	-1.85	.200	-1.65	.250	-4.56
.600	-2.83	.229	-1.61	.600	-1.69	.250	-2.01	.300	-3.57
.700	-2.16	.286	-1.34	.700	-1.31	.300	-2.25	.400	-2.79
.800	-2.72	.343	-1.68	.800	-1.37	.350	-2.60	.500	-1.83
		.400	-1.77			.400	-2.10	.600	-1.92
		.458	-1.51			.500	-1.80	.703	-1.94
		.571	-1.79			.600	-1.33	.826	-2.82
		.686	-1.78			.700	-1.52		
		.801	-1.49			.800	-1.17		
		.915	-1.56						
		.967	-1.47						
		.994	-1.48						
				LOWER	SURFACE				
.075	.65	.029	.81	.075	-.47	.025	.20	.025	3.46
.150	.96	.057	.94	.150	.62	.050	.82	.050	3.02
.200	.99	.086	.95	.200	1.00	.075	1.42	.100	2.90
.300	1.00	.114	.97	.300	1.43	.100	1.48	.150	2.90
.400	.93	.172	1.00	.400	1.64	.150	2.12	.200	2.85
.500	.92	.229	.98	.500	1.90	.200	2.06	.250	2.76
.600	.87	.286	.94	.600	2.00	.250	2.02	.300	2.62
.700	.79	.343	.94	.700	1.99	.300	1.53	.400	2.60
.861	.39	.400	.97	.861	1.88	.350	1.93	.500	2.03
		.458	.92			.400	1.43	.600	2.90
		.571	.92			.500	-.37	.703	3.88
		.686	.93			.600	-1.11	.756	3.87
						.700	-1.29		


Double-slotted flap; $\delta_f = 60°$, $\delta_s = 40°$
$C_T = 1.33$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.219$
α = -5.45°
α = -3.36°
α = -1.28°
α = .79°
α = 2.91°
α = 4.95°
α = 6.90°
α = 8.82°
α = 10.74°
α = 12.66°
α = 14.54°
α = 16.42°
α = 18.23°
α = 20.01°
C_P
x/c

ALPHA = -5.46 DEGREES DYNAMIC PRESSURE = 11.047 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	.61	0.000	-.55	.075	-6.10	.025	-3.27	.025	-11.50
.150	.00	.029	-3.62	.150	-6.84	.050	-4.71	.050	-10.96
.200	-.33	.057	-3.12	.200	-7.26	.075	-5.82	.100	-11.08
.300	-3.18	.086	-2.34	.300	-7.98	.100	-6.44	.150	-10.48
.400	-1.17	.114	-2.97	.400	-7.29	.149	-7.35	.200	-9.99
.500	-1.55	.172	-1.91	.500	-7.17	.200	-7.04	.250	-8.85
.600	-1.79	.229	-1.79	.600	-6.72	.250	-7.29	.300	-7.59
.700	-1.80	.286	-1.77	.700	-5.75	.300	-8.08	.400	-6.30
.800	-1.64	.343	-1.65	.800	-5.07	.350	-8.06	.500	-4.66
		.400	-1.59			.400	-7.23	.600	-4.40
		.458	-1.61			.500	-6.11	.703	-4.74
		.571	-1.71			.600	-5.08	.826	-5.74
		.686	-1.90			.700	-4.77		
		.801	-2.20			.800	-3.89		
		.915	-3.22						
		.967	-3.91						
		.994	-4.82						
				LOWER SURFACE					
.075	.06	.029	1.90	.075	-.42	.025	-.08	.025	3.71
.150	.06	.057	.96	.150	.80	.050	.60	.050	3.30
.200	.09	.086	.87	.200	1.20	.075	1.36	.100	3.19
.300	-.10	.114	.83	.300	1.35	.100	-4.62	.150	3.18
.400	-.89	.172	.72	.400	-7.61	.150	1.57	.200	-4.44
.500	.13	.229	.64	.500	1.41	.200	1.58	.250	3.52
.600	.41	.286	.67	.600	1.47	.250	1.55	.300	3.55
.700	.51	.343	.69	.700	1.17	.300	.52	.400	3.62
.861	.38	.400	.69	.861	.94	.350	1.65	.500	2.84
		.458	.71			.400	1.08	.600	4.19
		.571	.70			.500	-.60	.703	5.39
		.686	.79			.600	-3.46	.756	5.61
						.700	-4.34		

ALPHA = -3.37 DEGREES DYNAMIC PRESSURE = 10.981 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-.16	0.000	-.55	.075	-6.21	.025	-3.35	.025	-11.53
.150	-1.21	.029	-4.31	.150	-6.90	.050	-4.68	.050	-10.77
.200	-1.12	.057	-3.52	.200	-7.40	.075	-5.99	.100	-10.96
.300	-1.42	.086	-2.70	.300	-7.71	.100	-6.66	.150	-10.57
.400	-1.72	.114	-2.51	.400	-7.45	.149	-7.41	.200	-10.05
.500	-2.09	.172	-2.10	.500	-7.27	.200	-7.00	.250	-8.94
.600	-2.03	.229	-2.05	.600	-6.73	.250	-7.38	.300	-7.55
.700	-1.95	.286	-1.84	.700	-5.93	.300	-8.20	.400	-6.12
.800	-1.72	.343	-1.75	.800	-5.06	.350	-8.17	.500	-4.65
		.400	-1.63			.400	-7.14	.600	-4.47
		.458	-1.68			.500	-5.88	.703	-4.78
		.571	-1.79			.600	-5.09	.826	-5.73
		.686	-2.02			.700	-4.82		
		.801	-2.29			.800	-3.98		
		.915	-3.03						
		.967	-3.91						
		.994	-4.88						
				LOWER SURFACE					
.075	.08	.029	.97	.075	-.31	.025	-.22	.025	3.38
.150	.20	.057	.95	.150	.79	.050	.68	.050	3.61
.200	.26	.086	.85	.200	1.21	.075	1.25	.100	3.28
.300	.44	.114	.83	.300	1.37	.100	1.09	.150	3.59
.400	.63	.172	.77	.400	1.32	.150	1.61	.200	3.46
.500	.66	.229	.75	.500	1.40	.200	1.61	.250	3.59
.600	.64	.286	.75	.600	1.45	.250	1.63	.300	3.58
.700	.61	.343	.65	.700	1.27	.300	.61	.400	3.75
.861	.20	.400	.71	.861	.99	.350	1.61	.500	2.90
		.458	.69			.400	1.27	.600	4.10
		.571	.74			.500	-.61	.703	5.52
		.686	.78			.600	-3.40	.756	5.54
						.700	-4.24		

ALPHA = -1.28 DEGREES DYNAMIC PRESSURE = 10.924 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-.45	0.000	-.70	.075	-6.47	.025	-3.39	.025	-11.60
.150	-1.48	.029	-1.94	.150	-7.16	.050	-4.86	.050	-10.64
.200	-1.43	.057	-4.02	.200	-7.53	.075	-6.02	.100	-11.11
.300	-2.13	.086	-2.96	.300	-7.97	.100	-6.70	.150	-10.44
.400	-2.68	.114	-2.79	.400	-7.50	.149	-7.32	.200	-10.10
.500	-2.44	.172	-2.22	.500	-7.40	.200	-7.23	.250	-8.95
.600	-2.05	.229	-2.16	.600	-6.77	.251	-7.49	.300	-7.63
.700	-2.43	.286	-2.05	.700	-6.05	.300	-8.39	.400	-6.26
.800	-2.35	.343	-1.93	.800	-5.23	.350	-8.29	.500	-4.62
		.400	-1.95			.400	-7.44	.630	-4.49
		.458	-1.83			.500	-6.07	.703	-4.71
		.571	-1.80			.600	-5.14	.826	-5.75
		.686	-2.09			.700	-4.91		
		.801	-2.37			.800	-3.99		
		.915	-3.16						
		.967	-3.98						
		.994	-5.05						
				LOWER SURFACE					
.075	.48	.029	.96	.075	-.37	.025	-.64	.025	3.93
.150	-2.88	.057	.97	.150	-6.74	.050	.44	.050	5.62
.200	.65	.086	.89	.200	1.16	.075	1.19	.100	3.72
.300	.65	.114	.91	.300	1.39	.100	1.06	.150	3.77
.400	.71	.172	.76	.400	1.38	.150	1.63	.200	3.76
.500	.72	.229	.81	.500	1.46	.200	1.59	.250	3.83
.600	.69	.286	.74	.600	1.52	.250	1.52	.300	3.46
.700	.59	.343	.71	.700	1.20	.300	.93	.400	3.59
.861	.16	.400	.78	.861	1.16	.350	1.64	.500	3.30
		.458	.75			.400	1.30	.630	4.14
		.571	.76			.500	-.62	.703	5.56
		.686	.77			.600	-3.36	.756	5.56
						.700	-4.09		

ALPHA = .80 DEGREES DYNAMIC PRESSURE = 10.947 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-1.24	0.000	-.81	.075	-6.60	.025	-3.37	.025	-11.35
.150	-2.09	.029	-5.07	.150	-7.31	.050	-5.00	.050	-10.73
.200	-2.30	.057	-4.40	.200	-7.68	.075	-6.13	.100	-10.89
.300	-2.83	.086	-3.31	.300	-7.88	.100	-6.77	.150	-10.52
.400	-3.22	.114	-3.06	.400	-7.71	.149	-7.51	.200	-9.95
.500	-3.33	.172	-2.46	.500	-7.35	.200	-7.11	.250	-8.84
.600	-3.05	.229	-2.36	.600	-6.91	.250	-7.58	.300	-7.64
.700	-2.93	.286	-2.26	.700	-5.99	.300	-8.38	.400	-6.24
.800	-2.33	.343	-2.04	.800	-5.25	.350	-8.24	.500	-4.65
		.400	-1.83			.400	-7.43	.600	-4.40
		.458	-1.98			.500	-6.08	.703	-4.78
		.571	-1.99			.600	-5.19	.826	-5.74
		.686	-2.14			.700	-4.76		
		.801	-2.48			.800	-3.86		
		.915	-3.15						
		.967	-4.07						
		.994	-5.16						
				LOWER SURFACE					
.075	.80	.029	.95	.075	-.43	.025	-.23	.025	4.19
.150	.67	.057	.94	.150	.87	.050	.41	.050	3.81
.200	.76	.086	.94	.200	1.23	.075	1.16	.100	3.83
.300	.65	.114	.89	.300	1.34	.100	1.06	.150	3.69
.400	.72	.172	.89	.400	1.44	.150	1.77	.200	3.71
.500	.72	.229	.82	.500	1.60	.200	1.92	.250	3.83
.600	.67	.286	.80	.600	1.66	.250	1.66	.300	3.75
.700	.84	.343	.80	.700	1.43	.300	1.02	.400	3.71
.861	.13	.400	.81	.861	1.16	.350	1.90	.500	2.98
		.458	.75			.400	1.63	.600	4.20
		.571	.82			.500	-.51	.703	5.68
		.686	.83			.600	-3.08	.756	5.71
						.700	-3.97		

ALPHA = 2.92 DEGREES DYNAMIC PRESSURE = 10.933 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.10	0.000	-1.20	.075	-6.75	.025	-3.35	.025	-11.45
.150	-2.09	.029	-5.62	.150	-7.32	.050	-4.97	.050	-10.72
.200	-3.93	.057	-4.80	.200	-7.63	.075	-6.25	.100	-10.98
.300	-3.90	.086	-3.61	.300	-7.97	.100	-6.93	.150	-10.53
.400	-3.34	.114	-3.37	.400	-7.79	.149	-7.60	.200	-9.98
.500	-3.45	.172	-2.73	.500	-7.60	.200	-7.44	.250	-8.99
.600	-4.01	.229	-5.26	.600	-7.07	.250	-7.66	.300	-7.62
.700	-3.51	.286	-2.40	.700	-6.17	.300	-8.25	.400	-6.24
.800	-3.21	.343	-2.20	.800	-5.30	.350	-8.47	.500	-4.56
		.400	-2.06			.400	-7.53	.600	-4.40
		.458	-2.06			.500	-6.09	.703	-4.83
		.571	-2.17			.600	-5.01	.826	-5.78
		.686	-2.25			.700	-4.76		
		.801	-2.50			.800	-3.85		
		.915	-3.27						
		.967	-4.13						
		.994	-5.17						
				LOWER	SURFACE				
.075	.94	.029	.97	.075	-.57	.025	-.26	.025	4.55
.150	.80	.057	1.02	.150	.88	.050	.50	.050	3.84
.200	.84	.086	.95	.200	1.23	.075	1.14	.100	3.64
.300	.80	.114	.95	.300	1.47	.100	1.05	.150	3.99
.400	.78	.172	.89	.400	1.56	.150	1.87	.200	3.87
.500	.73	.229	.88	.500	1.72	.200	-6.12	.250	3.88
.600	-3.79	.286	.86	.600	-7.39	.250	2.01	.300	-6.19
.700	.59	.343	.84	.700	1.60	.300	.97	.400	3.63
.861	.07	.400	.83	.861	1.17	.350	2.19	.500	2.89
		.458	.82			.400	1.64	.600	4.18
		.571	.81			.500	-.64	.703	5.68
		.686	.81			.600	-3.36	.756	5.68
						.700	-4.11		

ALPHA = 4.96 DEGREES DYNAMIC PRESSURE = 10.923 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.93	0.000	-1.13	.075	-6.75	.025	-3.40	.025	-11.31
.150	-3.59	.029	-6.09	.150	-7.49	.050	-4.97	.050	-10.65
.200	-4.06	.057	-4.92	.200	-7.75	.075	-6.15	.100	-10.96
.300	-4.24	.086	-4.04	.300	-8.33	.100	-6.79	.150	-10.46
.400	-4.29	.114	-3.81	.400	-7.93	.149	-7.72	.200	-9.99
.500	-4.49	.172	-2.78	.500	-7.69	.200	-7.36	.250	-8.94
.600	-3.98	.229	-2.68	.600	-7.12	.250	-7.62	.300	-7.56
.700	-3.71	.286	-2.64	.700	-6.06	.300	-8.45	.400	-6.27
.800	-3.58	.343	-2.23	.800	-5.44	.350	-8.46	.500	-4.55
		.400	-2.20			.400	-7.39	.600	-4.52
		.458	-2.09			.500	-6.17	.703	-4.86
		.571	-2.19			.600	-5.06	.826	-5.80
		.686	-2.35			.700	-4.93		
		.801	-2.65			.800	-3.97		
		.915	-3.40						
		.967	-4.16						
		.994	-5.29						
				LOWER	SURFACE				
.075	.94	.029	.86	.075	-.49	.025	-.53	.025	4.48
.150	.87	.057	.95	.150	.88	.050	.28	.050	4.16
.200	.85	.086	.98	.200	1.20	.075	1.11	.100	4.00
.300	.93	.114	.93	.300	1.46	.100	1.07	.150	4.10
.400	.76	.172	.94	.400	1.51	.150	1.90	.200	3.84
.500	.78	.229	.88	.500	1.76	.200	2.22	.250	3.89
.600	.73	.286	.90	.600	2.02	.250	2.29	.300	3.85
.700	.57	.343	.87	.700	1.89	.300	.99	.400	3.68
.861	.04	.400	.86	.861	1.10	.350	2.14	.500	2.89
		.458	.85			.400	1.69	.600	4.13
		.571	.86			.500	-.62	.703	5.71
		.686	.84			.600	-3.17	.756	5.76
						.700	-3.99		

ALPHA = 6.91 DEGREES DYNAMIC PRESSURE = 10.930 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.96	0.000	-1.38	.075	-6.93	.025	-3.23	.025	-11.46
.150	-4.94	.029	-6.75	.150	-7.52	.050	-5.05	.050	-10.59
.200	-4.29	.057	-5.63	.200	-8.01	.075	-6.26	.100	-10.98
.300	-5.22	.086	-4.33	.300	-8.37	.100	-6.97	.150	-10.50
.400	-5.16	.114	-3.87	.400	-7.75	.149	-7.47	.200	-9.85
.500	-5.04	.172	-2.92	.500	-7.66	.200	-7.31	.250	-8.90
.600	-4.66	.229	-2.85	.600	-7.10	.250	-7.62	.300	-7.59
.700	-4.60	.286	-2.66	.700	-6.10	.300	-8.07	.400	-6.16
.800	-3.69	.343	-2.44	.800	-5.41	.350	-8.29	.500	-4.71
		.400	-2.25			.400	-7.49	.600	-4.55
		.458	-2.26			.500	-6.00	.703	-4.72
		.571	-2.24			.600	-5.21	.826	-5.77
		.686	-2.46			.700	-4.83		
		.801	-2.63			.800	-4.02		
		.915	-3.48						
		.967	-4.28						
		.994	-5.30						
				LOWER	SURFACE				
.075	1.01	.029	.88	.075	-.36	.025	-.44	.025	4.62
.150	.93	.057	.96	.150	.90	.050	.44	.050	4.25
.200	.92	.086	.92	.200	1.35	.075	1.32	.100	4.24
.300	.87	.114	.98	.300	1.60	.100	1.30	.150	4.18
.400	.80	.172	.88	.400	1.77	.150	1.92	.200	3.97
.500	.78	.229	.90	.500	1.75	.200	2.31	.250	3.82
.600	.69	.286	.89	.600	1.99	.250	2.57	.300	3.80
.700	.57	.343	.88	.700	2.08	.300	1.38	.400	3.81
.861	-.04	.400	.89	.861	1.30	.350	2.34	.500	2.93
		.458	.86			.400	1.84	.600	4.17
		.571	.87			.500	-.67	.703	5.74
		.686	.85			.600	-3.10	.756	5.76
						.700	-3.74		

ALPHA = 8.82 DEGREES DYNAMIC PRESSURE = 10.947 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.68	0.000	-1.46	.075	-6.94	.025	-2.60	.025	-11.40
.150	-5.79	.029	-6.92	.150	-7.68	.050	-4.72	.050	-10.41
.200	-5.99	.057	-5.72	.200	-7.93	.075	-5.89	.100	-10.06
.300	-5.93	.086	-4.50	.300	-8.08	.100	-6.96	.150	-10.31
.400	-5.06	.114	-3.87	.400	-7.89	.149	-7.47	.200	-9.81
.500	-5.49	.172	-3.19	.500	-7.72	.200	-5.80	.250	-8.83
.600	-5.27	.229	-3.01	.600	-7.03	.250	-7.25	.300	-7.42
.700	-4.77	.286	-2.79	.700	-6.21	.300	-8.21	.400	-6.18
.800	-3.92	.343	-2.55	.800	-5.31	.350	-8.28	.500	-4.52
		.400	-2.37			.400	-7.26	.600	-4.15
		.458	-2.32			.500	-6.07	.703	-4.80
		.571	-2.33			.600	-4.98	.826	-5.74
		.686	-2.47			.700	-4.42		
		.801	-2.66			.800	-4.01		
		.915	-3.35						
		.967	-4.30						
		.994	-5.39						
				LOWER	SURFACE				
.075	1.00	.029	.77	.075	-.49	.025	-.63	.025	4.66
.150	.94	.057	.96	.150	.87	.050	.34	.050	4.46
.200	.89	.086	.95	.200	1.24	.075	1.47	.100	4.02
.300	.87	.114	.96	.300	1.71	.100	1.11	.150	4.08
.400	.83	.172	.94	.400	1.64	.150	2.35	.200	3.92
.500	.86	.229	.93	.500	2.05	.200	2.54	.250	4.04
.600	.68	.286	.92	.600	2.24	.250	2.76	.300	3.74
.700	.54	.343	.87	.700	2.22	.300	1.42	.400	3.79
.861	-.14	.400	.89	.861	1.50	.350	2.43	.500	2.81
		.458	.91			.400	1.68	.600	4.07
		.571	.87			.500	-.84	.703	5.63
		.686	.89			.600	-2.94	.756	5.71
						.700	-3.82		

ALPHA = 10.75 DEGREES DYNAMIC PRESSURE = 10.971 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.93	0.300	-2.37	.075	-5.55	.025	-2.78	.025	-11.02
.150	-6.30	.029	-7.31	.150	-5.24	.050	-4.29	.050	-10.50
.200	-6.54	.057	-5.18	.200	-7.28	.075	-3.90	.100	-10.66
.300	-5.92	.086	-4.81	.300	-8.06	.100	-6.19	.150	-10.02
.400	-6.06	.114	-3.23	.400	-7.85	.149	-7.44	.200	-8.97
.500	-5.83	.172	-2.97	.500	-7.67	.200	-6.96	.250	-8.05
.600	-6.04	.229	-3.06	.600	-6.67	.250	-7.18	.300	-6.30
.700	-4.76	.286	-2.87	.700	-6.20	.300	-6.45	.400	-4.58
.800	-4.19	.343	-2.43	.800	-5.33	.350	-7.15	.500	-3.66
		.400	-2.42			.400	-4.54	.600	-4.14
		.458	-2.31			.500	-3.04	.703	-4.66
		.571	-2.40			.600	-4.01	.826	-5.66
		.686	-2.53			.700	-4.41		
		.801	-2.74			.800	1.94		
		.915	-3.35						
		.967	-4.02						
		.994	-3.93						
				LOWER	SURFACE				
.075	-4.92	.029	.74	.075	-6.12	.025	-.54	.025	5.74
.150	1.00	.057	.93	.150	.97	.050	.74	.050	4.40
.200	.92	.086	.96	.200	1.27	.075	1.44	.100	4.30
.300	.93	.114	.97	.300	1.73	.100	3.80	.150	4.21
.400	-6.39	.172	.94	.400	-7.44	.150	2.48	.200	-3.59
.500	.79	.229	.97	.500	2.28	.200	2.55	.250	4.05
.600	.70	.286	.91	.600	2.23	.250	2.91	.300	2.81
.700	.49	.343	.92	.700	2.47	.300	1.69	.400	3.76
.861	-.16	.400	.91	.861	2.21	.350	2.53	.500	2.95
		.458	.91			.400	1.68	.600	4.12
		.571	.87			.500	-1.08	.703	5.62
		.686	.90			.600	-2.91	.756	5.73
						.700	-3.64		

ALPHA = 12.67 DEGREES DYNAMIC PRESSURE = 10.886 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.57	0.300	-1.34	.075	-6.31	.025	-2.90	.025	-10.47
.150	-7.44	.029	-6.45	.150	-6.49	.050	-4.46	.050	-10.40
.200	-7.43	.057	-6.17	.200	-6.08	.075	-4.49	.100	-9.42
.300	-6.85	.086	-4.85	.300	-7.29	.100	-3.43	.150	-9.69
.400	-6.21	.114	-3.95	.400	-7.71	.149	-7.00	.200	-9.61
.500	-5.88	.172	-2.80	.500	-7.58	.200	-3.65	.250	-7.86
.600	-5.79	.229	-2.16	.600	-6.41	.250	-5.41	.300	-6.71
.700	-4.88	.286	-2.28	.700	-4.62	.300	-7.66	.400	-5.19
.800	-4.04	.343	-2.36	.800	-3.18	.350	-5.71	.500	-3.51
		.400	-2.17			.400	-6.01	.600	-3.70
		.458	-2.26			.500	-4.55	.703	-4.58
		.571	-2.30			.600	-3.41	.826	-5.76
		.686	-2.48			.700	-3.74		
		.801	-2.69			.800	-1.63		
		.915	-3.20						
		.967	-3.64						
		.994	-4.78						
				LOWER	SURFACE				
.075	.84	.029	.71	.075	-1.39	.025	-.18	.025	4.99
.150	.99	.057	.89	.150	.72	.050	.66	.050	4.39
.200	.97	.086	.95	.200	1.45	.075	1.58	.100	4.26
.300	.88	.114	.97	.300	1.79	.100	1.68	.150	4.12
.400	.84	.172	.96	.400	1.98	.150	2.65	.200	4.00
.500	.79	.229	.98	.500	2.39	.200	2.64	.250	4.05
.600	.75	.286	.93	.600	2.58	.250	2.61	.300	3.83
.700	.56	.343	.93	.700	2.40	.300	1.62	.400	3.73
.861	-.19	.400	.98	.861	2.21	.350	2.59	.500	2.85
		.458	.96			.400	1.79	.600	4.09
		.571	.92			.500	-.97	.703	5.74
		.686	.91			.600	-2.85	.756	5.76
						.700	-3.56		

ALPHA = 14.55 DEGREES DYNAMIC PRESSURE = 10.889 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-7.41	0.000	-2.14	.075	-5.33	.025	-1.96	.025	-10.60
.150	-7.31	.029	-7.76	.150	-6.61	.050	-5.18	.050	-10.40
.200	-7.52	.057	-5.65	.200	-5.65	.075	-4.64	.100	-10.18
.300	-7.50	.086	-4.58	.300	-6.56	.100	-5.12	.150	-9.54
.400	-6.99	.114	-4.13	.400	-7.02	.149	-7.27	.200	-9.18
.500	-6.38	.172	-3.12	.500	-6.88	.200	-5.00	.250	-7.82
.600	-5.75	.229	-3.06	.600	-3.74	.250	-4.49	.300	-6.39
.700	-5.10	.286	-2.61	.700	-4.01	.300	-6.59	.400	-5.33
.800	-4.43	.343	-2.58	.800	-4.59	.350	-5.10	.500	-3.49
		.400	-2.40			.400	-4.39	.600	-3.44
		.458	-2.28			.500	-4.44	.703	-4.23
		.571	-2.02			.600	-2.96	.826	-5.42
		.686	-2.49			.700	-3.06		
		.801	-2.67			.800	-2.19		
		.915	-3.39						
		.967	-3.37						
		.994	-4.69						
				LOWER	SURFACE				
.075	.61	.029	.60	.075	-.82	.025	-.38	.025	5.09
.150	.94	.057	.82	.150	.95	.050	.82	.050	4.62
.200	.92	.086	.93	.200	1.30	.075	1.72	.100	4.26
.300	.90	.114	.92	.300	1.83	.100	1.80	.150	4.19
.400	.86	.172	.91	.400	2.08	.150	2.57	.200	4.12
.500	.77	.229	.99	.500	2.28	.200	2.38	.250	4.01
.600	.73	.286	.97	.600	2.50	.250	2.94	.300	3.74
.700	.50	.343	.95	.700	2.70	.300	1.80	.400	3.61
.861	-.39	.400	.92	.861	2.27	.350	2.49	.500	2.86
		.458	.93			.400	1.86	.600	4.09
		.571	.91			.500	-1.14	.703	5.75
		.686	.89			.600	-2.58	.756	5.78
						.700	-3.13		

ALPHA = 16.42 DEGREES DYNAMIC PRESSURE = 10.947 LBF/SQ.FT.

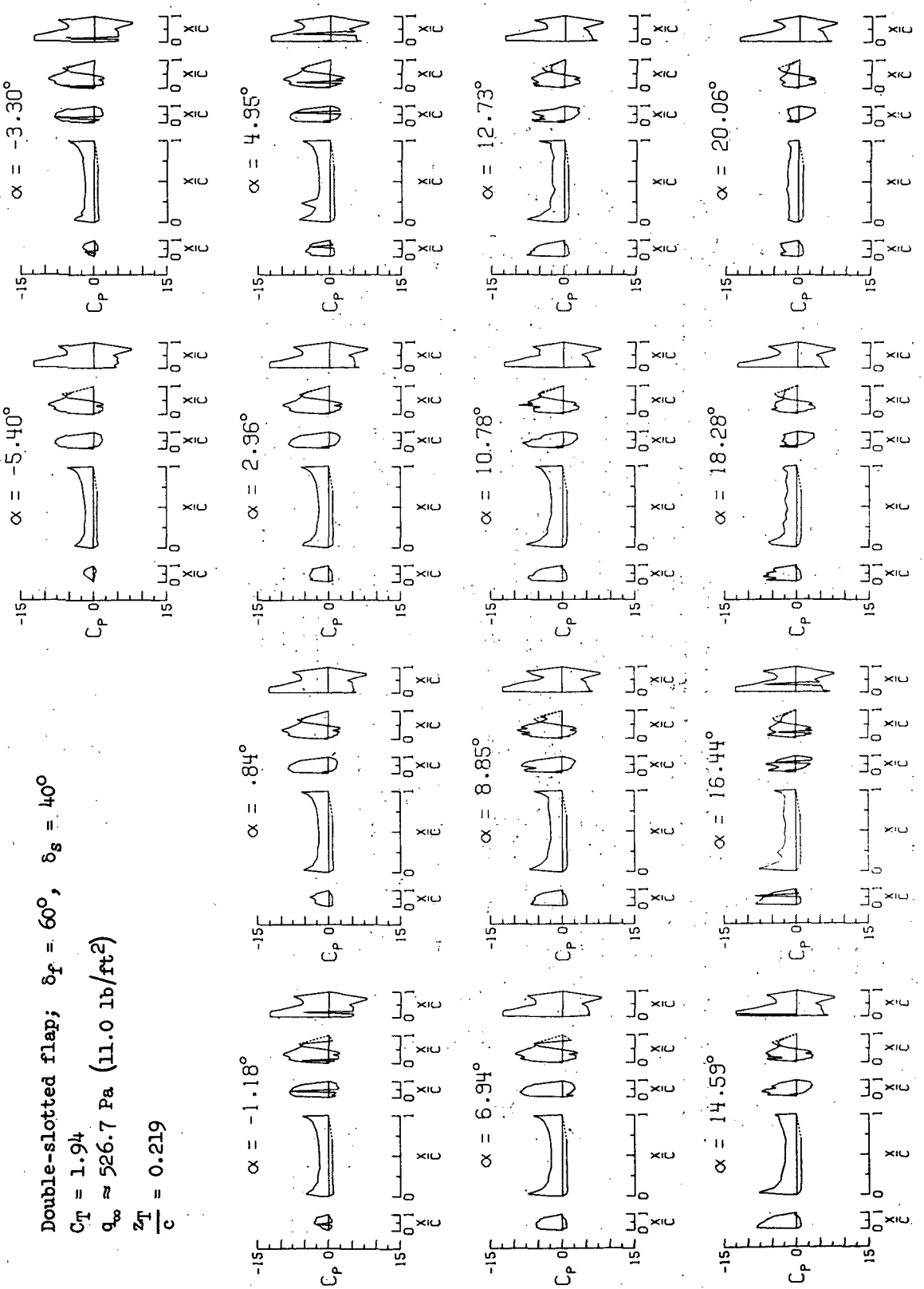
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-7.94	0.000	-2.14	.075	-3.65	.025	-2.00	.025	-10.58
.150	-7.84	.029	-7.79	.150	-2.50	.050	-3.04	.050	-9.64
.200	-7.74	.057	-5.86	.200	-4.70	.075	-3.72	.100	-9.77
.300	-6.92	.086	-4.52	.300	-3.35	.100	-4.54	.150	-9.39
.400	-6.74	.114	-3.57	.400	-3.85	.149	-4.23	.200	-8.90
.500	-5.91	.172	-3.07	.500	-3.30	.200	-3.39	.250	-7.35
.600	-5.88	.229	-2.77	.600	-4.20	.250	-4.36	.300	-6.02
.700	-4.94	.286	-2.56	.700	-2.73	.300	-5.20	.400	-4.55
.800	-4.41	.343	-2.01	.800	-2.72	.350	-3.52	.500	-3.40
		.400	-2.15			.400	-3.27	.600	-2.97
		.458	-2.12			.500	-2.60	.703	-3.46
		.571	-2.20			.600	-2.78	.826	-4.61
		.686	-1.79			.700	-2.39		
		.801	-2.09			.800	-2.23		
		.915	-1.99						
		.967	-2.98						
		.994	-2.41						
				LOWER	SURFACE				
.075	.54	.029	.54	.075	-1.01	.025	-.23	.025	5.12
.150	.95	.057	.79	.150	.93	.050	1.01	.050	4.53
.200	.94	.086	.86	.200	1.37	.075	1.96	.100	4.27
.300	.94	.114	.92	.300	1.95	.100	1.87	.150	4.25
.400	.85	.172	.97	.400	2.11	.150	2.72	.200	4.02
.500	.81	.229	1.00	.500	2.38	.200	2.90	.250	3.97
.600	.71	.286	1.00	.600	2.73	.250	2.81	.300	3.79
.700	.52	.343	.95	.700	2.73	.300	1.94	.400	3.66
.861	-.24	.400	.96	.861	2.75	.350	2.75	.500	2.76
		.458	.94			.400	1.88	.600	4.13
		.571	.93			.500	-1.37	.703	5.75
		.686	.92			.600	-2.32	.756	5.62
						.700	-2.88		

ALPHA = 18.23 DEGREES DYNAMIC PRESSURE = 10.898 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-7.64	0.000	-1.97	.075	-2.95	.025	-1.71	.025	-10.19
.150	-6.12	.029	-6.76	.150	-2.40	.050	-3.15	.050	-9.46
.200	-3.98	.057	-1.53	.200	-2.25	.075	-3.57	.100	-9.58
.300	-7.16	.086	-1.89	.300	-3.02	.100	-3.42	.150	-9.19
.400	-3.64	.114	-3.22	.400	-2.49	.149	-3.60	.200	-8.16
.500	-3.05	.172	-2.81	.500	-1.75	.200	-2.87	.250	-7.12
.600	-5.09	.229	-2.43	.600	-2.50	.250	-3.16	.300	-5.82
.700	-2.96	.286	-2.11	.700	-1.65	.300	-3.04	.400	-4.63
.800	-3.49	.343	-1.82	.800	-1.73	.350	-3.19	.500	-3.09
		.400	-1.92			.400	-3.09	.600	-2.96
		.458	-1.89			.500	-2.69	.703	-3.31
		.571	-1.84			.600	-2.40	.826	-4.19
		.686	-1.84			.700	-2.42		
		.801	-2.28			.800	-1.72		
		.915	-1.92						
		.967	-2.30						
		.994	-2.37						
				LOWER SURFACE					
.075	.46	.029	.57	.075	-1.52	.025	.00	.025	5.11
.150	.91	.057	.84	.150	.51	.050	.68	.050	4.42
.200	.90	.086	.93	.200	.83	.075	1.69	.100	4.07
.300	.90	.114	.88	.300	1.58	.100	1.99	.150	4.09
.400	.86	.172	.91	.400	2.19	.150	2.78	.200	4.11
.500	.82	.229	.96	.500	2.50	.200	3.10	.250	3.96
.600	.74	.286	.98	.600	2.99	.250	2.87	.300	3.77
.700	.53	.343	.95	.700	2.78	.300	1.88	.400	3.65
.861	-.16	.400	.96	.861	2.91	.350	2.59	.500	2.78
		.458	.94			.400	1.73	.600	4.03
		.571	.95			.500	-1.26	.703	5.70
		.686	.89			.600	-2.13	.756	5.74
						.700	-2.82		

ALPHA = 20.02 DEGREES DYNAMIC PRESSURE = 10.919 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-3.62	0.000	-.54	.075	-2.38	.025	-1.15	.025	-9.94
.150	-3.20	.029	-1.60	.150	-1.63	.050	-2.30	.050	-9.23
.200	-2.82	.057	-1.54	.200	-1.64	.075	-2.86	.100	-9.38
.300	-2.96	.086	-1.71	.300	-2.04	.100	-2.90	.150	-8.96
.400	-3.06	.114	-2.29	.400	-1.86	.149	-3.11	.200	-8.33
.500	-3.26	.172	-1.68	.500	-2.14	.200	-2.47	.250	-6.75
.600	-2.94	.229	-1.50	.600	-1.76	.250	-3.02	.300	-5.74
.700	-3.15	.286	-1.93	.700	-1.89	.300	-3.45	.400	-4.27
.800	-3.06	.343	-1.50	.800	-1.62	.350	-2.56	.500	-2.57
		.400	-1.90			.400	-2.80	.600	-2.56
		.458	-1.99			.500	-2.30	.703	-3.07
		.571	-1.90			.600	-1.69	.826	-4.35
		.686	-2.06			.700	-1.92		
		.801	-1.86			.800	-1.42		
		.915	-1.89						
		.967	-1.65						
		.994	-1.86						
				LOWER SURFACE					
.075	.85	.029	.74	.075	-1.63	.025	-.15	.025	4.73
.150	.94	.057	.92	.150	.15	.050	.69	.050	4.28
.200	.97	.086	.96	.200	.83	.075	1.61	.100	4.12
.300	.97	.114	.98	.300	1.53	.100	1.79	.150	4.14
.400	.90	.172	.97	.400	2.04	.150	2.52	.200	4.05
.500	.88	.229	.93	.500	2.31	.200	2.67	.250	3.84
.600	.82	.286	.94	.600	2.63	.250	2.63	.300	3.56
.700	.73	.343	.94	.700	2.64	.300	1.70	.400	3.55
.861	.38	.400	.93	.861	2.67	.350	2.30	.500	2.75
		.458	.92			.400	1.86	.600	4.00
		.571	.93			.500	-1.11	.703	5.67
		.686	.92			.600	-2.26	.756	5.70
						.700	-2.66		


Double-slotted flap; $\delta_f = 60°$, $\delta_s = 40°$
$C_T = 1.94$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft2)
$\frac{z_T}{c} = 0.219$
α = -5.40°
α = -3.30°
α = -1.18°
α = .84°
α = 2.96°
α = 4.95°
α = 6.94°
α = 8.85°
α = 10.78°
α = 12.73°
α = 14.59°
α = 16.44°
α = 18.28°
α = 20.06°
C_P
-15
0
15
x/c

ALPHA = -5.40 DEGREES DYNAMIC PRESSURE = 11.028 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.03	0.000	-.56	.075	-6.87	.025	-3.55	.025	-12.38
.150	-.37	.029	-3.90	.150	-7.34	.050	-5.32	.050	-12.38
.200	-.64	.057	-3.19	.200	-7.54	.075	-6.58	.100	-12.38
.300	-1.13	.086	-2.61	.300	-8.06	.100	-7.34	.150	-12.38
.400	-1.56	.114	-2.40	.400	-7.94	.149	-8.26	.200	-12.38
.500	-1.99	.172	-1.92	.500	-7.67	.200	-7.85	.250	-12.26
.600	-1.86	.229	-1.88	.600	-7.29	.250	-8.34	.300	-10.29
.700	-1.88	.286	-1.94	.700	-6.31	.300	-9.35	.400	-8.04
.800	-1.58	.343	-1.74	.800	-5.64	.350	-9.33	.500	-5.58
		.400	-1.68			.400	-8.37	.600	-5.42
		.458	-1.67			.500	-6.94	.703	-6.01
		.571	-1.83			.600	-5.61	.826	-7.48
		.686	-2.08			.700	-5.56		
		.801	-2.38			.800	-4.39		
		.915	-3.21						
		.967	-4.09						
		.994	-5.45						
				LOWER	SURFACE				
.075	.03	.029	.95	.075	-1.11	.025	-.27	.025	4.70
.150	.10	.057	.96	.150	.65	.050	.52	.050	4.37
.200	.09	.086	.84	.200	1.17	.075	1.36	.100	4.19
.300	.18	.114	.80	.300	1.40	.100	1.00	.150	4.51
.400	.35	.172	.72	.400	1.56	.150	1.85	.200	5.10
.500	.15	.229	.67	.500	1.68	.200	1.79	.250	4.91
.600	.43	.286	.71	.600	1.74	.250	1.89	.300	4.73
.700	.60	.343	.70	.700	1.45	.300	.41	.400	5.00
.861	.38	.400	.68	.861	1.42	.350	1.96	.500	3.92
		.458	.70			.400	1.59	.600	5.65
		.571	.76			.500	-.92	.703	7.75
		.686	.80			.600	-5.44	.756	7.78
						.700	-6.51		

ALPHA = -3.30 DEGREES DYNAMIC PRESSURE = 11.018 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.47	0.000	-.62	.075	-6.99	.025	-3.70	.025	-12.40
.150	-1.23	.029	-4.20	.150	-7.36	.050	-5.37	.050	-12.40
.200	-1.26	.057	-3.75	.200	-7.75	.075	-6.70	.100	-12.40
.300	-1.88	.086	-2.65	.300	-8.23	.100	-7.49	.150	-12.40
.400	-1.56	.114	-2.73	.400	-7.94	.149	-8.13	.200	-12.40
.500	-2.34	.172	-2.06	.500	-7.93	.200	-7.87	.250	-12.11
.600	-2.48	.229	-2.04	.600	-7.24	.250	-8.54	.300	-10.27
.700	-2.26	.286	-2.05	.700	-6.40	.300	-9.41	.400	-7.91
.800	-1.92	.343	-1.89	.800	-5.67	.350	-9.20	.500	-5.61
		.400	-1.79			.400	-8.51	.600	-5.38
		.458	-1.79			.500	-6.83	.703	-6.01
		.571	-1.92			.600	-5.68	.826	-7.58
		.686	-2.15			.700	-5.53		
		.801	-2.38			.800	-4.61		
		.915	-3.36						
		.967	-4.22						
		.994	-5.46						
				LOWER	SURFACE				
.075	-.01	.029	.98	.075	-1.15	.025	-.43	.025	4.92
.150	.18	.057	.95	.150	.60	.050	.30	.050	4.59
.200	.20	.086	.87	.200	1.13	.075	-6.49	.100	4.90
.300	-2.06	.114	.90	.300	-7.97	.100	1.04	.150	-5.98
.400	.66	.172	.79	.400	1.54	.150	1.94	.200	4.75
.500	.67	.229	.73	.500	1.79	.200	1.83	.250	5.04
.600	.66	.286	.71	.600	1.80	.250	1.78	.300	4.75
.700	.57	.343	.74	.700	1.49	.300	.93	.400	4.91
.861	.18	.400	.73	.861	1.59	.350	2.08	.500	4.09
		.458	.76			.400	1.83	.600	5.69
		.571	.78			.500	-.79	.703	7.79
		.686	.82			.600	-5.39	.756	7.83
						.700	-6.52		

ALPHA = -1.19 DEGREES DYNAMIC PRESSURE = 10.955 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.79	0.000	-2.05	.075	-7.01	.025	-3.61	.025	-12.47
.150	-1.48	.029	-4.83	.150	-7.53	.050	-5.42	.050	-12.47
.200	-1.53	.057	-4.17	.200	-7.91	.075	-6.88	.100	-12.47
.300	-1.90	.086	-3.38	.300	-8.29	.100	-7.56	.150	-12.47
.400	-2.99	.114	-3.23	.400	-8.12	.149	-8.42	.200	-12.47
.500	-3.11	.172	-2.35	.500	-7.83	.200	-8.07	.250	-12.23
.600	-2.66	.229	-2.38	.600	-7.59	.250	-8.62	.300	-10.32
.700	-2.72	.286	-2.22	.700	-6.59	.300	-9.39	.400	-8.02
.800	-2.52	.343	-1.91	.800	-5.73	.350	-9.49	.500	-5.70
		.400	-1.94			.400	-8.48	.600	-5.42
		.458	-1.94			.500	-6.97	.703	-5.95
		.571	-2.04			.600	-5.80	.826	-7.52
		.686	-2.23			.700	-5.57		
		.801	-2.56			.800	.74		
		.915	-3.38						
		.967	-4.26						
		.994	-5.57						
				LOWER	SURFACE				
.075	.12	.029	.97	.075	1.48	.025	-.54	.025	3.88
.150	.55	.057	.95	.150	.60	.050	.11	.050	4.71
.200	.67	.086	.94	.200	1.16	.075	1.24	.100	5.24
.300	.73	.114	.85	.300	1.54	.100	-5.56	.150	5.03
.400	-2.39	.172	.82	.400	-8.32	.150	1.88	.200	-5.39
.500	.68	.229	.76	.500	-1.76	.200	2.11	.250	5.03
.600	.74	.286	.77	.600	2.10	.250	2.36	.300	5.06
.700	.56	.343	.79	.700	1.61	.300	.93	.400	5.12
.861	.19	.400	.79	.861	1.59	.350	2.35	.500	4.11
		.458	.78			.400	1.92	.600	5.80
		.571	.78			.500	-.84	.703	7.84
		.686	.80			.600	-5.32	.756	7.95
						.700	-6.33		

ALPHA = .85 DEGREES DYNAMIC PRESSURE = 10.892 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.72	0.000	-.90	.075	-7.32	.025	-3.71	.025	-12.55
.150	-2.28	.029	-5.32	.150	-7.74	.050	-5.54	.050	-12.55
.200	-2.98	.057	-4.33	.200	-8.03	.075	-6.91	.100	-12.55
.300	-3.05	.086	-3.39	.300	-8.51	.100	-7.65	.150	-12.55
.400	-2.67	.114	-3.17	.400	-8.33	.149	-8.44	.200	-12.55
.500	-3.35	.172	-2.52	.500	-8.13	.200	-8.15	.250	-12.36
.600	-4.00	.229	-2.37	.600	-7.42	.250	-8.54	.300	-10.28
.700	-3.02	.286	-2.41	.700	-6.68	.300	-9.68	.400	-8.14
.800	-2.77	.343	-2.12	.800	-5.89	.350	-9.71	.500	-5.73
		.400	-2.05			.400	-8.44	.600	-5.54
		.458	-2.03			.500	-7.02	.703	-6.07
		.571	-2.22			.600	-5.76	.826	-7.64
		.686	-2.33			.700	-5.69		
		.801	-2.62			.800	-4.55		
		.915	-3.48						
		.967	-4.45						
		.994	-5.72						
				LOWER	SURFACE				
.075	.77	.029	.94	.075	-1.31	.025	-.78	.025	5.89
.150	.79	.057	.99	.150	.62	.050	.21	.050	5.26
.200	.67	.086	.92	.200	1.15	.075	1.24	.100	5.12
.300	.69	.114	.90	.300	1.56	.100	1.05	.150	5.39
.400	.74	.172	.83	.400	1.74	.150	1.99	.200	5.18
.500	.70	.229	.81	.500	1.78	.200	1.96	.250	5.12
.600	.68	.286	.80	.600	1.89	.250	2.41	.300	5.05
.700	.59	.343	.82	.700	1.94	.300	.92	.400	5.11
.861	.11	.400	.80	.861	1.53	.350	2.33	.500	3.98
		.458	.81			.400	2.51	.600	5.73
		.571	.86			.500	-1.10	.703	7.99
		.686	.82			.600	-5.30	.756	7.98
						.700	-6.49		

ALPHA = 2.97 DEGREES DYNAMIC PRESSURE = 10.927 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.94	0.000	-1.18	.075	-7.48	.025	-3.69	.025	-12.63
.150	-4.03	.029	-5.49	.150	-7.71	.050	-5.63	.050	-12.63
.200	-3.40	.057	-5.39	.200	-8.31	.075	-7.04	.100	-12.63
.300	-3.92	.086	-3.86	.300	-8.59	.100	-7.66	.150	-12.63
.400	-4.10	.114	-3.47	.400	-8.29	.149	-8.48	.210	-12.63
.500	-3.82	.172	-2.81	.500	-8.20	.200	-8.16	.250	-12.45
.600	-3.72	.229	-2.62	.600	-7.60	.250	-8.52	.300	-10.40
.700	-3.40	.286	-2.55	.700	-6.71	.300	-9.74	.400	-8.07
.800	-3.48	.343	-2.30	.800	-5.97	.350	-9.74	.500	-5.76
		.400	-2.20			.400	-8.71	.600	-5.53
		.458	-2.07			.500	-6.90	.703	-6.09
		.571	-2.21			.600	-5.93	.826	-7.72
		.686	-2.41			.700	-5.63		
		.801	-2.72			.830	-4.62		
		.915	-3.56						
		.967	-4.58						
		.994	-5.77						
				LOWER	SURFACE				
.075	.96	.029	.88	.075	-1.54	.025	-.79	.025	6.21
.150	.71	.057	.98	.150	.58	.050	.22	.050	5.40
.200	.83	.086	.97	.200	1.25	.075	1.23	.100	5.11
.300	.80	.114	.92	.300	1.64	.100	1.07	.150	5.38
.400	.74	.172	.90	.400	1.84	.150	2.21	.200	5.24
.500	.73	.229	.89	.500	2.05	.200	2.27	.250	5.32
.600	.72	.286	.81	.600	2.16	.250	2.61	.300	5.12
.700	.54	.343	.82	.700	2.23	.300	.99	.400	5.12
.861	.05	.400	.80	.861	1.63	.350	2.73	.500	3.93
		.458	.83			.400	2.20	.600	5.66
		.571	.84			.500	-.92	.703	7.95
		.686	.89			.600	-5.28	.756	8.02
						.700	-6.20		

ALPHA = 4.96 DEGREES DYNAMIC PRESSURE = 10.905 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.10	0.000	-1.58	.075	-7.34	.025	-3.31	.025	-12.54
.150	-4.00	.029	-6.52	.150	-7.65	.050	-5.72	.050	-12.54
.200	-4.17	.057	-5.28	.200	-8.31	.075	-7.06	.100	-12.54
.300	-5.23	.086	-4.15	.300	-8.52	.100	-7.86	.150	-12.54
.400	-4.98	.114	-3.68	.400	-8.35	.149	-8.68	.200	-12.54
.500	-4.37	.172	-2.98	.500	-8.30	.200	-8.22	.250	-12.32
.600	-4.32	.229	-5.95	.600	-7.67	.250	-8.62	.300	-10.21
.700	-4.19	.286	-2.70	.700	-6.80	.300	-9.87	.400	-8.00
.800	-3.58	.343	-2.45	.800	-5.73	.350	-9.61	.500	-5.74
		.400	-2.26			.400	-8.48	.600	-5.41
		.458	-2.31			.500	-6.95	.703	-6.00
		.571	-2.30			.600	-5.87	.826	-7.70
		.686	-2.48			.700	-5.52		
		.801	-2.79			.800	-4.48		
		.915	-3.60						
		.967	-4.61						
		.994	-5.72						
				LOWER	SURFACE				
.075	.97	.029	.84	.075	-1.46	.025	-.86	.025	6.41
.150	.89	.057	.93	.150	.60	.050	.17	.050	5.46
.200	.85	.086	.98	.200	1.30	.075	1.33	.100	5.35
.300	.83	.114	.94	.300	1.68	.100	1.10	.150	5.29
.400	.77	.172	.96	.400	1.97	.150	2.41	.200	5.28
.500	.77	.229	.89	.500	2.28	.200	-7.00	.250	5.27
.600	-4.30	.286	.87	.600	-7.87	.250	2.71	.300	-8.05
.700	.55	.343	.86	.700	2.18	.300	1.29	.420	5.02
.861	-.05	.400	.87	.861	1.82	.350	3.08	.500	3.85
		.458	.85			.400	2.30	.600	5.69
		.571	.86			.500	-.94	.703	7.87
		.686	.89			.600	-5.29	.756	8.02
						.700	-6.06		

ALPHA = 6.95 DEGREES DYNAMIC PRESSURE = 10.933 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.74	0.000	-2.66	.075	-7.65	.025	-3.52	.025	-12.50
.150	-4.90	.029	-7.41	.150	-8.17	.050	-5.53	.050	-12.50
.200	-5.56	.057	-5.62	.200	-8.49	.075	-6.91	.100	-12.50
.300	-5.21	.086	-4.59	.300	-9.00	.100	-7.99	.150	-12.50
.400	-5.54	.114	-3.87	.400	-8.41	.149	-8.81	.200	-12.50
.500	-5.42	.172	-3.16	.500	-8.24	.200	-7.96	.250	-12.18
.600	-4.85	.229	-3.03	.600	-7.75	.250	-8.68	.300	-10.29
.700	-4.71	.286	-2.80	.700	-6.72	.300	-9.96	.400	-8.15
.800	-3.81	.343	-2.44	.800	-5.94	.350	-9.61	.500	-5.68
		.400	-2.38			.400	-8.71	.600	-5.61
		.458	-2.42			.500	-7.18	.703	-6.02
		.571	-2.40			.600	-5.81	.826	-7.54
		.686	-2.56			.700	-5.77		
		.801	-2.88			.800	1.81		
		.915	-3.79						
		.967	-4.73						
		.994	-6.09						
				LOWER	SURFACE				
.075	-.18	.029	.83	.075	2.21	.025	-.88	.025	3.86
.150	.95	.057	.94	.150	.73	.050	.20	.050	5.63
.200	.91	.086	.98	.200	1.31	.075	1.36	.100	5.35
.300	.84	.114	.94	.300	1.82	.100	1.26	.150	5.43
.400	.81	.172	.91	.400	2.05	.150	2.75	.200	5.53
.500	.78	.229	.94	.500	2.54	.200	2.76	.250	5.31
.600	.74	.286	.88	.600	2.52	.250	2.87	.300	5.20
.700	.54	.343	.89	.700	2.31	.300	1.29	.400	4.92
.861	-.05	.400	.86	.861	1.82	.350	3.19	.500	3.84
		.458	.86			.400	2.37	.600	5.70
		.571	.86			.500	-1.13	.703	7.88
		.686	.91			.600	-5.00	.756	7.97
						.700	-5.98		

ALPHA = 8.86 DEGREES DYNAMIC PRESSURE = 10.964 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.44	0.000	-1.64	.075	-7.68	.025	-3.55	.025	-12.46
.150	-6.81	.029	-7.14	.150	-7.91	.050	-4.88	.050	-12.46
.200	-6.12	.057	-5.69	.200	-7.63	.075	-6.71	.100	-12.46
.300	-6.34	.086	-4.76	.300	-5.32	.100	-6.43	.150	-12.46
.400	-5.73	.114	-4.16	.400	-8.54	.149	-8.48	.200	-12.46
.500	-5.97	.172	-3.26	.500	-8.32	.200	-6.65	.250	-11.04
.600	-5.57	.229	-3.11	.600	-7.76	.250	-8.93	.300	-10.19
.700	-4.98	.286	-2.89	.700	-6.76	.300	-9.33	.400	-7.92
.800	-4.19	.343	-2.70	.800	-5.07	.350	-7.21	.500	-4.89
		.400	-2.44			.400	-8.46	.600	-3.79
		.458	-2.46			.500	-6.92	.703	-6.07
		.571	-2.49			.600	-4.52	.826	-7.56
		.686	-2.68			.700	-3.12		
		.801	-2.92			.800	-4.47		
		.915	-2.85						
		.967	-4.30						
		.994	-5.97						
				LOWER	SURFACE				
.075	.98	.029	.71	.075	-1.47	.025	-.79	.025	6.37
.150	.95	.057	.89	.150	.72	.050	.33	.050	5.64
.200	.94	.086	.97	.200	1.31	.075	1.60	.100	5.66
.300	.89	.114	.96	.300	1.98	.100	1.30	.150	5.56
.400	.83	.172	.96	.400	2.06	.150	2.48	.200	5.38
.500	.75	.229	.97	.500	2.27	.200	2.86	.250	5.15
.600	.69	.286	.89	.600	2.57	.250	3.14	.300	5.08
.700	.48	.343	.89	.700	2.80	.300	1.60	.400	4.94
.861	-.19	.400	.89	.861	2.11	.350	3.00	.500	3.87
		.458	.91			.400	2.39	.600	5.50
		.571	.89			.500	-1.16	.703	7.84
		.686	.92			.600	-4.93	.756	7.93
						.700	-5.91		

ALPHA = 10.79 DEGREES DYNAMIC PRESSURE = 11.043 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.62	0.000	-2.03	.075	-7.26	.025	-2.22	.025	-12.36
.150	-6.77	.029	-7.60	.150	-7.46	.050	-4.69	.050	-12.36
.200	-7.24	.057	-6.10	.200	-7.70	.075	-5.86	.100	-12.36
.300	-7.17	.086	-4.67	.300	-8.56	.100	-6.25	.150	-12.36
.400	-6.12	.114	-4.32	.400	-6.93	.149	-6.05	.200	-12.36
.500	-5.88	.172	-3.24	.500	-6.80	.200	-6.32	.250	-10.60
.600	-5.56	.229	-3.29	.600	-4.64	.250	-4.74	.300	-9.34
.700	-5.03	.286	-2.91	.700	-4.46	.300	-9.36	.400	-7.40
.800	-4.21	.343	-2.74	.800	-3.92	.350	-6.29	.500	-4.80
		.400	-2.37			.400	-7.45	.600	-5.09
		.458	-2.49			.500	-6.27	.703	-4.82
		.571	-2.34			.600	-4.59	.826	-6.54
		.686	-2.56			.700	-5.22		
		.801	-2.65			.800	-4.22		
		.915	-3.78						
		.967	-4.42						
		.994	-5.70						
				LOWER	SURFACE				
.075	.86	.029	.68	.075	-1.60	.025	-.67	.025	6.62
.150	.95	.057	.86	.150	.61	.050	.27	.050	5.62
.200	.95	.086	.95	.200	1.37	.075	1.69	.100	5.37
.300	.89	.114	.86	.300	1.99	.100	1.46	.150	5.56
.400	.82	.172	.92	.400	2.21	.150	3.04	.200	5.46
.500	.81	.229	.90	.500	2.75	.200	3.17	.250	5.31
.600	.65	.286	.92	.600	2.92	.250	3.28	.300	5.01
.700	.50	.343	.91	.700	2.87	.300	2.08	.400	4.96
.861	-.34	.400	.89	.861	2.81	.350	2.75	.500	3.77
		.458	.88			.400	2.43	.600	5.44
		.571	.90			.500	-1.38	.703	7.77
		.686	.93			.600	-4.43	.756	7.70
						.700	-4.98		

ALPHA = 12.74 DEGREES DYNAMIC PRESSURE = 11.007 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-7.84	0.000	-2.15	.075	-6.66	.025	-2.25	.025	-12.40
.150	-7.37	.029	-7.81	.150	-6.89	.050	-3.45	.050	-12.40
.200	-6.94	.057	-6.36	.200	-3.98	.075	-6.43	.100	-12.40
.300	-7.10	.086	-4.94	.300	-5.30	.100	-5.25	.150	-12.40
.400	-6.26	.114	-4.40	.400	-4.21	.149	-6.58	.200	-12.40
.500	-6.43	.172	-2.92	.500	-5.96	.200	-5.44	.250	-10.78
.600	-5.78	.229	-3.03	.600	-6.81	.250	-6.03	.300	-8.81
.700	-5.27	.286	-2.92	.700	-5.85	.300	-6.81	.400	-6.73
.800	-3.88	.343	-2.40	.800	-2.40	.350	-6.92	.500	-3.76
		.400	-1.96			.400	-5.98	.600	-3.72
		.458	-2.52			.500	-5.08	.733	-4.14
		.571	-2.48			.600	-2.57	.826	-6.41
		.686	-2.50			.700	-2.87		
		.801	-2.27			.800	-2.66		
		.915	-2.91						
		.967	-2.89						
		.994	-5.38						
				LOWER	SURFACE				
.075	.76	.029	.57	.075	-1.60	.025	-.88	.025	6.63
.150	.97	.057	.86	.150	.70	.050	.41	.050	5.84
.200	.93	.086	.83	.200	1.42	.075	1.78	.100	5.51
.300	.88	.114	.94	.300	2.02	.100	1.68	.150	5.50
.400	.83	.172	.94	.400	2.38	.150	3.14	.200	5.44
.500	.79	.229	.92	.500	2.86	.200	3.23	.250	5.22
.600	.69	.286	.93	.600	3.14	.250	3.05	.300	4.96
.700	.50	.343	.93	.700	2.64	.300	2.03	.400	4.82
.861	-.26	.400	.91	.961	3.16	.350	3.18	.500	3.80
		.458	.90			.400	2.11	.600	5.47
		.571	.91			.500	-1.24	.703	7.73
		.686	.89			.600	-4.07	.756	7.88
						.700	-4.68		

ALPHA = 14.59 DEGREES DYNAMIC PRESSURE = 10.837 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-8.23	0.000	-2.27	.075	-6.17	.025	-2.30	.025	-12.62
.150	-8.38	.029	-8.01	.150	-5.58	.050	-4.26	.050	-.10
.200	-8.05	.057	-6.33	.200	-5.65	.075	-5.26	.100	-12.62
.300	-7.84	.086	-4.84	.300	-7.33	.100	-6.27	.150	-12.62
.400	-7.17	.114	-4.34	.400	-6.50	.149	-2.94	.200	-12.62
.500	-6.54	.172	-3.43	.500	-4.37	.200	-5.99	.250	-10.84
.600	-6.12	.229	-3.26	.600	-5.24	.250	-5.50	.300	-9.01
.700	-5.43	.286	-3.03	.700	-4.32	.300	-6.38	.400	-6.79
.800	-4.67	.343	-2.74	.800	-3.70	.350	-6.09	.500	-4.33
		.400	-2.48			.400	-5.52	.600	-4.33
		.458	-2.48			.500	-4.20	.703	-4.97
		.571	-2.40			.600	-3.47	.826	-6.31
		.686	-2.28			.700	-4.00		
		.801	-2.82			.800	-3.06		
		.915	-3.51						
		.967	-3.65						
		.994	-4.58						
				LOWER	SURFACE				
.075	.64	.029	.53	.075	-1.49	.025	-.57	.025	6.64
.150	.93	.057	.77	.150	.71	.050	.49	.050	5.83
.200	.95	.086	.86	.200	1.40	.075	1.85	.100	5.60
.300	.87	.114	.81	.300	2.03	.100	1.87	.150	5.54
.400	.80	.172	.97	.400	2.44	.150	3.23	.200	5.48
.500	.78	.229	.92	.500	2.93	.200	3.16	.250	5.23
.600	.67	.296	.95	.600	2.95	.250	3.48	.300	5.01
.700	.50	.343	.92	.700	3.23	.300	1.89	.400	5.01
.861	-.36	.400	.92	.861	2.89	.350	3.16	.500	3.80
		.458	.90			.400	2.28	.600	5.50
		.571	.92			.500	-1.60	.703	7.78
		.686	.94			.600	-4.20	.756	7.90
						.700	-5.17		

ALPHA = 16.45 DEGREES DYNAMIC PRESSURE = 10.851 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-8.60	0.000	-2.13	.075	-5.69	.025	-2.38	.025	-12.60
.150	-8.37	.029	-7.86	.150	-5.57	.050	-3.75	.050	-12.60
.200	-8.12	.057	-5.94	.200	-4.45	.075	-4.63	.100	-12.60
.300	-7.70	.086	-4.95	.300	-3.51	.100	-5.87	.150	-12.60
.400	-7.14	.114	-3.62	.400	-4.54	.149	-5.29	.200	-12.59
.500	-7.05	.172	-2.98	.500	-6.32	.200	-4.08	.250	-10.99
.600	-5.88	.229	-3.98	.600	-4.10	.250	-4.95	.300	-8.89
.700	-5.45	.286	-2.74	.700	-4.13	.300	-5.34	.400	-6.78
.800	-4.57	.343	-2.40	.800	-2.93	.350	-5.56	.500	-4.18
		.400	-2.22			.400	-5.10	.600	-3.85
		.458	-2.45			.500	-4.20	.703	-4.59
		.571	-2.13			.600	-3.10	.826	-6.89
		.686	-2.66			.700	-3.02		
		.801	-2.44			.800	-2.59		
		.915	-2.28						
		.967	-3.10						
		.994	-4.58						
				LOWER	SURFACE				
.075	.63	.029	.50	.075	-2.18	.025	-.46	.025	7.16
.150	.90	.057	.76	.150	.43	.050	.67	.050	5.88
.200	.90	.086	.87	.200	1.30	.075	2.06	.100	5.58
.300	.94	.114	.86	.300	2.18	.100	2.03	.150	5.47
.400	.82	.172	.93	.400	2.53	.150	3.37	.200	5.43
.500	.77	.229	.93	.500	3.03	.200	-3.82	.250	5.29
.600	-8.83	.286	.94	.600	-4.55	.250	3.49	.300	-6.64
.700	.51	.343	.92	.700	3.31	.300	2.10	.400	4.91
.861	-.32	.400	.91	.861	3.41	.350	3.21	.500	3.75
		.458	.91			.400	2.19	.600	5.47
		.571	.91			.500	-1.47	.703	7.77
		.686	.90			.600	-4.31	.756	7.95
						.700	-4.88		

APPENDIX J

ALPHA = 18.28 DEGREES DYNAMIC PRESSURE = 13.946 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.38	0.000	-1.28	.075	-3.77	.025	-1.91	.025	-12.49
.150	-4.77	.029	-5.27	.150	-1.84	.050	-3.42	.050	-12.49
.200	-4.23	.057	-5.86	.200	-2.54	.075	-4.13	.100	-12.49
.300	-4.03	.086	-4.64	.300	-2.42	.100	-4.31	.150	-12.49
.400	-5.79	.114	-3.54	.400	-3.37	.149	-5.48	.200	-12.24
.500	-6.29	.172	-2.54	.500	-2.91	.200	-4.21	.250	-10.36
.600	-4.30	.229	-2.67	.600	-2.80	.250	-4.81	.300	-8.73
.700	-4.89	.286	-2.91	.700	-2.59	.350	-4.59	.400	-5.86
.800	-4.57	.343	-2.16	.800	-2.01	.450	-4.53	.500	-4.00
		.400	-1.95			.500	-4.57	.600	-3.54
		.458	-1.95			.600	-2.94	.733	-4.54
		.571	-2.56			.700	-3.04	.826	-6.20
		.686	-1.36			.800	-2.74		
		.801	-2.32				-2.70		
		.915	-1.93						
		.967	-1.98						
		.994	-2.32						
				LOWER	SURFACE				
.075	.67	.029	.58	.075	-2.13	.025	-.62	.025	6.63
.150	.92	.057	.74	.150	1.16	.050	.65	.050	5.98
.200	.95	.086	.86	.200	1.26	.075	1.94	.075	5.59
.300	.93	.114	.86	.300	2.04	.100	1.82	.130	5.37
.400	.84	.172	.90	.400	2.39	.150	3.11	.200	5.31
.500	.80	.229	.89	.500	2.86	.200	3.67	.250	5.13
.600	.73	.286	.91	.600	3.40	.250	3.56	.300	5.07
.700	.58	.343	.94	.700	3.30	.300	2.29	.430	4.94
.861	-.26	.400	.93	.861	3.41	.350	3.07	.500	3.78
		.458	.89			.400	2.25	.600	5.43
		.571	.92			.500	-1.64	.703	7.78
		.686	.93			.600	-4.10	.756	7.75
						.700	-4.93		

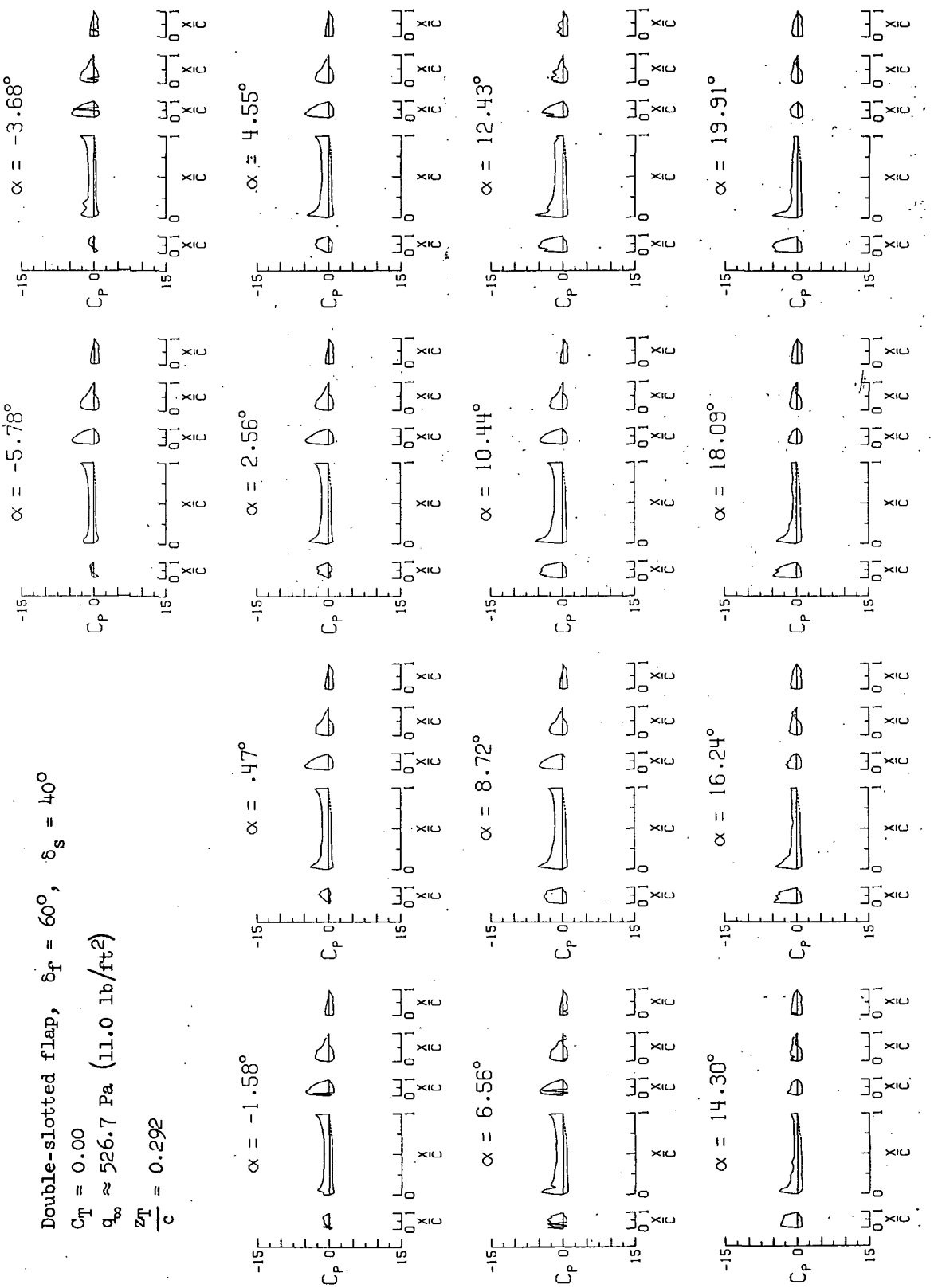
ALPHA = 20.06 DEGREES DYNAMIC PRESSURE = 10.990 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.63	0.000	-1.05	.075	-2.62	.025	-1.52	.025	-12.44
.150	-3.44	.029	-2.30	.150	-1.51	.050	-2.99	.050	-12.44
.200	-2.90	.057	-1.91	.200	-1.90	.075	-3.44	.100	-12.44
.300	-2.70	.086	-2.10	.300	-1.80	.100	-3.53	.150	-12.44
.400	-3.14	.114	-2.10	.400	-1.89	.149	-3.59	.200	-11.79
.500	-3.36	.172	-1.96	.500	-1.89	.200	-2.84	.250	-10.03
.600	-3.75	.229	-2.02	.600	-2.11	.250	-3.44	.300	-7.99
.700	-3.51	.286	-2.08	.700	-2.08	.350	-3.45	.400	-5.68
.800	-3.98	.343	-2.16	.800	-2.05	.400	-3.95	.500	-3.74
		.400	-2.16	.900	-2.47	.450	-2.45	.600	-3.06
		.458	-2.12			.500	-2.71	.703	-3.84
		.571	-2.28			.603	-2.54	.826	-6.55
		.686	-2.19			.700	-2.60		
		.801	-1.87			.800	-2.33		
		.915	-1.67						
		.967	-2.40						
		.994	-2.08						
				LOWER	SURFACE				
.075	.74	.029	.70	.075	-2.35	.025	-.56	.025	6.66
.150	.92	.057	.88	.150	-2.16	.050	.41	.050	5.70
.200	.97	.086	.93	.200	.79	.075	1.71	.100	5.63
.300	.94	.114	.91	.300	1.78	.130	1.89	.150	5.66
.400	.88	.172	.96	.400	2.52	.150	3.26	.200	5.41
.500	.90	.229	.96	.500	2.95	.200	3.50	.250	5.14
.600	.80	.286	.94	.600	3.43	.250	3.44	.300	5.01
.700	.68	.343	.96	.700	3.30	.300	1.98	.400	4.78
.861	.23	.400	.95	.861	3.34	.350	3.35	.500	3.66
		.458	.95			.400	2.18	.600	5.48
		.571	.96			.500	-1.41	.703	7.62
		.686	1.07			.600	-3.76	.756	7.72
						.700	-4.41		

APPENDIX K

PRESSURE DATA FOR $\delta_f = 60^o$, $\delta_s = 40^o$, AND MEDIUM PYLON

The pressure measurements made on the wing with the double-slotted flap and the leading-edge slat deflected ($\delta_f = 60^o$ and $\delta_s = 40^o$) are presented in this appendix in coefficient form in graphs and tables. The data are for the medium-length pylon and are arranged in order of increasing thrust coefficient.


Double-slotted flap, $\delta_f = 60°$, $\delta_s = 40°$
$C_T = 0.00$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft2)
$\frac{z_T}{c} = 0.292$
α = -5.78°
α = -3.68°
α = -1.58°
α = .47°
α = 2.56°
α = 4.55°
α = 6.56°
α = 8.72°
α = 10.44°
α = 12.43°
α = 14.30°
α = 16.24°
α = 18.09°
α = 19.91°
C_P
x/c

ALPHA = -5.79 DEGREES DYNAMIC PRESSURE = 11.006 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.00	0.000	-1.99	.075	-3.62	.025	-1.80	.025	-.82
.150	.68	.029	-2.17	.150	-4.30	.050	-2.10	.050	-.71
.200	.44	.057	-1.89	.200	-4.54	.075	-2.51	.100	-.82
.300	-.10	.086	-1.48	.300	-4.64	.100	-2.67	.150	-.80
.400	-.51	.114	-1.32	.400	-4.30	.149	-2.85	.200	-.76
.500	-.71	.172	-1.16	.500	-3.84	.200	-2.85	.250	-.76
.600	-.75	.229	-1.03	.600	-3.44	.250	-2.79	.300	-.67
.700	-.78	.286	-1.06	.700	-2.85	.300	-2.66	.400	-.62
.800	-.76	.343	-1.03	.800	-2.36	.350	-2.54	.500	-.51
		.400	-.99			.400	-2.39	.600	-.33
		.458	-.96			.500	-1.73	.703	-.22
		.571	-1.03			.600	-1.35	.826	-.03
		.686	-1.13			.700	-1.07		
		.801	-1.35			.800	-.79		
		.915	-1.74						
		.967	-2.26						
		.994	-2.81						
				LOWER	SURFACE				
.075	-.36	.029	.84	.075	.55	.025	.63	.025	1.02
.150	-.43	.057	1.02	.150	1.00	.050	.82	.050	1.04
.200	-.42	.086	.81	.200	1.04	.075	.95	.100	.99
.300	-.49	.114	.68	.300	1.04	.100	1.01	.150	.98
.400	-.48	.172	.47	.400	1.00	.150	1.00	.200	.96
.500	-.46	.229	.44	.500	.94	.200	1.04	.250	.94
.600	-.50	.286	.37	.600	.92	.250	.99	.300	.95
.700	-.43	.343	.42	.700	.80	.300	.95	.400	.94
.861	-.03	.400	.39	.861	.31	.350	.87	.500	.77
		.458	.39			.400	.85	.600	.89
		.571	.45			.500	.49	.703	.93
		.686	.42			.600	-.08	.756	.84
						.700	-.16		

ALPHA = -3.68 DEGREES DYNAMIC PRESSURE = 10.966 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.85	0.000	-1.51	.075	-3.66	.025	-1.77	.025	-.88
.150	.32	.029	-2.68	.150	-4.40	.050	-2.16	.050	-.71
.200	.44	.057	-2.31	.200	-4.56	.075	-2.56	.100	-.77
.300	-.36	.086	-1.78	.300	-4.64	.100	-2.75	.150	-.76
.400	-.74	.114	-1.57	.400	-4.28	.149	-2.84	.200	-.73
.500	-1.05	.172	-2.25	.500	-4.00	.200	-2.83	.250	-.72
.600	-1.16	.229	-1.22	.600	-3.50	.250	-2.75	.300	-.69
.700	-.95	.286	-1.28	.700	-2.91	.300	-2.60	.400	-.57
.800	-1.05	.343	-1.12	.800	-2.27	.350	-2.55	.500	-.52
		.400	-1.07			.400	-2.43	.600	-.33
		.458	-1.03			.500	-1.66	.703	-.22
		.571	-1.13			.600	-1.36	.826	.02
		.686	-1.23			.700	-1.06		
		.801	-1.39			.800	-.71		
		.915	-1.79						
		.967	-2.28						
		.994	-2.91						
				LOWER	SURFACE				
.075	-.07	.029	.94	.075	.60	.025	.58	.025	1.04
.150	-.06	.057	.93	.150	.98	.050	.83	.050	1.00
.200	-.18	.086	.72	.200	1.05	.075	.93	.100	1.01
.300	-.32	.114	.67	.300	1.04	.100	.97	.150	.99
.400	-.17	.172	.52	.400	.97	.150	-1.49	.200	.95
.500	.02	.229	.46	.500	-4.65	.200	1.05	.250	-.44
.600	-.39	.286	.42	.600	.92	.250	1.02	.300	.96
.700	-.02	.343	.45	.700	.80	.300	.94	.400	.95
.861	.13	.400	.41	.861	.33	.350	.83	.500	.77
		.458	.46			.400	.82	.600	.85
		.571	.44			.500	.54	.703	.92
		.686	.45			.600	-.06	.756	.84
						.700	-.17		

ALPHA = -1.59 DEGREES DYNAMIC PRESSURE = 10.907 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.67	0.000	-1.21	.075	-3.80	.025	-1.73	.025	-.80
.150	.07	.029	-1.12	.150	-4.38	.050	-2.11	.050	-.69
.200	-.38	.057	-2.44	.200	-4.60	.075	-2.47	.100	-.72
.300	-.88	.086	-1.98	.300	-4.79	.100	-2.73	.150	-.74
.400	-1.04	.114	-1.81	.400	-4.02	.149	-2.85	.200	-.75
.500	-1.08	.172	-1.46	.500	-3.89	.200	-2.80	.250	-.68
.600	-1.17	.229	-1.32	.600	-3.52	.250	-2.73	.300	-.62
.700	-1.34	.286	-1.33	.700	-2.91	.300	-2.58	.400	-.52
.800	-1.26	.343	-1.21	.800	-2.29	.350	-2.51	.500	-.36
		.400	-1.12			.400	-2.51	.600	-.27
		.458	-1.12			.500	-1.59	.703	-.20
		.571	-1.14			.600	-1.22	.826	.05
		.686	-1.18			.700	-1.03		
		.801	-1.34			.800	-.77		
		.915	-1.87						
		.967	-2.30						
		.994	-2.86						
				LOWER	SURFACE				
.075	.09	.029	1.05	.075	.54	.025	.57	.025	.99
.150	-1.39	.057	.92	.150	-3.43	.050	.78	.050	.91
.200	.03	.086	.76	.200	1.02	.075	.90	.100	1.00
.300	.06	.114	.69	.300	1.04	.100	.97	.150	1.01
.400	.06	.172	.56	.400	.99	.150	1.00	.200	.97
.500	-.02	.229	.52	.500	.93	.200	1.00	.250	.95
.600	.04	.286	.52	.600	.88	.250	.99	.300	.94
.700	.07	.343	.56	.700	.79	.300	.92	.400	.93
.861	.04	.400	.51	.861	.30	.350	.89	.500	.77
		.458	.53			.400	.87	.600	.90
		.571	.48			.500	.53	.703	.91
		.686	.52			.600	-.01	.756	.84
						.700	-.13		

ALPHA = .48 DEGREES DYNAMIC PRESSURE = 10.886 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.39	0.000	-.95	.075	-3.70	.025	-1.70	.025	-.79
.150	-.21	.029	-3.80	.150	-4.42	.050	-2.07	.050	-.58
.200	-.54	.057	-3.18	.200	-4.75	.075	-2.61	.100	-.66
.300	-1.07	.086	-2.38	.300	-4.78	.100	-2.68	.150	-.70
.400	-1.46	.114	-2.05	.400	-4.34	.149	-2.71	.200	-.68
.500	-1.65	.172	-1.54	.500	-3.94	.200	-2.64	.250	-.63
.600	-2.04	.229	-1.58	.600	-3.53	.250	-2.67	.300	-.57
.700	-1.72	.286	-1.56	.700	-2.87	.300	-2.68	.400	-.52
.800	-1.51	.343	-1.33	.800	-2.29	.350	-2.50	.500	-.39
		.400	-1.25			.400	-2.35	.600	-.30
		.458	-1.27			.500	-1.60	.703	-.18
		.571	-1.31			.600	-1.25	.826	.07
		.686	-1.32			.700	-1.03		
		.801	-1.50			.800	-.71		
		.915	-1.90						
		.967	-2.43						
		.994	-2.91						
				LOWER	SURFACE				
.075	.23	.029	.99	.075	.54	.025	.52	.025	1.01
.150	.27	.057	.94	.150	.92	.050	.74	.050	.98
.200	.42	.086	.80	.200	.97	.075	.89	.100	.98
.300	.27	.114	.71	.300	1.02	.100	.94	.150	.98
.400	.25	.172	.63	.400	.97	.150	1.03	.200	.96
.500	.15	.229	.62	.500	.97	.200	.99	.250	.99
.600	.42	.286	.71	.600	.87	.250	1.00	.300	.93
.700	.40	.343	.58	.700	.78	.300	.97	.400	.95
.861	.18	.400	.52	.861	.32	.350	.97	.500	.79
		.458	.59			.400	.89	.600	.96
		.571	.52			.500	.61	.703	.93
		.686	.55			.600	.01	.756	.88
						.700	-.12		

ALPHA = 2.56 DEGREES DYNAMIC PRESSURE = 10.899 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-.36	0.000	-.48	.075	-3.58	.025	-1.69	.025	-.80
.150	-.93	.029	-3.99	.150	-4.48	.050	-2.11	.050	-.57
.200	-1.12	.057	-3.23	.200	-4.67	.075	-2.53	.100	-.68
.300	-2.32	.086	-2.57	.300	-4.87	.100	-2.71	.150	-.68
.400	-2.05	.114	-2.14	.400	-4.39	.149	-2.82	.200	-.67
.500	-1.97	.172	-1.90	.500	-3.92	.200	-2.73	.250	-.60
.600	-2.31	.229	-1.80	.600	-3.43	.250	-2.64	.300	-.59
.700	-2.27	.286	-1.64	.700	-2.87	.300	-2.54	.400	-.50
.800	-1.80	.343	-1.45	.800	-2.38	.350	-2.51	.500	-.37
		.400	-1.39			.400	-2.21	.600	-.22
		.458	-1.40			.500	-1.57	.703	-.16
		.571	-1.33			.600	-1.19	.826	-.03
		.686	-1.36			.700	-.97		
		.801	-1.54			.800	-.71		
		.915	-1.97						
		.967	-2.36						
		.994	-2.97						
				LOWER SURFACE					
.075	.40	.029	.98	.075	.58	.025	.58	.025	1.04
.150	.43	.057	.96	.150	1.00	.050	.79	.050	1.05
.200	.42	.086	.83	.200	1.03	.075	.90	.100	1.03
.300	.33	.114	.76	.300	1.04	.100	1.00	.150	1.02
.400	.37	.172	.69	.400	1.03	.150	.98	.200	1.03
.500	.73	.229	.70	.500	.92	.200	1.03	.250	.94
.600	.76	.286	.59	.600	.90	.250	1.05	.300	.97
.700	.69	.343	.63	.700	.83	.300	1.00	.400	1.00
.861	.28	.400	.55	.861	.35	.350	.93	.500	.83
		.458	.60			.400	.86	.600	.93
		.571	.61			.500	.65	.703	.89
		.686	.56			.600	-.05	.756	.90
						.700	-.08		

ALPHA = 4.55 DEGREES DYNAMIC PRESSURE = 10.893 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-.85	0.000	-.48	.075	-3.64	.025	-1.50	.025	-.85
.150	-1.41	.029	-4.48	.150	-4.54	.050	-2.14	.050	-.57
.200	-1.63	.057	-3.61	.200	-4.77	.075	-2.64	.100	-.62
.300	-2.47	.086	-2.79	.300	-4.90	.100	-2.68	.150	-.64
.400	-2.48	.114	-2.36	.400	-4.40	.149	-2.83	.200	-.62
.500	-2.89	.172	-1.88	.500	-4.07	.200	-2.76	.250	-.62
.600	-2.52	.229	-1.80	.600	-3.58	.250	-2.61	.300	-.55
.700	-2.31	.286	-1.77	.700	-2.87	.300	-2.60	.400	-.45
.800	-2.47	.343	-1.55	.800	-2.38	.350	-2.55	.500	-.36
		.400	-1.48			.400	-2.24	.600	-.21
		.458	-1.36			.500	-1.58	.703	-.14
		.571	-1.37			.600	-1.24	.826	.08
		.686	-1.48			.700	-.97		
		.801	-1.58			.800	-.65		
		.915	-1.95						
		.967	-2.43						
		.994	-2.98						
				LOWER SURFACE					
.075	.66	.029	1.05	.075	.56	.025	.49	.025	1.01
.150	.69	.057	1.02	.150	.92	.050	.70	.050	.97
.200	.71	.086	.94	.200	.98	.075	.83	.100	.97
.300	.67	.114	.87	.300	1.00	.100	.92	.150	.96
.400	.74	.172	.76	.400	.98	.150	1.02	.200	.96
.500	.76	.229	.70	.500	.98	.200	1.01	.250	1.00
.600	.77	.286	.63	.600	.92	.250	.99	.300	.98
.700	.68	.343	.67	.700	.80	.300	.94	.400	.96
.861	.22	.400	.67	.861	.30	.350	.93	.500	.77
		.458	.66			.400	.87	.600	.92
		.571	.57			.500	.66	.703	.91
		.686	.60			.600	-.02	.756	.92
						.700	-.10		

ALPHA = 6.56 DEGREES DYNAMIC PRESSURE = 10.877 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-1.43	0.000	-1.54	.075	-3.72	.025	-1.57	.025	-.79
.150	-2.02	.029	-4.59	.150	-4.52	.050	-2.16	.050	-.49
.200	-2.49	.057	-3.88	.200	-4.63	.075	-2.44	.100	-.61
.300	-3.24	.086	-1.59	.300	-4.90	.100	-2.71	.150	-.49
.400	-2.48	.114	-2.68	.400	-4.41	.149	-2.74	.200	-.59
.500	-3.05	.172	-2.17	.500	-4.01	.200	-2.60	.250	-.57
.600	-3.21	.229	-1.91	.600	-3.53	.250	-2.44	.300	-.48
.700	-2.31	.286	-1.89	.700	-2.87	.300	-2.59	.400	-.43
.800	-2.51	.343	-1.70	.800	-2.23	.350	-2.45	.500	-.33
		.400	-1.41			.400	-2.29	.600	-.20
		.458	-1.36			.500	-1.47	.703	-.14
		.571	-1.46			.600	-1.12	.826	.10
		.686	-1.43			.700	-.95		
		.801	-1.58			.800	.88		
		.915	-1.99						
		.967	-2.37						
		.994	-2.97						
				LOWER SURFACE					
.075	-3.24	.029	1.05	.075	-2.83	.025	.55	.025	.89
.150	.70	.057	1.03	.150	1.01	.050	.72	.050	1.05
.200	.75	.086	.97	.200	.99	.075	-.05	.100	1.00
.300	-2.93	.114	.95	.300	-4.34	.100	.89	.150	-.07
.400	.75	.172	.84	.400	.95	.150	.97	.200	.96
.500	.79	.229	.79	.500	.94	.200	.99	.250	.97
.600	.75	.286	.73	.600	.90	.250	.95	.300	.96
.700	.63	.343	.74	.700	.77	.300	.97	.400	.94
.861	.16	.400	.69	.861	.31	.350	.94	.500	.79
		.458	.70			.400	.87	.600	.95
		.571	.67			.500	.69	.703	.91
		.686	.64			.600	-.03	.756	.95
						.700	-.10		

ALPHA = 8.73 DEGREES DYNAMIC PRESSURE = 10.903 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-2.81	0.000	-.96	.075	-3.71	.025	-1.71	.025	-.76
.150	-3.10	.029	-5.19	.150	-4.43	.050	-2.15	.050	-.30
.200	-3.29	.057	-4.20	.200	-4.77	.075	-2.45	.100	-.56
.300	-3.47	.086	-3.22	.300	-4.81	.100	-2.52	.150	-.54
.400	-3.87	.114	-2.94	.400	-4.43	.149	-2.68	.200	-.54
.500	-3.82	.172	-2.39	.500	-4.12	.200	-2.82	.250	-.51
.600	-3.50	.229	-2.22	.600	-3.51	.250	-2.58	.300	-.42
.700	-3.21	.286	-2.01	.700	-2.91	.300	-2.53	.400	-.37
.800	-3.26	.343	-1.77	.800	-2.32	.350	-2.41	.500	-.22
		.400	-1.63			.400	-2.25	.600	-.16
		.458	-1.56			.500	-1.44	.703	-.02
		.571	-1.52			.600	-1.12	.826	.21
		.686	-1.57			.700	-.92		
		.801	-1.68			.800	-.54		
		.915	-1.99						
		.967	-2.44						
		.994	-2.94						
				LOWER SURFACE					
.075	1.02	.029	.99	.075	.58	.025	.57	.025	.99
.150	.88	.057	1.02	.150	1.00	.050	.73	.050	1.05
.200	.84	.086	.96	.200	1.04	.075	.83	.100	1.04
.300	.82	.114	.97	.300	1.02	.100	.90	.150	1.00
.400	.84	.172	.84	.400	1.03	.150	1.00	.200	1.02
.500	.81	.229	.85	.500	.96	.200	1.02	.250	.99
.600	.76	.286	.82	.600	.91	.250	1.00	.300	.99
.700	.67	.343	.77	.700	.81	.300	1.00	.400	.98
.861	.16	.400	.70	.861	.33	.350	.96	.500	.83
		.458	.73			.400	.94	.600	.93
		.571	.67			.500	.68	.703	.96
		.686	.65			.600	.07	.756	.91
						.700	-.03		

ALPHA = 10.44 DEGREES DYNAMIC PRESSURE = 10.899 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.87	0.000	-.95	.075	-3.66	.025	-1.73	.025	-.67
.150	-3.27	.029	-5.77	.150	-4.53	.050	-2.16	.050	-.34
.200	-4.45	.057	-4.55	.200	-4.72	.075	-2.48	.100	-.46
.300	-4.83	.086	-3.43	.300	-4.78	.100	-2.51	.150	-.45
.400	-4.30	.114	-2.97	.400	-4.43	.149	-2.70	.200	-.52
.500	-4.35	.172	-2.43	.500	-4.05	.200	-2.51	.250	-.47
.600	-4.33	.229	-2.25	.600	-3.64	.250	-2.37	.300	-.41
.700	-3.97	.286	-2.13	.700	-2.85	.300	-2.46	.400	-.40
.800	-3.61	.343	-1.89	.800	-2.25	.350	-2.34	.500	-.21
		.400	-1.68			.400	-2.20	.600	-.07
		.458	-1.69			.500	-1.46	.703	.01
		.571	-1.66			.600	-1.05	.826	.20
		.686	-1.64			.700	-.79		
		.801	-1.67			.800	-.61		
		.915	-2.02						
		.967	-2.48						
		.994	-3.00						
				LOWER	SURFACE				
.075	.98	.029	.95	.075	.53	.025	.48	.025	.97
.150	.91	.057	1.00	.150	.93	.050	.69	.050	.98
.200	.90	.086	.99	.200	1.01	.075	.79	.100	1.01
.300	.84	.114	.96	.300	.98	.100	.93	.150	.98
.400	.83	.172	.93	.400	.99	.150	.98	.200	1.00
.500	.80	.229	.80	.500	.94	.200	1.00	.250	.97
.600	.76	.286	.81	.600	.90	.250	1.01	.300	.97
.700	.62	.343	.81	.700	.79	.300	1.00	.400	.97
.861	.10	.400	.74	.861	.34	.350	.99	.500	.83
		.458	.71			.400	.93	.600	.96
		.571	.65			.500	.73	.703	.94
		.686	.67			.600	.08	.756	.93
						.700	.02		

ALPHA = 12.43 DEGREES DYNAMIC PRESSURE = 10.972 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.92	0.000	-1.25	.075	-3.72	.025	-1.49	.025	-.59
.150	-3.38	.029	-5.86	.150	-2.22	.050	-2.02	.050	-.41
.200	-3.15	.057	-3.46	.200	-1.94	.075	-1.23	.100	-.48
.300	-4.98	.086	-2.78	.300	-4.47	.100	-2.45	.150	-1.32
.400	-5.09	.114	-3.25	.400	-4.32	.149	-2.27	.200	-1.13
.500	-4.65	.172	-2.67	.500	-3.86	.200	-2.36	.250	-.55
.600	-4.56	.229	-2.19	.600	-3.28	.250	-1.49	.300	-.41
.700	-4.27	.286	-1.94	.700	-2.74	.300	-1.45	.400	-1.03
.800	-3.44	.343	-1.88	.800	-1.88	.350	-2.05	.500	-.97
		.400	-1.60			.400	-2.19	.600	-.17
		.458	-1.69			.500	-1.04	.703	.03
		.571	-1.56			.600	-.98	.826	.24
		.686	-1.56			.700	-.77		
		.801	-1.73			.800	-.45		
		.915	-1.86						
		.967	-1.05						
		.994	-1.47						
				LOWER	SURFACE				
.075	1.00	.029	.97	.075	.60	.025	.53	.025	.98
.150	.94	.057	1.03	.150	.96	.050	.83	.050	1.00
.200	.83	.086	1.03	.200	.97	.075	.90	.100	.95
.300	.89	.114	.96	.300	.99	.100	.91	.150	.99
.400	.85	.172	.94	.400	1.00	.150	.98	.200	.99
.500	.79	.229	.88	.500	.94	.200	.99	.250	.97
.600	.75	.286	.83	.600	.88	.250	.98	.300	.94
.700	.67	.343	.74	.700	.80	.300	1.03	.400	.95
.861	.07	.400	.80	.861	.40	.350	.96	.500	.85
		.458	.79			.400	.92	.600	.93
		.571	.69			.500	.74	.703	.92
		.686	.65			.600	.11	.756	.90
						.700	.05		

ALPHA = 14.30 DEGREES DYNAMIC PRESSURE = 10.995 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.52	0.000	-.54	.075	-1.30	.025	-1.48	.025	-1.44
.150	-3.54	.029	-3.84	.150	-1.99	.050	-.87	.050	-.18
.200	-3.45	.057	-3.32	.200	-2.04	.075	-1.14	.100	-1.19
.300	-3.27	.086	-2.21	.300	-1.56	.100	-1.18	.150	-1.17
.400	-3.24	.114	-1.91	.400	-1.41	.149	-.64	.200	-1.24
.500	-2.98	.172	-1.41	.500	-1.33	.200	-1.34	.250	-1.25
.600	-2.92	.229	-1.57	.600	-1.33	.250	-1.30	.300	-1.07
.700	-2.71	.286	-1.09	.700	-1.10	.300	-1.34	.400	-1.02
.800	-2.79	.343	-.93	.800	-1.16	.350	-1.45	.500	-.89
		.400	-1.28			.400	-1.16	.600	-.89
		.458	-.79			.500	-1.10	.703	-.78
		.571	-.76			.600	-.94	.826	-.65
		.686	-.70			.700	-.90		
		.801	-.74			.800	-.89		
		.915	-.78						
		.967	-1.14						
		.994	-1.33						
				LOWER	SURFACE				
.075	1.01	.029	.69	.075	.70	.025	.72	.025	.99
.150	.93	.057	1.02	.150	.95	.050	.86	.050	.99
.200	.90	.086	.99	.200	1.01	.075	.95	.100	1.02
.300	.89	.114	.94	.300	1.02	.100	1.02	.150	1.00
.400	.87	.172	.86	.400	1.03	.150	.86	.200	1.02
.500	.85	.229	.70	.500	1.00	.200	1.02	.250	1.00
.600	.83	.286	.76	.600	.95	.250	.97	.300	.99
.700	.73	.343	.77	.700	.87	.300	.92	.400	.92
.861	.31	.400	.78	.861	.60	.350	.94	.500	.77
		.458	.79			.400	.85	.600	.93
		.571	.66			.500	.55	.703	.92
		.686	.64			.600	-.36	.756	.87
						.700	-.38		

ALPHA = 16.24 DEGREES DYNAMIC PRESSURE = 10.959 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.90	0.000	-.53	.075	-1.46	.025	-.75	.025	-1.40
.150	-4.57	.029	-4.55	.150	-1.88	.050	-.85	.050	-1.04
.200	-4.42	.057	-3.55	.200	-1.72	.075	-1.33	.100	-1.02
.300	-3.72	.086	-2.86	.300	-2.12	.100	-1.48	.150	-1.20
.400	-4.02	.114	-2.63	.400	-1.76	.149	-1.66	.200	-1.25
.500	-4.28	.172	-1.45	.500	-1.74	.200	-1.29	.250	-1.20
.600	-3.45	.229	-1.41	.600	-1.20	.250	-1.41	.300	-1.14
.700	-3.77	.286	-1.07	.700	-1.25	.300	-1.34	.400	-.99
.800	-2.69	.343	-1.11	.800	-1.11	.350	-1.28	.500	-.96
		.400	-1.11			.400	-1.34	.600	-.78
		.458	-1.11			.500	-1.04	.703	-.83
		.571	-.71			.600	-1.02	.826	-.49
		.686	-1.05			.700	-.83		
		.801	-.88			.800	-.97		
		.915	-1.07						
		.967	-.96						
		.994	-1.23						
				LOWER	SURFACE				
.075	1.02	.029	.91	.075	.70	.025	.74	.025	.99
.150	.97	.057	1.02	.150	.99	.050	.84	.050	1.03
.200	.95	.086	.99	.200	1.00	.075	.93	.100	1.00
.300	.93	.114	1.00	.300	1.04	.100	.96	.150	1.03
.400	.89	.172	.94	.400	1.01	.150	1.00	.200	1.01
.500	.86	.229	.85	.500	.96	.200	1.00	.250	.99
.600	.82	.286	.82	.600	.94	.250	1.00	.300	.96
.700	.73	.343	.80	.700	.90	.300	.96	.400	.96
.861	.24	.400	.77	.861	.59	.350	.92	.500	.80
		.458	.72			.400	.87	.600	.92
		.571	.73			.500	.55	.703	.92
		.686	.69			.600	-.31	.756	.88
						.700	-.44		

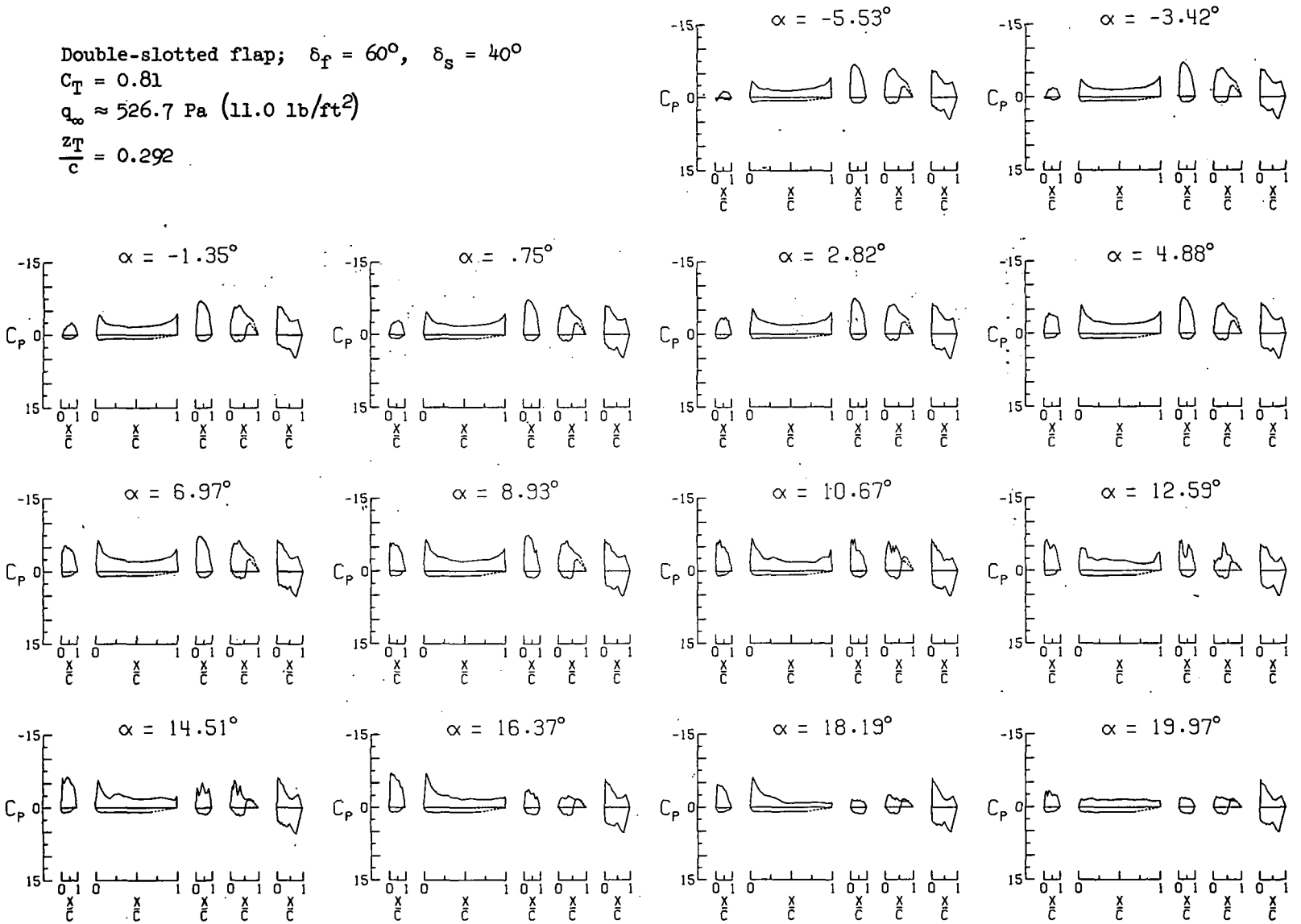
ALPHA = 18.09 DEGREES DYNAMIC PRESSURE = 10.992 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.54	0.000	-.78	.075	-1.22	.025	-.72	.025	-1.18
.150	-4.87	.029	-4.16	.150	-1.81	.050	-.93	.050	-.92
.200	-4.63	.057	-3.60	.200	-1.79	.075	-1.14	.100	-1.19
.300	-4.43	.086	-2.57	.300	-1.71	.100	-1.33	.150	-1.33
.400	-3.63	.114	-2.12	.400	-1.47	.149	-1.41	.200	-1.02
.500	-4.38	.172	-1.56	.500	-1.62	.200	-1.48	.250	-1.13
.600	-3.60	.229	-1.57	.600	-1.13	.250	-1.49	.300	-1.12
.700	-3.20	.286	-1.05	.700	-1.09	.300	-1.22	.400	-1.06
.800	-2.36	.343	-.91	.800	-.97	.350	-1.36	.500	-.95
		.400	-.86			.400	-1.22	.600	-.84
		.458	-.79			.500	-1.13	.703	-.83
		.571	-.71			.600	-1.05	.826	-.43
		.686	-1.01			.700	-.94		
		.801	-.76			.800	-.82		
		.915	-.92						
		.967	-.97						
		.994	-1.16						
				LOWER	SURFACE				
.075	1.03	.029	.93	.075	.75	.025	.75	.025	1.04
.150	1.01	.057	1.01	.150	.98	.050	.86	.050	1.06
.200	1.01	.086	1.04	.200	1.02	.075	.98	.100	1.03
.300	.97	.114	1.00	.300	1.05	.100	.99	.150	1.04
.400	.91	.172	.94	.400	.99	.150	1.04	.200	1.01
.500	.89	.229	.86	.500	.99	.200	1.04	.250	1.02
.600	.82	.286	.88	.600	.95	.250	.98	.300	1.01
.700	.74	.343	.83	.700	.87	.300	.98	.400	.95
.861	.29	.400	.78	.861	.59	.350	.92	.500	.81
		.458	.84			.400	.85	.600	.92
		.571	.72			.500	.60	.703	.90
		.686	.68			.600	-.30	.756	.90
						.700	-.45		

ALPHA = 19.91 DEGREES DYNAMIC PRESSURE = 10.926 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.72	0.000	-1.25	.075	-1.06	.025	-.79	.025	-1.14
.150	-4.40	.029	-5.20	.150	-1.36	.050	-.90	.050	-.80
.200	-4.58	.057	-3.87	.200	-1.31	.075	-1.17	.100	-1.16
.300	-4.63	.086	-2.14	.300	-1.49	.100	-1.36	.150	-1.19
.400	-5.14	.114	-1.85	.400	-1.47	.149	-1.33	.200	-1.28
.500	-4.87	.172	-1.32	.500	-1.55	.200	-1.38	.250	-1.15
.600	-4.68	.229	-1.15	.600	-1.49	.250	-1.34	.300	-1.05
.700	-3.84	.286	-1.33	.700	-1.19	.300	-1.45	.400	-1.02
.800	-2.88	.343	-1.45	.800	-.87	.350	-1.30	.500	-.89
		.400	-1.12			.400	-1.21	.600	-.85
		.458	-1.18			.500	-1.06	.703	-.63
		.571	-1.13			.600	-.88	.826	-.32
		.686	-1.01			.700	-.86		
		.801	-.98			.800	-.68		
		.915	-.80						
		.967	-.70						
		.994	-.91						
				LOWER	SURFACE				
.075	.91	.029	.95	.075	.69	.025	.73	.025	.98
.150	.99	.057	1.02	.150	1.00	.050	.91	.050	1.03
.200	1.00	.086	.99	.200	1.05	.075	.93	.100	1.05
.300	.94	.114	.97	.300	1.02	.100	.99	.150	1.00
.400	.89	.172	.95	.400	1.00	.150	1.01	.200	1.01
.500	.86	.229	.92	.500	.97	.200	1.05	.250	.98
.600	.85	.286	.92	.600	.98	.250	.98	.300	1.01
.700	.67	.343	.80	.700	.87	.300	.96	.400	.96
.861	.03	.400	.82	.861	.59	.350	.96	.500	.81
		.458	.80			.400	.90	.600	.95
		.571	.80			.500	.64	.703	.94
		.686	.76			.600	-.14	.756	.91
						.700	-.32		

Double-slotted flap; $\delta_f = 60°$, $\delta_s = 40°$
$C_T = 0.81$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft^2)
$\frac{z_T}{c} = 0.292$



ALPHA = -5.54 DEGREES DYNAMIC PRESSURE = 10.987 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.66	0.000	-.69	.075	-5.71	.025	-2.72	.025	-5.76
.150	.18	.029	-3.42	.150	-6.42	.050	-3.43	.050	-5.12
.200	-.06	.057	-2.84	.200	-6.71	.075	-4.26	.100	-5.45
.300	-.62	.086	-2.31	.300	-6.95	.100	-4.86	.150	-5.40
.400	-1.06	.114	-1.93	.400	-6.53	.149	-5.37	.200	-5.39
.500	-1.35	.172	-1.70	.500	-6.34	.200	-5.46	.250	-4.85
.600	-1.29	.229	-1.75	.600	-5.85	.250	-5.71	.300	-4.36
.700	-1.18	.286	-1.52	.700	-4.94	.300	-6.06	.400	-3.78
.800	-1.20	.343	-1.58	.800	-4.14	.350	-5.89	.500	-2.96
		.400	-1.38			.400	-5.50	.600	-2.79
		.458	-1.37			.500	-4.55	.703	-2.86
		.571	-1.48			.600	-3.87	.826	-3.19
		.686	-1.73			.700	-3.46		
		.801	-1.94			.800	-2.95		
		.915	-2.61						
		.967	-3.36						
		.994	-4.28						
				LOWER	SURFACE				
.075	.22	.029	1.03	.075	.21	.025	.07	.025	1.71
.150	.07	.057	.99	.150	.87	.050	.54	.050	1.89
.200	.03	.086	.83	.200	1.01	.075	.84	.100	1.75
.300	.06	.114	.77	.300	1.13	.100	.85	.150	2.09
.400	-.22	.172	.73	.400	1.11	.150	1.16	.200	2.15
.500	.05	.229	.68	.500	1.12	.200	1.27	.250	2.51
.600	.34	.286	.65	.600	1.11	.250	1.30	.300	2.55
.700	.24	.343	.68	.700	1.10	.300	.98	.400	2.87
.861	.42	.400	.66	.861	.63	.350	1.30	.500	2.37
		.458	.68			.400	1.21	.600	3.49
		.571	.63			.500	.72	.703	4.57
		.686	.65			.600	-1.90	.756	4.35
						.700	-2.27		

ALPHA = -3.42 DEGREES DYNAMIC PRESSURE = 10.967 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.18	0.000	-.42	.075	-5.83	.025	-2.83	.025	-5.64
.150	-.40	.029	-3.71	.150	-6.58	.050	-3.53	.050	-5.78
.200	-.93	.057	-2.99	.200	-6.88	.075	-4.42	.100	-5.51
.300	-1.64	.086	-2.53	.300	-7.15	.100	-4.99	.150	-5.60
.400	-1.35	.114	-2.16	.400	-6.65	.149	-5.61	.200	-5.50
.500	-1.92	.172	-1.85	.500	-6.49	.200	-5.52	.250	-4.85
.600	-1.85	.229	-1.80	.600	-5.90	.250	-5.78	.300	-4.42
.700	-1.70	.286	-1.69	.700	-5.05	.300	-6.02	.400	-3.86
.800	-1.62	.343	-1.58	.800	-4.21	.350	-5.84	.500	-3.03
		.400	-1.50			.400	-5.49	.600	-2.81
		.458	-1.49			.500	-4.61	.703	-2.89
		.571	-1.60			.600	-3.94	.826	-3.22
		.686	-1.79			.700	-3.51		
		.801	-1.96			.800	-2.95		
		.915	-2.73						
		.967	-3.47						
		.994	-4.37						
				LOWER	SURFACE				
.075	.31	.029	1.02	.075	.23	.025	.18	.025	1.74
.150	.27	.057	.97	.150	.94	.050	.56	.050	1.92
.200	.23	.086	.89	.200	1.07	.075	.81	.100	1.80
.300	.30	.114	.88	.300	1.11	.100	.87	.150	2.19
.400	.21	.172	.79	.400	1.14	.150	1.16	.200	2.33
.500	.59	.229	.75	.500	1.13	.200	1.20	.250	2.67
.600	.65	.286	.78	.600	1.12	.250	1.29	.300	2.77
.700	.54	.343	.71	.700	1.01	.300	.98	.400	2.93
.861	.41	.400	.71	.861	.65	.350	1.28	.500	2.48
		.458	.70			.400	1.24	.600	3.54
		.571	.75			.500	.73	.703	4.56
		.686	.74			.600	-2.01	.756	4.50
						.700	-2.35		

ALPHA = -1.36 DEGREES DYNAMIC PRESSURE = 10.942 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.33	0.000	-.51	.075	-5.88	.025	-2.83	.025	-6.01
.150	-1.30	.029	-4.28	.150	-6.60	.050	-3.50	.050	-5.50
.200	-1.05	.057	-3.71	.200	-6.95	.075	-4.48	.100	-5.74
.300	-1.84	.086	-2.95	.300	-7.21	.100	-5.01	.150	-5.72
.400	-1.98	.114	-2.40	.400	-6.76	.149	-5.84	.200	-5.49
.500	-2.05	.172	-2.09	.500	-6.56	.200	-5.53	.250	-5.01
.600	-2.51	.229	-1.94	.600	-5.99	.250	-5.82	.300	-4.36
.700	-2.16	.286	-1.90	.700	-5.16	.300	-6.14	.400	-3.81
.800	-1.88	.343	-1.76	.800	-4.38	.350	-6.01	.500	-2.96
		.400	-1.63			.400	-5.49	.600	-2.80
		.458	-1.65			.500	-4.55	.703	-2.93
		.571	-1.76			.600	-3.88	.826	-3.25
		.686	-1.87			.700	-3.51		
		.801	-2.13			.800	-2.99		
		.915	-2.80						
		.967	-3.55						
		.994	-4.44						
				LOWER	SURFACE				
.075	.57	.029	1.00	.075	.15	.025	.06	.025	1.78
.150	.45	.057	.95	.150	.89	.050	.50	.050	1.99
.200	.66	.086	.94	.200	1.03	.075	.78	.100	1.96
.300	.67	.114	.83	.300	1.10	.100	.86	.150	2.14
.400	.65	.172	.82	.400	1.17	.150	1.18	.200	2.46
.500	.73	.229	.75	.500	1.14	.200	1.31	.250	2.63
.600	.72	.286	.76	.600	1.14	.250	1.30	.300	2.61
.700	.64	.343	.74	.700	1.00	.300	1.00	.400	2.87
.861	.27	.400	.70	.861	.69	.350	1.33	.500	2.71
		.458	.74			.400	1.24	.600	3.56
		.571	.75			.500	.78	.703	4.77
		.686	.72			.600	-1.85	.756	4.66
						.700	-2.42		

ALPHA = .75 DEGREES DYNAMIC PRESSURE = 10.908 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.81	0.000	-.55	.075	-6.00	.025	-2.90	.025	-6.09
.150	-1.91	.029	-4.79	.150	-6.74	.050	-3.53	.050	-5.82
.200	-2.10	.057	-4.09	.200	-7.20	.075	-4.58	.100	-5.90
.300	-2.34	.086	-3.27	.300	-7.37	.100	-5.19	.150	-5.79
.400	-2.60	.114	-2.86	.400	-6.98	.149	-5.81	.200	-5.69
.500	-2.80	.172	-2.28	.500	-6.64	.200	-5.61	.250	-5.10
.600	-3.03	.229	-2.24	.600	-5.99	.250	-5.68	.300	-4.47
.700	-2.70	.286	-2.10	.700	-5.23	.300	-6.09	.400	-3.86
.800	-2.39	.343	-1.90	.800	-4.38	.350	-6.13	.500	-3.07
		.400	-1.78			.400	-5.51	.600	-2.91
		.458	-1.78			.500	-4.60	.703	-2.99
		.571	-1.86			.600	-4.01	.826	-3.26
		.686	-1.98			.700	-3.60		
		.801	-2.20			.800	-3.07		
		.915	-2.85						
		.967	-3.68						
		.994	-4.54						
				LOWER	SURFACE				
.075	.50	.029	1.06	.075	.18	.025	.06	.025	1.78
.150	.70	.057	.98	.150	.92	.050	.44	.050	2.00
.200	.75	.086	.96	.200	1.03	.075	.72	.100	2.06
.300	.80	.114	.94	.300	1.10	.100	.70	.150	2.52
.400	.74	.172	.86	.400	1.07	.150	1.11	.200	2.89
.500	.76	.229	.79	.500	1.13	.200	1.27	.250	2.82
.600	.76	.286	.79	.600	1.18	.250	1.24	.300	3.02
.700	.65	.343	.79	.700	1.02	.300	1.03	.400	3.24
.861	.22	.400	.79	.861	.59	.350	1.32	.500	2.49
		.458	.77			.400	1.24	.600	3.86
		.571	.75			.500	.86	.703	4.67
		.686	.77			.600	-2.23	.756	4.78
						.700	-2.45		

ALPHA = 2.82 DEGREES DYNAMIC PRESSURE = 10.851 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.55	0.000	-.64	.075	-6.11	.025	-2.89	.025	-6.48
.150	-2.38	.029	-5.37	.150	-6.79	.050	-3.64	.050	-5.85
.200	-2.73	.057	-4.19	.200	-7.23	.075	-4.65	.100	-5.91
.300	-3.30	.086	-3.30	.300	-7.50	.100	-5.15	.150	-5.83
.400	-3.47	.114	-2.95	.400	-6.94	.149	-5.76	.200	-5.68
.500	-3.03	.172	-2.58	.500	-6.84	.200	-5.77	.250	-5.09
.600	-3.66	.229	-2.30	.600	-6.16	.250	-5.96	.300	-4.51
.700	-3.01	.286	-2.26	.700	-5.26	.300	-6.19	.400	-3.87
.800	-2.90	.343	-1.97	.800	-4.39	.350	-5.93	.500	-3.07
		.400	-1.91			.400	-5.55	.600	-2.87
		.458	-1.87			.500	-4.58	.703	-2.91
		.571	-1.98			.600	-3.97	.826	-3.32
		.686	-2.06			.700	-3.59		
		.801	-2.29			.800	-3.08		
		.915	-2.99						
		.967	-3.72						
		.994	-4.60						
				LOWER	SURFACE				
.075	.78	.029	.97	.075	.15	.025	-.11	.025	1.76
.150	.87	.057	1.00	.150	.86	.050	.49	.050	2.43
.200	.77	.086	.98	.200	1.06	.075	.65	.100	2.10
.300	.81	.114	.93	.300	1.13	.100	.74	.150	2.88
.400	.81	.172	.87	.400	1.17	.150	1.12	.200	3.07
.500	.81	.229	.84	.500	1.17	.200	1.30	.250	3.04
.600	.78	.286	.81	.600	1.17	.250	1.25	.300	3.00
.700	.69	.343	.83	.700	1.05	.300	1.02	.400	3.33
.861	.19	.400	.79	.861	.69	.350	1.33	.500	2.81
		.458	.78			.400	1.40	.600	3.92
		.571	.80			.500	.91	.703	5.08
		.686	.79			.600	-2.16	.756	4.92
						.700	-2.56		

ALPHA = 4.88 DEGREES DYNAMIC PRESSURE = 10.854 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.10	0.000	-1.03	.075	-6.32	.025	-2.92	.025	-6.47
.150	-3.66	.029	-6.11	.150	-6.86	.050	-3.69	.050	-5.87
.200	-3.60	.057	-4.77	.200	-7.34	.075	-4.67	.100	-6.05
.300	-4.36	.086	-3.82	.300	-7.52	.100	-5.24	.150	-5.73
.400	-3.95	.114	-3.43	.400	-7.05	.149	-5.68	.200	-5.59
.500	-3.82	.172	-2.65	.500	-6.82	.200	-5.81	.250	-5.22
.600	-3.78	.229	-2.57	.600	-6.15	.250	-5.85	.300	-4.60
.700	-3.57	.286	-2.42	.700	-5.31	.300	-6.35	.400	-3.84
.800	-3.47	.343	-2.21	.800	-4.41	.350	-6.22	.500	-3.09
		.400	-2.01			.400	-5.71	.600	-2.86
		.458	-2.01			.500	-4.56	.703	-2.94
		.571	-1.98			.600	-4.03	.826	-3.29
		.686	-2.14			.700	-3.60		
		.801	-2.37			.800	-3.06		
		.915	-3.02						
		.967	-3.81						
		.994	-4.62						
				LOWER	SURFACE				
.075	1.01	.029	.96	.075	.15	.025	-.31	.025	1.99
.150	.97	.057	1.02	.150	.84	.050	.18	.050	2.71
.200	.85	.086	1.03	.200	1.01	.075	.56	.100	2.72
.300	.88	.114	.96	.300	1.14	.100	.63	.150	3.11
.400	.83	.172	.91	.400	1.13	.150	1.10	.200	3.08
.500	.83	.229	.92	.500	1.17	.200	1.20	.250	3.07
.600	.76	.286	.91	.600	1.16	.250	1.30	.300	3.08
.700	.66	.343	.86	.700	1.13	.300	1.01	.400	3.72
.861	.09	.400	.85	.861	.64	.350	1.37	.500	2.96
		.458	.85			.400	1.39	.600	4.00
		.571	.81			.500	1.03	.703	5.11
		.686	.82			.600	-2.39	.756	5.04
						.700	-2.64		

ALPHA = 6.98 DEGREES DYNAMIC PRESSURE = 10.933 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.41	0.000	-1.14	.075	-6.13	.025	-2.92	.025	-6.64
.150	-4.30	.029	-6.53	.150	-6.96	.050	-3.65	.050	-6.02
.200	-5.28	.057	-5.47	.200	-7.30	.075	-4.79	.100	-6.05
.300	-5.52	.086	-3.97	.300	-7.43	.100	-5.23	.150	-5.70
.400	-4.68	.114	-3.59	.400	-7.08	.149	-5.91	.200	-5.69
.500	-4.98	.172	-2.89	.500	-6.68	.200	-5.77	.250	-5.16
.600	-4.43	.229	-2.65	.600	-6.15	.250	-5.68	.300	-4.39
.700	-4.28	.286	-2.53	.700	-5.31	.300	-6.51	.400	-3.82
.800	-3.67	.343	-2.35	.800	-4.42	.350	-6.18	.500	-2.95
		.400	-2.07			.400	-5.43	.600	-2.64
		.458	-2.12			.500	-4.63	.703	-2.87
		.571	-2.08			.600	-3.92	.826	-3.18
		.686	-2.22			.700	-3.43		
		.801	-2.43			.800	-3.05		
		.915	-3.05						
		.967	-3.86						
		.994	-4.74						
				LOWER	SURFACE				
.075	1.06	.029	.88	.075	.16	.025	-.44	.025	2.25
.150	.97	.057	1.03	.150	.79	.050	.07	.050	2.96
.200	1.00	.086	.99	.200	1.01	.075	.69	.100	2.93
.300	.91	.114	.99	.300	1.14	.100	.59	.150	2.81
.400	.89	.172	.96	.400	1.11	.150	1.00	.200	3.11
.500	.84	.229	.94	.500	1.15	.200	1.17	.250	3.27
.600	.79	.286	.92	.600	1.18	.250	1.24	.300	3.18
.700	.66	.343	.86	.700	1.12	.300	1.02	.400	3.71
.861	.02	.400	.87	.861	.69	.350	1.50	.500	2.95
		.458	.85			.400	1.33	.600	4.25
		.571	.88			.500	1.23	.703	4.97
		.686	.84			.600	-2.14	.756	5.19
						.700	-2.55		

ALPHA = 8.93 DEGREES DYNAMIC PRESSURE = 10.914 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.97	0.000	-1.44	.075	-5.99	.025	-2.81	.025	-6.64
.150	-5.08	.029	-6.64	.150	-7.15	.050	-3.68	.050	-5.98
.200	-5.73	.057	-5.76	.200	-7.40	.075	-3.86	.100	-5.97
.300	-5.80	.086	-4.36	.300	-7.64	.100	-5.17	.150	-5.71
.400	-5.27	.114	-3.83	.400	-7.08	.149	-5.73	.200	-5.56
.500	-5.46	.172	-3.08	.500	-6.72	.200	-5.72	.250	-5.22
.600	-5.18	.229	-2.95	.600	-5.88	.250	-5.78	.300	-4.19
.700	-4.36	.286	-2.64	.700	-3.88	.300	-6.21	.400	-3.87
.400	-3.83	.343	-2.36	.800	-4.49	.350	-6.33	.500	-3.00
		.400	-2.22			.400	-5.11	.600	-2.75
		.458	-1.92			.500	-4.70	.703	-2.90
		.571	-2.14			.600	-3.93	.826	-3.15
		.686	-2.35			.700	-3.49		
		.801	-2.44			.800	-2.97		
		.915	-3.16						
		.967	-3.89						
		.994	-4.84						
				LOWER	SURFACE				
.075	.99	.029	.79	.075	.07	.025	-.37	.025	2.63
.150	.99	.057	1.01	.150	.85	.050	.10	.050	2.86
.200	.97	.086	1.00	.200	1.00	.075	.55	.100	3.05
.300	.96	.114	1.00	.300	1.14	.100	.63	.150	3.10
.400	.90	.172	.97	.400	1.17	.150	1.02	.200	3.26
.500	.82	.229	.94	.500	1.16	.200	1.27	.250	3.27
.600	.77	.286	.96	.600	1.34	.250	1.34	.300	3.75
.700	.63	.343	.90	.700	1.18	.300	1.09	.400	3.80
.861	-.07	.400	.89	.861	.90	.350	1.50	.500	3.07
		.458	.90			.400	1.59	.600	4.24
		.571	.85			.500	1.16	.703	5.22
		.686	.83			.600	-2.16	.756	5.09
						.700	-2.50		

ALPHA = 10.67 DEGREES DYNAMIC PRESSURE = 10.895 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.64	0.000	-1.55	.075	-6.10	.025	-1.71	.025	-6.64
.150	-5.93	.029	-6.75	.150	-6.66	.050	-3.34	.050	-6.00
.200	-5.71	.057	-5.28	.200	-5.32	.075	-4.51	.100	-5.90
.300	-6.56	.086	-4.45	.300	-6.71	.100	-5.14	.150	-5.02
.400	-4.90	.114	-4.03	.400	-4.14	.149	-6.06	.200	-5.18
.500	-5.09	.172	-2.40	.500	-4.17	.200	-5.35	.250	-4.18
.600	-4.92	.229	-2.28	.600	-4.11	.250	-3.55	.300	-4.29
.700	-4.03	.286	-2.81	.700	-3.48	.300	-5.18	.400	-3.44
.800	-3.86	.343	-2.40	.800	-3.22	.350	-3.75	.500	-1.98
		.400	-2.09			.400	-5.23	.600	-2.39
		.458	-1.85			.500	-4.13	.703	-2.19
		.571	-1.87			.600	-2.09	.826	-2.67
		.686	-1.82			.700	-2.95		
		.801	-1.77			.800	-2.60		
		.915	-2.93						
		.967	-2.85						
		.994	-4.56						
				LOWER	SURFACE				
.075	.97	.029	.81	.075	.10	.025	-.32	.025	2.53
.150	1.00	.057	.99	.150	.84	.050	.28	.050	3.00
.200	.99	.086	1.05	.200	1.02	.075	.37	.100	2.88
.300	.96	.114	1.01	.300	1.19	.100	.59	.150	3.45
.400	.87	.172	.97	.400	1.15	.150	1.05	.200	3.34
.500	.86	.229	.90	.500	1.29	.200	1.28	.250	3.59
.600	.80	.286	.94	.600	1.41	.250	1.32	.300	3.54
.700	.58	.343	.92	.700	1.19	.300	1.22	.400	3.76
.861	-.10	.400	.89	.861	.92	.350	1.55	.500	3.17
		.458	.90			.400	1.73	.600	4.13
		.571	.83			.500	1.32	.703	5.30
		.686	.84			.600	-1.78	.756	5.13
						.700	-1.99		

ALPHA = 12.60 DEGREES DYNAMIC PRESSURE = 10.993 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.86	0.000	-1.36	.075	-6.22	.025	-2.34	.025	-5.67
.150	-6.27	.029	-4.64	.150	-5.65	.050	-1.33	.050	-5.24
.200	-6.55	.057	-4.66	.200	-6.36	.075	-2.01	.100	-5.12
.300	-5.48	.086	-4.49	.300	-3.31	.100	-1.99	.150	-4.81
.400	-4.53	.114	-2.63	.400	-2.59	.149	-2.27	.200	-4.65
.500	-4.77	.172	-2.64	.500	-2.97	.200	-2.61	.250	-4.92
.600	-5.41	.229	-2.17	.600	-5.45	.250	-2.26	.300	-4.41
.700	-4.98	.286	-2.53	.700	-4.49	.300	-2.80	.400	-2.98
.800	-4.11	.343	-2.50	.800	-4.22	.350	-5.88	.500	-2.45
		.400	-2.25			.400	-5.48	.600	-1.81
		.458	-2.22			.500	-3.17	.703	-1.92
		.571	-2.15			.600	-3.12	.826	-2.65
		.686	-1.52			.700	-1.59		
		.801	-1.36			.800	-1.46		
		.915	-1.67						
		.967	-3.46						
		.994	-3.95						
				LOWER	SURFACE				
.075	.91	.029	.85	.075	.23	.025	.04	.025	2.58
.150	.99	.057	.99	.150	.90	.050	.17	.050	2.74
.200	.98	.086	.96	.200	1.03	.075	.43	.100	3.15
.300	.92	.114	1.00	.300	1.15	.100	.63	.150	3.30
.400	.89	.172	1.01	.400	1.14	.150	1.02	.200	3.35
.500	.83	.229	.95	.500	1.33	.200	1.26	.250	3.75
.600	.80	.286	.93	.600	1.41	.250	1.29	.300	3.61
.700	.61	.343	.92	.700	1.19	.300	1.12	.400	3.47
.861	-.13	.400	.88	.861	.84	.350	1.57	.500	2.98
		.458	.90			.400	1.60	.600	4.12
		.571	.87			.500	1.32	.703	5.13
		.686	.88			.600	-1.74	.756	5.16
						.700	-1.79		

ALPHA = 14.51 DEGREES DYNAMIC PRESSURE = 10.874 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.20	0.000	-1.16	.075	-4.27	.025	-2.04	.025	-6.21
.150	-5.18	.029	-5.70	.150	-3.51	.050	-3.63	.050	-6.02
.200	-5.05	.057	-4.26	.200	-2.57	.075	-4.40	.100	-5.87
.300	-5.98	.086	-3.38	.300	-3.54	.100	-3.67	.150	-5.03
.400	-6.39	.114	-2.59	.400	-5.21	.149	-5.67	.200	-4.82
.500	-5.97	.172	-1.86	.500	-4.21	.200	-5.22	.250	-4.48
.600	-5.10	.229	-2.74	.600	-3.05	.250	-2.57	.300	-3.48
.700	-4.66	.286	-2.88	.700	-2.98	.300	-3.48	.400	-2.60
.800	-4.34	.343	-2.39	.800	-3.96	.350	-4.62	.500	-1.98
		.400	-2.33			.400	-2.81	.600	-1.78
		.458	-1.95			.500	-1.89	.703	-2.27
		.571	-1.82			.600	-1.66	.826	-2.83
		.686	-1.96			.700	-1.55		
		.801	-2.20			.800	-1.49		
		.915	-1.84						
		.967	-1.54						
		.994	-2.45						
				LOWER	SURFACE				
.075	.87	.029	.75	.075	.25	.025	-.05	.025	2.62
.150	1.01	.057	.90	.150	.86	.050	.39	.050	2.87
.200	.99	.086	.96	.200	1.05	.075	.62	.100	2.91
.300	.99	.114	.94	.300	1.21	.100	.73	.150	3.41
.400	.88	.172	.99	.400	1.14	.150	1.07	.200	3.08
.500	.87	.229	.98	.500	1.29	.200	1.24	.250	3.71
.600	.74	.286	.99	.600	1.33	.250	1.57	.300	3.58
.700	.62	.343	.93	.700	1.45	.300	1.27	.400	4.05
.861	-.15	.400	.95	.861	1.06	.350	1.67	.500	3.22
		.458	.90			.400	1.59	.600	4.29
		.571	.96			.500	1.50	.703	5.23
		.686	.89			.600	-1.81	.756	5.37
						.700	-1.93		

ALPHA = 16.38 DEGREES DYNAMIC PRESSURE = 10.979 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.74	0.000	-1.62	.075	-3.10	.025	-1.15	.025	-5.84
.150	-7.07	.029	-7.07	.150	-3.45	.050	-1.54	.050	-5.16
.200	-6.56	.057	-5.67	.200	-3.34	.075	-1.78	.100	-5.05
.300	-6.62	.086	-4.33	.300	-3.84	.100	-2.04	.150	-4.64
.400	-5.88	.114	-3.70	.400	-2.96	.149	-2.08	.200	-4.45
.500	-5.61	.172	-2.77	.500	-2.79	.200	-2.00	.250	-4.06
.600	-5.54	.229	-2.51	.600	-3.04	.250	-1.80	.300	-3.37
.700	-4.25	.286	-2.52	.700	-1.76	.300	-2.04	.400	-2.72
.800	-4.11	.343	-2.11	.800	-2.34	.350	-2.47	.500	-1.83
		.400	-2.07			.400	-2.27	.600	-1.93
		.458	-1.66			.500	-2.00	.703	-1.97
		.571	-1.90			.600	-1.63	.826	-2.57
		.686	-1.64			.700	-1.73		
		.801	-1.63			.800	-1.50		
		.915	-1.94						
		.967	-1.94						
		.994	-2.39						
				LOWER	SURFACE				
.075	.78	.029	.74	.075	.25	.025	-.24	.025	2.68
.150	.98	.057	.97	.150	.88	.050	.17	.050	3.12
.200	1.03	.086	.89	.200	1.08	.075	.57	.100	3.36
.300	.96	.114	.99	.300	1.19	.100	.55	.150	3.44
.400	.91	.172	1.03	.400	1.24	.150	1.06	.200	3.58
.500	.86	.229	.97	.500	1.36	.200	1.34	.250	3.75
.600	.80	.286	.94	.600	1.41	.250	1.45	.300	3.67
.700	.61	.343	.97	.700	1.46	.300	1.23	.400	3.89
.861	-.12	.400	.95	.861	1.27	.350	1.67	.500	3.15
		.458	.93			.400	1.60	.600	4.24
		.571	.93			.500	1.47	.703	5.14
		.686	.91			.600	-1.69	.756	5.30
						.700	-1.75		

ALPHA = 18.20 DEGREES DYNAMIC PRESSURE = 10.958 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.61	0.000	-1.48	.075	-1.67	.025	-1.25	.025	-5.93
.150	-4.66	.029	-6.07	.150	-1.45	.050	-1.55	.050	-5.18
.200	-4.46	.057	-4.97	.200	-1.36	.075	-2.23	.100	-5.12
.300	-4.35	.086	-4.00	.300	-1.37	.100	-2.40	.150	-4.59
.400	-4.29	.114	-3.26	.400	-1.46	.149	-2.51	.200	-4.20
.500	-3.75	.172	-2.41	.500	-1.36	.200	-2.35	.250	-3.63
.600	-3.33	.229	-2.21	.600	-1.46	.250	-1.76	.300	-3.25
.700	-2.53	.286	-2.01	.700	-1.13	.300	-1.82	.400	-2.23
.800	-1.30	.343	-1.62	.800	-1.15	.350	-1.49	.500	-1.56
		.400	-1.00			.400	-1.92	.600	-1.48
		.458	-.82			.500	-1.28	.703	-1.65
		.571	-.92			.600	-1.18	.826	-2.27
		.686	-.89			.700	-1.17		
		.801	-1.01			.800	-1.35		
		.915	-.86						
		.967	-.86						
		.994	-1.03						
				LOWER	SURFACE				
.075	.58	.029	.86	.075	.31	.025	-.08	.025	2.83
.150	.99	.057	.97	.150	.87	.050	.20	.050	3.15
.200	.99	.086	.99	.200	1.03	.075	.63	.100	3.24
.300	.98	.114	1.00	.300	1.18	.100	.57	.150	3.38
.400	.91	.172	1.00	.400	1.25	.150	1.12	.200	3.72
.500	.90	.229	.98	.500	1.31	.200	1.29	.250	3.59
.600	.82	.286	.97	.600	1.38	.250	1.38	.300	3.50
.700	.65	.343	.97	.700	1.40	.300	1.08	.400	3.92
.861	.40	.400	.93	.861	1.29	.350	1.41	.500	2.98
		.458	.95			.400	1.48	.600	4.11
		.571	.92			.500	1.16	.703	5.02
		.686	.94			.600	-1.59	.756	5.10
						.700	-1.66		

ALPHA = 19.98 DEGREES DYNAMIC PRESSURE = 10.930 LBF/SQ.FT.

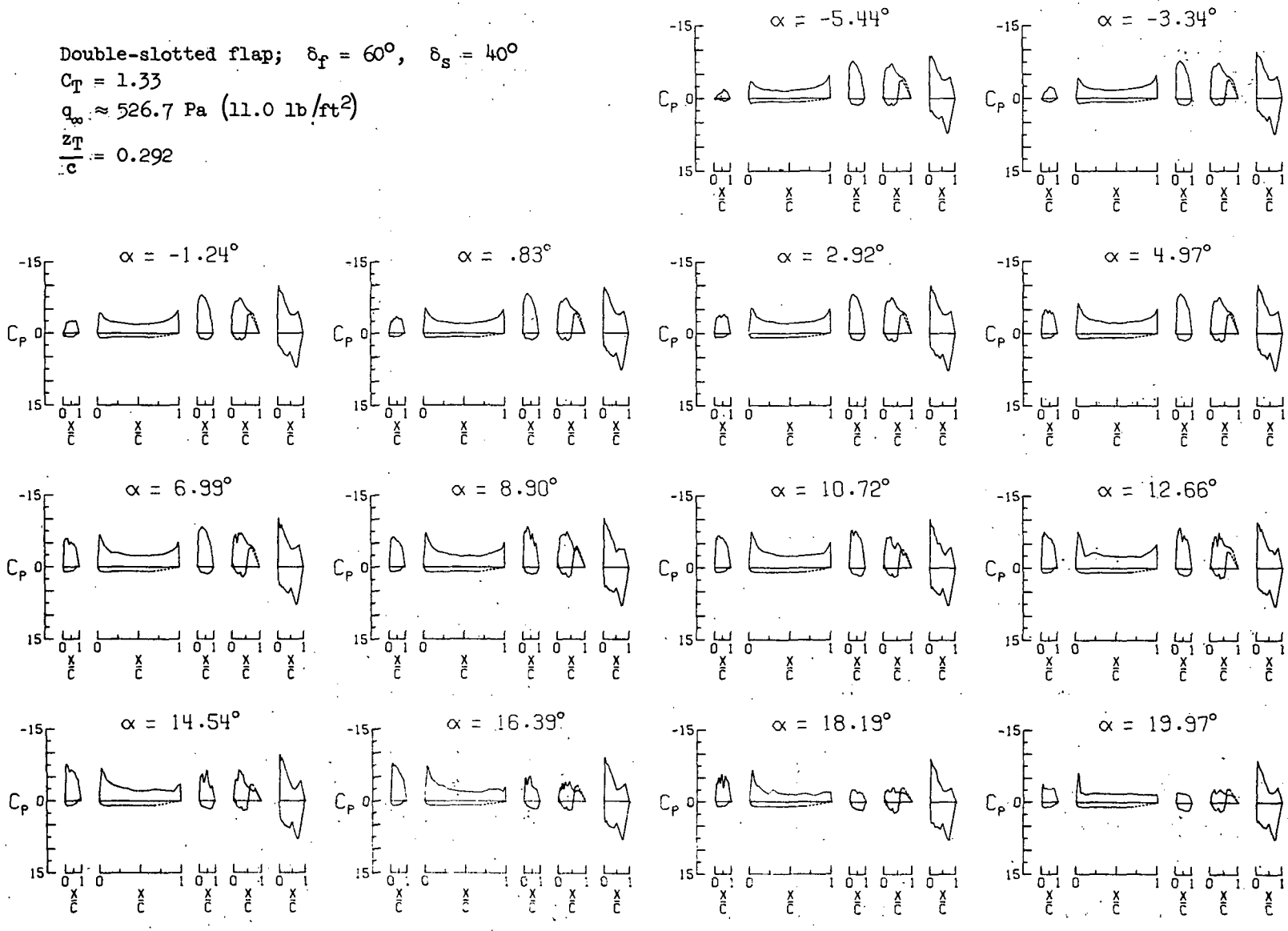
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.90	0.000	-.30	.075	-1.85	.025	-1.20	.025	-5.73
.150	-3.26	.029	-1.67	.150	-1.82	.050	-1.51	.050	-4.91
.200	-2.08	.057	-1.39	.200	-1.94	.075	-1.70	.100	-4.79
.300	-3.36	.086	-1.49	.300	-1.62	.100	-2.18	.150	-4.63
.400	-2.99	.114	-1.67	.400	-1.86	.149	-2.00	.200	-4.31
.500	-2.30	.172	-1.75	.500	-1.59	.200	-1.80	.250	-3.71
.600	-2.57	.229	-1.46	.600	-1.67	.250	-1.94	.300	-3.06
.700	-2.42	.286	-1.62	.700	-1.53	.300	-2.00	.400	-2.42
.800	-2.37	.343	-1.53	.800	-1.30	.350	-1.81	.500	-1.61
		.400	-1.46			.400	-1.77	.600	-1.43
		.458	-1.57			.500	-1.51	.703	-1.81
		.571	-1.64			.600	-1.38	.826	-2.20
		.686	-1.45			.700	-1.23		
		.801	-1.57			.800	-1.25		
		.915	-1.20						
		.967	-1.30						
		.994	-1.33						
				LOWER	SURFACE				
.075	.76	.029	.86	.075	.40	.025	.11	.025	2.65
.150	1.01	.057	.94	.150	.90	.050	.34	.050	2.76
.200	1.00	.086	1.02	.200	1.05	.075	.59	.100	2.95
.300	1.00	.114	.95	.300	1.19	.100	.74	.150	3.23
.400	.99	.172	1.04	.400	1.25	.150	1.10	.200	3.23
.500	.95	.229	1.00	.500	1.30	.200	1.27	.250	3.57
.600	.91	.286	.97	.600	1.36	.250	1.33	.300	3.38
.700	.82	.343	.94	.700	1.40	.300	1.14	.400	3.65
.861	.44	.400	.93	.861	1.23	.350	1.43	.500	3.04
		.458	.96			.400	1.53	.600	4.00
		.571	.94			.500	1.11	.703	5.11
		.686	.97			.600	-1.54	.756	5.00
						.700	-1.77		

Double-slotted flap; $\delta_f = 60°$, $\delta_s = 40°$

$C_T = 1.33$

$q_\infty \approx 526.7$ Pa (11.0 lb/ft^2)

$\frac{z_T}{c} = 0.292$



ALPHA = -5.44 DEGREES DYNAMIC PRESSURE = 11.044 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	.38	0.000	-1.59	.075	-6.23	.025	-3.17	.025	-8.86
.150	-.21	.029	-3.62	.150	-7.00	.050	-4.08	.050	-8.52
.200	-.68	.057	-3.16	.200	-7.34	.075	-5.13	.100	-8.75
.300	-.86	.086	-2.54	.300	-7.84	.100	-5.74	.150	-8.32
.400	-1.12	.114	-2.29	.400	-7.34	.149	-6.37	.200	-7.93
.500	-1.26	.172	-1.86	.500	-7.07	.200	-6.36	.250	-7.21
.600	-1.97	.229	-1.89	.600	-6.49	.250	-6.64	.300	-6.23
.700	-1.46	.286	-1.65	.700	-5.67	.300	-7.16	.400	-5.17
.800	-1.43	.343	-1.75	.800	-4.79	.350	-7.15	.500	-3.91
		.400	-1.54			.400	-6.51	.600	-3.76
		.458	-1.53			.500	-5.42	.703	-3.90
		.571	-1.75			.600	-4.67	.826	-4.46
		.686	-1.85			.700	-4.40		
		.801	-2.15			.800	-3.76		
		.915	-2.97						
		.967	-3.74						
		.994	-4.76						
				LOWER SURFACE					
.075	-.16	.029	1.01	.075	-.04	.025	-.32	.025	2.19
.150	.11	.057	.97	.150	.87	.050	.24	.050	2.74
.200	.21	.086	.86	.200	1.07	.075	.75	.100	2.43
.300	.09	.114	.80	.300	1.19	.100	.75	.150	2.94
.400	.43	.172	.72	.400	1.24	.150	1.24	.200	3.49
.500	.20	.229	.68	.500	1.29	.200	1.39	.250	3.57
.600	.62	.286	.59	.600	1.39	.250	1.43	.300	3.92
.700	.53	.343	.65	.700	1.19	.300	.91	.400	4.15
.861	.29	.400	.66	.861	.95	.350	1.44	.500	3.72
		.458	.76			.400	1.39	.600	5.34
		.571	.66			.500	.78	.703	7.26
		.686	.73			.600	-3.59	.756	7.07
						.700	-3.79		

ALPHA = -3.35 DEGREES DYNAMIC PRESSURE = 10.976 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-.18	0.000	-.45	.075	-6.43	.025	-3.18	.025	-9.56
.150	-.82	.029	-4.24	.150	-7.17	.050	-4.09	.050	-8.78
.200	-1.35	.057	-3.65	.200	-7.34	.075	-5.20	.100	-8.68
.300	-1.47	.086	-2.72	.300	-7.82	.100	-5.91	.150	-8.47
.400	-1.95	.114	-2.51	.400	-7.45	.149	-6.56	.200	-8.07
.500	-2.47	.172	-2.06	.500	-7.22	.200	-6.66	.250	-7.38
.600	-2.40	.229	-1.88	.600	-6.64	.250	-6.76	.300	-6.34
.700	-2.13	.286	-1.93	.700	-5.70	.300	-7.27	.400	-5.27
.800	-1.92	.343	-1.72	.800	-4.78	.350	-7.28	.500	-3.86
		.400	-1.66			.400	-6.65	.600	-3.75
		.458	-1.69			.500	-5.54	.703	-3.88
		.571	-1.82			.600	-4.63	.826	-4.53
		.686	-2.01			.700	-4.39		
		.801	-2.27			.800	-3.86		
		.915	-3.00						
		.967	-3.74						
		.994	-4.87						
				LOWER SURFACE					
.075	.26	.029	1.04	.075	-.09	.025	-.35	.025	2.23
.150	.37	.057	1.01	.150	.85	.050	.33	.050	2.72
.200	.58	.086	.92	.200	1.08	.075	.67	.100	2.54
.300	.41	.114	.88	.300	1.18	.100	.75	.150	3.09
.400	.67	.172	.77	.400	1.26	.150	1.17	.200	3.36
.500	.68	.229	.76	.500	1.29	.200	1.42	.250	3.78
.600	.64	.286	.76	.600	1.40	.250	1.35	.300	3.79
.700	.61	.343	.70	.700	1.26	.300	.98	.400	4.75
.861	.32	.400	.73	.861	1.02	.350	1.44	.500	3.71
		.458	.75			.400	1.43	.600	5.57
		.571	.73			.500	.95	.703	7.47
		.686	.80			.600	-3.45	.756	7.38
						.700	-3.88		

ALPHA = -1.24 DEGREES DYNAMIC PRESSURE = 10.978 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-.56	0.000	-.67	.075	-6.48	.025	-3.26	.025	-9.95
.150	-1.09	.029	-4.31	.150	-7.21	.050	-4.28	.050	-8.81
.200	-2.19	.057	-4.01	.200	-7.64	.075	-5.31	.100	-8.82
.300	-2.18	.086	-3.15	.300	-7.97	.100	-5.90	.150	-8.47
.400	-2.55	.114	-2.88	.400	-7.59	.149	-6.69	.200	-8.19
.500	-2.35	.172	-2.36	.500	-7.35	.200	-6.64	.250	-7.37
.600	-2.68	.229	-2.25	.600	-6.71	.250	-6.79	.300	-6.36
.700	-2.26	.286	-2.15	.700	-5.82	.300	-7.37	.400	-5.22
.800	-2.55	.343	-2.02	.800	-4.94	.350	-7.17	.500	-3.98
		.400	-1.89			.400	-6.68	.600	-3.75
		.458	-1.80			.500	-5.52	.703	-3.86
		.571	-1.91			.600	-4.78	.826	-4.56
		.686	-2.05			.700	-4.41		
		.801	-2.39			.800	-3.89		
		.915	-3.14						
		.967	-3.96						
		.994	-4.93						
				LOWER SURFACE					
.075	.67	.029	.96	.075	-.04	.025	-.34	.025	2.33
.150	.31	.057	.98	.150	.86	.050	.16	.050	2.75
.200	.63	.086	.93	.200	1.06	.075	.74	.100	2.78
.300	.72	.114	.89	.300	1.20	.100	.68	.150	3.27
.400	.74	.172	.78	.400	1.18	.150	1.18	.200	3.55
.500	.75	.229	.78	.500	1.33	.200	1.32	.250	4.19
.600	.74	.286	.75	.600	1.36	.250	1.38	.300	4.50
.700	.64	.343	.72	.700	1.27	.300	.94	.400	4.79
.861	.18	.400	.72	.861	.90	.350	1.48	.500	3.87
		.458	.72			.400	1.36	.600	5.66
		.571	.76			.500	.85	.703	7.13
		.686	.79			.600	-3.70	.756	7.17
						.700	-4.08		

ALPHA = .83 DEGREES DYNAMIC PRESSURE = 11.002 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-1.51	0.000	-.75	.075	-6.64	.025	-3.19	.025	-9.63
.150	-2.56	.029	-5.29	.150	-7.33	.050	-4.24	.050	-9.06
.200	-2.29	.057	-4.27	.200	-7.90	.075	-5.30	.100	-9.04
.300	-2.94	.086	-3.57	.300	-8.33	.100	-6.01	.150	-8.64
.400	-3.01	.114	-3.06	.400	-7.86	.149	-6.72	.200	-8.12
.500	-3.48	.172	-2.50	.500	-7.59	.200	-6.53	.250	-7.45
.600	-2.90	.229	-2.45	.600	-6.90	.250	-6.91	.300	-6.40
.700	-2.95	.286	-2.35	.700	-5.99	.300	-7.19	.400	-5.20
.800	-2.79	.343	-2.15	.800	-4.96	.350	-7.22	.500	-4.12
		.400	-1.95			.400	-6.71	.600	-3.87
		.458	-2.01			.500	-5.49	.703	-3.98
		.571	-1.98			.600	-4.96	.826	-4.60
		.686	-2.28			.700	-4.59		
		.801	-2.52			.800	-3.89		
		.915	-3.31						
		.967	-4.10						
		.994	-5.03						
				LOWER SURFACE					
.075	.83	.029	.99	.075	-.05	.025	-.53	.025	2.36
.150	.73	.057	.95	.150	.82	.050	.14	.050	2.92
.200	.71	.086	.96	.200	1.08	.075	.60	.100	2.81
.300	.77	.114	.92	.300	1.20	.100	.69	.150	3.63
.400	.76	.172	.81	.400	1.18	.150	1.12	.200	3.74
.500	.76	.229	.82	.500	1.29	.200	1.33	.250	4.31
.600	.74	.286	.79	.600	1.41	.250	1.32	.300	4.47
.700	.62	.343	.80	.700	1.23	.300	.89	.400	4.97
.861	.13	.400	.76	.861	.99	.350	1.49	.500	4.04
		.458	.77			.400	1.61	.600	5.83
		.571	.74			.500	.94	.703	7.72
		.686	.80			.600	-3.80	.756	7.34
						.700	-4.20		

ALPHA = 2.92 DEGREES DYNAMIC PRESSURE = 10.916 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.61	0.000	-.83	.075	-6.74	.025	-3.26	.025	-10.11
.150	-3.35	.029	-5.31	.150	-7.44	.050	-4.36	.050	-9.15
.200	-3.47	.057	-4.90	.200	-8.06	.075	-5.46	.100	-9.09
.300	-3.83	.086	-3.53	.300	-8.23	.100	-6.08	.150	-8.68
.400	-3.29	.114	-3.29	.400	-7.82	.149	-6.79	.200	-8.35
.500	-3.76	.172	-2.74	.500	-7.62	.200	-6.68	.250	-7.51
.600	-4.04	.229	-2.52	.600	-6.97	.250	-6.91	.300	-6.48
.700	-3.54	.286	-2.50	.700	-5.96	.300	-7.59	.400	-5.25
.800	-3.50	.343	-2.22	.800	-5.03	.350	-7.29	.500	-4.08
		.400	-2.10			.400	-6.75	.600	-3.81
		.458	-2.10			.500	-5.51	.703	-4.05
		.571	-2.16			.600	-4.93	.826	-4.68
		.686	-2.30			.700	-4.46		
		.801	-2.50			.800	-3.96		
		.915	-3.28						
		.967	-4.21						
		.994	-5.11						
				LOWER	SURFACE				
.075	.93	.029	.96	.075	.00	.025	-.39	.025	2.35
.150	.73	.057	.98	.150	.85	.050	.06	.050	2.98
.200	.87	.086	.98	.200	1.06	.075	.68	.100	3.30
.300	.83	.114	.95	.300	1.22	.100	.59	.150	3.54
.400	.82	.172	.90	.400	1.24	.150	1.14	.200	4.15
.500	.81	.229	.92	.500	1.36	.200	1.40	.250	4.66
.600	.76	.286	.85	.600	1.34	.250	1.34	.300	4.30
.700	.61	.343	.83	.700	1.37	.300	.99	.400	5.28
.861	.12	.400	.85	.861	.95	.350	1.54	.500	4.26
		.458	.79			.400	1.67	.600	5.90
		.571	.82			.500	1.32	.703	7.71
		.686	.84			.600	-3.82	.756	7.61
						.700	-4.08		

ALPHA = 4.98 DEGREES DYNAMIC PRESSURE = 10.971 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.16	0.000	-1.08	.075	-6.81	.025	-3.30	.025	-10.10
.150	-4.09	.029	-6.37	.150	-7.69	.050	-4.44	.050	-9.16
.200	-5.05	.057	-5.10	.200	-7.80	.075	-5.32	.100	-9.06
.300	-5.03	.086	-4.06	.300	-8.37	.100	-6.10	.150	-8.63
.400	-4.25	.114	-3.61	.400	-7.95	.149	-6.91	.200	-8.34
.500	-4.97	.172	-2.97	.500	-7.66	.200	-6.82	.250	-7.41
.600	-4.21	.229	-2.70	.600	-7.03	.250	-6.94	.300	-6.43
.700	-4.31	.286	-2.65	.700	-6.03	.300	-7.57	.400	-5.32
.800	-3.44	.343	-2.43	.800	-5.17	.350	-7.35	.500	-3.86
		.400	-2.15			.400	-6.69	.600	-3.82
		.458	-2.23			.500	-5.67	.703	-4.02
		.571	-2.21			.600	-4.66	.826	-4.62
		.686	-2.45			.700	-4.51		
		.801	-2.65			.800	-3.85		
		.915	-3.40						
		.967	-4.11						
		.994	-5.27						
				LOWER	SURFACE				
.075	1.02	.029	.89	.075	-.06	.025	-.59	.025	2.85
.150	.96	.057	.99	.150	.86	.050	.10	.050	3.47
.200	.90	.086	1.04	.200	1.08	.075	.45	.100	3.21
.300	.89	.114	1.00	.300	1.20	.100	.52	.150	4.25
.400	.84	.172	.94	.400	1.23	.150	1.05	.200	4.36
.500	.82	.229	.93	.500	1.35	.200	1.37	.250	4.49
.600	.80	.286	.89	.600	1.41	.250	1.40	.300	4.50
.700	.64	.343	.88	.700	1.29	.300	.99	.400	5.28
.861	.07	.400	.83	.861	.93	.350	1.57	.500	3.94
		.458	.84			.400	1.78	.600	5.79
		.571	.77			.500	1.39	.703	7.78
		.686	.88			.600	-3.72	.756	7.63
						.700	-4.16		

ALPHA = 7.00 DEGREES DYNAMIC PRESSURE = 10.968 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.20	0.000	-1.42	.075	-6.93	.025	-3.29	.025	-10.37
.150	-5.83	.029	-6.82	.150	-7.69	.050	-4.34	.050	-9.20
.200	-5.95	.057	-5.64	.200	-7.89	.075	-5.59	.100	-8.06
.300	-6.02	.086	-4.48	.300	-8.42	.100	-6.31	.150	-8.83
.400	-4.70	.114	-3.88	.400	-8.03	.149	-6.86	.200	-7.89
.500	-5.26	.172	-2.97	.500	-7.75	.200	-6.90	.250	-7.33
.600	-4.93	.229	-3.00	.600	-7.25	.250	-7.14	.300	-6.37
.700	-4.64	.286	-2.78	.700	-6.01	.300	-6.76	.400	-5.25
.800	-3.91	.343	-2.52	.800	-5.12	.350	-7.07	.500	-3.79
		.400	-2.37			.400	-6.70	.600	-3.77
		.458	-2.33			.500	-5.62	.703	-4.00
		.571	-2.38			.600	-4.58	.826	-4.62
		.686	-2.48			.700	-4.45		
		.801	-2.71			.800	-3.69		
		.915	-3.45						
		.967	-4.18						
		.994	-5.30						
				LOWER	SURFACE				
.075	1.02	.029	.86	.075	-.07	.025	-.74	.025	3.06
.150	.99	.057	.94	.150	.80	.050	-.18	.050	3.78
.200	.94	.086	.96	.200	1.07	.075	.48	.100	3.79
.300	.93	.114	.97	.300	1.23	.100	.48	.150	4.28
.400	.87	.172	.94	.400	1.23	.150	1.06	.200	4.25
.500	.80	.229	.95	.500	1.35	.200	1.33	.250	4.59
.600	.78	.286	.90	.600	1.45	.250	1.44	.300	4.95
.700	.63	.343	.88	.700	1.43	.300	1.12	.400	5.49
.861	-.02	.400	.85	.861	.98	.350	1.80	.500	4.26
		.458	.88			.400	2.09	.600	5.98
		.571	.87			.500	1.35	.703	7.85
		.686	.84			.600	-3.64	.756	7.56
						.700	-4.17		

ALPHA = 8.90 DEGREES DYNAMIC PRESSURE = 10.888 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.86	0.000	-1.60	.075	-6.96	.025	-3.40	.025	-10.30
.150	-5.76	.029	-7.20	.150	-7.69	.050	-3.29	.050	-9.05
.200	-6.05	.057	-5.84	.200	-7.21	.075	-5.07	.100	-9.08
.300	-6.27	.086	-4.68	.300	-8.49	.100	-6.22	.150	-8.57
.400	-5.84	.114	-4.02	.400	-7.76	.149	-6.67	.200	-7.76
.500	-5.41	.172	-3.25	.500	-5.69	.200	-6.74	.250	-7.51
.600	-5.30	.229	-3.07	.600	-7.09	.250	-6.81	.300	-6.41
.700	-4.61	.286	-2.88	.700	-6.33	.300	-6.48	.400	-5.20
.800	-4.15	.343	-2.48	.800	-5.10	.350	-7.39	.500	-3.11
		.400	-2.47			.400	-6.75	.600	-3.78
		.458	-2.16			.500	-5.51	.703	-3.67
		.571	-2.39			.600	-3.54	.826	-3.78
		.686	-2.21			.700	-4.43		
		.801	-2.71			.800	-3.06		
		.915	-3.49						
		.967	-3.83						
		.994	-5.29						
				LOWER	SURFACE				
.075	.94	.029	.90	.075	-.13	.025	-.93	.025	3.47
.150	.97	.057	.94	.150	.75	.050	-.16	.050	4.16
.200	.99	.086	1.00	.200	1.05	.075	.29	.100	3.84
.300	.93	.114	1.00	.300	1.22	.100	.48	.150	4.36
.400	.88	.172	.96	.400	1.29	.150	1.04	.200	4.54
.500	.83	.229	.94	.500	1.39	.200	1.30	.250	4.88
.600	.74	.286	.94	.600	1.41	.250	1.45	.300	4.80
.700	.69	.343	.90	.700	1.32	.300	1.11	.400	5.29
.861	-.11	.400	.91	.861	1.28	.350	1.73	.500	4.29
		.458	.87			.400	2.12	.600	5.92
		.571	.86			.500	1.64	.703	8.02
		.686	.90			.600	-3.19	.756	7.82
						.700	-3.90		

ALPHA = 10.72 DEGREES DYNAMIC PRESSURE = 10.924 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.14	0.000	-1.64	.075	-5.31	.025	-3.05	.025	-10.29
.150	-5.93	.029	-7.55	.150	-7.62	.050	-4.13	.050	-8.77
.200	-6.52	.057	-6.20	.200	-7.87	.075	-5.05	.100	-8.79
.300	-6.71	.086	-4.88	.300	-6.71	.100	-6.25	.150	-8.49
.400	-6.12	.114	-4.10	.400	-7.72	.149	-6.28	.200	-7.05
.500	-6.26	.172	-3.33	.500	-7.41	.200	-6.29	.250	-6.33
.600	-5.48	.229	-3.19	.600	-6.57	.250	-6.56	.300	-5.04
.700	-5.02	.286	-2.93	.700	-6.13	.300	-4.87	.400	-5.09
.800	-4.35	.343	-2.60	.800	-5.05	.350	-4.57	.500	-3.49
		.400	-2.48			.400	-4.04	.600	-2.67
		.458	-2.46			.500	-5.37	.703	-3.64
		.571	-2.35			.600	-4.26	.826	-4.36
		.686	-2.50			.700	-2.58		
		.801	-2.71			.800	-2.99		
		.915	-3.00						
		.967	-4.18						
		.994	-5.27						
				LOWER	SURFACE				
.075	.95	.029	.75	.075	-.06	.025	-.84	.025	3.32
.150	.97	.057	.91	.150	.77	.050	-.24	.050	4.27
.200	.97	.086	.94	.200	1.02	.075	.44	.100	3.99
.300	.93	.114	.99	.300	1.23	.100	.39	.150	4.39
.400	.92	.172	.97	.400	1.30	.150	1.05	.200	4.76
.500	.81	.229	.98	.500	1.40	.200	1.38	.250	4.96
.600	.75	.286	.93	.600	1.61	.250	1.63	.300	5.30
.700	.58	.343	.93	.700	1.66	.300	1.11	.400	5.67
.861	-.14	.400	.88	.861	1.15	.350	1.85	.500	4.28
		.458	.88			.400	1.85	.600	5.99
		.571	.91			.500	1.49	.703	7.84
		.686	.90			.600	-3.51	.756	7.64
						.700	-3.79		

ALPHA = 12.67 DEGREES DYNAMIC PRESSURE = 10.848 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.88	0.000	-1.86	.075	-6.79	.025	-1.64	.025	-9.62
.150	-6.69	.029	-7.63	.150	-7.35	.050	-2.69	.050	-9.08
.200	-7.54	.057	-6.08	.200	-8.07	.075	-5.51	.100	-9.01
.300	-7.10	.086	-4.14	.300	-8.51	.100	-4.55	.150	-7.69
.400	-6.53	.114	-2.53	.400	-5.61	.149	-6.68	.200	-8.18
.500	-6.24	.172	-2.95	.500	-6.96	.200	-6.70	.250	-6.82
.600	-6.14	.229	-3.31	.600	-6.08	.250	-4.60	.300	-6.10
.700	-5.28	.286	-2.96	.700	-6.12	.300	-7.40	.400	-4.71
.800	-4.77	.343	-2.58	.800	-4.97	.350	-6.07	.500	-3.72
		.400	-2.58			.400	-6.29	.600	-3.73
		.458	-2.50			.500	-4.77	.703	-2.98
		.571	-2.42			.600	-4.56	.826	-4.36
		.686	-2.49			.700	-4.40		
		.801	-2.39			.800	-3.71		
		.915	-3.55						
		.967	-4.33						
		.994	-5.02						
				LOWER	SURFACE				
.075	.85	.029	.72	.075	-.15	.025	-.61	.025	3.28
.150	.99	.057	.89	.150	.80	.050	-.26	.050	4.01
.200	.96	.086	.95	.200	1.03	.075	.29	.100	4.27
.300	.92	.114	.97	.300	1.22	.100	.45	.150	4.70
.400	.86	.172	.99	.400	1.29	.150	1.07	.200	4.62
.500	.83	.229	.97	.500	1.49	.200	1.39	.250	5.15
.600	.72	.286	.92	.600	1.50	.250	1.53	.300	5.07
.700	.57	.343	.91	.700	1.48	.300	1.17	.400	5.50
.861	-.17	.400	.91	.861	1.15	.350	2.19	.500	4.39
		.458	.90			.400	2.01	.600	6.21
		.571	.91			.500	1.88	.703	7.90
		.686	.92			.600	-3.50	.756	7.94
						.700	-3.29		

ALPHA = 14.54 DEGREES DYNAMIC PRESSURE = 10.807 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-7.73	0.000	-1.89	.075	-4.94	.025	-1.78	.025	-9.78
.150	-7.60	.029	-6.94	.150	-5.16	.050	-3.29	.050	-8.48
.200	-7.39	.057	-5.66	.200	-5.04	.075	-4.34	.100	-8.97
.300	-6.13	.086	-4.40	.300	-3.74	.100	-4.44	.150	-8.39
.400	-6.46	.114	-4.09	.400	-5.02	.149	-4.13	.200	-7.65
.500	-6.41	.172	-3.28	.500	-6.49	.200	-6.47	.250	-6.56
.600	-5.86	.229	-2.96	.600	-3.78	.250	-6.14	.300	-5.40
.700	-4.83	.286	-2.67	.700	-2.65	.300	-5.53	.400	-4.02
.800	-4.39	.343	-2.58	.800	-3.10	.350	-5.32	.500	-2.75
		.400	-2.23			.400	-3.79	.600	-2.28
		.458	-2.04			.500	-2.97	.703	-3.07
		.571	-2.09			.600	-2.56	.826	-4.19
		.686	-2.44			.700	-1.90		
		.801	-2.26			.800	-2.24		
		.915	-1.94						
		.967	-3.24						
		.994	-3.58						
				LOWER	SURFACE				
.075	.68	.029	.67	.075	.02	.025	-.49	.025	3.44
.150	.98	.057	.88	.150	.83	.050	-.19	.050	3.83
.200	.96	.086	.98	.200	1.07	.075	.39	.100	4.25
.300	.93	.114	.97	.300	1.22	.100	.30	.150	4.60
.400	.91	.172	.96	.400	1.34	.150	1.07	.200	5.00
.500	.83	.229	1.00	.500	1.45	.200	1.41	.250	5.23
.600	.77	.286	.96	.600	1.60	.250	1.55	.300	5.31
.700	.56	.343	.95	.700	1.73	.300	1.23	.400	5.68
.861	-.23	.400	.94	.861	1.34	.350	2.05	.500	4.39
		.458	.93			.400	1.90	.600	6.29
		.571	.88			.500	1.84	.703	7.88
		.686	.92			.600	-3.30	.756	7.86
						.700	-3.40		

ALPHA = 16.40 DEGREES DYNAMIC PRESSURE = 10.851 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-7.22	0.000	-1.85	.075	-5.08	.025	-1.66	.025	-9.25
.150	-7.81	.029	-7.32	.150	-4.09	.050	-2.17	.050	-8.55
.200	-7.26	.057	-5.64	.200	-3.31	.075	-2.95	.100	-7.73
.300	-7.43	.086	-4.45	.300	-4.95	.100	-2.41	.150	-7.70
.400	-6.96	.114	-4.14	.400	-5.23	.149	-3.88	.200	-6.88
.500	-6.08	.172	-3.22	.500	-3.06	.200	-2.44	.250	-6.09
.600	-5.58	.229	-3.10	.600	-2.84	.250	-3.96	.300	-5.45
.700	-4.93	.286	-2.47	.700	-2.59	.300	-3.19	.400	-3.85
.800	-4.34	.343	-2.23	.800	-2.39	.350	-3.15	.500	-2.36
		.400	-2.05			.400	-4.05	.600	-2.63
		.458	-1.98			.500	-2.57	.703	-3.01
		.571	-1.93			.600	-1.94	.826	-3.68
		.686	-1.80			.700	-2.31		
		.801	-2.41			.800	-1.99		
		.915	-2.52						
		.967	-2.01						
		.994	-2.95						
				LOWER	SURFACE				
.075	.60	.029	.68	.075	.06	.025	-.65	.025	3.60
.150	.97	.057	.89	.150	.84	.050	.09	.050	4.34
.200	1.02	.086	.92	.200	1.09	.075	.39	.100	4.04
.300	.96	.114	.92	.300	1.27	.100	.35	.150	4.70
.400	.91	.172	.93	.400	1.42	.150	1.08	.200	5.06
.500	.85	.229	.96	.500	1.60	.200	1.46	.250	5.27
.600	.77	.286	.92	.600	1.68	.250	1.60	.300	5.41
.700	.65	.343	.90	.700	1.75	.300	1.30	.400	5.52
.861	-.16	.400	.99	.861	1.61	.350	1.87	.500	4.47
		.458	.91			.400	1.90	.600	5.91
		.571	.90			.500	1.83	.703	7.62
		.686	.92			.600	-2.94	.756	7.93
						.700	-3.33		

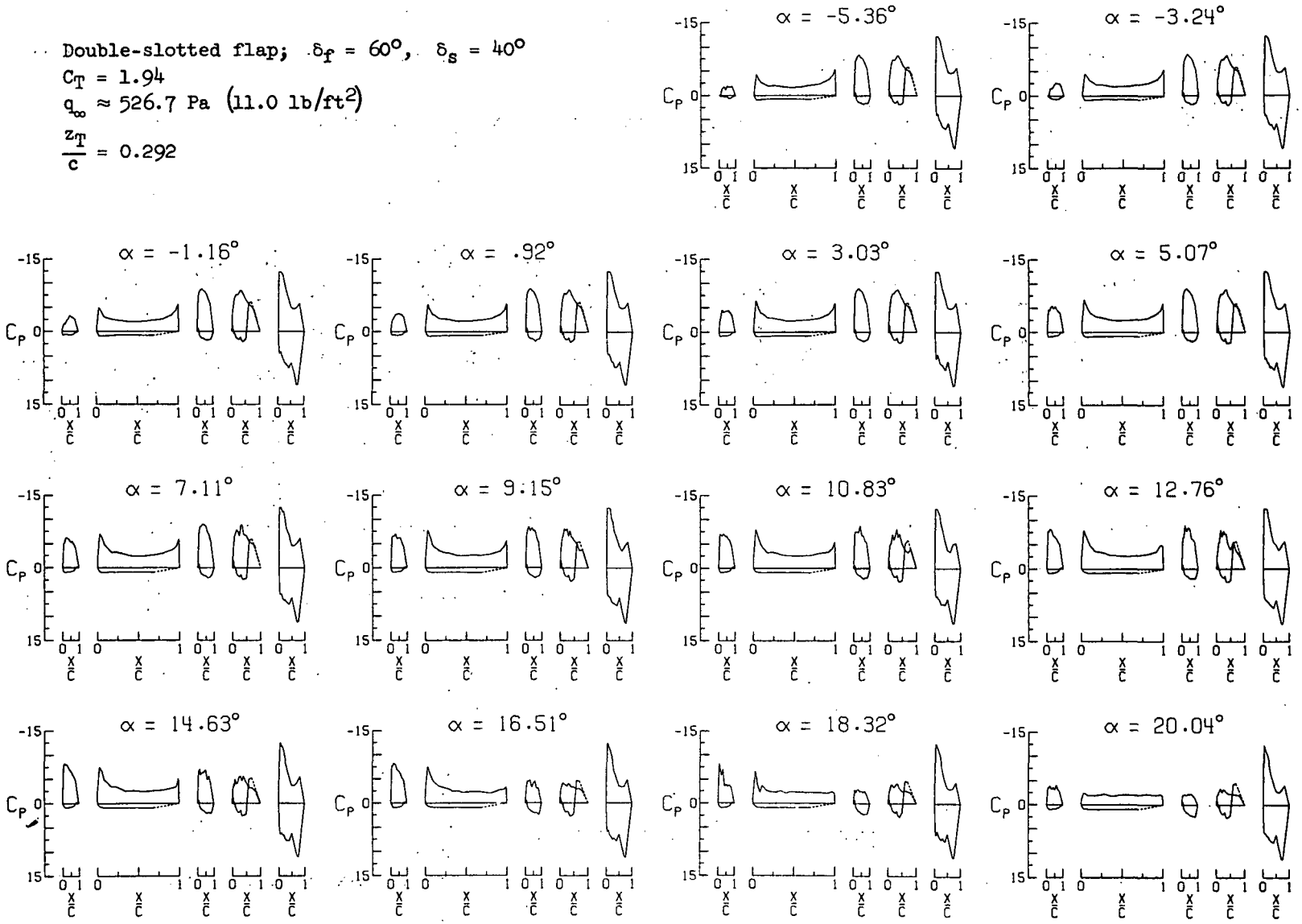
ALPHA = 18.19 DEGREES DYNAMIC PRESSURE = 10.856 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.87	0.000	-1.66	.075	-2.07	.025	-1.55	.025	-9.21
.150	-3.91	.029	-6.72	.150	-2.63	.050	-2.36	.050	-8.10
.200	-5.08	.057	-4.36	.200	-2.63	.075	-2.27	.100	-7.59
.300	-3.88	.086	-3.43	.300	-2.69	.100	-2.54	.150	-7.16
.400	-5.84	.114	-3.25	.400	-2.34	.149	-2.57	.200	-6.78
.500	-2.88	.172	-2.34	.500	-1.91	.200	-2.13	.250	-6.11
.600	-5.41	.229	-1.72	.600	-2.18	.250	-2.24	.300	-4.49
.700	-4.60	.286	-2.65	.700	-2.02	.300	-3.13	.400	-3.58
.800	-4.16	.343	-1.98	.800	-1.88	.350	-3.15	.500	-2.45
		.400	-1.81			.400	-2.08	.600	-2.19
		.458	-1.69			.500	-2.20	.703	-2.53
		.571	-1.56			.600	-1.98	.826	-2.97
		.686	-1.79			.700	-1.88		
		.801	-1.35			.800	-1.57		
		.915	-2.12						
		.967	-2.00						
		.994	-2.04						
				LOWER	SURFACE				
.075	.57	.029	.81	.075	.16	.025	-.57	.025	3.53
.150	.98	.057	.89	.150	.81	.050	-.13	.050	4.36
.200	.98	.086	.93	.200	1.07	.075	.66	.100	4.27
.300	.97	.114	.99	.300	1.23	.100	.40	.150	4.28
.400	.92	.172	.96	.400	1.38	.150	1.08	.200	5.16
.500	.91	.229	.91	.500	1.49	.200	1.44	.250	5.11
.600	.86	.286	.95	.600	1.54	.250	1.60	.300	5.08
.700	.64	.343	.99	.700	1.61	.300	1.24	.400	5.63
.861	-.08	.400	.93	.861	1.66	.350	2.05	.500	4.43
		.458	.94			.400	2.16	.600	6.24
		.571	.93			.500	1.77	.703	7.85
		.686	.91			.600	-2.85	.756	7.93
						.700	-3.04		

ALPHA = 19.98 DEGREES DYNAMIC PRESSURE = 10.849 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.93	0.000	-.41	.075	-2.04	.025	-1.46	.025	-8.78
.150	-3.06	.029	-6.24	.150	-2.18	.050	-1.79	.050	-8.06
.200	-2.86	.057	-1.96	.200	-2.04	.075	-2.12	.100	-7.52
.300	-2.97	.086	-1.90	.300	-2.02	.100	-2.27	.150	-6.88
.400	-2.73	.114	-1.63	.400	-1.90	.149	-2.85	.200	-6.43
.500	-2.75	.172	-1.73	.500	-1.87	.200	-1.96	.250	-5.79
.630	-2.73	.229	-1.84	.600	-1.90	.250	-2.12	.300	-4.65
.700	-2.83	.286	-1.82	.700	-1.70	.300	-2.38	.400	-3.40
.800	-2.86	.343	-1.74	.800	-1.63	.350	-2.69	.500	-2.08
		.400	-1.81			.400	-2.33	.600	-2.00
		.458	-1.72			.500	-1.97	.703	-2.17
		.571	-1.73			.600	-1.57	.826	-3.14
		.686	-1.76			.700	-1.60		
		.801	-1.62			.800	-1.42		
		.915	-1.61						
		.967	-1.58						
		.994	-1.69						
				LOWER	SURFACE				
.075	.87	.029	.87	.075	.14	.025	-.32	.025	3.37
.150	.98	.057	.94	.150	.86	.050	.19	.050	3.95
.200	1.02	.086	.97	.200	1.09	.075	.59	.100	3.78
.300	.98	.114	1.01	.300	1.23	.100	.64	.150	4.26
.400	.95	.172	.98	.400	1.26	.150	1.20	.200	4.37
.500	.92	.229	1.00	.500	1.44	.200	1.48	.250	4.79
.600	.91	.286	.97	.600	1.65	.250	1.49	.300	5.06
.700	.80	.343	.97	.700	1.61	.300	1.04	.400	5.34
.861	.38	.400	.98	.861	1.58	.350	1.79	.500	4.20
		.458	.94			.400	1.92	.600	6.01
		.571	.95			.500	1.53	.703	7.66
		.686	.97			.600	-2.77	.756	7.64
						.700	-2.78		

Double-slotted flap; $\delta_f = 60°$, $\delta_s = 40°$
$C_T = 1.94$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft^2)
$\frac{z_T}{c} = 0.292$



ALPHA = -5.37 DEGREES DYNAMIC PRESSURE = 11.076 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.07	0.000	-.59	.075	-7.05	.025	-3.62	.025	-12.30
.150	-.92	.029	-4.32	.150	-7.61	.050	-4.78	.050	-12.30
.200	-1.44	.057	-3.30	.200	-8.07	.075	-6.04	.100	-12.30
.300	-1.84	.086	-2.63	.300	-8.52	.100	-6.74	.150	-11.86
.400	-1.16	.114	-2.43	.400	-7.96	.149	-7.51	.200	-11.24
.500	-1.92	.172	-1.94	.500	-7.81	.200	-7.19	.250	-9.84
.600	-1.71	.229	-2.03	.600	-7.13	.250	-7.70	.300	-8.53
.700	-1.77	.286	-2.00	.700	-6.32	.300	-8.30	.400	-6.61
.800	-1.87	.343	-1.82	.800	-5.50	.350	-8.23	.500	-4.79
		.400	-1.72			.400	-7.64	.600	-4.62
		.458	-1.65			.500	-6.27	.703	-4.72
		.571	-1.75			.600	-5.42	.826	-5.73
		.686	-2.06			.700	-5.15		
		.801	-2.28			.800	-4.46		
		.915	-3.27						
		.967	-4.16						
		.994	-5.32						
				LOWER	SURFACE				
.075	-.02	.029	1.01	.075	-.66	.025	-.94	.025	3.22
.150	.24	.057	.98	.150	.70	.050	-.35	.050	4.01
.200	.14	.086	.88	.200	1.14	.075	.40	.100	3.72
.300	.21	.114	.83	.300	1.44	.100	.41	.150	5.08
.400	.39	.172	.75	.400	1.49	.150	1.18	.200	5.41
.500	.32	.229	.71	.500	1.68	.200	1.55	.250	6.20
.600	.66	.286	.73	.600	1.79	.250	1.58	.300	6.60
.700	.59	.343	.73	.700	1.58	.300	1.00	.400	6.86
.861	.22	.400	.72	.861	1.59	.350	1.83	.500	5.62
		.458	.71			.400	1.86	.600	8.19
		.571	.74			.500	1.57	.703	10.70
		.686	.80			.600	-5.56	.756	10.84
						.700	-5.89		

ALPHA = -3.24 DEGREES DYNAMIC PRESSURE = 11.005 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.19	0.000	-.51	.075	-7.11	.025	-3.76	.025	-12.38
.150	-1.37	.029	-4.52	.150	-7.78	.050	-5.03	.050	-12.38
.200	-1.46	.057	-3.91	.200	-8.21	.075	-6.22	.100	-12.38
.300	-1.49	.086	-3.12	.300	-8.71	.100	-6.94	.150	-11.92
.400	-2.14	.114	-2.84	.400	-8.32	.149	-7.67	.200	-11.27
.500	-2.58	.172	-2.23	.500	-8.01	.200	-7.53	.250	-10.16
.600	-2.40	.229	-2.24	.600	-7.53	.250	-7.88	.300	-8.53
.700	-2.53	.286	-2.08	.700	-6.44	.300	-8.28	.400	-6.67
.800	-2.14	.343	-1.93	.800	-5.51	.350	-8.46	.500	-4.92
		.400	-1.85			.400	-7.63	.600	-4.68
		.458	-1.93			.500	-6.39	.703	-4.90
		.571	-1.97			.600	-5.63	.826	-5.81
		.686	-2.27			.700	-5.29		
		.801	-2.51			.800	-4.49		
		.915	-3.35						
		.967	-4.31						
		.994	-5.48						
				LOWER	SURFACE				
.075	.23	.029	.98	.075	-.69	.025	-1.03	.025	3.51
.150	.37	.057	.91	.150	.76	.050	-.27	.050	4.11
.200	.54	.086	.90	.200	1.19	.075	.52	.100	4.06
.300	.64	.114	.85	.300	1.43	.100	.39	.150	4.84
.400	.69	.172	.77	.400	1.47	.150	1.26	.200	5.72
.500	.71	.229	.75	.500	1.75	.200	1.59	.250	6.19
.600	.70	.286	.69	.600	1.78	.250	1.59	.300	5.91
.700	.62	.343	.71	.700	1.71	.300	1.05	.400	7.21
.861	.22	.400	.75	.861	1.46	.350	1.87	.500	5.76
		.458	.71			.400	2.06	.600	8.30
		.571	.74			.500	1.37	.703	10.94
		.686	.79			.600	-5.80	.756	10.75
						.700	-6.04		

ALPHA = -1.16 DEGREES DYNAMIC PRESSURE = 11.006 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.10	0.000	-.80	.075	-7.37	.025	-3.76	.025	-12.38
.150	-1.68	.029	-5.03	.150	-8.19	.050	-4.97	.050	-12.38
.200	-1.54	.057	-4.12	.200	-8.52	.075	-6.23	.100	-12.38
.300	-2.26	.086	-3.17	.300	-8.77	.100	-6.99	.150	-12.07
.400	-2.70	.114	-2.91	.400	-8.41	.149	-7.62	.200	-11.48
.500	-3.37	.172	-2.63	.500	-8.12	.200	-7.53	.250	-10.09
.600	-2.99	.229	-2.44	.600	-7.59	.250	-7.84	.300	-8.68
.700	-2.88	.286	-2.29	.700	-6.62	.300	-8.53	.400	-6.78
.800	-2.56	.343	-2.16	.800	-5.74	.350	-8.39	.500	-5.03
		.400	-2.02			.400	-7.83	.600	-4.63
		.458	-2.04			.500	-6.61	.703	-4.90
		.571	-2.11			.600	-5.79	.826	-5.87
		.686	-2.38			.700	-5.21		
		.801	-2.59			.800	-4.35		
		.915	-3.44						
		.967	-4.42						
		.994	-5.71						
				LOWER	SURFACE				
.075	.90	.029	.95	.075	-.72	.025	-1.19	.025	4.21
.150	.62	.057	.94	.150	.71	.050	-.28	.050	4.53
.200	.59	.086	.93	.200	1.13	.075	.47	.100	4.10
.300	.65	.114	.89	.300	1.39	.100	.45	.150	5.10
.400	.71	.172	.82	.400	1.45	.150	1.17	.200	5.69
.500	.70	.229	.78	.500	1.68	.200	1.49	.250	6.36
.600	.70	.286	.75	.600	1.79	.250	1.70	.300	6.56
.700	.63	.343	.73	.700	1.77	.300	1.14	.400	7.54
.861	.16	.400	.71	.861	1.62	.350	1.88	.500	6.37
		.458	.76			.400	2.10	.600	8.27
		.571	.78			.500	1.67	.703	11.00
		.686	.80			.600	-5.85	.756	10.85
						.700	-6.12		

ALPHA = .93 DEGREES DYNAMIC PRESSURE = 10.893 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.14	0.000	-.73	.075	-7.45	.025	-3.85	.025	-12.52
.150	-2.96	.029	-5.61	.150	-8.23	.050	-5.16	.050	-12.52
.200	-2.86	.057	-4.48	.200	-8.61	.075	-6.40	.100	-12.52
.300	-3.55	.086	-3.58	.300	-8.94	.100	-7.19	.150	-12.35
.400	-3.64	.114	-3.42	.400	-8.49	.149	-8.05	.200	-11.61
.500	-3.74	.172	-2.65	.500	-8.30	.200	-7.79	.250	-10.29
.600	-3.60	.229	-2.59	.600	-7.69	.250	-8.05	.300	-8.70
.700	-3.42	.286	-2.50	.700	-6.72	.300	-8.65	.400	-6.90
.800	-3.05	.343	-2.25	.800	-5.69	.350	-8.68	.500	-5.05
		.400	-2.13			.400	-7.79	.600	-4.76
		.458	-2.16			.500	-6.66	.703	-4.96
		.571	-2.23			.600	-5.77	.826	-6.01
		.686	-2.41			.700	-5.26		
		.801	-2.69			.800	-4.59		
		.915	-3.55						
		.967	-4.51						
		.994	-5.80						
				LOWER	SURFACE				
.075	.70	.029	.95	.075	-.73	.025	-1.23	.025	4.07
.150	.79	.057	1.02	.150	-.72	.050	-.43	.050	4.65
.200	.71	.086	.93	.200	1.19	.075	.45	.100	4.61
.300	.78	.114	.91	.300	1.46	.100	.26	.150	5.27
.400	.81	.172	.87	.400	1.48	.150	1.23	.200	6.22
.500	.74	.229	.84	.500	1.68	.200	1.59	.250	6.19
.600	.74	.286	.87	.600	1.98	.250	1.58	.300	7.25
.700	.63	.343	.79	.700	1.65	.300	1.21	.400	7.19
.861	.10	.400	.82	.861	1.59	.350	2.11	.500	6.13
		.458	.79			.400	2.02	.600	8.82
		.571	.79			.500	1.53	.703	11.02
		.686	.79			.600	-5.84	.756	11.02
						.700	-6.16		

ALPHA = 3.03 DEGREES DYNAMIC PRESSURE = 10.930 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.35	0.000	-.97	.075	-7.63	.025	-3.75	.025	-12.47
.150	-3.47	.029	-6.51	.150	-8.42	.050	-5.18	.050	-12.47
.200	-4.57	.057	-5.00	.200	-8.68	.075	-6.30	.100	-12.47
.300	-3.98	.086	-3.91	.300	-9.05	.100	-7.25	.150	-12.47
.400	-4.24	.114	-3.80	.400	-8.60	.149	-7.92	.200	-11.72
.500	-4.31	.172	-2.91	.500	-8.46	.200	-8.03	.250	-10.20
.600	-4.37	.229	-2.90	.600	-7.77	.250	-8.41	.300	-8.75
.700	-3.96	.286	-2.68	.700	-6.65	.300	-8.68	.400	-6.97
.800	-3.48	.343	-2.50	.800	-5.88	.350	-8.69	.500	-5.00
		.400	-2.23			.400	-8.02	.600	-4.76
		.458	-2.26			.500	-6.81	.703	-4.92
		.571	-2.38			.600	-5.66	.826	-6.02
		.686	-2.52			.700	-5.32		
		.801	-2.80			.800	-4.52		
		.915	-3.62						
		.967	-4.61						
		.994	-5.93						
				LOWER	SURFACE				
.075	.96	.029	.95	.075	-.59	.025	-1.48	.025	4.14
.150	.91	.057	.99	.150	.67	.050	-.46	.050	5.56
.200	.83	.086	.98	.200	1.17	.075	.38	.100	4.59
.300	.80	.114	.95	.300	1.46	.100	.34	.150	5.35
.400	.81	.172	.89	.400	1.54	.150	1.13	.200	6.35
.500	.78	.229	.82	.500	1.73	.200	1.61	.250	6.69
.600	.70	.286	.82	.600	1.87	.250	1.64	.300	6.90
.700	.58	.343	.84	.700	1.81	.300	1.17	.400	7.80
.861	-.01	.400	.82	.861	1.48	.350	2.03	.500	5.94
		.458	.82			.400	2.33	.600	8.52
		.571	.78			.500	1.86	.703	11.24
		.686	.83			.600	-5.81	.756	10.97
						.700	-6.09		

ALPHA = 5.08 DEGREES DYNAMIC PRESSURE = 10.893 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.71	0.000	-1.28	.075	-7.47	.025	-3.82	.025	-12.51
.150	-4.32	.029	-6.70	.150	-8.48	.050	-5.14	.050	-12.51
.200	-5.02	.057	-5.50	.200	-8.77	.075	-6.48	.100	-12.51
.300	-5.49	.086	-4.39	.300	-9.10	.100	-7.34	.150	-12.42
.400	-4.86	.114	-3.84	.400	-8.66	.149	-7.96	.200	-11.74
.500	-5.35	.172	-3.23	.500	-8.32	.200	-7.86	.250	-10.44
.600	-4.68	.229	-3.04	.600	-7.80	.250	-8.21	.300	-8.55
.700	-4.17	.286	-2.80	.700	-6.86	.300	-8.84	.400	-6.93
.800	-3.95	.343	-2.53	.800	-5.84	.350	-8.85	.500	-5.03
		.400	-2.45			.400	-7.67	.600	-4.77
		.458	-2.35			.500	-6.69	.703	-5.00
		.571	-2.44			.600	-5.69	.826	-5.96
		.686	-2.60			.700	-5.34		
		.801	-2.81			.800	-4.67		
		.915	-3.74						
		.967	-4.63						
		.994	-5.98						
				LOWER	SURFACE				
.075	1.00	.029	.86	.075	-.59	.025	-1.56	.025	4.16
.150	.93	.057	.98	.150	.71	.050	-.79	.050	5.56
.200	.89	.086	.98	.200	1.14	.075	.14	.100	5.36
.300	.86	.114	.95	.300	1.49	.100	.08	.150	6.24
.400	.84	.172	.89	.400	1.60	.150	1.10	.200	6.41
.500	.77	.229	.90	.500	1.74	.200	1.60	.250	7.29
.600	.73	.286	.85	.600	1.86	.250	1.75	.300	7.01
.700	.59	.343	.88	.700	1.83	.300	1.26	.400	7.71
.861	.03	.400	.89	.861	1.52	.350	2.29	.500	6.13
		.458	.85			.400	2.19	.600	8.50
		.571	.85			.500	2.13	.703	11.05
		.686	.89			.600	-5.66	.756	11.34
						.700	-6.00		

ALPHA = 7.12 DEGREES DYNAMIC PRESSURE = 10.957 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.07	0.000	-1.60	.075	-7.19	.025	-3.92	.025	-12.44
.150	-5.20	.029	-7.07	.150	-8.56	.050	-5.16	.050	-12.44
.200	-6.30	.057	-6.18	.200	-8.50	.075	-6.60	.100	-12.44
.300	-6.18	.086	-4.83	.300	-9.03	.100	-7.03	.150	-11.54
.400	-5.84	.114	-4.32	.400	-8.96	.149	-7.87	.200	-11.61
.500	-5.26	.172	-3.21	.500	-8.64	.200	-7.52	.250	-10.20
.600	-5.43	.229	-3.25	.600	-7.44	.250	-6.54	.300	-8.03
.700	-4.88	.286	-3.05	.700	-6.83	.300	-8.93	.400	-6.88
.800	-4.12	.343	-2.80	.800	-5.44	.350	-8.94	.500	-4.61
		.400	-2.50			.400	-6.89	.600	-4.54
		.458	-2.48			.500	-6.69	.703	-5.13
		.571	-2.47			.600	-5.30	.826	-6.14
		.686	-2.68			.700	-5.05		
		.801	-3.06			.800	-4.46		
		.915	-3.78						
		.967	-4.59						
		.994	-6.06						
				LOWER	SURFACE				
.075	.94	.029	.83	.075	-.78	.025	-1.58	.025	4.87
.150	.94	.057	.94	.150	.68	.050	-.70	.050	5.54
.200	.92	.086	.98	.200	1.14	.075	-.00	.100	5.44
.300	.88	.114	.91	.300	1.43	.100	-.04	.150	6.33
.400	.87	.172	.88	.400	1.66	.150	1.19	.200	6.80
.500	.77	.229	.90	.500	1.72	.200	1.64	.250	6.66
.600	.72	.286	.86	.600	2.06	.250	1.88	.300	7.16
.700	.58	.343	.84	.700	2.01	.300	1.37	.400	7.83
.861	-.14	.400	.85	.861	1.48	.350	2.40	.500	6.11
		.458	.86			.400	2.40	.600	8.73
		.571	.83			.500	2.21	.703	11.21
		.686	.85			.600	-5.76	.756	11.20
						.700	-5.96		

ALPHA = 9.15 DEGREES DYNAMIC PRESSURE = 10.945 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.37	0.000	-1.83	.075	-7.05	.025	-3.49	.025	-12.45
.150	-6.60	.029	-7.81	.150	-7.93	.050	-5.23	.050	-12.45
.200	-6.54	.057	-6.46	.200	-8.52	.075	-6.26	.100	-12.45
.300	-7.04	.086	-4.79	.300	-7.70	.100	-6.54	.150	-12.30
.400	-6.00	.114	-4.25	.400	-8.30	.149	-8.11	.200	-10.20
.500	-6.24	.172	-3.55	.500	-7.70	.200	-7.73	.250	-9.58
.600	-6.18	.229	-3.18	.600	-7.73	.250	-8.11	.300	-7.59
.700	-5.15	.286	-3.12	.700	-6.22	.300	-6.56	.400	-6.19
.800	-4.32	.343	-2.80	.800	-5.36	.350	-7.72	.500	-4.47
		.400	-2.53			.400	-6.50	.600	-3.54
		.458	-2.51			.500	-5.82	.703	-4.43
		.571	-2.65			.600	-4.94	.826	-5.44
		.686	-2.64			.700	-3.60		
		.801	-2.87			.800	-3.84		
		.915	-3.44						
		.967	-4.56						
		.994	-5.65						
				LOWER	SURFACE				
.075	.79	.029	.76	.075	-.70	.025	-1.65	.025	5.17
.150	.95	.057	.94	.150	.70	.050	-.90	.050	5.63
.200	.97	.086	.95	.200	1.11	.075	.17	.100	5.91
.300	.90	.114	.95	.300	1.45	.100	-.04	.150	6.15
.400	.84	.172	.93	.400	1.64	.150	1.14	.200	7.02
.500	.79	.229	.95	.500	1.87	.200	1.75	.250	7.25
.600	.74	.286	.92	.600	2.10	.250	1.79	.300	7.39
.700	.53	.343	.89	.700	1.87	.300	1.46	.400	7.79
.861	-.14	.400	.86	.861	1.66	.350	2.49	.500	6.13
		.458	.91			.400	2.65	.600	8.82
		.571	.93			.500	2.26	.703	11.25
		.686	.93			.600	-5.29	.756	11.44
						.700	-5.50		

ALPHA = 10.83 DEGREES DYNAMIC PRESSURE = 11.000 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-7.04	0.000	-2.00	.075	-7.56	.025	-2.75	.025	-12.38
.150	-6.78	.029	-8.04	.150	-7.59	.050	-4.70	.050	-12.38
.200	-6.69	.057	-6.48	.200	-7.52	.075	-4.92	.100	-12.32
.300	-7.05	.086	-5.02	.300	-7.42	.100	-5.18	.150	-11.63
.400	-6.65	.114	-4.28	.400	-8.86	.149	-7.02	.200	-11.07
.500	-6.52	.172	-3.18	.500	-6.80	.200	-5.87	.250	-9.07
.600	-6.06	.229	-3.34	.600	-6.68	.250	-6.77	.300	-8.11
.700	-5.47	.286	-3.10	.700	-5.64	.300	-8.13	.400	-5.61
.800	-4.55	.343	-2.78	.800	-5.25	.350	-6.36	.500	-3.79
		.400	-2.60			.400	-7.07	.600	-3.39
		.458	-2.55			.500	-5.00	.703	-4.99
		.571	-2.54			.600	-3.72	.826	-5.25
		.686	-2.58			.700	-3.21		
		.801	-3.06			.800	-3.93		
		.915	-3.32						
		.967	-4.10						
		.994	-5.42						
				LOWER	SURFACE				
.075	.76	.029	.74	.075	-.61	.025	-1.64	.025	5.30
.150	1.01	.057	.87	.150	.72	.050	-.79	.050	5.84
.200	1.01	.086	.97	.200	1.17	.075	.33	.100	5.80
.300	.92	.114	.97	.300	1.47	.100	.02	.150	6.22
.400	.87	.172	.92	.400	1.57	.150	1.18	.200	6.63
.500	.79	.229	.95	.500	1.91	.200	1.79	.250	7.39
.600	.73	.286	.95	.600	2.12	.250	1.88	.300	7.35
.700	.55	.343	.91	.700	1.99	.300	1.46	.400	7.53
.861	-.26	.400	.93	.861	1.94	.350	2.49	.500	6.26
		.458	.91			.400	2.77	.600	8.95
		.571	.89			.500	2.46	.703	11.49
		.686	.96			.600	-5.03	.756	11.26
						.700	-5.83		

ALPHA = 12.76 DEGREES DYNAMIC PRESSURE = 10.931 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-7.82	0.000	-2.01	.075	-6.39	.025	-2.82	.025	-12.47
.150	-7.70	.029	-7.95	.150	-6.58	.050	-3.84	.050	-12.47
.200	-8.21	.057	-6.68	.200	-9.05	.075	-5.52	.100	-12.38
.300	-7.90	.086	-5.49	.300	-7.73	.100	-5.40	.150	-12.36
.400	-8.87	.114	-4.62	.400	-8.47	.149	-8.05	.200	-10.74
.500	-6.55	.172	-3.58	.500	-8.18	.200	-6.59	.250	-9.54
.600	-6.13	.229	-3.44	.600	-6.33	.250	-7.79	.300	-7.45
.700	-5.44	.286	-3.24	.700	-5.99	.300	-7.03	.400	-5.43
.800	-4.99	.343	-2.81	.800	-5.49	.350	-7.21	.500	-4.88
		.400	-2.75			.400	-5.16	.600	-3.77
		.458	-2.66			.500	-3.94	.703	-4.70
		.571	-2.57			.600	-5.58	.826	-5.72
		.686	-2.74			.700	-3.68		
		.801	-3.00			.800	-2.92		
		.915	-3.53						
		.967	-4.91						
		.994	-4.78						
				LOWER	SURFACE				
.075	.77	.029	.61	.075	-.85	.025	-1.47	.025	5.17
.150	.97	.057	.83	.150	.68	.050	-.92	.050	5.89
.200	.97	.086	.92	.200	1.16	.075	.02	.100	6.38
.300	.91	.114	.90	.300	1.49	.100	.08	.150	6.60
.400	.86	.172	.91	.400	1.62	.150	1.20	.200	6.86
.500	.81	.229	.96	.500	1.95	.200	1.62	.250	7.37
.600	.73	.286	.91	.600	1.97	.250	1.89	.300	7.53
.700	.53	.343	.88	.700	1.97	.300	1.53	.400	8.09
.861	-.30	.400	.87	.861	1.96	.350	2.63	.500	6.42
		.458	.84			.400	2.73	.600	8.82
		.571	.90			.500	2.31	.703	11.42
		.686	.88			.600	-5.39	.756	11.36
						.700	-5.71		

ALPHA = 14.64 DEGREES DYNAMIC PRESSURE = 10.886 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-7.84	0.000	-2.07	.075	-6.71	.025	-2.78	.025	-12.53
.150	-8.36	.029	-7.65	.150	-7.15	.050	-3.87	.050	-12.52
.200	-7.99	.057	-6.60	.200	-5.64	.075	-3.62	.100	-11.83
.300	-8.05	.086	-4.81	.300	-6.30	.100	-5.08	.150	-11.42
.400	-7.21	.114	-4.51	.400	-6.43	.149	-3.99	.200	-10.46
.500	-6.72	.172	-3.45	.500	-7.03	.200	-4.19	.250	-8.85
.600	-6.18	.229	-3.46	.600	-4.82	.250	-5.52	.300	-7.62
.700	-5.53	.286	-2.99	.700	-5.62	.300	-5.64	.400	-5.61
.800	-4.86	.343	-2.52	.800	-4.26	.350	-4.56	.500	-3.72
		.400	-2.59			.400	-5.61	.600	-3.61
		.458	-2.60			.500	-4.31	.703	-4.14
		.571	-2.39			.600	-3.24	.826	-5.55
		.686	-2.61			.700	-3.18		
		.801	-2.68			.800	-2.71		
		.915	-3.14						
		.967	-3.43						
		.994	-5.17						
				LOWER	SURFACE				
.075	.54	.029	.72	.075	-.75	.025	-1.29	.025	5.43
.150	.91	.057	.84	.150	.70	.050	-.71	.050	6.40
.200	.92	.086	.93	.200	1.15	.075	.24	.100	6.07
.300	.94	.114	.94	.300	1.46	.100	.30	.150	6.49
.400	.87	.172	.94	.400	1.61	.150	1.23	.200	6.68
.500	.78	.229	.95	.500	1.99	.200	1.84	.250	7.42
.600	.72	.286	.93	.600	2.13	.250	1.96	.300	7.68
.700	.56	.343	.92	.730	1.95	.300	1.51	.400	7.77
.861	-.25	.400	.90	.861	2.19	.350	2.61	.500	6.11
		.458	.92			.400	2.57	.600	8.70
		.571	.94			.500	2.32	.703	10.95
		.686	.94			.600	-5.04	.756	11.14
						.700	-5.24		

ALPHA = 16.51 DEGREES DYNAMIC PRESSURE = 10.983 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-7.75	0.000	-2.07	.075	-3.17	.025	-2.28	.025	-12.40
.150	-7.84	.029	-7.66	.150	-4.56	.050	-3.19	.050	-12.40
.200	-8.33	.057	-6.24	.200	-4.47	.075	-3.62	.100	-11.58
.300	-8.04	.086	-4.93	.300	-4.79	.100	-4.21	.150	-10.84
.400	-8.85	.114	-4.23	.400	-3.23	.149	-4.04	.200	-9.96
.500	-6.67	.172	-3.44	.500	-4.06	.200	-3.74	.250	-8.64
.600	-6.19	.229	-3.17	.600	-4.54	.250	-3.54	.300	-6.77
.700	-5.15	.286	-2.93	.700	-3.01	.300	-4.03	.400	-5.22
.800	-4.78	.343	-2.39	.800	-3.10	.350	-3.94	.500	-3.52
		.400	-2.51			.400	-3.37	.600	-3.34
		.458	-2.16			.500	-3.31	.703	-3.40
		.571	-2.37			.600	-2.88	.826	-4.90
		.686	-2.28			.700	-3.00		
		.801	-2.01			.800	-2.47		
		.915	-2.69						
		.967	-2.81						
		.994	-3.31						
				LOWER	SURFACE				
.075	.33	.029	.60	.075	-.57	.025	-1.10	.025	5.47
.150	.94	.057	.79	.150	.74	.050	-.57	.050	5.81
.200	.94	.086	.83	.200	1.11	.075	.12	.100	5.59
.300	.98	.114	.91	.300	1.53	.100	.07	.150	6.68
.400	.89	.172	.92	.400	1.75	.150	1.19	.200	7.10
.500	.85	.229	.94	.500	2.00	.200	1.76	.250	7.49
.600	.75	.286	.99	.600	2.06	.250	1.81	.300	7.26
.700	.58	.343	.91	.700	2.03	.300	1.78	.400	7.84
.861	-.23	.400	.90	.861	2.42	.350	2.55	.500	6.36
		.458	.97			.400	2.67	.600	8.68
		.571	.90			.500	2.24	.703	11.13
		.686	.94			.600	-4.70	.756	11.30
						.700	-4.59		

ALPHA = 18.33 DEGREES DYNAMIC PRESSURE = 10.959 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-8.32	0.000	-1.09	.075	-2.91	.025	-1.83	.025	-12.44
.150	-7.01	.029	-6.74	.150	-2.30	.050	-2.68	.050	-12.44
.200	-5.80	.057	-3.88	.200	-2.78	.075	-3.12	.100	-11.70
.300	-7.01	.086	-2.24	.300	-2.92	.100	-3.93	.150	-11.04
.400	-3.56	.114	-3.67	.400	-2.49	.149	-3.95	.200	-10.18
.500	-3.84	.172	-2.62	.500	-2.52	.200	-3.29	.250	-8.83
.600	-3.58	.229	-2.33	.600	-2.33	.250	-3.72	.300	-6.84
.700	-3.72	.286	-2.31	.700	-2.52	.300	-4.24	.400	-4.68
.800	-3.36	.343	-2.61	.800	-1.87	.350	-4.00	.500	-3.21
		.400	-2.09			.400	-3.18	.600	-2.95
		.458	-2.41			.500	-2.50	.703	-3.16
		.571	-2.27			.600	-2.63	.826	-4.46
		.686	-2.23			.700	-2.48		
		.801	-2.26			.800	-2.22		
		.915	-2.05						
		.967	-2.46						
		.994	-2.09						
				LOWER	SURFACE				
.075	.65	.029	.54	.075	-.67	.025	-1.25	.025	5.72
.150	.90	.057	.89	.150	.65	.050	-.28	.050	6.53
.200	.93	.086	.87	.200	1.14	.075	.53	.100	5.72
.300	.94	.114	.91	.300	1.53	.100	.26	.150	6.47
.400	.89	.172	.92	.400	1.71	.150	1.40	.200	7.02
.500	.89	.229	.92	.500	2.04	.200	1.74	.250	7.40
.600	.75	.286	.95	.600	2.22	.250	1.91	.300	7.10
.700	.57	.343	.88	.700	2.20	.300	1.56	.400	7.75
.861	-.13	.400	.90	.861	2.14	.350	2.49	.500	6.22
		.458	.94			.400	2.80	.600	8.79
		.571	.90			.500	1.82	.703	11.20
		.686	.92			.600	-4.64	.756	11.06
						.700	-4.52		

ALPHA = 20.04 DEGREES DYNAMIC PRESSURE = 10.950 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	XVC	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.45	0.000	-.92	.075	-2.06	.025	-1.74	.025	-12.44
.150	-3.69	.029	-2.39	.150	-2.07	.050	-2.15	.050	-11.94
.200	-3.90	.057	-2.20	.200	-2.27	.075	-2.43	.100	-11.14
.300	-3.28	.086	-1.83	.300	-1.96	.100	-2.93	.150	-10.46
.400	-3.59	.114	-1.97	.400	-2.32	.149	-3.45	.200	-9.47
.500	-3.14	.172	-1.87	.500	-2.14	.200	-2.67	.250	-7.94
.600	-4.11	.229	-2.03	.600	-2.36	.250	-3.26	.300	-6.15
.700	-3.10	.286	-2.21	.700	-1.96	.300	-3.03	.400	-4.50
.800	-2.75	.343	-1.90	.800	-1.53	.350	-2.76	.500	-2.89
		.400	-1.76			.400	-2.42	.600	-2.59
		.458	-2.02			.500	-2.30	.703	-3.10
		.571	-2.08			.600	-2.23	.826	-4.15
		.686	-1.94			.700	-2.14		
		.801	-2.20			.800	-2.14		
		.915	-1.99						
		.967	-2.15						
		.994	-2.00						
				LOWER	SURFACE				
.075	.68	.029	.81	.075	-.67	.025	-1.02	.025	5.38
.150	.94	.057	.85	.150	.67	.050	-.45	.050	5.79
.200	.97	.086	.91	.200	1.17	.075	.47	.100	5.92
.300	.98	.114	.97	.300	1.53	.100	.28	.150	6.38
.400	.91	.172	.95	.400	1.68	.150	1.22	.200	6.62
.500	.91	.229	1.00	.500	2.09	.200	1.88	.250	7.14
.600	.85	.286	.94	.600	2.25	.250	1.95	.300	7.47
.700	.71	.343	.94	.700	2.31	.300	1.42	.400	7.75
.861	.35	.400	.93	.861	2.42	.350	2.62	.500	6.10
		.458	.96			.400	2.61	.600	8.63
		.571	.91			.500	2.17	.703	11.16
		.686	.92			.600	-4.33	.756	11.18
						.700	-4.56		

APPENDIX L

PRESSURE DATA FOR $\delta_f = 60^o$, $\delta_s = 40^o$, AND LONG PYLON

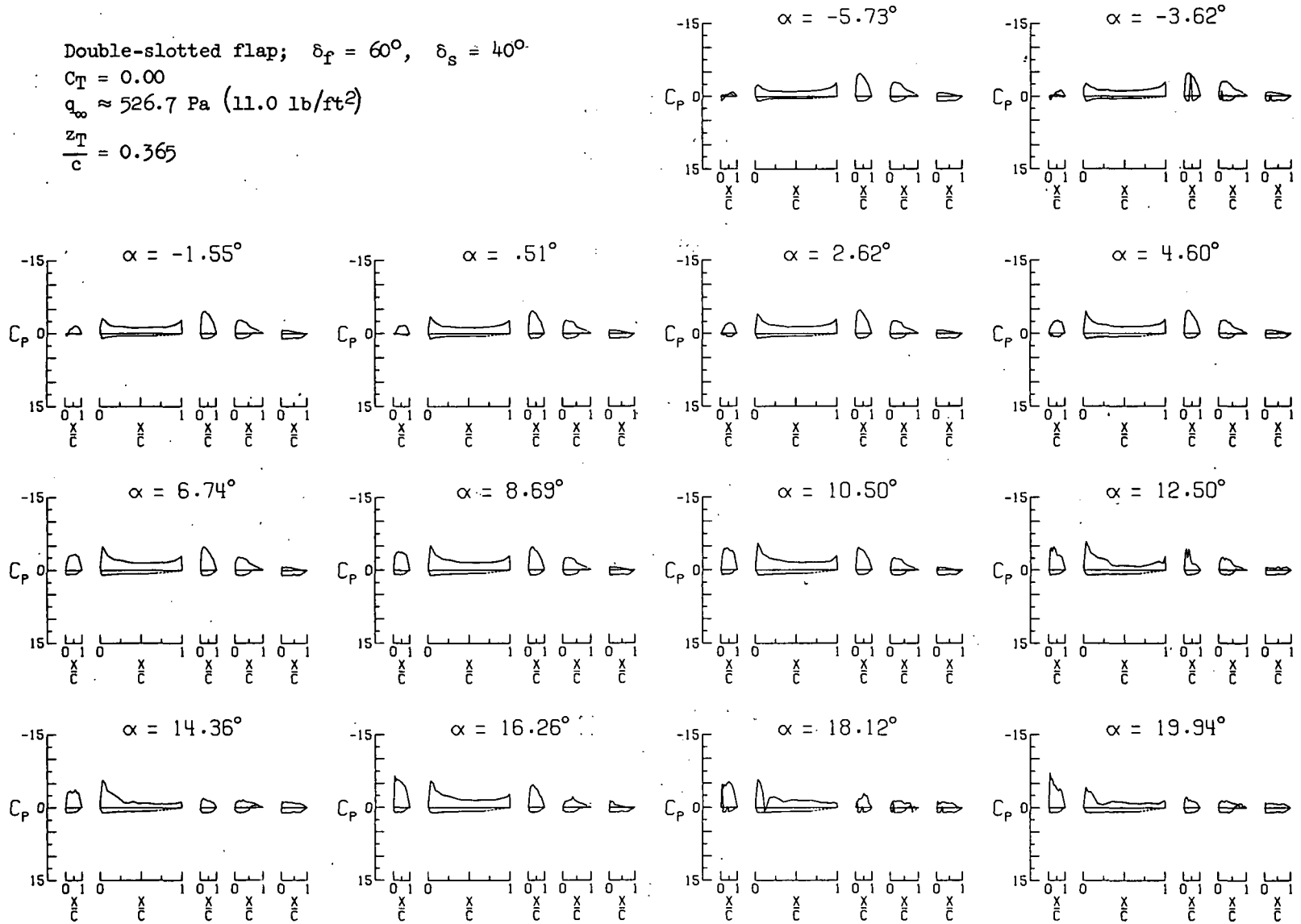
The pressure measurements made on the wing with the double-slotted flap and the leading-edge slat deflected ($\delta_f = 60^o$ and $\delta_s = 40^o$) are presented in this appendix in coefficient form in graphs and tables. The data are for the long-length pylon and are arranged in order of increasing thrust coefficient.

Double-slotted flap; $\delta_f = 60°$, $\delta_s = 40°$

$C_T = 0.00$

$q_\infty \approx 526.7$ Pa (11.0 lb/ft^2)

$\frac{z_T}{c} = 0.365$



ALPHA = -5.73 DEGREES DYNAMIC PRESSURE = 11.019 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.00	0.000	-1.92	.075	-3.63	.025	-1.90	.025	-.76
.150	.59	.029	-2.46	.150	-4.34	.050	-2.20	.050	-.64
.200	.36	.057	-2.17	.200	-4.50	.075	-2.62	.100	-.76
.300	-.06	.086	-1.70	.300	-4.71	.100	-2.78	.150	-.76
.400	-.29	.114	-1.53	.400	-4.30	.149	-2.98	.200	-.73
.500	-.55	.172	-1.13	.500	-3.93	.200	-2.89	.250	-.76
.600	-.73	.229	-1.16	.600	-3.58	.250	-2.81	.300	-.67
.700	-.92	.286	-1.12	.700	-2.88	.300	-2.76	.400	-.61
.800	-.80	.343	-1.04	.800	-2.33	.350	-2.71	.500	-.50
		.400	-.99			.400	-2.48	.600	-.39
		.458	-1.02			.500	-1.80	.703	-.25
		.571	-1.06			.600	-1.30	.826	-.08
		.686	-1.13			.700	-1.13		
		.801	-1.31			.800	-.85		
		.915	-1.78						
		.967	-2.21						
		.994	-2.86						
				LOWER	SURFACE				
.075	-.32	.029	.84	.075	.52	.025	.58	.025	1.01
.150	-.35	.057	.95	.150	.97	.050	.77	.050	1.01
.200	-.25	.086	.76	.200	1.01	.075	.89	.100	.98
.300	-.38	.114	.69	.300	1.03	.100	.95	.150	.97
.400	-.38	.172	.46	.400	.98	.150	1.03	.200	.95
.500	-.49	.229	.45	.500	.96	.200	1.01	.250	.96
.600	-.47	.286	.40	.600	.90	.250	1.00	.300	.95
.700	-.36	.343	.42	.700	.81	.300	.94	.400	.94
.861	.01	.400	.42	.861	.30	.350	.90	.500	.77
		.458	.41			.400	.80	.600	.90
		.571	.45			.500	.52	.703	.87
		.686	.42			.600	-.03	.756	.85
						.700	-.14		

ALPHA = -3.63 DEGREES DYNAMIC PRESSURE = 10.945 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.84	0.000	-1.77	.075	-3.77	.025	-1.85	.025	-.77
.150	.40	.029	-2.68	.150	-4.50	.050	-2.12	.050	-.64
.200	-.02	.057	-2.26	.200	-4.61	.075	-2.65	.100	-.71
.300	-.06	.086	-1.88	.300	-4.75	.100	-2.80	.150	-.75
.400	-.84	.114	-1.77	.400	-4.21	.149	-2.90	.200	-.77
.500	-.95	.172	-1.25	.500	-3.98	.200	-2.89	.250	-.72
.600	-.96	.229	-1.29	.600	-3.64	.250	-2.89	.300	-.62
.700	-1.26	.286	-1.29	.700	-2.83	.300	-2.87	.400	-.58
.800	-1.10	.343	-1.18	.800	-2.33	.350	-2.62	.500	-.45
		.400	-1.06			.400	-2.48	.600	-.40
		.458	-1.08			.500	-1.77	.703	-.22
		.571	-1.11			.600	-1.27	.826	-.04
		.686	-1.20			.700	-1.15		
		.801	-1.37			.800	-.82		
		.915	-1.80						
		.967	-2.31						
		.994	-2.97						
				LOWER	SURFACE				
.075	-.17	.029	1.04	.075	.56	.025	.60	.025	1.05
.150	-.28	.057	.94	.150	.97	.050	.83	.050	1.01
.200	-.19	.086	.80	.200	1.05	.075	.90	.100	1.03
.300	-.21	.114	.63	.300	1.03	.100	-1.04	.150	.99
.400	-.48	.172	.53	.400	-4.59	.150	1.07	.200	-.32
.500	-.29	.229	.49	.500	.99	.200	1.05	.250	.99
.600	-.31	.286	.46	.600	.92	.250	.99	.300	.97
.700	-.15	.343	.44	.700	.80	.300	.91	.400	.95
.861	.21	.400	.47	.861	.28	.350	.89	.500	.73
		.458	.48			.400	.86	.600	.89
		.571	.41			.500	.59	.703	.93
		.686	.47			.600	-.03	.756	.90
						.700	-.14		

ALPHA = -1.56 DEGREES DYNAMIC PRESSURE = 10.918 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.60	0.000	-1.34	.075	-3.67	.025	-1.76	.025	-.85
.150	-.06	.029	-1.15	.150	-4.33	.050	-2.11	.050	-.63
.200	-.30	.057	-2.66	.200	-4.53	.075	-2.56	.100	-.71
.300	-.93	.086	-2.14	.300	-4.71	.100	-2.67	.150	-.65
.400	-.93	.114	-1.76	.400	-4.21	.149	-2.78	.200	-.72
.500	-1.39	.172	-1.50	.500	-4.03	.200	-2.81	.250	-.62
.600	-1.60	.229	-1.48	.600	-3.44	.250	-2.70	.300	-.60
.700	-1.45	.286	-1.42	.700	-2.91	.300	-2.53	.400	-.53
.800	-1.31	.343	-1.29	.800	-2.34	.350	-2.36	.500	-.38
		.400	-1.17			.400	-2.33	.600	-.25
		.458	-1.17			.500	-1.56	.703	-.22
		.571	-1.20			.600	-1.21	.826	-.03
		.686	-1.33			.700	-1.00		
		.801	-1.36			.800	-.72		
		.915	-1.84						
		.967	-2.29						
		.994	-2.87						
				LOWER	SURFACE				
.075	.04	.029	1.00	.075	.63	.025	.55	.025	1.01
.150	-.01	.057	.88	.150	.97	.050	.75	.050	1.01
.200	.06	.086	.74	.200	1.01	.075	.92	.100	.97
.300	.09	.114	.70	.300	1.06	.100	.99	.150	1.03
.400	-.11	.172	.58	.400	1.01	.150	1.03	.200	.99
.500	-.02	.229	.50	.500	.96	.200	.95	.250	.97
.600	.02	.286	.47	.600	.83	.250	1.00	.300	.89
.700	.11	.343	.49	.700	.80	.300	.93	.400	.96
.861	.16	.400	.44	.861	.30	.350	.89	.500	.77
		.458	.51			.400	.80	.600	.90
		.571	.48			.500	.55	.703	.88
		.686	.46			.600	-.09	.756	.88
						.700	-.15		

ALPHA = .52 DEGREES DYNAMIC PRESSURE = 10.957 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.29	0.000	-.82	.075	-3.72	.025	-1.66	.025	-.81
.150	-.33	.029	-3.66	.150	-4.16	.050	-2.11	.050	-.60
.200	-.61	.057	-2.75	.200	-4.55	.075	-2.49	.100	-.61
.300	-1.33	.086	-2.31	.300	-4.77	.100	-2.62	.150	-.64
.400	-1.56	.114	-2.10	.400	-4.32	.149	-2.72	.200	-.65
.500	-1.69	.172	-1.56	.500	-4.06	.200	-2.59	.250	-.57
.600	-1.67	.229	-1.59	.600	-3.40	.250	-2.45	.300	-.55
.700	-1.79	.286	-1.44	.700	-2.85	.300	-2.48	.400	-.50
.800	-1.52	.343	-1.35	.800	-2.33	.350	-2.43	.500	-.37
		.400	-1.25			.400	-2.29	.600	-.27
		.458	-1.28			.500	-1.38	.703	-.16
		.571	-1.21			.600	-1.15	.826	.05
		.686	-1.35			.700	-.94		
		.801	-1.48			.800	-.70		
		.915	-1.92						
		.967	-2.31						
		.994	-2.77						
				LOWER	SURFACE				
.075	.17	.029	1.08	.075	.56	.025	.58	.025	.99
.150	.13	.057	.93	.150	.96	.050	.81	.050	1.00
.200	.08	.086	.79	.200	1.04	.075	.88	.100	1.01
.300	.10	.114	.75	.300	1.02	.100	.99	.150	.99
.400	.10	.172	.68	.400	1.01	.150	1.02	.200	1.00
.500	.05	.229	.59	.500	.94	.200	1.07	.250	.96
.600	.22	.286	.53	.600	.93	.250	1.03	.300	.99
.700	.24	.343	.57	.700	.81	.300	.97	.400	.96
.861	.35	.400	.54	.861	.33	.350	.90	.500	.80
		.458	.51			.400	.87	.600	.91
		.571	.50			.500	.62	.703	.92
		.686	.55			.600	-.01	.756	.90
						.700	-.08		

ALPHA = 2.62 DEGREES DYNAMIC PRESSURE = 10.934 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.23	0.000	-.58	.075	-3.68	.025	-1.65	.025	-.79
.150	-.85	.029	-4.17	.150	-4.41	.050	-2.09	.050	-.60
.200	-.99	.057	-3.47	.200	-4.66	.075	-2.48	.100	-.60
.300	-1.72	.086	-2.63	.300	-4.88	.100	-2.54	.150	-.67
.400	-1.90	.114	-2.41	.400	-4.37	.149	-2.60	.200	-.65
.500	-2.17	.172	-1.89	.500	-3.91	.200	-2.65	.250	-.62
.600	-2.19	.229	-1.80	.600	-3.43	.250	-2.56	.300	-.55
.700	-2.05	.286	-1.62	.700	-2.85	.300	-2.35	.400	-.43
.800	-1.71	.343	-1.52	.800	-2.22	.350	-2.28	.500	-.36
		.400	-1.32			.400	-2.28	.600	-.25
		.458	-1.37			.500	-1.38	.703	-.15
		.571	-1.37			.600	-1.17	.826	.02
		.686	-1.43			.700	-.96		
		.801	-1.56			.800	-.68		
		.915	-1.97						
		.967	-2.41						
		.994	-2.96						
				LOWER	SURFACE				
.075	.26	.029	.98	.075	.56	.025	.58	.025	1.00
.150	.28	.057	.88	.150	.96	.050	.74	.050	1.01
.200	.33	.086	.81	.200	.99	.075	.88	.100	.99
.300	.24	.114	.78	.300	1.04	.100	.94	.150	1.01
.400	.63	.172	.67	.400	.99	.150	1.02	.200	.98
.500	.64	.229	.60	.500	.96	.200	1.05	.250	.97
.600	.67	.286	.59	.600	.92	.250	1.02	.300	.99
.700	.64	.343	.56	.700	.80	.300	.96	.400	.96
.861	.23	.400	.55	.861	.30	.350	.96	.500	.78
		.458	.53			.400	.90	.600	.94
		.571	.55			.500	.66	.703	.94
		.686	.53			.600	.01	.756	.92
						.700	-.07		

ALPHA = 4.61 DEGREES DYNAMIC PRESSURE = 10.909 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.09	0.000	-.50	.075	-3.62	.025	-1.74	.025	-.76
.150	-1.57	.029	-4.59	.150	-4.36	.050	-2.03	.050	-.56
.200	-1.71	.057	-3.39	.200	-4.57	.075	-2.52	.100	-.61
.300	-2.35	.086	-2.84	.300	-4.77	.100	-2.48	.150	-.62
.400	-2.54	.114	-2.44	.400	-4.36	.149	-2.59	.200	-.61
.500	-2.61	.172	-1.94	.500	-3.80	.200	-2.68	.250	-.57
.600	-2.67	.229	-1.85	.600	-3.44	.250	-2.53	.300	-.53
.700	-2.34	.286	-1.71	.700	-2.80	.300	-2.29	.400	-.49
.800	-2.44	.343	-1.54	.800	-2.26	.350	-2.22	.500	-.34
		.400	-1.44			.400	-2.21	.600	-.25
		.458	-1.33			.500	-1.43	.703	-.13
		.571	-1.38			.600	-1.11	.826	.13
		.686	-1.37			.700	-.91		
		.801	-1.55			.800	-.63		
		.915	-1.91						
		.967	-2.31						
		.994	-2.87						
				LOWER	SURFACE				
.075	.31	.029	1.01	.075	.60	.025	.53	.025	1.02
.150	.63	.057	.99	.150	.94	.050	.79	.050	.99
.200	.29	.086	.93	.200	1.03	.075	.89	.100	1.03
.300	.62	.114	.89	.300	1.03	.100	.98	.150	1.01
.400	.62	.172	.78	.400	1.03	.150	1.02	.200	1.03
.500	.62	.229	.72	.500	.93	.200	1.05	.250	.95
.600	.71	.286	.70	.600	.93	.250	1.01	.300	.99
.700	.61	.343	.68	.700	.82	.300	1.02	.400	.97
.861	.20	.400	.70	.861	.35	.350	.97	.500	.83
		.458	.63			.400	.90	.600	.95
		.571	.62			.500	.68	.703	.94
		.686	.65			.600	.05	.756	.91
						.700	-.04		

ALPHA = 6.75 DEGREES DYNAMIC PRESSURE = 11.048 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.74	0.000	-.76	.075	-3.70	.025	-1.70	.025	-.84
.150	-2.23	.029	-4.93	.150	-4.46	.050	-1.98	.050	-.52
.200	-2.80	.057	-3.96	.200	-4.79	.075	-2.31	.100	-.57
.300	-2.97	.086	-3.08	.300	-4.71	.100	-2.55	.150	-.62
.400	-3.03	.114	-2.71	.400	-4.33	.149	-2.68	.200	-.64
.500	-3.11	.172	-2.16	.500	-3.83	.200	-2.52	.250	-.57
.600	-3.27	.229	-2.06	.600	-3.39	.250	-2.48	.300	-.52
.700	-2.88	.286	-1.87	.700	-2.72	.300	-2.47	.400	-.52
.800	-2.76	.343	-1.66	.800	-2.21	.350	-2.21	.500	-.33
		.400	-1.51			.400	-2.28	.600	-.23
		.458	-1.48			.500	-1.45	.703	-.15
		.571	-1.46			.600	-1.16	.826	.03
		.686	-1.47			.700	-.89		
		.801	-1.61			.800	-.59		
		.915	-1.95						
		.967	-2.50						
		.994	-2.97						
				LOWER	SURFACE				
.075	.91	.029	.97	.075	.56	.025	.58	.025	.96
.150	.81	.057	.98	.150	.99	.050	.74	.050	1.04
.200	.81	.086	.91	.200	1.02	.075	.88	.100	1.02
.300	.80	.114	.87	.300	1.04	.100	.94	.150	.99
.400	.74	.172	.84	.400	.99	.150	1.02	.200	.97
.500	.79	.229	.76	.500	.96	.200	1.02	.250	.98
.600	.80	.286	.70	.600	.91	.250	1.03	.300	.98
.700	.70	.343	.69	.700	.81	.300	.98	.400	.98
.861	.24	.400	.71	.861	.34	.350	.99	.500	.80
		.458	.67			.400	.87	.600	.97
		.571	.70			.500	.68	.703	.90
		.686	.61			.600	.02	.756	.93
						.700	-.08		

ALPHA = 8.69 DEGREES DYNAMIC PRESSURE = 10.998 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.98	0.000	-.76	.075	-3.72	.025	-1.76	.025	-.68
.150	-3.10	.029	-5.18	.150	-4.48	.050	-2.09	.050	-.44
.200	-3.58	.057	-4.22	.200	-4.79	.075	-2.44	.100	-.59
.300	-3.76	.086	-3.21	.300	-4.83	.100	-2.51	.150	-.45
.400	-3.71	.114	-2.93	.400	-4.18	.149	-2.50	.200	-.54
.500	-3.79	.172	-2.28	.500	-4.00	.200	-2.60	.250	-.49
.600	-3.58	.229	-2.15	.600	-3.56	.250	-2.40	.300	-.43
.700	-3.38	.286	-2.04	.700	-2.83	.300	-2.50	.400	-.40
.800	-3.16	.343	-1.78	.800	-2.26	.350	-2.26	.500	-.29
		.400	-1.63			.400	-2.28	.600	-.14
		.458	-1.58			.500	-1.38	.703	-.10
		.571	-1.54			.600	-1.15	.826	.20
		.686	-1.58			.700	-.89		
		.801	-1.60			.800	-.64		
		.915	-2.01						
		.967	-2.52						
		.994	-2.99						
				LOWER	SURFACE				
.075	.94	.029	1.01	.075	.57	.025	.56	.025	.98
.150	.87	.057	1.00	.150	1.00	.050	.74	.050	1.08
.200	.83	.086	.97	.200	1.02	.075	.88	.100	1.02
.300	.92	.114	.98	.300	1.06	.100	.93	.150	1.04
.400	.81	.172	.84	.400	1.00	.150	1.00	.200	.99
.500	.79	.229	.81	.500	.97	.200	1.02	.250	.99
.600	.77	.286	.80	.600	.92	.250	1.03	.300	.97
.700	.69	.343	.73	.700	.80	.300	1.00	.400	.97
.861	.20	.400	.70	.861	.35	.350	.94	.500	.84
		.458	.71			.400	.90	.600	.92
		.571	.64			.500	.73	.703	.92
		.686	.63			.600	.05	.756	.96
						.700	-.03		

ALPHA = 10.51 DEGREES DYNAMIC PRESSURE = 10.958 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.95	0.000	-.98	.075	-3.70	.025	-1.56	.025	-.68
.150	-3.83	.029	-5.66	.150	-4.58	.050	-1.97	.050	-.35
.200	-4.43	.057	-4.65	.200	-4.74	.075	-2.45	.100	-.41
.300	-4.34	.086	-3.43	.300	-4.33	.100	-2.49	.150	-.56
.400	-4.61	.114	-3.17	.400	-4.12	.149	-2.69	.200	-.50
.500	-4.15	.172	-2.47	.500	-3.94	.200	-2.36	.250	-.44
.600	-3.97	.229	-2.25	.600	-3.43	.250	-2.42	.300	-.46
.700	-3.99	.286	-2.11	.700	-2.78	.300	-2.41	.400	-.37
.800	-3.60	.343	-1.91	.800	-2.27	.350	-2.21	.500	-.22
		.400	-1.70			.400	-2.24	.600	-.20
		.458	-1.66			.500	-1.38	.703	.09
		.571	-1.57			.600	-1.03	.826	.18
		.686	-1.61			.700	-.78		
		.801	-1.62			.800	-.56		
		.915	-1.81						
		.967	-2.48						
		.994	-3.07						
				LOWER	SURFACE				
.075	.97	.029	.96	.075	.54	.025	.56	.025	.96
.150	.95	.057	.98	.150	.99	.050	.75	.050	1.04
.200	.89	.086	1.00	.200	1.01	.075	.91	.100	1.01
.300	.87	.114	.95	.300	1.05	.100	.98	.150	1.03
.400	.86	.172	.94	.400	1.01	.150	1.03	.200	1.00
.500	.84	.229	.83	.500	.96	.200	1.03	.250	1.01
.600	.79	.286	.80	.600	.91	.250	1.06	.300	.97
.700	.67	.343	.77	.700	.81	.300	.99	.400	.99
.861	.09	.400	.76	.861	.32	.350	1.00	.500	.80
		.458	.75			.400	.94	.600	.96
		.571	.70			.500	.76	.703	.91
		.686	.68			.600	.07	.756	.95
						.700	.12		

ALPHA = 12.50 DEGREES DYNAMIC PRESSURE = 10.964 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.35	0.000	-1.10	.075	-3.64	.025	-1.56	.025	-.71
.150	-4.67	.029	-5.88	.150	-4.39	.050	-1.97	.050	-.30
.200	-3.87	.057	-4.87	.200	-2.56	.075	-2.37	.100	-.55
.300	-4.80	.086	-3.56	.300	-4.33	.100	-2.52	.150	-.49
.400	-4.22	.114	-3.31	.400	-2.17	.149	-2.66	.200	-.43
.500	-2.96	.172	-2.56	.500	-1.29	.200	-2.03	.250	-.49
.600	-3.14	.229	-2.40	.600	-1.38	.250	-2.43	.300	-.38
.700	-2.92	.286	-2.09	.700	-1.22	.300	-2.21	.400	-.33
.800	-2.66	.343	-1.07	.800	-.91	.350	-2.26	.500	-.77
		.400	-.90			.400	-2.12	.600	-.24
		.458	-1.01			.500	-1.26	.703	-.55
		.571	-.92			.600	-.83	.826	-.65
		.686	-.74			.700	-.81		
		.801	-1.15			.800	-.52		
		.915	-1.88						
		.967	-1.42						
		.994	-2.94						
				LOWER	SURFACE				
.075	1.07	.029	.96	.075	.61	.025	.52	.025	1.02
.150	.98	.057	1.01	.150	.97	.050	.72	.050	1.01
.200	.94	.086	1.01	.200	1.01	.075	.85	.100	1.01
.300	.91	.114	.98	.300	1.03	.100	.91	.150	1.01
.400	.87	.172	.96	.400	.97	.150	.99	.200	.98
.500	.84	.229	.89	.500	.93	.200	1.04	.250	.97
.600	.82	.286	.85	.600	.92	.250	.98	.300	1.01
.703	.66	.343	.80	.700	.79	.300	.93	.400	.95
.861	.32	.400	.80	.861	.58	.350	.92	.500	.78
		.458	.81			.400	.85	.600	.90
		.571	.74			.500	.55	.703	.88
		.686	.73			.600	-.30	.756	.85
						.700	-.20		

ALPHA = 14.36 DEGREES DYNAMIC PRESSURE = 10.969 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.37	0.000	-1.19	.075	-1.45	.025	-1.03	.025	-1.44
.150	-3.29	.029	-5.69	.150	-1.79	.050	-1.23	.050	-.90
.200	-3.22	.057	-5.14	.200	-1.94	.075	-1.08	.100	-1.21
.300	-3.49	.086	-3.58	.300	-1.71	.100	-1.29	.150	-1.21
.400	-3.07	.114	-3.31	.400	-1.48	.149	-1.51	.200	-1.24
.500	-3.21	.172	-2.65	.500	-1.31	.200	-1.32	.250	-1.03
.600	-3.79	.229	-2.00	.600	-1.47	.250	-1.33	.300	-1.10
.700	-4.06	.286	-1.06	.700	-1.08	.300	-1.67	.400	-1.14
.800	-3.07	.343	-.94	.800	-1.11	.350	-1.32	.500	-.92
		.400	-1.26			.400	-1.21	.600	-.86
		.458	-.86			.500	-1.13	.703	-.85
		.571	-.94			.600	-.98	.826	-.62
		.686	-.69			.700	-.90		
		.801	-.77			.800	-.58		
		.915	-.85						
		.967	-1.09						
		.994	-1.22						
				LOWER	SURFACE				
.075	1.03	.029	.97	.075	.60	.025	.54	.025	1.00
.150	.97	.057	1.00	.150	1.00	.050	.72	.050	1.04
.200	.99	.086	.97	.200	1.00	.075	.82	.100	1.01
.300	.92	.114	.94	.300	1.01	.100	.88	.150	1.00
.400	.89	.172	.88	.400	.98	.150	1.02	.200	.97
.500	.87	.229	.84	.500	.97	.200	1.05	.250	1.01
.600	.84	.286	.82	.600	.95	.250	1.00	.300	.99
.700	.78	.343	.73	.700	.90	.300	.94	.400	.96
.861	.36	.400	.77	.861	.61	.350	.94	.500	.77
		.458	.74			.400	.83	.600	.92
		.571	.71			.500	.61	.703	.89
		.686	.64			.600	-.37	.756	.92
						.700	-.45		

ALPHA = 16.27 DEGREES DYNAMIC PRESSURE = 10.942 LBF/SQ.FT.

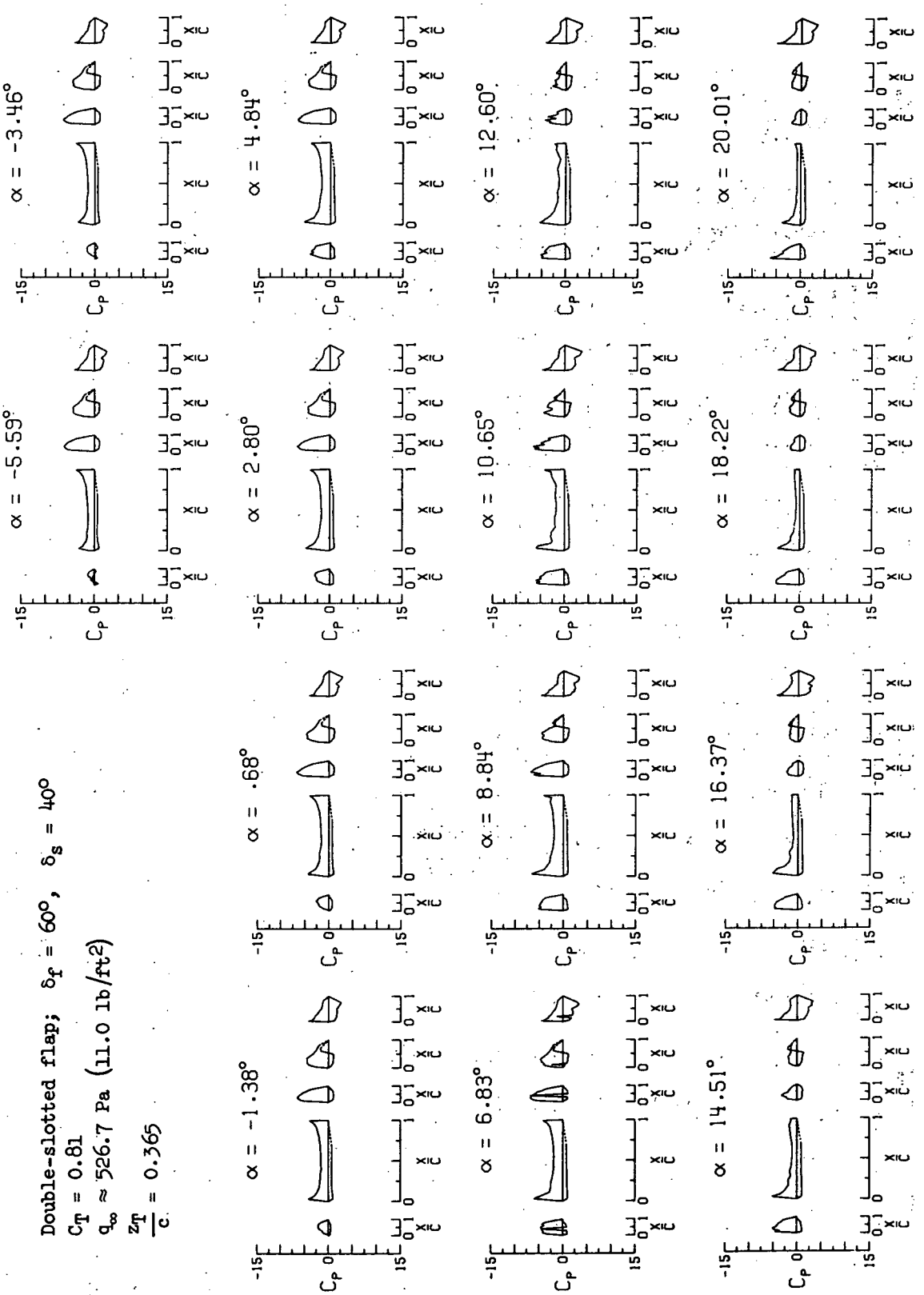
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.59	0.000	-1.27	.075	-3.01	.025	-.77	.025	-1.45
.150	-5.49	.029	-5.56	.150	-4.33	.050	-.78	.050	-.99
.200	-5.89	.057	-5.13	.200	-4.43	.075	-1.31	.100	-1.28
.300	-5.68	.086	-3.58	.300	-4.77	.100	-1.19	.150	-1.20
.400	-5.56	.114	-3.39	.400	-4.06	.149	-1.34	.200	-.63
.500	-5.30	.172	-2.66	.500	-3.88	.200	-1.42	.250	-.46
.600	-4.80	.229	-2.48	.600	-3.40	.250	-1.56	.300	-.47
.700	-4.51	.286	-2.23	.700	-2.40	.300	-1.60	.400	-.33
.800	-3.47	.343	-1.92	.800	-2.13	.350	-2.20	.500	-.21
		.400	-1.66			.400	-1.67	.600	-.09
		.458	-1.63			.500	-1.25	.703	.05
		.571	-1.55			.600	-.94	.826	.24
		.686	-1.61			.700	-.83		
		.801	-1.59			.800	-.53		
		.915	-2.01						
		.967	-2.30						
		.994	-2.80						
				LOWER	SURFACE				
.075	.96	.029	.88	.075	.60	.025	.70	.025	.98
.150	1.03	.057	1.04	.150	.99	.050	.72	.050	1.03
.200	.98	.086	1.05	.200	1.00	.075	.83	.100	1.01
.300	.94	.114	1.00	.300	1.02	.100	.94	.150	1.00
.400	.92	.172	.92	.400	1.01	.150	1.01	.200	1.02
.500	.86	.229	.87	.500	.96	.200	1.01	.250	1.00
.600	.79	.286	.82	.600	.90	.250	1.02	.300	.98
.700	.65	.343	.83	.700	.80	.300	.97	.400	.98
.861	-.02	.400	.78	.861	.32	.350	.97	.500	.80
		.458	.77			.400	.97	.600	.93
		.571	.78			.500	.71	.703	.97
		.686	.74			.600	.12	.756	.91
						.700	.04		

ALPHA = 18.13 DEGREES DYNAMIC PRESSURE = 10.981 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.89	0.000	-1.31	.075	-1.23	.025	-.74	.025	-1.34
.150	-3.92	.029	-5.87	.150	-1.31	.050	-.94	.050	-.62
.200	-4.76	.057	-5.13	.200	-1.78	.075	-1.30	.100	-.97
.300	-4.42	.086	-3.31	.300	-1.74	.100	-1.40	.150	-.76
.400	-5.01	.114	.79	.400	-1.88	.149	-1.33	.200	-1.24
.500	-5.37	.172	-2.03	.500	-2.93	.200	-1.27	.250	-1.16
.600	-4.93	.229	-2.21	.600	-2.35	.250	-1.45	.300	-1.12
.700	-4.49	.286	-1.81	.700	-2.38	.300	-1.40	.400	-.90
.800	-3.38	.343	-1.16	.800	-.91	.350	-1.34	.500	-.86
		.400	-1.44			.400	-1.35	.600	-.93
		.458	-1.62			.500	-.83	.703	-.59
		.571	-1.44			.600	-.95	.826	-.02
		.686	-1.49			.700	-1.01		
		.801	-1.06			.800	.88		
		.915	-.93						
		.967	-1.03						
		.994	-.87						
				LOWER	SURFACE				
.075	-4.02	.029	.93	.075	-1.33	.025	.70	.025	.90
.150	1.03	.057	1.00	.150	.97	.050	.81	.050	1.02
.200	1.01	.086	.97	.200	1.01	.075	.95	.100	1.03
.300	.97	.114	1.02	.300	1.03	.100	1.10	.150	1.02
.400	-.22	.172	.95	.400	-.21	.150	1.00	.200	-.22
.500	.87	.229	.91	.500	.96	.200	1.00	.250	.97
.600	.81	.286	.86	.600	.92	.250	1.00	.300	.97
.700	.70	.343	.83	.700	.88	.300	.97	.400	.96
.861	.21	.400	.81	.861	.58	.350	.96	.500	.79
		.458	.80			.400	.97	.600	.94
		.571	.74			.500	.71	.703	.97
		.686	.74			.600	-.01	.756	.89
						.700	-.30		

ALPHA = 19.95 DEGREES DYNAMIC PRESSURE = 10.993 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-7.21	0.000	-.65	.075	-1.81	.025	-1.07	.025	-1.16
.150	-5.73	.029	-4.24	.150	-2.20	.050	-.94	.050	-.71
.200	-6.11	.057	-3.23	.200	-2.19	.075	-1.22	.100	-.88
.300	-4.60	.086	-3.27	.300	-1.33	.100	-1.35	.150	-.93
.400	-4.58	.114	-2.66	.400	-1.64	.149	-1.35	.200	-.97
.500	-3.80	.172	-.86	.500	-1.24	.200	-1.09	.250	-.93
.600	-3.43	.229	-.62	.600	-1.28	.250	-1.33	.300	-.86
.700	-3.94	.286	-.84	.700	-1.17	.300	-1.42	.400	-.82
.800	-3.20	.343	-1.36	.800	-.96	.350	-1.26	.500	-.72
		.400	-1.27			.400	-1.25	.600	-.67
		.458	-1.24			.500	-.98	.703	-.81
		.571	-.91			.600	-.87	.826	-.56
		.686	-.84			.700	-.72		
		.801	-1.01			.800	-.85		
		.915	-.81						
		.967	-1.27						
		.994	-1.49						
				LOWER	SURFACE				
.075	.96	.029	.86	.075	.73	.025	.75	.025	.96
.150	1.02	.057	.95	.150	.99	.050	.86	.050	1.03
.200	1.00	.086	1.00	.200	1.00	.075	.91	.100	1.01
.300	.95	.114	.99	.300	1.00	.100	.97	.150	1.02
.400	.91	.172	.96	.400	.98	.150	.97	.200	.99
.500	.90	.229	.96	.500	.92	.200	.99	.250	.94
.600	.91	.286	.84	.600	.93	.250	.97	.300	.97
.700	.74	.343	.81	.700	.86	.300	.93	.400	.94
.861	.10	.400	.81	.861	.57	.350	.90	.500	.76
		.458	.78			.400	.92	.600	.87
		.571	.75			.500	.57	.703	.94
		.686	.74			.600	-.34	.756	.88
						.700	-.45		


Double-slotted flap; $\delta_f = 60°$, $\delta_s = 40°$
$C_T = 0.81$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.365$
α = -5.59°
α = -3.46°
α = -1.38°
α = .68°
α = 2.80°
α = 4.84°
α = 6.83°
α = 8.84°
α = 10.65°
α = 12.60°
α = 14.51°
α = 16.37°
α = 18.22°
α = 20.01°
C_p
x/c

ALPHA = -5.59 DEGREES DYNAMIC PRESSURE = 10.988 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.88	0.000	-1.09	.075	-5.12	.025	-2.48	.025	-4.19
.150	.56	.029	-3.21	.150	-5.77	.050	-2.83	.050	-3.54
.200	-.05	.057	-2.33	.200	-5.96	.075	-3.62	.100	-3.20
.300	-.77	.086	-2.09	.300	-6.27	.100	-3.92	.150	-3.05
.400	-1.46	.114	-1.73	.400	-5.83	.149	-4.38	.200	-2.91
.500	-1.04	.172	-1.47	.500	-5.63	.200	-4.33	.250	-2.72
.600	-1.40	.229	-1.54	.600	-5.03	.250	-4.34	.300	-2.37
.700	-1.29	.286	-1.34	.700	-4.31	.300	-4.43	.400	-1.97
.800	-1.07	.343	-1.33	.800	-3.49	.350	-4.41	.500	-1.54
		.400	-1.27			.400	-3.97	.600	-1.33
		.458	-1.32			.500	-3.21	.703	-1.22
		.571	-1.40			.600	-2.62	.826	-1.13
		.686	-1.56			.700	-2.32		
		.801	-1.69			.800	-1.94		
		.915	-2.35						
		.967	-2.96						
		.994	-3.76						
				LOWER	SURFACE				
.075	.12	.029	.98	.075	.41	.025	.10	.025	.72
.150	-.01	.057	.93	.150	.89	.050	.42	.050	1.24
.200	-.23	.086	.84	.200	.96	.075	.53	.100	1.32
.300	-.02	.114	.73	.300	1.02	.100	.61	.150	1.57
.400	-.33	.172	.61	.400	1.08	.150	.88	.200	1.60
.500	-.30	.229	.54	.500	1.07	.200	1.02	.250	1.74
.600	-.06	.286	.56	.600	1.08	.250	1.05	.300	1.72
.700	-.02	.343	.58	.700	.93	.300	.96	.400	1.93
.861	.34	.400	.61	.861	.38	.350	1.05	.500	1.38
		.458	.63			.400	1.05	.600	2.10
		.571	.59			.500	1.08	.703	2.47
		.686	.64			.600	-1.70	.756	2.54
						.700	-1.72		

ALPHA = -3.47 DEGREES DYNAMIC PRESSURE = 10.995 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.64	0.000	-.80	.075	-5.21	.025	-2.51	.025	-4.17
.150	-.06	.029	-3.44	.150	-5.88	.050	-2.92	.050	-3.42
.200	-.52	.057	-2.81	.200	-6.11	.075	-3.60	.100	-3.17
.300	-.92	.086	-2.33	.300	-6.48	.100	-4.02	.150	-3.00
.400	-1.46	.114	-2.05	.400	-5.95	.149	-4.47	.200	-2.90
.500	-1.54	.172	-1.67	.500	-5.57	.200	-4.31	.250	-2.62
.600	-1.61	.229	-1.63	.600	-5.01	.250	-4.45	.300	-2.37
.700	-1.52	.286	-1.64	.700	-4.29	.300	-4.50	.400	-1.99
.800	-1.39	.343	-1.53	.800	-3.49	.350	-4.44	.500	-1.54
		.400	-1.33			.400	-4.01	.600	-1.39
		.458	-1.39			.500	-3.24	.703	-1.18
		.571	-1.43			.600	-2.68	.826	-1.11
		.686	-1.60			.700	-2.41		
		.801	-1.84			.800	-1.94		
		.915	-2.44						
		.967	-3.04						
		.994	-3.87						
				LOWER	SURFACE				
.075	.25	.029	1.00	.075	.46	.025	.11	.025	.72
.150	.22	.057	.93	.150	.90	.050	.40	.050	1.32
.200	.20	.086	.88	.200	1.01	.075	.54	.100	1.31
.300	.18	.114	.79	.300	1.06	.100	.63	.150	1.54
.400	.22	.172	.73	.400	1.07	.150	.92	.200	1.69
.500	.06	.229	.60	.500	1.05	.200	.99	.250	1.76
.600	.23	.286	.63	.600	1.03	.250	1.05	.300	1.75
.700	.66	.343	.64	.700	.95	.300	.96	.400	1.89
.861	.35	.400	.61	.861	.40	.350	1.10	.500	1.53
		.458	.60			.400	1.04	.600	2.15
		.571	.65			.500	1.07	.703	2.50
		.686	.69			.600	-1.74	.756	2.51
						.700	-1.63		

ALPHA = -1.39 DEGREES DYNAMIC PRESSURE = 10.988 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.04	0.000	-.57	.075	-5.37	.025	-2.50	.025	-4.16
.150	-.45	.029	-4.17	.150	-5.94	.050	-2.97	.050	-3.48
.200	-1.15	.057	-3.15	.200	-6.21	.075	-3.59	.100	-3.17
.300	-1.29	.086	-2.68	.300	-6.53	.100	-3.94	.150	-2.95
.400	-1.86	.114	-2.33	.400	-6.13	.149	-4.43	.200	-2.82
.500	-2.08	.172	-1.88	.500	-5.66	.200	-4.37	.250	-2.65
.600	-2.06	.229	-1.79	.600	-5.13	.250	-4.41	.300	-2.34
.700	-2.03	.286	-1.70	.700	-4.31	.300	-4.43	.400	-2.00
.800	-1.62	.343	-1.64	.800	-3.55	.350	-4.46	.500	-1.55
		.400	-1.45			.400	-3.98	.600	-1.34
		.458	-1.52			.500	-3.21	.703	-1.24
		.571	-1.56			.600	-2.68	.826	-1.11
		.686	-1.67			.700	-2.34		
		.801	-1.96			.800	-2.03		
		.915	-2.46						
		.967	-3.10						
		.994	-3.95						
				LOWER	SURFACE				
.075	.37	.029	.99	.075	.39	.025	.11	.025	.72
.150	.45	.057	.94	.150	.88	.050	.44	.050	1.30
.200	.31	.086	.92	.200	1.04	.075	.57	.100	1.38
.300	.52	.114	.82	.300	1.03	.100	.68	.150	1.59
.400	.43	.172	.72	.400	1.07	.150	.89	.200	1.67
.500	.60	.229	.69	.500	1.06	.200	1.03	.250	1.74
.600	.46	.286	.68	.600	1.03	.250	1.03	.300	1.74
.700	.51	.343	.67	.700	.95	.300	.97	.400	1.87
.861	.25	.400	.67	.861	.38	.350	1.12	.500	1.67
		.458	.67			.400	1.06	.600	2.09
		.571	.67			.500	1.05	.703	2.48
		.686	.71			.600	-1.59	.756	2.64
						.700	-1.67		

ALPHA = .69 DEGREES DYNAMIC PRESSURE = 10.941 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.30	0.000	-.53	.075	-5.50	.025	-2.50	.025	-4.22
.150	-1.28	.029	-4.34	.150	-6.02	.050	-2.87	.050	-3.38
.200	-1.43	.057	-3.75	.200	-6.44	.075	-3.62	.100	-3.11
.300	-2.03	.086	-2.89	.300	-6.77	.100	-4.00	.150	-2.93
.400	-2.11	.114	-2.57	.400	-6.12	.149	-4.58	.200	-2.90
.500	-2.25	.172	-2.09	.500	-5.74	.200	-4.45	.250	-2.66
.600	-2.67	.229	-1.90	.600	-5.12	.250	-4.51	.300	-2.40
.700	-2.29	.286	-1.99	.700	-4.35	.300	-4.70	.400	-1.98
.800	-2.07	.343	-1.77	.800	-3.54	.350	-4.51	.500	-1.59
		.400	-1.59			.400	-4.07	.600	-1.37
		.458	-1.59			.500	-3.18	.703	-1.20
		.571	-1.68			.600	-2.73	.826	-1.11
		.686	-1.77			.700	-2.37		
		.801	-1.98			.800	-1.97		
		.915	-2.62						
		.967	-3.26						
		.994	-4.00						
				LOWER	SURFACE				
.075	.53	.029	1.01	.075	.35	.025	.12	.025	.70
.150	.54	.057	.97	.150	.91	.050	.43	.050	1.30
.200	.69	.086	.92	.200	.99	.075	.57	.100	1.33
.300	.67	.114	.86	.300	1.04	.100	.63	.150	1.53
.400	.74	.172	.78	.400	1.08	.150	.91	.200	1.68
.500	.75	.229	.74	.500	1.04	.200	1.05	.250	1.75
.600	.72	.286	.71	.600	1.04	.250	1.02	.300	1.77
.700	.63	.343	.70	.700	.96	.300	1.01	.400	2.03
.861	.20	.400	.74	.861	.36	.350	1.14	.500	1.42
		.458	.71			.400	1.12	.600	2.19
		.571	.69			.500	1.04	.703	2.63
		.686	.71			.600	-1.59	.756	2.77
						.700	-1.62		

ALPHA = 2.80 DEGREES DYNAMIC PRESSURE = 10.912 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.54	0.000	-.62	.075	-5.51	.025	-2.52	.025	-4.25
.150	-1.57	.029	-4.99	.150	-6.11	.050	-2.99	.050	-3.56
.200	-2.29	.057	-4.12	.200	-6.46	.075	-3.71	.100	-3.23
.300	-2.77	.086	-3.25	.300	-6.80	.100	-4.10	.150	-3.02
.400	-2.65	.114	-2.95	.400	-6.19	.149	-4.58	.200	-2.96
.500	-2.90	.172	-2.42	.500	-5.92	.200	-4.44	.250	-2.71
.600	-3.12	.229	-2.20	.600	-5.31	.250	-4.48	.300	-2.45
.700	-2.98	.286	-2.07	.700	-4.41	.300	-4.57	.400	-2.07
.800	-2.52	.343	-1.95	.800	-3.67	.350	-4.53	.500	-1.58
		.400	-1.76			.400	-4.09	.600	-1.38
		.458	-1.76			.500	-3.30	.703	-1.23
		.571	-1.80			.600	-2.71	.826	-1.16
		.686	-1.91			.700	-2.40		
		.801	-2.07			.800	-2.01		
		.915	-2.71						
		.967	-3.33						
		.994	-4.14						
				LOWER	SURFACE				
.075	.77	.029	.95	.075	.42	.025	.10	.025	.86
.150	.78	.057	.96	.150	.91	.050	.34	.050	1.33
.200	.78	.086	.92	.200	.97	.075	.50	.100	1.38
.300	.79	.114	.85	.300	1.01	.100	.56	.150	1.63
.400	.81	.172	.80	.400	1.05	.150	.82	.200	1.71
.500	.79	.229	.74	.500	1.02	.200	1.01	.250	2.05
.600	.76	.286	.72	.600	1.05	.250	1.03	.300	1.74
.700	.67	.343	.73	.700	.92	.300	1.00	.400	1.92
.861	.20	.400	.72	.861	.41	.350	1.14	.500	1.61
		.458	.68			.400	1.11	.600	2.18
		.571	.72			.500	1.11	.703	2.86
		.686	.70			.600	-1.63	.756	2.77
						.700	-1.71		

ALPHA = 4.85 DEGREES DYNAMIC PRESSURE = 10.936 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.07	0.000	-.73	.075	-5.63	.025	-2.61	.025	-4.20
.150	-2.70	.029	-5.47	.150	-6.19	.050	-3.07	.050	-3.48
.200	-3.17	.057	-4.43	.200	-6.62	.075	-3.71	.100	-3.25
.300	-4.22	.086	-3.34	.300	-6.70	.100	-4.09	.150	-3.16
.400	-3.50	.114	-3.11	.400	-6.25	.149	-4.53	.200	-2.94
.500	-3.99	.172	-2.55	.500	-5.97	.200	-4.37	.250	-2.75
.600	-3.43	.229	-2.33	.600	-5.30	.250	-4.59	.300	-2.39
.700	-3.20	.286	-2.25	.700	-4.43	.300	-4.64	.400	-2.00
.800	-2.96	.343	-2.09	.800	-3.74	.350	-4.49	.500	-1.59
		.400	-1.86			.400	-4.05	.600	-1.37
		.458	-1.81			.500	-3.24	.703	-1.20
		.571	-1.82			.600	-2.75	.826	-1.18
		.686	-2.03			.700	-2.34		
		.801	-2.13			.800	-2.01		
		.915	-2.73						
		.967	-3.39						
		.994	-4.13						
				LOWER	SURFACE				
.075	.91	.029	.99	.075	.41	.025	.05	.025	.75
.150	.87	.057	1.00	.150	.90	.050	.37	.050	1.34
.200	.84	.086	1.00	.200	1.01	.075	.54	.100	1.43
.300	.78	.114	.90	.300	1.05	.100	.62	.150	1.62
.400	.83	.172	.88	.400	1.08	.150	.86	.200	1.82
.500	.81	.229	.86	.500	1.02	.200	.96	.250	1.99
.600	.77	.286	.81	.600	1.07	.250	1.02	.300	1.89
.700	.67	.343	.82	.700	.98	.300	.94	.400	2.18
.861	.12	.400	.78	.861	.41	.350	1.10	.500	1.71
		.458	.72			.400	1.10	.600	2.55
		.571	.77			.500	1.16	.703	2.91
		.686	.73			.600	-1.92	.756	2.96
						.700	-1.76		

ALPHA = 6.83 DEGREES DYNAMIC PRESSURE = 10.889 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.19	0.000	-.88	.075	-5.55	.025	-2.52	.025	-4.59
.150	-4.24	.029	-6.01	.150	-6.30	.050	-3.10	.050	-3.87
.200	-4.06	.057	-4.81	.200	-6.60	.075	-3.76	.100	-3.61
.300	-4.25	.086	-3.75	.300	-6.74	.100	-4.13	.150	-3.10
.400	-4.43	.114	-2.77	.400	-6.37	.149	-3.94	.200	-3.00
.500	-4.57	.172	-2.54	.500	-5.65	.200	-4.50	.250	-2.62
.600	-3.88	.229	-2.55	.600	-5.41	.250	-4.53	.300	-2.38
.700	-4.30	.286	-2.24	.700	-4.32	.300	-4.71	.400	-2.03
.800	-3.64	.343	-2.15	.800	-3.62	.350	-4.43	.500	-1.60
		.400	-1.92			.400	-3.96	.600	-1.38
		.458	-1.96			.500	-3.25	.703	-1.26
		.571	-1.92			.600	-2.75	.826	-1.10
		.686	-1.98			.700	-2.35		
		.801	-2.23			.800	-2.01		
		.915	-2.75						
		.967	-3.44						
		.994	-4.22						
				LOWER	SURFACE				
.075	.99	.029	.96	.075	.35	.025	.04	.025	.68
.150	.96	.057	.99	.150	.90	.050	.26	.050	1.37
.200	.89	.086	1.02	.200	1.00	.075	.45	.100	1.50
.300	.87	.114	.97	.300	1.04	.100	-2.41	.150	1.78
.400	-4.27	.172	.90	.400	-6.84	.150	.84	.200	-1.36
.500	.84	.229	.91	.500	1.12	.200	.96	.250	2.04
.600	.75	.286	.86	.600	1.04	.250	1.03	.300	2.05
.700	.69	.343	.85	.700	1.01	.300	.97	.400	2.12
.861	.09	.400	.81	.861	.41	.350	1.06	.500	1.84
		.458	.78			.400	1.14	.600	2.91
		.571	.77			.500	1.12	.703	3.32
		.686	.79			.600	-2.09	.756	2.97
						.700	-1.93		

ALPHA = 8.85 DEGREES DYNAMIC PRESSURE = 10.957 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.94	0.000	-1.21	.075	-5.66	.025	-2.41	.025	-4.81
.150	-5.16	.029	-6.63	.150	-6.19	.050	-3.00	.050	-3.93
.200	-4.58	.057	-5.26	.200	-4.85	.075	-3.34	.100	-3.67
.300	-5.11	.086	-3.95	.300	-6.82	.100	-4.20	.150	-3.27
.400	-4.82	.114	-3.65	.400	-6.37	.149	-4.54	.200	-3.17
.500	-4.70	.172	-2.89	.500	-5.98	.200	-4.41	.250	-2.99
.600	-4.40	.229	-2.79	.600	-5.16	.250	-4.05	.300	-2.47
.700	-4.20	.286	-2.49	.700	-4.45	.300	-4.54	.400	-1.98
.800	-3.77	.343	-2.22	.800	-3.66	.350	-4.58	.500	-1.24
		.400	-2.11			.400	-3.97	.600	-1.35
		.458	-2.00			.500	-3.13	.703	-1.24
		.571	-1.94			.600	-1.52	.826	-1.17
		.686	-2.09			.700	-2.31		
		.801	-2.27			.800	-1.78		
		.915	-2.79						
		.967	-2.52						
		.994	-4.16						
				LOWER	SURFACE				
.075	1.02	.029	.91	.075	.41	.025	-.00	.025	.63
.150	1.00	.057	.99	.150	.90	.050	.32	.050	1.44
.200	.95	.086	1.00	.200	.97	.075	.58	.100	1.57
.300	.90	.114	.96	.300	1.02	.100	.36	.150	1.73
.400	.86	.172	.94	.400	1.08	.150	.82	.200	2.36
.500	.80	.229	.91	.500	1.06	.200	.89	.250	2.11
.600	.75	.286	.87	.600	1.00	.250	1.06	.300	2.46
.700	.65	.343	.89	.700	1.00	.300	.95	.400	2.32
.861	.01	.400	.85	.861	.41	.350	1.09	.500	2.05
		.458	.84			.400	1.16	.600	2.97
		.571	.81			.500	1.21	.703	3.23
		.686	.84			.600	-2.05	.756	3.15
						.700	-1.89		

ALPHA = 10.65 DEGREES DYNAMIC PRESSURE = 10.961 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.54	0.000	-1.16	.075	-5.27	.025	-2.07	.025	-4.79
.150	-5.88	.029	-5.96	.150	-6.35	.050	-2.99	.050	-4.15
.200	-5.12	.057	-5.54	.200	-5.35	.075	-3.41	.100	-3.27
.300	-5.92	.086	-3.05	.300	-6.55	.100	-3.34	.150	-2.90
.400	-4.80	.114	-2.57	.400	-4.20	.149	-4.52	.200	-2.74
.500	-5.22	.172	-2.94	.500	-5.03	.200	-3.65	.250	-2.71
.600	-4.54	.229	-2.74	.600	-4.20	.250	-2.70	.300	-2.39
.700	-4.18	.286	-1.90	.700	-3.01	.300	-2.56	.400	-2.09
.800	-3.84	.343	-2.08	.800	-3.47	.350	-3.72	.500	-1.31
		.400	-2.10			.400	-3.58	.600	-1.30
		.458	-1.81			.500	-3.23	.703	-1.19
		.571	-1.73			.600	-1.75	.826	-1.17
		.686	-1.95			.700	-2.19		
		.801	-1.74			.800	-1.04		
		.915	-2.75						
		.967	-2.80						
		.994	-4.28						
				LOWER	SURFACE				
.075	1.00	.029	.86	.075	.57	.025	.22	.025	.69
.150	1.01	.057	.97	.150	.96	.050	.30	.050	1.43
.200	.96	.086	1.01	.200	.96	.075	.60	.100	1.63
.300	.89	.114	1.02	.300	.99	.100	.60	.150	1.83
.400	.88	.172	.99	.400	1.08	.150	.79	.200	2.05
.500	.84	.229	.92	.500	1.09	.200	.96	.250	2.28
.600	.75	.286	.93	.600	1.01	.250	.99	.300	2.05
.700	.66	.343	.87	.700	1.10	.300	.97	.400	2.17
.861	.07	.400	.88	.861	.69	.350	1.11	.500	1.97
		.458	.84			.400	1.11	.600	3.03
		.571	.89			.500	1.40	.703	3.36
		.686	.79			.600	-2.09	.756	3.52
						.700	-1.67		

ALPHA = 12.60 DEGREES DYNAMIC PRESSURE = 10.987 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.94	0.000	-.93	.075	-2.45	.025	-.98	.025	-4.32
.150	-5.04	.029	-5.43	.150	-3.48	.050	-1.28	.050	-3.63
.200	-4.66	.057	-4.49	.200	-3.17	.075	-1.29	.100	-3.37
.300	-5.21	.086	-3.89	.300	-4.40	.100	-1.92	.150	-2.90
.400	-3.82	.114	-3.13	.400	-1.99	.149	-2.81	.200	-2.83
.500	-4.40	.172	-2.36	.500	-3.81	.200	-1.78	.250	-2.54
.600	-4.02	.229	-2.03	.600	-2.08	.250	-2.22	.300	-2.08
.700	-3.68	.286	-1.62	.700	-1.58	.300	-2.00	.400	-1.55
.800	-3.33	.343	-1.58	.800	-1.85	.350	-2.31	.500	-1.31
		.400	-1.71			.400	-1.60	.600	-1.18
		.458	-1.38			.500	-1.37	.703	-1.18
		.571	-1.34			.600	-1.24	.826	-1.28
		.686	-1.70			.700	-1.29		
		.801	-1.04			.800	-1.09		
		.915	-1.99						
		.967	-1.76						
		.994	-2.37						
				LOWER	SURFACE				
.075	1.04	.029	.87	.075	.57	.025	.26	.025	.61
.150	1.03	.057	.97	.150	.94	.050	.40	.050	1.43
.200	1.00	.086	1.00	.200	1.00	.075	.51	.100	1.69
.300	.97	.114	1.02	.300	1.10	.100	.62	.150	2.03
.400	.92	.172	.95	.400	1.12	.150	.87	.200	1.96
.500	.87	.229	.95	.500	1.14	.200	1.00	.250	2.24
.600	.82	.286	.92	.600	1.12	.250	1.03	.300	2.14
.700	.71	.343	.83	.700	1.08	.300	.97	.400	2.23
.861	.17	.400	.87	.861	.89	.350	1.12	.500	1.99
		.458	.85			.400	1.09	.600	3.05
		.571	.86			.500	1.26	.703	3.28
		.686	.89			.600	-2.05	.756	3.26
						.700	-1.48		

ALPHA = 14.52 DEGREES DYNAMIC PRESSURE = 10.975 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.62	0.000	-.71	.075	-1.93	.025	-.93	.025	-4.93
.150	-3.64	.029	-5.24	.150	-2.17	.050	-1.02	.050	-3.54
.200	-4.77	.057	-3.60	.200	-2.19	.075	-1.41	.100	-3.39
.300	-5.12	.086	-2.87	.300	-3.29	.100	-1.67	.150	-3.07
.400	-4.31	.114	-2.44	.400	-2.78	.149	-1.72	.200	-2.86
.500	-4.13	.172	-1.77	.500	-1.91	.200	-1.68	.250	-2.70
.600	-3.81	.229	-1.85	.600	-1.67	.250	-1.67	.300	-2.10
.700	-3.21	.286	-1.30	.700	-1.48	.300	-1.81	.400	-1.65
.800	-2.92	.343	-1.54	.800	-1.21	.350	-1.88	.500	-1.43
		.400	-1.23			.400	-1.58	.600	-1.32
		.458	-1.14			.500	-1.32	.703	-1.41
		.571	-.99			.600	-1.31	.826	-1.49
		.686	-1.07			.700	-1.32		
		.801	-1.37			.800	-1.10		
		.915	-1.60						
		.967	-1.23						
		.994	-1.41						
				LOWER	SURFACE				
.075	1.00	.029	.89	.075	.66	.025	.39	.025	.62
.150	1.03	.057	.96	.150	.98	.050	.57	.050	1.50
.200	.97	.086	1.02	.200	.99	.075	.64	.100	1.52
.300	.92	.114	1.00	.300	1.04	.100	.67	.150	1.80
.400	.90	.172	.97	.400	1.06	.150	.88	.200	1.95
.500	.83	.229	.96	.500	1.04	.200	.98	.250	2.05
.600	.78	.286	.91	.600	1.14	.250	1.01	.300	2.23
.700	.70	.343	.88	.730	1.12	.300	.97	.400	2.41
.861	.06	.400	.88	.861	.86	.350	1.10	.500	2.31
		.458	.86			.400	1.08	.600	3.09
		.571	.85			.500	1.36	.703	3.02
		.686	.84			.600	-2.04	.756	3.35
						.700	-1.79		

ALPHA = 16.37 DEGREES DYNAMIC PRESSURE = 10.949 LBF/SQ.FT.

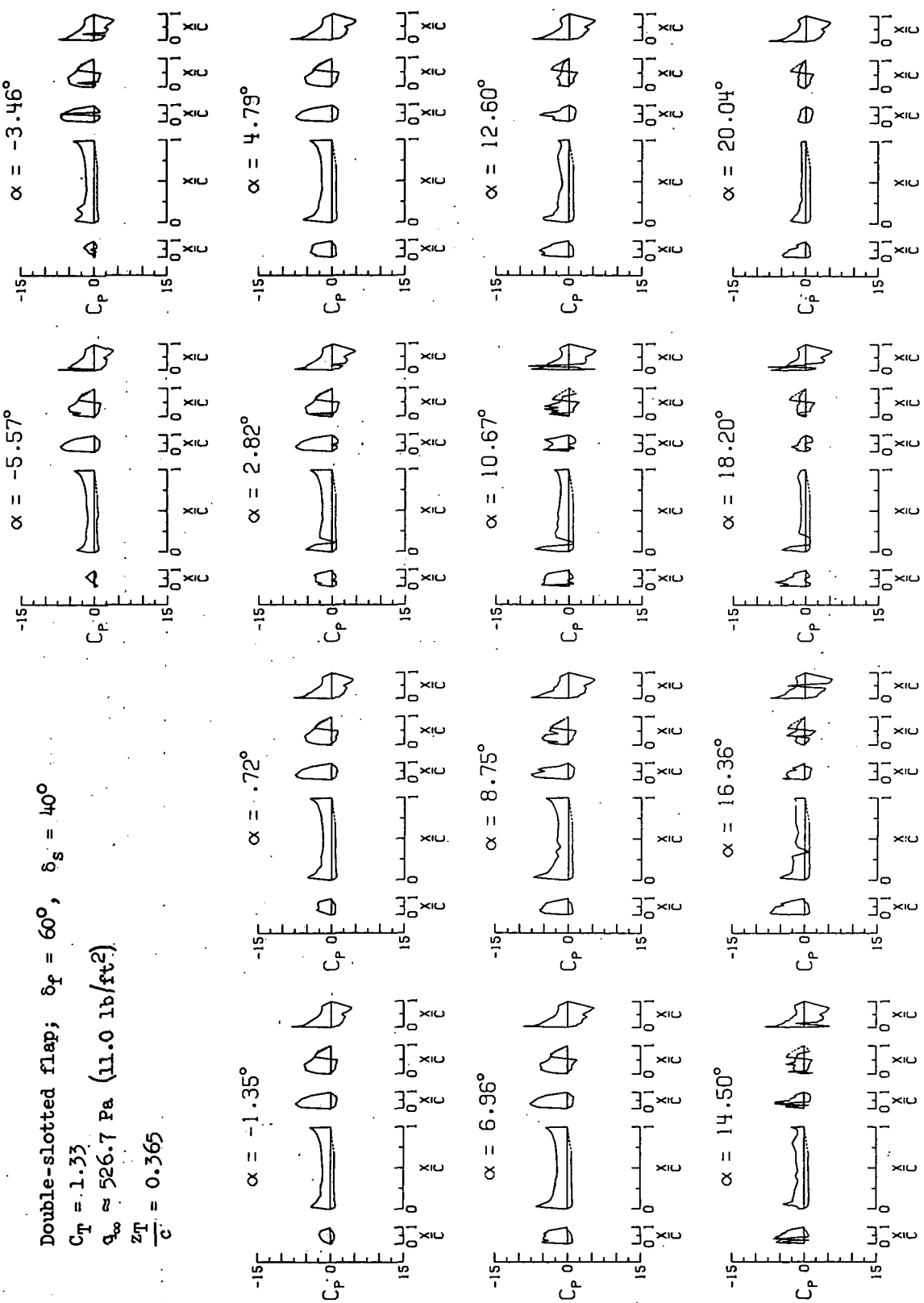
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.84	0.000	-.73	.075	-1.84	.025	-.89	.025	-4.57
.150	-4.53	.029	-5.27	.150	-2.06	.050	-.96	.050	-3.89
.200	-4.77	.057	-4.74	.200	-2.09	.075	-1.35	.100	-3.35
.300	-4.87	.086	-4.29	.300	-2.40	.100	-1.51	.150	-3.16
.400	-4.56	.114	-2.73	.400	-2.02	.149	-1.71	.200	-2.75
.500	-4.40	.172	-1.75	.500	-1.97	.200	-1.64	.250	-2.46
.600	-3.67	.229	-1.41	.600	-1.42	.250	-1.82	.300	-2.18
.700	-3.05	.286	-1.80	.700	-1.04	.300	-1.51	.400	-1.73
.800	-2.96	.343	-1.08	.800	-1.11	.350	-1.79	.500	-1.39
		.400	-1.00			.400	-1.60	.600	-1.30
		.458	-.85			.500	-1.47	.703	-1.34
		.571	-.92			.600	-1.37	.826	-1.64
		.686	-1.10			.700	-1.31		
		.801	-1.15			.800	-1.02		
		.915	-1.22						
		.967	-1.16						
		.994	-1.32						
				LOWER	SURFACE				
.075	.92	.029	.92	.075	.59	.025	.24	.025	.55
.150	.95	.057	1.04	.150	.89	.050	.46	.050	1.46
.200	.98	.086	.99	.200	1.01	.075	.34	.100	1.75
.300	.95	.114	1.00	.300	1.04	.100	.52	.150	2.33
.400	.90	.172	1.02	.400	1.10	.150	.77	.200	2.35
.500	.84	.229	.97	.500	1.15	.200	.95	.250	2.51
.600	.79	.286	.93	.600	1.06	.250	.99	.300	2.22
.700	.63	.343	.94	.700	1.07	.300	1.00	.400	2.84
.861	.23	.400	.92	.861	.91	.350	1.12	.500	1.90
		.458	.87			.400	1.13	.600	2.76
		.571	.85			.500	1.24	.703	3.22
		.686	.87			.600	-2.11	.756	3.15
						.700	-1.66		

ALPHA = 18.22 DEGREES DYNAMIC PRESSURE = 10.956 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.88	0.000	-.93	.075	-1.80	.025	-.88	.025	-4.59
.150	-4.76	.029	-4.57	.150	-1.83	.050	-.85	.050	-4.17
.200	-4.84	.057	-3.51	.200	-1.79	.075	-1.28	.100	-3.36
.300	-4.76	.086	-2.49	.300	-1.88	.100	-1.54	.150	-3.14
.400	-4.25	.114	-1.89	.400	-1.66	.149	-1.91	.200	-2.98
.500	-3.73	.172	-1.75	.500	-1.36	.200	-2.11	.250	-2.61
.600	-3.07	.229	-1.22	.600	-1.08	.250	-1.88	.300	-2.29
.700	-2.84	.286	-1.18	.700	-1.16	.300	-2.11	.400	-1.63
.800	-2.48	.343	-1.06	.800	-1.04	.350	-2.10	.500	-1.30
		.400	-.80			.400	-1.77	.600	-1.30
		.458	-.82			.500	-1.31	.703	-1.27
		.571	-.69			.600	-1.15	.826	-1.33
		.686	-.81			.700	-1.28		
		.801	-.93			.800	-1.18		
		.915	-1.07						
		.967	-1.01						
		.994	-1.16						
				LOWER	SURFACE				
.075	.93	.029	.86	.075	.66	.025	.25	.025	.71
.150	1.01	.057	.95	.150	.93	.050	.51	.050	1.50
.200	1.00	.086	.98	.200	1.01	.075	.73	.100	1.58
.300	.98	.114	1.02	.300	1.07	.100	.67	.150	1.81
.400	.94	.172	1.00	.400	1.05	.150	.91	.200	2.05
.500	.87	.229	.98	.500	1.05	.200	1.07	.250	2.26
.600	.87	.286	.92	.600	1.18	.250	1.04	.300	2.12
.700	.73	.343	.95	.700	1.12	.300	.97	.400	2.45
.861	.21	.400	.92	.861	.91	.350	1.13	.500	2.20
		.458	.92			.400	1.14	.600	3.10
		.571	.90			.500	1.30	.703	3.18
		.686	.89			.600	-1.79	.756	3.26
						.700	-1.63		

ALPHA = 20.02 DEGREES DYNAMIC PRESSURE = 10.927 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.35	0.000	-.83	.075	-1.70	.025	-.76	.025	-5.12
.150	-5.56	.029	-3.86	.150	-1.94	.050	-.96	.050	-4.03
.200	-4.74	.057	-2.31	.200	-1.84	.075	-1.42	.100	-3.41
.300	-4.24	.086	-2.08	.300	-1.33	.100	-2.00	.150	-3.05
.400	-3.45	.114	-1.54	.400	-1.11	.149	-1.88	.200	-2.86
.500	-3.72	.172	-1.31	.500	-1.28	.200	-1.91	.250	-2.46
.600	-3.01	.229	-1.08	.600	-1.21	.250	-1.84	.300	-2.20
.700	-2.54	.286	-.88	.700	-1.03	.300	-1.99	.400	-1.55
.800	-2.12	.343	-.99	.800	-.89	.350	-1.66	.500	-1.33
		.400	-.78			.400	-1.64	.600	-1.08
		.458	-.77			.500	-1.31	.703	-1.22
		.571	-.76			.600	-1.28	.826	-1.28
		.686	-.78			.700	-1.03		
		.801	-.74			.800	-1.23		
		.915	-.76						
		.967	-1.10						
		.994	-1.31						
				LOWER	SURFACE				
.075	.87	.029	.79	.075	.65	.025	.30	.025	.71
.150	1.01	.057	.92	.150	.93	.050	.43	.050	1.44
.200	1.03	.086	1.00	.200	1.03	.075	.58	.100	1.74
.300	.99	.114	.98	.300	1.09	.100	.50	.150	1.97
.400	.93	.172	.98	.400	1.09	.150	.84	.200	2.19
.500	.89	.229	1.01	.500	1.10	.200	.92	.250	2.27
.600	.88	.286	.95	.600	1.18	.250	1.01	.300	2.21
.700	.77	.343	.95	.700	1.18	.300	.97	.400	2.40
.861	.26	.400	.90	.861	.91	.350	1.15	.500	2.05
		.458	.93			.400	1.10	.600	2.82
		.571	.90			.500	1.34	.703	3.13
		.686	.86			.600	-2.04	.756	3.31
						.700	-1.64		


Double-slotted flap; $\delta_f = 60°$, $\delta_s = 40°$
$C_T = 1.33$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.365$
α = -3.46°
α = -5.57°
α = 4.79°
α = 2.82°
α = 12.60°
α = 10.67°
α = 20.04°
α = 18.20°
α = .72°
α = -1.35°
α = 8.75°
α = 6.96°
α = 16.36°
α = 14.50°
C_p
x/c

ALPHA = -5.57 DEGREES DYNAMIC PRESSURE = 11.016 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.71	0.000	-1.38	.075	-5.74	.025	-2.85	.025	-7.48
.150	.29	.029	-3.62	.150	-6.27	.050	-3.28	.050	-.24
.200	.01	.057	-2.62	.200	-6.58	.075	-4.11	.100	-5.37
.300	-.47	.086	-2.12	.300	-7.00	.100	-4.53	.150	-4.86
.400	-1.10	.114	-1.95	.400	-6.49	.149	-2.81	.200	-4.63
.500	-1.19	.172	-1.62	.500	-6.11	.200	-5.07	.250	-4.19
.600	-1.86	.229	-1.73	.600	-5.53	.250	-5.07	.300	-3.65
.700	-1.30	.286	-1.62	.700	-4.75	.300	-5.36	.400	-2.91
.800	-1.09	.343	-1.39	.800	-3.89	.350	-5.31	.500	-2.24
		.400	-1.29			.400	-4.79	.600	-1.97
		.458	-1.35			.500	-3.91	.703	-1.83
		.571	-1.57			.600	-3.32	.826	-1.82
		.686	-1.62			.700	-3.02		
		.801	-1.94			.800	-2.57		
		.915	-2.61						
		.967	-3.27						
		.994	-4.15						
				LOWER	SURFACE				
.075	-.05	.029	1.00	.075	.33	.025	-.22	.025	.52
.150	.24	.057	.99	.150	.88	.050	.18	.050	1.56
.200	-.02	.086	.87	.200	.97	.075	.37	.100	1.59
.300	-.03	.114	.76	.300	1.06	.100	.39	.150	2.07
.400	-.08	.172	.66	.400	1.11	.150	.79	.200	2.25
.500	-.15	.229	.64	.500	1.10	.200	.95	.250	2.50
.600	.37	.286	.58	.600	1.12	.250	.99	.300	2.47
.700	.40	.343	.60	.700	1.09	.300	.95	.400	2.70
.861	.39	.400	.58	.861	.50	.350	1.10	.500	2.04
		.458	.75			.400	1.17	.600	3.22
		.571	.65			.500	1.34	.703	3.92
		.686	.66			.600	-3.35	.756	3.97
						.700	-3.09		

ALPHA = -3.46 DEGREES DYNAMIC PRESSURE = 10.916 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.21	0.000	-.62	.075	-5.82	.025	-2.76	.025	-7.36
.150	-.27	.029	-3.85	.150	-6.44	.050	-3.42	.050	-6.32
.200	-.00	.057	-3.32	.200	-6.65	.075	-4.23	.100	-5.41
.300	-1.17	.086	-2.54	.300	-6.98	.100	-4.59	.150	-5.13
.400	-1.24	.114	-2.34	.400	-6.55	.149	-5.11	.200	-4.66
.500	-1.51	.172	-3.47	.500	-6.25	.200	-5.12	.250	-4.18
.600	-2.09	.229	-1.95	.600	-5.73	.250	-5.06	.300	-3.68
.700	-1.66	.286	-1.82	.700	-4.93	.300	-5.27	.400	-2.89
.800	-1.37	.343	-1.67	.800	-4.04	.350	-5.29	.500	-2.27
		.400	-1.47			.400	-4.81	.600	-1.93
		.458	-1.54			.500	-3.94	.703	-1.88
		.571	-1.65			.600	-3.36	.826	-1.85
		.686	-1.77			.700	-2.98		
		.801	-2.01			.800	-2.57		
		.915	-2.67						
		.967	-3.31						
		.994	-4.27						
				LOWER	SURFACE				
.075	.28	.029	.98	.075	.34	.025	-.30	.025	.50
.150	.25	.057	.95	.150	.85	.050	.19	.050	1.58
.200	.25	.086	.86	.200	1.03	.075	.36	.100	1.68
.300	.34	.114	.83	.300	1.13	.100	.40	.150	2.11
.400	.45	.172	.65	.400	1.13	.150	-3.42	.200	2.33
.500	-.69	.229	.64	.500	-6.83	.200	.93	.250	-2.28
.600	.65	.286	.62	.600	1.19	.250	.99	.300	2.51
.700	.64	.343	.64	.700	1.08	.300	.97	.400	2.93
.861	.38	.400	.58	.861	.52	.350	1.19	.500	2.09
		.458	.65			.400	1.17	.600	3.20
		.571	.62			.500	1.46	.703	3.87
		.686	.66			.600	-3.43	.756	4.10
						.700	-3.17		

ALPHA = -1.35 DEGREES DYNAMIC PRESSURE = 10.941 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.44	0.000	-.47	.075	-5.96	.025	-2.93	.025	-8.15
.150	-1.42	.029	-4.04	.150	-6.53	.050	-3.40	.050	-6.24
.200	-1.35	.057	-3.48	.200	-6.91	.075	-4.18	.100	-5.40
.300	-1.91	.086	-2.89	.300	-7.23	.100	-4.71	.150	-4.92
.400	-2.01	.114	-2.62	.400	-6.74	.149	-5.27	.200	-4.56
.500	-2.21	.172	-1.93	.500	-6.34	.200	-5.11	.250	-4.17
.600	-2.40	.229	-2.04	.600	-5.89	.250	-5.33	.300	-3.67
.700	-2.02	.286	-1.97	.700	-4.88	.300	-5.43	.430	-2.90
.800	-2.00	.343	-1.70	.800	-4.08	.350	-5.37	.500	-2.25
		.400	-1.63			.400	-4.87	.600	-2.01
		.458	-1.56			.500	-3.95	.703	-1.85
		.571	-1.72			.600	-3.41	.826	-1.84
		.686	-1.83			.700	-3.11		
		.801	-2.12			.800	-2.68		
		.915	-2.76						
		.967	-3.53						
		.994	-4.31						
				LOWER	SURFACE				
.075	.35	.029	1.02	.075	.32	.025	-.27	.025	.51
.150	.28	.057	.97	.150	.90	.050	.06	.050	1.63
.200	.40	.086	.93	.200	1.04	.075	.35	.100	1.74
.300	.65	.114	.80	.300	1.06	.100	.34	.150	2.13
.400	.76	.172	.81	.400	1.13	.150	.77	.200	2.40
.500	.66	.229	.70	.500	1.23	.200	.90	.250	2.56
.600	.73	.286	.71	.600	1.21	.250	1.00	.300	2.58
.700	.67	.343	.66	.700	1.21	.300	.92	.400	2.98
.861	.27	.400	.70	.861	.63	.350	1.17	.500	2.13
		.458	.68			.400	1.18	.600	3.37
		.571	.76			.500	1.36	.703	4.09
		.686	.73			.600	-3.32	.756	4.25
						.700	-3.10		

ALPHA = .72 DEGREES DYNAMIC PRESSURE = 10.912 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.03	0.000	-.69	.075	-6.03	.025	-2.85	.025	-7.84
.150	-1.66	.029	-4.93	.150	-6.86	.050	-3.48	.050	-6.35
.200	-2.34	.057	-4.08	.200	-7.13	.075	-4.32	.100	-5.43
.300	-3.03	.086	-3.21	.300	-7.34	.100	-4.79	.150	-5.08
.400	-2.57	.114	-3.05	.400	-6.83	.149	-5.23	.200	-4.91
.500	-2.58	.172	-2.15	.500	-6.56	.200	-5.29	.250	-4.23
.600	-2.81	.229	-2.14	.600	-6.02	.250	-5.28	.300	-3.78
.700	-2.72	.286	-2.17	.700	-5.02	.300	-5.53	.400	-3.02
.800	-2.69	.343	-1.91	.800	-4.14	.350	-5.33	.500	-2.31
		.400	-1.81			.400	-4.89	.600	-2.00
		.458	-1.76			.500	-4.12	.703	-1.89
		.571	-1.81			.600	-3.44	.826	-1.93
		.686	-1.99			.700	-3.06		
		.801	-2.20			.800	-2.59		
		.915	-2.87						
		.967	-3.65						
		.994	-4.56						
				LOWER	SURFACE				
.075	.83	.029	1.00	.075	.26	.025	-.39	.025	.44
.150	.73	.057	1.00	.150	.88	.050	.09	.050	1.60
.200	.72	.086	.94	.200	1.00	.075	.28	.100	1.75
.300	.75	.114	.89	.300	1.02	.100	.26	.150	2.10
.400	.81	.172	.83	.400	1.10	.150	.68	.200	2.51
.500	.77	.229	.85	.500	1.22	.200	.94	.250	2.55
.600	.74	.286	.76	.600	1.11	.250	.93	.300	2.74
.700	.61	.343	.73	.700	1.08	.300	.87	.400	3.15
.861	.20	.400	.74	.861	.55	.350	1.15	.500	2.38
		.458	.77			.400	1.18	.600	3.69
		.571	.72			.500	1.37	.703	4.39
		.686	.72			.600	-3.55	.756	4.33
						.700	-3.11		

ALPHA = 2.83 DEGREES DYNAMIC PRESSURE = 10.896 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.25	0.000	-.69	.075	-6.03	.025	-2.85	.025	-7.72
.150	-2.97	.029	-5.38	.150	-6.71	.050	-3.46	.050	-6.69
.200	-2.22	.057	-4.34	.200	-7.18	.075	-4.32	.100	-5.45
.300	-3.44	.086	-3.49	.300	-7.53	.100	-4.90	.150	-5.12
.400	-3.40	.114	.83	.400	-6.84	.149	-5.31	.200	-4.94
.500	-3.38	.172	-2.42	.500	-6.60	.200	-5.22	.250	-4.40
.600	-3.32	.229	-2.44	.600	-6.04	.250	-5.34	.300	-3.78
.700	-3.79	.286	-2.26	.700	-5.03	.300	-5.51	.400	-3.00
.800	-2.85	.343	-2.11	.800	-4.25	.350	-5.40	.500	-2.36
		.400	-1.89			.400	-4.85	.600	-2.06
		.458	-2.00			.500	-4.01	.703	-1.90
		.571	-1.91			.600	-3.52	.826	-1.94
		.686	-2.04			.700	-3.13		
		.801	-2.28			.800	-2.61		
		.915	-3.01						
		.967	-3.67						
		.994	-4.52						
				LOWER	SURFACE				
.075	.88	.029	.98	.075	.34	.025	-.36	.025	.45
.150	.83	.057	.97	.150	.88	.050	.11	.050	1.68
.200	.84	.086	.97	.200	1.02	.075	.28	.100	1.71
.300	.82	.114	.97	.300	1.07	.100	.42	.150	2.22
.400	.17	.172	.84	.400	-.20	.150	.76	.200	-.23
.500	.80	.229	.84	.500	1.20	.200	.83	.250	2.68
.600	.74	.286	.78	.600	1.19	.250	1.01	.300	2.94
.700	.69	.343	.73	.700	1.18	.300	.96	.400	3.22
.861	.16	.400	.76	.861	.53	.350	1.15	.500	2.44
		.458	.74			.400	1.17	.600	3.50
		.571	.76			.500	1.45	.703	4.80
		.686	.78			.600	-3.46	.756	4.58
						.700	-3.32		

ALPHA = 4.80 DEGREES DYNAMIC PRESSURE = 10.908 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.52	0.000	-1.07	.075	-6.18	.025	-2.84	.025	-8.51
.150	-3.19	.029	-5.90	.150	-6.87	.050	-3.57	.050	-6.85
.200	-3.78	.057	-4.83	.200	-7.20	.075	-4.29	.100	-5.98
.300	-4.34	.086	-3.68	.300	-7.45	.100	-4.79	.150	-5.17
.400	-4.16	.114	-3.35	.400	-7.03	.149	-5.30	.200	-4.88
.500	-4.03	.172	-2.72	.500	-6.59	.200	-5.23	.250	-4.45
.600	-3.91	.229	-2.70	.600	-6.20	.250	-5.43	.300	-3.87
.700	-3.98	.286	-2.37	.700	-5.18	.300	-5.56	.400	-3.05
.800	-3.46	.343	-2.20	.800	-4.24	.350	-5.47	.500	-2.37
		.400	-1.99			.400	-4.91	.600	-2.04
		.458	-2.05			.500	-4.06	.703	-1.94
		.571	-2.05			.600	-3.48	.826	-1.89
		.686	-2.13			.700	-3.03		
		.801	-2.38			.800	-2.55		
		.915	-3.02						
		.967	-3.74						
		.994	-4.59						
				LOWER	SURFACE				
.075	1.00	.029	.97	.075	.30	.025	-.48	.025	.45
.150	.93	.057	1.03	.150	.86	.050	.07	.050	1.73
.200	.89	.086	1.02	.200	1.00	.075	.23	.100	1.89
.300	.85	.114	.96	.300	1.05	.100	.32	.150	2.47
.400	.81	.172	.90	.400	1.11	.150	.79	.200	2.53
.500	.80	.229	.92	.500	1.16	.200	.93	.250	2.95
.600	.82	.286	.87	.600	1.13	.250	1.04	.300	2.82
.700	.67	.343	.85	.700	1.20	.300	.93	.400	3.22
.861	.12	.400	.63	.861	.59	.350	1.22	.500	2.55
		.458	.79			.400	1.23	.600	4.21
		.571	.85			.500	1.44	.703	4.89
		.686	.79			.600	-3.88	.756	4.69
						.700	-3.34		

ALPHA = 6.97 DEGREES DYNAMIC PRESSURE = 10.926 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.27	0.000	-.96	.075	-6.21	.025	-2.81	.025	-9.21
.150	-5.12	.029	-6.50	.150	-6.67	.050	-3.58	.050	-7.10
.200	-3.95	.057	-5.22	.200	-7.32	.075	-4.49	.100	-5.94
.300	-5.09	.086	-3.99	.300	-7.78	.100	-4.78	.150	-5.41
.400	-4.84	.114	-3.49	.400	-7.02	.149	-5.56	.200	-5.02
.500	-4.48	.172	-2.93	.500	-6.76	.200	-5.26	.250	-4.45
.600	-4.85	.229	-2.76	.600	-6.18	.250	-5.48	.300	-3.94
.700	-4.18	.286	-2.50	.700	-5.28	.300	-5.64	.400	-2.94
.800	-3.91	.343	-2.46	.800	-4.42	.350	-5.62	.500	-2.36
		.400	-2.17			.400	-4.96	.600	-2.15
		.458	-2.11			.500	-3.84	.703	-1.92
		.571	-2.17			.600	-3.48	.826	-1.99
		.686	-2.23			.700	-3.27		
		.801	-2.46			.800	-2.64		
		.915	-3.14						
		.967	-3.79						
		.994	-4.51						
				LOWER	SURFACE				
.075	1.04	.029	.85	.075	.33	.025	-.46	.025	.47
.150	.99	.057	1.04	.150	.88	.050	.04	.050	1.88
.200	.92	.086	1.00	.200	1.00	.075	.27	.100	1.82
.300	.89	.114	.99	.300	1.09	.100	.11	.150	2.58
.400	.85	.172	.96	.400	1.16	.150	.75	.200	2.98
.500	.82	.229	.92	.500	1.15	.200	.91	.250	2.98
.600	.77	.286	.91	.600	1.19	.250	.85	.300	3.08
.700	.61	.343	.85	.700	1.31	.300	.86	.400	3.98
.861	-.04	.400	.86	.861	.52	.350	1.19	.500	3.04
		.458	.86			.400	1.29	.600	4.12
		.571	.80			.500	2.00	.703	5.11
		.686	.83			.600	-3.54	.756	5.44
						.700	-3.40		

ALPHA = 8.75 DEGREES DYNAMIC PRESSURE = 10.930 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.79	0.000	-1.39	.075	-3.63	.025	-2.77	.025	-7.80
.150	-5.32	.029	-7.24	.150	-6.94	.050	-3.61	.050	-6.85
.200	-5.66	.057	-5.77	.200	-7.10	.075	-4.25	.100	-6.02
.300	-5.80	.086	-4.21	.300	-7.70	.100	-2.05	.150	-5.50
.400	-5.26	.114	-3.89	.400	-6.33	.149	-4.96	.200	-4.71
.500	-5.23	.172	-3.14	.500	-4.85	.200	-5.12	.250	-4.20
.600	-4.65	.229	-2.65	.600	-6.25	.250	-5.46	.300	-3.00
.700	-4.63	.286	-1.99	.700	-5.05	.300	-4.73	.400	-3.01
.800	-3.24	.343	-2.50	.800	-1.92	.350	-4.93	.500	-2.25
		.400	-1.63			.400	-2.06	.600	-2.08
		.458	-2.21			.500	-3.99	.703	-1.70
		.571	-2.16			.600	-3.26	.826	-1.84
		.686	-2.00			.700	-3.12		
		.801	-2.28			.800	-1.67		
		.915	-3.15						
		.967	-3.72						
		.994	-4.71						
				LOWER	SURFACE				
.075	.95	.029	.87	.075	.36	.025	-.62	.025	.56
.150	1.00	.057	.99	.150	.85	.050	-.04	.050	2.04
.200	.96	.086	1.00	.200	.99	.075	.25	.100	2.11
.300	.88	.114	1.01	.300	1.08	.100	.12	.150	2.48
.400	.90	.172	.96	.400	1.22	.150	.63	.200	3.07
.500	.80	.229	.88	.500	1.17	.200	.88	.250	3.48
.600	.76	.286	.87	.600	1.22	.250	.96	.300	3.34
.700	.63	.343	.92	.700	1.35	.300	.88	.400	3.65
.861	-.06	.400	.84	.861	.59	.350	1.22	.500	3.15
		.458	.88			.400	1.34	.600	4.59
		.571	.82			.500	1.64	.703	5.33
		.686	.81			.600	-3.77	.756	5.27
						.700	-3.09		

ALPHA = 10.67 DEGREES DYNAMIC PRESSURE = 10.966 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.68	0.000	-2.27	.075	-5.35	.025	-1.76	.025	-7.77
.150	-5.48	.029	-7.01	.150	-4.49	.050	-2.56	.050	-6.56
.200	-5.06	.057	-5.03	.200	-4.24	.075	-4.23	.100	-5.25
.300	-5.05	.086	.92	.300	-4.07	.100	-2.04	.150	-5.44
.400	-5.21	.114	.87	.400	-3.23	.149	-3.57	.200	-4.26
.500	-4.86	.172	-2.51	.500	-3.47	.200	-2.24	.250	-4.35
.600	-5.03	.229	-2.82	.600	-4.32	.250	-5.19	.300	-3.30
.700	-4.61	.286	-2.16	.700	-5.03	.300	-2.30	.400	-2.28
.800	-3.92	.343	-2.33	.800	-2.92	.350	-5.13	.500	-1.52
		.400	-2.09			.400	-3.78	.600	-1.43
		.458	-2.20			.500	-2.02	.703	-1.47
		.571	-1.93			.600	-1.47	.826	-1.95
		.686	-1.68			.700	-1.44		
		.801	-1.64			.800	1.38		
		.915	-1.93						
		.967	-2.42						
		.994	-3.08						
				LOWER	SURFACE				
.075	-4.74	.029	.88	.075	-4.90	.025	-.51	.025	5.38
.150	1.00	.057	1.02	.150	.89	.050	-.02	.050	1.98
.200	.94	.086	.98	.200	1.00	.075	-3.81	.100	2.11
.300	-.25	.114	1.01	.300	-.10	.100	-2.20	.150	-8.37
.400	-.25	.172	.93	.400	-.11	.150	.78	.200	-.17
.500	.86	.229	.91	.500	1.20	.200	.89	.250	3.18
.600	.79	.286	.87	.600	1.28	.250	.91	.300	3.50
.700	.63	.343	.92	.700	1.32	.300	.91	.400	3.54
.801	-.10	.400	.94	.861	.86	.350	1.22	.500	3.33
		.458	.85			.400	1.34	.600	4.71
		.571	.87			.500	2.05	.703	5.32
		.686	.84			.600	-3.53	.756	5.52
						.700	-2.83		

ALPHA = 12.61 DEGREES DYNAMIC PRESSURE = 10.939 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.88	0.000	-1.06	.075	-2.77	.025	-1.27	.025	-7.58
.150	-5.64	.029	-9.19	.150	-3.49	.050	-2.32	.050	-6.14
.200	-5.04	.057	-5.25	.200	-3.00	.075	-1.94	.100	-5.33
.300	-5.11	.086	-3.18	.300	-3.11	.100	-1.74	.150	-4.72
.400	-6.04	.114	-3.11	.400	-6.14	.149	-2.01	.200	-4.09
.500	-5.40	.172	-2.17	.500	-5.13	.200	-1.99	.250	-3.65
.600	-4.66	.229	-2.37	.600	-2.70	.250	-2.09	.300	-3.02
.700	-3.61	.286	-2.13	.700	-1.69	.300	-2.50	.400	-2.17
.800	-3.45	.343	-2.05	.800	-1.65	.350	-2.27	.500	-1.66
		.400	-1.62			.400	-1.88	.600	-1.48
		.458	-1.29			.500	-1.66	.703	-1.86
		.571	-1.57			.600	-1.49	.826	-1.85
		.686	-2.02			.700	-1.38		
		.801	-2.38			.800	-1.20		
		.915	-1.57						
		.967	-1.68						
		.994	-2.42						
				LOWER	SURFACE				
.075	1.04	.029	.87	.075	.51	.025	-.06	.025	.63
.150	.98	.057	.96	.150	.92	.050	.05	.050	1.79
.200	1.01	.086	1.02	.200	1.04	.075	.34	.100	2.16
.300	.94	.114	1.00	.300	1.14	.100	.38	.150	2.67
.400	.92	.172	.95	.400	1.19	.150	.82	.200	2.94
.500	.88	.229	.93	.500	1.22	.200	1.01	.250	3.10
.600	.86	.286	.90	.600	1.37	.250	.89	.300	3.33
.700	.63	.343	.94	.700	1.36	.300	.90	.400	4.05
.861	.01	.400	.89	.861	1.02	.350	1.18	.500	3.07
		.458	.89			.400	1.24	.600	4.32
		.571	.86			.500	1.78	.703	5.10
		.686	.90			.600	-3.82	.756	5.24
						.700	-3.29		

ALPHA = 14.51 DEGREES DYNAMIC PRESSURE = 10.990 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.87	0.000	-1.08	.075	-2.66	.025	-1.27	.025	-8.16
.150	-5.46	.029	-1.52	.150	-3.87	.050	-1.11	.050	-5.95
.200	-4.87	.057	-4.43	.200	-2.29	.075	-1.43	.100	-5.30
.300	-4.54	.086	-2.27	.300	-2.31	.100	-1.81	.150	-4.47
.400	-6.01	.114	-2.32	.400	-6.10	.149	-2.05	.200	-4.01
.500	-4.88	.172	-2.03	.530	-3.03	.200	-2.18	.250	-3.90
.600	-4.63	.229	-1.88	.600	-2.68	.250	-1.93	.300	-2.90
.700	-3.59	.286	-1.50	.700	-1.68	.300	-1.74	.400	-2.32
.803	-3.42	.343	-1.21	.800	-1.86	.350	-3.76	.500	-1.54
		.400	-1.73			.400	-1.83	.600	-1.45
		.458	-1.28			.500	-1.88	.703	-1.85
		.571	-1.56			.600	-1.46	.826	-1.99
		.686	-1.56			.700	-1.33		
		.801	-2.37			.800	1.23		
		.915	-1.20						
		.967	-1.33						
		.994	-2.71						
				LOWER	SURFACE				
.075	-3.68	.029	.80	.075	-1.52	.025	1.85	.025	5.05
.150	-4.54	.057	.92	.150	-2.28	.050	.15	.050	5.34
.200	1.00	.086	.98	.200	1.02	.075	-3.26	.100	2.06
.300	-6.45	.114	.97	.300	-6.04	.100	.41	.150	-1.79
.400	.89	.172	1.00	.400	1.15	.150	.75	.200	2.79
.500	.87	.229	.97	.500	1.24	.200	.82	.250	3.14
.600	.80	.286	.97	.600	1.40	.250	.97	.300	3.89
.700	.72	.343	.91	.700	1.39	.300	.94	.400	4.09
.861	.17	.400	.93	.861	1.23	.350	1.20	.500	3.31
		.458	.90			.400	1.24	.600	4.51
		.571	.87			.500	1.78	.703	5.08
		.686	.89			.600	-3.71	.756	5.22
						.700	-3.27		

ALPHA = 16.37 DEGREES DYNAMIC PRESSURE = 10.929 LBF/SQ.FT.

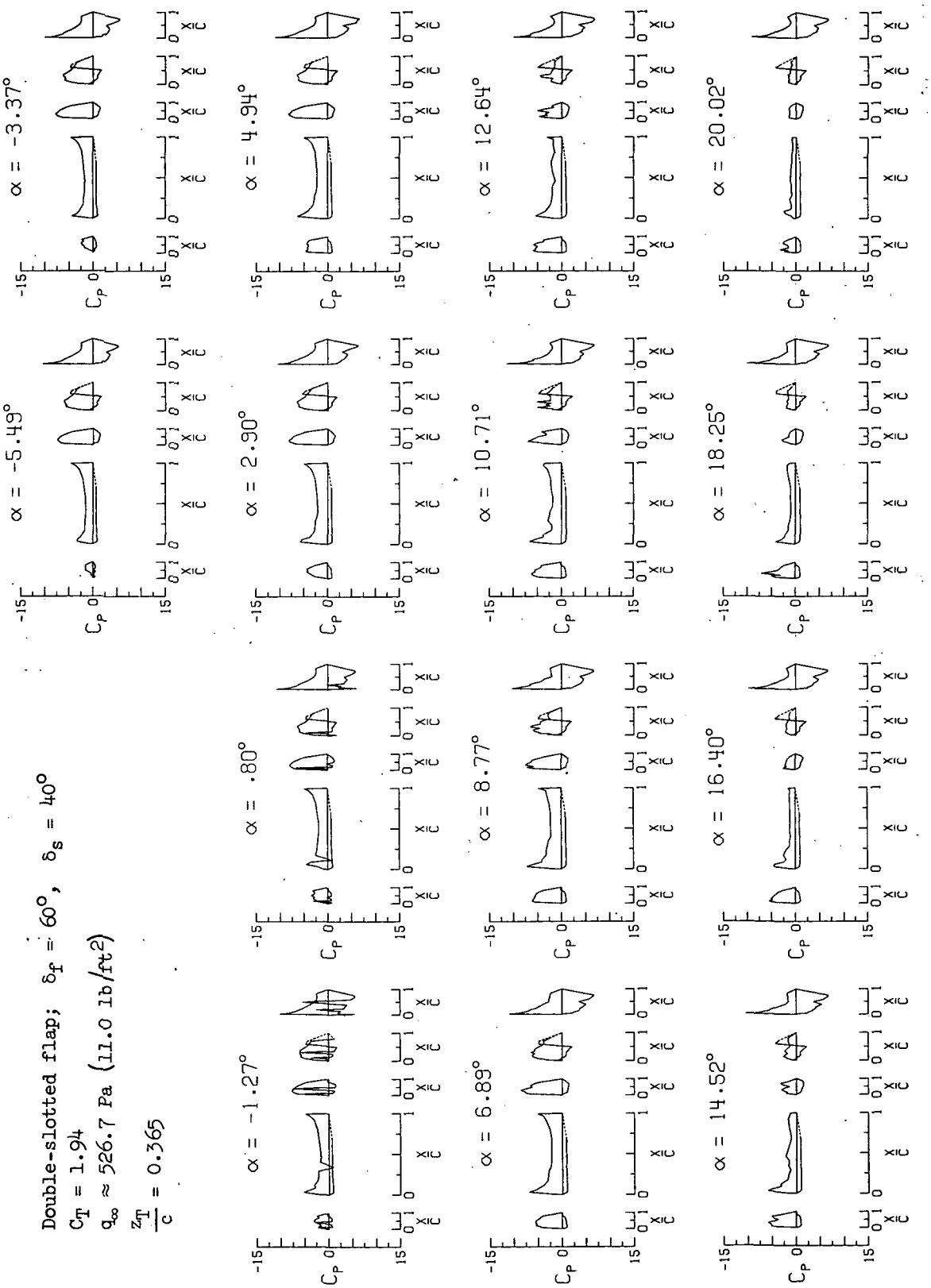
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.82	0.000	-.84	.075	-4.74	.025	-.98	.025	-7.28
.150	-7.24	.029	-5.24	.150	-3.24	.050	-1.05	.050	-6.13
.200	-6.95	.057	-4.07	.200	-3.33	.075	-1.73	.100	-5.27
.300	-6.51	.086	-2.65	.300	-3.82	.100	-1.67	.150	-4.59
.400	-6.38	.114	-2.52	.400	-3.65	.149	-2.02	.200	-3.93
.500	-5.98	.172	-2.44	.500	-3.49	.200	-1.75	.250	-3.93
.600	-4.25	.229	-2.30	.600	-1.68	.250	-1.81	.300	-3.43
.700	-4.90	.286	-2.63	.700	-2.58	.300	-1.92	.400	-2.25
.800	-3.55	.343	.96	.800	-1.36	.350	-3.78	.500	-1.72
		.400	-1.51			.400	-3.06	.600	-1.63
		.458	-1.99			.500	-1.72	.703	-1.65
		.571	-1.36			.600	-1.66	.826	-1.98
		.686	-1.88			.700	-1.63		
		.801	-1.91			.800	-1.12		
		.915	-1.89						
		.967	-1.90						
		.994	-2.21						
				LOWER	SURFACE				
.075	.93	.029	.77	.075	.52	.025	-.08	.025	.51
.150	1.00	.057	.92	.150	.94	.050	.08	.050	1.91
.200	1.02	.086	.98	.200	1.08	.075	.34	.100	2.49
.300	.94	.114	.96	.300	1.12	.100	.34	.150	2.52
.400	.90	.172	1.00	.400	1.17	.150	.76	.200	2.88
.500	.83	.229	.96	.500	1.18	.200	.86	.250	3.14
.600	.80	.286	.94	.600	1.39	.250	.97	.300	3.88
.700	.61	.343	.90	.700	1.41	.300	-2.11	.400	4.24
.861	-.21	.400	.96	.861	-.17	.350	1.28	.500	-3.67
		.458	.90			.400	1.38	.600	4.94
		.571	.92			.500	2.19	.703	5.45
		.686	.92			.600	-3.67	.756	5.65
						.700	-2.97		

ALPHA = 18.21 DEGREES DYNAMIC PRESSURE = 10.903 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.46	0.000	-.82	.075	-1.95	.025	-.97	.025	-7.30
.150	-3.65	.029	-4.94	.150	-1.59	.050	-1.06	.050	-6.19
.200	-4.03	.057	-3.43	.200	-2.02	.075	-1.74	.100	-5.12
.300	-6.38	.086	.93	.300	-3.03	.100	-1.68	.150	-4.47
.400	-4.11	.114	.91	.400	-1.58	.149	-1.82	.200	-3.90
.500	-4.03	.172	.93	.500	-1.65	.200	-1.72	.250	-3.53
.600	-2.45	.229	-1.37	.600	-1.23	.250	-1.91	.300	-3.03
.700	-2.67	.286	-1.12	.700	-1.24	.300	-1.74	.400	-1.95
.800	-2.41	.343	-.98	.800	-1.02	.350	-1.82	.500	-1.41
		.400	-.89			.400	-1.81	.600	-1.43
		.458	-.94			.500	-1.36	.703	-1.33
		.571	-.84			.600	-1.27	.826	-1.79
		.686	-1.08			.700	-1.41		
		.801	-1.04			.800	-1.04		
		.915	-1.64						
		.967	-1.27						
		.994	-.97						
				LOWER	SURFACE				
.075	.86	.029	.83	.075	.54	.025	.00	.025	.59
.150	1.00	.057	.94	.150	.96	.050	.19	.050	1.89
.200	1.00	.086	1.00	.200	1.02	.075	-1.71	.100	2.14
.300	-.09	.114	1.00	.300	-.16	.100	-1.59	.150	-7.88
.400	-.24	.172	1.00	.400	-.24	.150	-1.28	.200	-.26
.500	-.13	.229	.99	.500	-.15	.200	-.97	.250	-.17
.600	.86	.286	.94	.600	1.43	.250	.95	.300	3.53
.700	.74	.343	.90	.700	1.41	.300	.90	.400	3.92
.861	.26	.400	.96	.861	1.22	.350	1.12	.500	3.09
		.458	.93			.400	1.24	.600	4.26
		.571	.93			.500	1.89	.703	5.31
		.686	.92			.600	-3.54	.756	5.36
						.700	-2.99		

ALPHA = 20.04 DEGREES DYNAMIC PRESSURE = 10.934 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.65	0.000	.09	.075	-1.54	.025	-.86	.025	-7.73
.150	-4.65	.029	-3.24	.150	-1.52	.050	-1.09	.050	-5.99
.200	-4.85	.057	-2.58	.200	-1.71	.075	-1.44	.100	-4.97
.300	-4.42	.086	-2.37	.300	-1.46	.100	-1.61	.150	-4.25
.400	-3.65	.114	-1.76	.400	-1.27	.149	-1.59	.200	-3.73
.500	-3.47	.172	-1.32	.500	-1.29	.200	-1.56	.250	-3.30
.600	-1.88	.229	-1.26	.600	-1.14	.250	-1.49	.300	-2.87
.700	-1.59	.286	-.72	.700	-1.15	.300	-1.41	.400	-1.90
.800	-1.95	.343	-.96	.800	-1.08	.350	-1.48	.500	-1.55
		.400	-.89			.400	-1.70	.600	-1.28
		.458	-1.02			.500	-1.32	.703	-1.22
		.571	-.84			.600	-1.34	.826	-1.73
		.686	-.88			.700	-1.22		
		.801	-.92			.800	-.86		
		.915	-.89						
		.967	-1.04						
		.994	-1.00						
				LOWER	SURFACE				
.075	.86	.029	.86	.075	.63	.025	.01	.025	.63
.150	1.01	.057	.96	.150	.97	.050	.14	.050	1.90
.200	1.00	.086	1.03	.200	1.01	.075	.39	.100	2.17
.300	.98	.114	.99	.300	1.13	.100	.35	.150	2.66
.400	.95	.172	.97	.400	1.22	.150	.79	.200	3.09
.500	.90	.229	.99	.500	1.32	.200	.95	.250	3.18
.600	.86	.286	.94	.600	1.47	.250	.93	.300	3.41
.700	.85	.343	.95	.700	1.40	.300	.88	.400	3.86
.861	.42	.400	.91	.861	1.22	.350	1.15	.500	3.18
		.458	.92			.400	1.19	.600	4.42
		.571	.89			.500	1.67	.703	4.95
		.686	.92			.600	-3.25	.756	5.11
						.700	-2.58		


Double-slotted flap; $\delta_f = 60°$, $\delta_s = 40°$
$C_T = 1.94$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.365$
α = -5.49°
α = -3.37°
α = -1.27°
α = .80°
α = 2.90°
α = 4.94°
α = 6.89°
α = 8.77°
α = 10.71°
α = 12.64°
α = 14.52°
α = 16.40°
α = 18.25°
α = 20.02°
C_p
x/c

ALPHA = -5.49 DEGREES DYNAMIC PRESSURE = 10.984 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.60	0.000	-.84	.075	-6.10	.025	-3.13	.025	-10.51
.150	-.40	.029	-3.32	.150	-6.90	.050	-3.58	.050	-8.46
.200	-.39	.057	-3.18	.200	-7.08	.075	-4.54	.100	-7.04
.300	-.36	.086	-2.54	.300	-7.52	.100	-5.10	.150	-6.36
.400	-1.03	.114	-2.30	.400	-7.11	.149	-5.74	.200	-5.93
.500	-1.61	.172	-1.77	.500	-6.82	.200	-5.56	.250	-5.29
.600	-1.40	.229	-1.77	.600	-6.17	.250	-5.82	.300	-4.66
.700	-1.63	.286	-1.73	.700	-5.35	.300	-6.08	.400	-3.68
.800	-1.49	.343	-1.62	.800	-4.45	.350	-6.08	.500	-2.76
		.400	-1.50			.400	-5.46	.600	-2.45
		.458	-1.55			.500	-4.65	.703	-2.33
		.571	-1.58			.600	-3.89	.826	-2.43
		.686	-1.85			.700	-3.60		
		.801	-2.10			.800	-3.11		
		.915	-2.80						
		.967	-3.56						
		.994	-4.61						
				LOWER	SURFACE				
.075	.13	.029	1.00	.075	.19	.025	-.68	.025	.40
.150	.05	.057	.94	.150	.93	.050	-.30	.050	1.97
.200	.23	.086	.86	.200	1.02	.075	-.06	.100	1.89
.300	.22	.114	.78	.300	1.17	.100	-.03	.150	2.66
.400	.58	.172	.74	.400	1.23	.150	.67	.200	2.83
.500	.03	.229	.67	.500	1.37	.200	.87	.250	3.14
.600	.47	.286	.59	.600	1.48	.250	.89	.300	3.23
.700	.55	.343	.62	.700	1.30	.300	.74	.400	3.62
.861	.37	.400	.69	.861	.70	.350	1.16	.500	2.74
		.458	.67			.400	1.20	.600	4.23
		.571	.64			.500	1.73	.703	5.36
		.686	.68			.600	-4.79	.756	5.14
						.700	-4.47		

ALPHA = -3.37 DEGREES DYNAMIC PRESSURE = 10.939 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.11	0.000	-.68	.075	-6.27	.025	-3.07	.025	-10.06
.150	-.76	.029	-4.41	.150	-7.01	.050	-3.82	.050	-8.32
.200	-.94	.057	-3.26	.200	-7.45	.075	-4.66	.100	-7.15
.300	-1.79	.086	-2.89	.300	-7.81	.100	-5.28	.150	-6.28
.400	-1.80	.114	-2.57	.400	-7.31	.149	-5.92	.200	-5.99
.500	-2.28	.172	-2.04	.500	-6.99	.200	-5.75	.250	-5.35
.600	-2.43	.229	-2.02	.600	-6.32	.250	-5.86	.300	-4.66
.700	-1.93	.286	-1.82	.700	-5.52	.300	-6.29	.400	-3.70
.800	-2.34	.343	-1.74	.800	-4.54	.350	-6.10	.500	-2.87
		.400	-1.76			.400	-5.52	.600	-2.52
		.458	-1.67			.500	-4.66	.703	-2.37
		.571	-1.82			.600	-4.05	.826	-2.46
		.686	-2.03			.700	-3.66		
		.801	-2.23			.800	-3.17		
		.915	-3.03						
		.967	-3.80						
		.994	-4.72						
				LOWER	SURFACE				
.075	.23	.029	1.00	.075	.12	.025	-.82	.025	.43
.150	.40	.057	.93	.150	.85	.050	-.31	.050	2.00
.200	.26	.086	.86	.200	1.06	.075	-.08	.100	1.97
.300	.64	.114	.86	.300	1.13	.100	.06	.150	2.63
.400	.74	.172	.71	.400	1.20	.150	.59	.200	2.95
.500	.65	.229	.69	.500	1.36	.200	.88	.250	3.20
.600	.69	.286	.65	.600	1.51	.250	.97	.300	3.38
.700	.59	.343	.69	.700	1.43	.300	.85	.400	3.42
.861	.32	.400	.67	.861	.69	.350	1.16	.500	2.79
		.458	.67			.400	1.26	.600	4.30
		.571	.72			.500	1.74	.703	5.61
		.686	.70			.600	-4.79	.756	5.53
						.700	-4.42		

ALPHA = -1.28 DEGREES DYNAMIC PRESSURE = 10.969 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.95	0.000	-1.75	.075	-6.53	.025	-3.12	.025	-10.27
.150	-2.06	.029	-5.28	.150	-7.18	.050	-3.66	.050	-8.71
.200	-1.65	.057	-3.94	.200	-7.65	.075	-4.80	.100	-7.59
.300	-1.78	.086	-2.77	.300	-7.78	.100	-5.34	.150	-6.63
.400	-2.63	.114	-3.04	.400	-7.37	.149	-5.91	.200	-6.03
.500	-3.08	.172	-2.32	.500	-7.00	.200	-5.68	.250	-5.34
.600	-2.80	.229	-2.10	.600	-6.38	.250	-6.08	.300	-4.80
.700	-1.92	.286	-2.19	.700	-5.50	.300	-6.11	.400	-3.80
.800	-2.41	.343	.93	.800	-4.64	.350	-6.08	.500	-2.93
		.400	-1.82			.400	-5.66	.600	-2.51
		.458	-1.66			.500	-4.70	.703	-2.44
		.571	-1.86			.600	-4.10	.826	-2.53
		.686	-2.11			.700	-3.65		
		.801	-2.34			.800	1.25		
		.915	-3.02						
		.967	-3.91						
		.994	-4.82						
				LOWER	SURFACE				
.075	-2.23	.029	.97	.075	-5.53	.025	-.84	.025	5.52
.150	.81	.057	.93	.150	.84	.050	-.28	.050	2.00
.200	.60	.086	.92	.200	1.08	.075	.03	.100	2.01
.300	.57	.114	.90	.300	1.23	.100	-3.66	.150	2.60
.400	-2.49	.172	.84	.400	-7.81	.150	.61	.200	-2.54
.500	.71	.229	.75	.500	1.32	.200	.95	.250	3.28
.600	.74	.286	.72	.600	1.53	.250	.95	.300	3.30
.700	.64	.343	.71	.700	1.39	.300	-6.07	.400	3.83
.861	-.27	.400	.76	.861	-.28	.350	1.21	.500	-5.40
		.458	.71			.400	1.26	.600	4.67
		.571	.69			.500	1.73	.703	5.59
		.686	.70			.600	-4.77	.756	5.60
						.700	-4.47		

ALPHA = .80 DEGREES DYNAMIC PRESSURE = 10.955 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.47	0.000	-.78	.075	-6.66	.025	-3.20	.025	-10.91
.150	-2.43	.029	-2.02	.150	-7.21	.050	-3.86	.050	-9.02
.200	-2.42	.057	-4.43	.200	-7.61	.075	-4.81	.100	-7.49
.300	-3.11	.086	-3.55	.300	-7.95	.100	-5.40	.150	-6.51
.400	-2.81	.114	.78	.400	-7.61	.149	-6.09	.200	-6.12
.500	-3.46	.172	-2.57	.500	-7.17	.200	-5.89	.250	-5.57
.600	-2.81	.229	-2.33	.600	-6.39	.250	-6.05	.300	-4.83
.700	-2.78	.286	-2.26	.700	-5.67	.300	-6.28	.400	-3.78
.800	-3.19	.343	-2.12	.800	-4.77	.350	-6.37	.500	-2.92
		.400	-2.03			.400	-5.76	.600	-2.56
		.458	-1.89			.500	-4.70	.703	-2.48
		.571	-1.86			.600	-4.08	.826	-2.54
		.686	-2.21			.700	-3.69		
		.801	-2.44			.800	-3.19		
		.915	-3.13						
		.967	-3.93						
		.994	-4.86						
				LOWER	SURFACE				
.075	.87	.029	1.01	.075	.16	.025	1.82	.025	.29
.150	-3.15	.057	1.01	.150	-6.58	.050	-.37	.050	6.09
.200	.76	.086	.91	.200	1.04	.075	.05	.100	2.09
.300	.76	.114	.93	.300	1.12	.100	-4.74	.150	2.79
.400	-.19	.172	.85	.400	-.19	.150	.67	.200	-.22
.500	.79	.229	.84	.500	1.30	.200	.88	.250	3.43
.600	.72	.286	.77	.600	1.45	.250	.89	.300	3.51
.700	.65	.343	.71	.700	1.40	.300	.79	.400	4.08
.861	.12	.400	.77	.861	.70	.350	1.18	.500	3.45
		.458	.75			.400	1.24	.600	4.84
		.571	.73			.500	1.73	.703	5.82
		.686	.71			.600	-4.69	.756	5.61
						.700	-4.49		

ALPHA = 2.90 DEGREES DYNAMIC PRESSURE = 10.937 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.67	0.000	-.88	.075	-6.63	.025	-3.12	.025	-10.46
.150	-2.89	.029	-5.62	.150	-7.34	.050	-4.00	.050	-8.51
.200	-3.04	.057	-5.32	.200	-7.95	.075	-5.02	.100	-7.62
.300	-3.68	.086	-3.70	.300	-8.14	.100	-5.33	.150	-6.93
.400	-4.32	.114	-3.31	.400	-7.54	.149	-6.14	.200	-6.28
.500	-4.15	.172	-2.70	.500	-7.29	.200	-5.96	.250	-5.70
.600	-4.33	.229	-2.63	.600	-6.60	.250	-6.17	.300	-4.85
.700	-3.45	.286	-2.57	.700	-5.66	.300	-6.41	.400	-3.83
.800	-2.82	.343	-2.23	.800	-4.83	.350	-6.15	.500	-3.07
		.400	-2.02			.400	-5.72	.600	-2.63
		.458	-2.07			.500	-4.77	.703	-2.50
		.571	-2.16			.600	-4.26	.826	-2.65
		.686	-2.31			.700	-3.77		
		.801	-2.55			.800	-3.19		
		.915	-3.25						
		.967	-4.12						
		.994	-4.95						
				LOWER	SURFACE				
.075	.95	.029	.96	.075	.15	.025	-.83	.025	.35
.150	.83	.057	.98	.150	.86	.050	-.37	.050	1.99
.200	.91	.086	.98	.200	1.02	.075	.04	.100	2.40
.300	.83	.114	.91	.300	1.16	.100	.12	.150	2.82
.400	.80	.172	.89	.400	1.25	.150	.62	.200	3.10
.500	.78	.229	.83	.500	1.45	.200	.82	.250	3.60
.600	.74	.286	.82	.600	1.52	.250	.92	.300	3.80
.700	.62	.343	.78	.700	1.23	.300	.79	.400	4.24
.861	.13	.400	.76	.861	.71	.350	1.20	.500	3.13
		.458	.79			.400	1.30	.600	4.39
		.571	.77			.500	2.03	.703	6.32
		.686	.78			.600	-5.42	.756	6.42
						.700	-4.72		

ALPHA = 4.95 DEGREES DYNAMIC PRESSURE = 10.943 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.41	0.000	-1.16	.075	-6.75	.025	-3.22	.025	-10.92
.150	-4.59	.029	-6.38	.150	-7.37	.050	-4.05	.050	-9.19
.200	-4.11	.057	-5.21	.200	-7.77	.075	-5.00	.100	-7.88
.300	-4.22	.086	-4.27	.300	-8.18	.100	-5.42	.150	-7.05
.400	-4.11	.114	-3.82	.400	-7.68	.149	-6.18	.200	-6.45
.500	-3.93	.172	-3.00	.500	-7.49	.200	-6.10	.250	-5.98
.600	-4.38	.229	-2.81	.600	-6.63	.250	-6.07	.300	-5.04
.700	-4.10	.286	-2.70	.700	-5.80	.300	-6.28	.400	-3.80
.800	-3.78	.343	-2.34	.800	-4.69	.350	-6.47	.500	-2.92
		.400	-2.26			.400	-5.79	.600	-2.60
		.458	-2.20			.500	-4.68	.703	-2.50
		.571	-2.19			.600	-4.08	.826	-2.63
		.686	-2.35			.700	-3.75		
		.801	-2.56			.800	-3.29		
		.915	-3.28						
		.967	-4.05						
		.994	-5.03						
				LOWER	SURFACE				
.075	.99	.029	.86	.075	.15	.025	-.85	.025	.20
.150	.95	.057	.94	.150	.86	.050	-.18	.050	2.06
.200	.94	.086	.96	.200	1.05	.075	.07	.100	2.22
.300	.88	.114	.93	.300	1.07	.100	.01	.150	2.81
.400	.82	.172	.95	.400	1.18	.150	.68	.200	3.42
.500	.79	.229	.90	.500	1.31	.200	.88	.250	3.68
.600	.77	.286	.86	.600	1.48	.250	.96	.300	4.07
.700	.62	.343	.80	.700	1.41	.300	.86	.400	4.39
.861	.08	.400	.82	.861	.64	.350	1.24	.500	3.15
		.458	.83			.400	1.31	.600	5.95
		.571	.78			.500	2.01	.703	6.15
		.686	.82			.600	-5.00	.756	6.66
						.700	-4.67		

ALPHA = 6.90 DEGREES DYNAMIC PRESSURE = 10.976 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.42	0.000	-1.33	.075	-6.88	.025	-3.23	.025	-11.04
.150	-4.64	.029	-6.98	.150	-7.67	.050	-3.81	.050	-9.30
.200	-5.44	.057	-5.48	.200	-7.68	.075	-4.96	.100	-7.84
.300	-5.32	.086	-4.73	.300	-8.67	.100	-5.48	.150	-6.95
.400	-5.53	.114	-3.91	.400	-7.47	.149	-6.16	.200	-6.56
.500	-5.48	.172	-3.13	.500	-6.21	.200	-6.26	.250	-5.41
.600	-4.89	.229	-3.01	.600	-6.69	.250	-5.73	.300	-5.03
.700	-4.55	.286	-2.89	.700	-5.90	.300	-6.48	.400	-3.99
.800	-3.96	.343	-2.45	.800	-4.72	.350	-5.74	.500	-2.79
		.400	-2.32			.400	-5.83	.600	-2.75
		.458	-2.31			.500	-4.91	.703	-2.50
		.571	-2.28			.600	-3.81	.826	-2.42
		.686	-2.28			.700	-3.95		
		.801	-2.63			.800	-2.65		
		.915	-3.49						
		.967	-4.04						
		.994	-5.19						
				LOWER	SURFACE				
.075	.98	.029	.93	.075	.16	.025	-.76	.025	.17
.150	.99	.057	.98	.150	.87	.050	-.38	.050	2.08
.200	.93	.086	1.00	.200	1.05	.075	-.06	.100	2.45
.300	.91	.114	.98	.300	1.13	.100	-.10	.150	3.49
.400	.86	.172	.94	.400	1.23	.150	.59	.200	3.61
.500	.79	.229	.94	.500	1.26	.200	.81	.250	3.75
.600	.72	.286	.91	.600	1.37	.250	.86	.300	4.31
.700	.59	.343	.84	.700	1.40	.300	.84	.400	4.96
.861	.01	.400	.85	.861	.67	.350	1.24	.500	3.40
		.458	.86			.400	1.33	.600	5.64
		.571	.84			.500	2.01	.703	6.35
		.686	.85			.600	-4.96	.756	6.63
						.700	-4.87		

ALPHA = 8.77 DEGREES DYNAMIC PRESSURE = 10.948 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.70	0.000	-1.60	.075	-5.84	.025	-2.94	.025	-10.31
.150	-6.12	.029	-7.27	.150	-7.09	.050	-2.12	.050	-9.53
.200	-6.03	.057	-5.78	.200	-5.77	.075	-4.85	.100	-8.12
.300	-5.78	.086	-4.11	.300	-7.42	.100	-4.62	.150	-6.52
.400	-5.60	.114	-4.09	.400	-6.89	.149	-5.79	.200	-6.68
.500	-5.43	.172	-3.15	.500	-6.17	.200	-6.02	.250	-5.75
.600	-5.29	.229	-3.17	.600	-6.02	.250	-4.56	.300	-4.33
.700	-4.72	.286	-2.94	.700	-4.78	.300	-6.57	.400	-3.61
.800	-3.87	.343	-2.72	.800	-3.62	.350	-6.25	.500	-1.96
		.400	-2.18			.400	-4.52	.600	-2.14
		.458	-2.22			.500	-4.41	.703	-2.16
		.571	-2.27			.600	-2.45	.826	-2.37
		.686	-2.23			.700	-2.90		
		.801	-2.50			.800	-2.71		
		.915	-3.05						
		.967	-3.24						
		.994	-4.89						
				LOWER	SURFACE				
.075	.90	.029	.83	.075	.14	.025	-.88	.025	.33
.150	1.03	.057	.99	.150	.89	.050	-.45	.050	2.20
.200	.95	.086	.99	.200	.99	.075	.08	.100	2.49
.300	.90	.114	1.01	.300	1.11	.100	-.03	.150	3.10
.400	.88	.172	.97	.400	1.21	.150	.59	.200	3.61
.500	.88	.229	.92	.500	1.41	.200	.79	.250	4.05
.600	.79	.286	.92	.600	1.43	.250	.93	.300	4.27
.700	.62	.343	.91	.700	1.37	.300	.79	.400	4.63
.861	-.18	.400	.89	.861	.63	.350	1.18	.500	3.71
		.458	.92			.400	1.35	.600	5.64
		.571	.86			.500	1.97	.703	6.73
		.686	.83			.600	-5.01	.756	6.53
						.700	-4.57		

ALPHA = 10.71 DEGREES DYNAMIC PRESSURE = 10.982 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.90	0.000	-1.55	.075	-3.54	.025	-1.93	.025	-11.46
.150	-5.46	.029	-6.67	.150	-4.98	.050	-1.86	.050	-8.23
.200	-6.00	.057	-5.42	.200	-7.12	.075	-3.40	.100	-6.87
.300	-6.28	.086	-3.68	.300	-6.38	.100	-5.07	.150	-5.70
.400	-5.43	.114	-3.79	.400	-5.50	.149	-2.32	.200	-6.00
.500	-5.63	.172	-2.05	.500	-4.79	.200	-3.27	.250	-4.42
.600	-4.72	.229	-2.00	.600	-3.19	.250	-2.17	.300	-3.79
.700	-4.16	.286	-2.85	.700	-3.23	.300	-5.19	.400	-2.75
.800	-4.13	.343	-2.54	.800	-4.22	.350	-2.22	.500	-2.38
		.400	-2.35			.400	-2.30	.600	-1.90
		.458	-1.89			.500	-2.23	.703	-1.93
		.571	-1.75			.600	-3.11	.826	-2.36
		.686	-2.12			.700	-2.29		
		.801	-2.20			.800	-1.82		
		.915	-2.84						
		.967	-3.76						
		.994	-3.46						
				LOWER	SURFACE				
.075	.96	.029	.88	.075	.23	.025	-.67	.025	.51
.150	1.00	.057	.96	.150	.83	.050	-.38	.050	2.29
.200	.93	.086	1.00	.200	1.01	.075	.04	.100	2.73
.300	.94	.114	.97	.300	1.19	.100	-.03	.150	3.32
.400	.91	.172	.99	.400	1.31	.150	.69	.200	3.83
.500	.84	.229	.92	.500	1.35	.200	.87	.250	3.94
.600	.79	.286	.93	.600	1.47	.250	.94	.300	3.95
.700	.60	.343	.92	.700	1.37	.300	.87	.400	4.62
.861	-.12	.400	.93	.861	.98	.350	1.23	.500	3.82
		.458	.90			.400	1.33	.600	5.59
		.571	.90			.500	2.28	.703	6.65
		.686	.84			.600	-4.79	.756	6.86
						.700	-4.17		

ALPHA = 12.64 DEGREES DYNAMIC PRESSURE = 10.948 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.35	0.000	-1.51	.075	-3.69	.025	-1.27	.025	-10.16
.150	-5.95	.029	-5.36	.150	-4.73	.050	-1.51	.050	-8.04
.200	-5.35	.057	-4.46	.200	-2.91	.075	-2.05	.100	-6.47
.300	-5.44	.086	-3.36	.300	-3.42	.100	-2.36	.150	-6.49
.400	-4.98	.114	-3.02	.400	-2.66	.149	-2.26	.200	-5.75
.500	-5.85	.172	-2.31	.500	-5.03	.200	-1.93	.250	-4.55
.600	-5.13	.229	-2.12	.600	-3.46	.250	-4.31	.300	-3.81
.700	-3.69	.286	-1.94	.700	-1.66	.300	-4.51	.400	-2.61
.800	-3.77	.343	-1.95	.800	-2.10	.350	-2.46	.500	-1.87
		.400	-1.88			.400	-2.32	.600	-1.56
		.458	-1.31			.500	-2.02	.703	-1.68
		.571	-1.89			.600	-1.56	.826	-2.36
		.686	-2.19			.700	-1.55		
		.801	-1.48			.800	-1.54		
		.915	-1.82						
		.967	-1.69						
		.994	-3.15						
				LOWER	SURFACE				
.075	.92	.029	.84	.075	.28	.025	-.31	.025	.43
.150	.98	.057	1.01	.150	.91	.050	-.20	.050	2.11
.200	.95	.086	.99	.200	.98	.075	.08	.100	2.46
.300	.93	.114	1.01	.300	1.23	.100	-.03	.150	3.31
.400	.89	.172	1.00	.400	1.27	.150	.65	.200	3.88
.500	.87	.229	.94	.500	1.44	.200	.84	.250	4.26
.600	.79	.286	.96	.600	1.47	.250	.90	.300	4.19
.700	.66	.343	.94	.700	1.56	.300	.82	.400	4.77
.861	-.01	.400	.89	.861	1.20	.350	1.26	.500	3.48
		.458	.88			.400	1.40	.600	6.24
		.571	.88			.500	2.18	.703	6.80
		.686	.86			.600	-5.11	.756	6.67
						.700	-4.04		

ALPHA = 14.52 DEGREES DYNAMIC PRESSURE = 10.982 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.22	0.000	-1.74	.075	-2.12	.025	-1.11	.025	-10.47
.150	-5.10	.029	-5.94	.150	-1.91	.050	-1.53	.050	-8.13
.200	-5.27	.057	-4.79	.200	-2.37	.075	-2.05	.100	-6.81
.300	-5.72	.086	-3.15	.300	-3.02	.100	-2.10	.150	-5.58
.400	-4.62	.114	-3.30	.400	-2.48	.149	-2.72	.200	-5.29
.500	-3.69	.172	-1.82	.500	-1.35	.200	-2.25	.250	-4.59
.600	-4.79	.229	-1.66	.600	-2.76	.250	-1.76	.300	-3.63
.700	-5.02	.286	-1.25	.700	-3.31	.300	-2.27	.400	-2.21
.800	-3.18	.343	-1.65	.800	-1.68	.350	-2.39	.500	-1.57
		.400	-1.49			.400	-1.97	.600	-1.72
		.458	-2.20			.500	-1.36	.703	-1.74
		.571	-1.62			.600	-1.48	.826	-1.91
		.686	-1.01			.700	-1.67		
		.801	-1.43			.800	-1.67		
		.915	-1.72						
		.967	-1.38						
		.994	-1.34						
				LOWER	SURFACE				
.075	.74	.029	.83	.075	.34	.025	-.52	.025	.43
.150	.94	.057	1.01	.150	.86	.050	-.05	.050	2.38
.200	1.02	.086	.97	.200	1.03	.075	.06	.100	2.62
.300	.93	.114	.95	.300	1.14	.100	.10	.150	3.34
.400	.93	.172	.98	.400	1.23	.150	.68	.200	3.71
.500	.88	.229	.96	.500	1.38	.200	.92	.250	4.00
.600	.83	.286	.94	.600	1.54	.250	.84	.300	4.24
.700	.70	.343	.91	.700	1.52	.300	.81	.400	5.27
.861	.10	.400	.88	.861	1.35	.350	1.22	.500	3.60
		.458	.87			.400	1.45	.600	5.75
		.571	.86			.500	2.21	.703	6.66
		.686	.88			.600	-4.33	.756	6.70
						.700	-3.74		

ALPHA = 16.41 DEGREES DYNAMIC PRESSURE = 10.978 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.16	0.000	-.92	.075	-2.53	.025	-1.14	.025	-9.84
.150	-5.49	.029	-4.59	.150	-2.34	.050	-1.55	.050	-8.26
.200	-4.81	.057	-4.31	.200	-1.83	.075	-1.80	.100	-6.58
.300	-5.08	.086	-2.40	.300	-2.13	.100	-2.08	.150	-5.56
.400	-4.65	.114	-1.97	.400	-1.99	.149	-2.25	.200	-4.95
.500	-4.31	.172	-2.51	.500	-1.89	.200	-1.97	.250	-4.31
.600	-3.92	.229	-2.04	.600	-1.80	.250	-1.88	.300	-3.71
.700	-3.55	.286	-1.23	.700	-1.53	.300	-2.08	.400	-2.51
.800	-2.70	.343	-1.31	.800	-1.26	.350	-2.07	.500	-1.56
		.400	-1.07			.400	-2.11	.600	-1.44
		.458	-1.22			.500	-1.76	.703	-1.53
		.571	-1.15			.600	-1.35	.826	-1.93
		.686	-1.18			.700	-1.40		
		.801	-1.22			.800	-1.26		
		.915	-1.29						
		.967	-1.11						
		.994	-1.59						
				LOWER	SURFACE				
.075	.81	.029	.82	.075	.52	.025	-.37	.025	.60
.150	1.02	.057	.90	.150	.96	.050	-.10	.050	2.43
.200	1.00	.086	.96	.200	1.06	.075	.28	.100	2.59
.300	.99	.114	.99	.300	1.16	.100	.18	.150	3.34
.400	.90	.172	1.01	.400	1.16	.150	.75	.200	3.65
.500	.87	.229	.92	.500	1.34	.200	.88	.250	3.69
.600	.80	.286	.93	.600	1.53	.250	.91	.300	4.46
.700	.69	.343	.91	.700	1.63	.300	.82	.400	4.75
.861	.16	.400	.94	.861	1.30	.350	1.24	.500	3.57
		.458	.87			.400	1.39	.600	5.48
		.571	.83			.500	2.22	.703	6.61
		.686	.92			.600	-4.40	.756	6.63
						.700	-3.70		

ALPHA = 18.26 DEGREES DYNAMIC PRESSURE = 10.998 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.57	0.000	-.32	.075	-1.31	.025	-.98	.025	-10.10
.150	-5.08	.029	-4.10	.150	-1.80	.050	-1.11	.050	-8.04
.200	-3.10	.057	-2.86	.200	-2.50	.075	-1.91	.100	-6.53
.300	-7.13	.086	-2.21	.300	-2.93	.100	-1.91	.150	-5.28
.400	-4.85	.114	-2.12	.400	-2.04	.149	-1.83	.200	-4.96
.500	-3.75	.172	-1.53	.500	-1.38	.200	-1.75	.250	-4.15
.600	-3.32	.229	-1.50	.600	-1.43	.250	-1.54	.300	-3.28
.700	-3.05	.286	-1.20	.700	-1.31	.300	-1.80	.400	-2.45
.800	-2.44	.343	-1.09	.800	-1.03	.350	-1.77	.500	-1.58
		.400	-.95			.400	-1.41	.600	-1.68
		.458	-.93			.500	-1.50	.703	-1.64
		.571	-1.03			.600	-1.56	.826	-1.91
		.686	-.97			.700	-1.68		
		.801	-1.37			.800	-.94		
		.915	-1.74						
		.967	-1.71						
		.994	-1.19						
				LOWER	SURFACE				
.075	.84	.029	.86	.075	.44	.025	-.35	.025	.62
.150	.98	.057	.96	.150	.94	.050	.07	.050	2.43
.200	1.01	.086	.97	.200	1.06	.075	.31	.100	2.45
.300	.98	.114	1.00	.300	1.17	.100	.14	.150	3.23
.400	.94	.172	1.02	.400	1.30	.150	.65	.200	3.72
.500	.86	.229	.97	.500	1.30	.200	.91	.250	4.28
.600	.85	.286	.98	.600	1.51	.250	.95	.300	4.25
.700	.75	.343	.97	.700	1.53	.300	.78	.400	4.95
.861	.21	.400	.93	.861	1.31	.350	1.26	.500	3.82
		.458	.96			.400	1.43	.600	5.66
		.571	.92			.500	2.20	.703	6.82
		.686	.93			.600	-4.07	.756	6.75
						.700	-4.03		

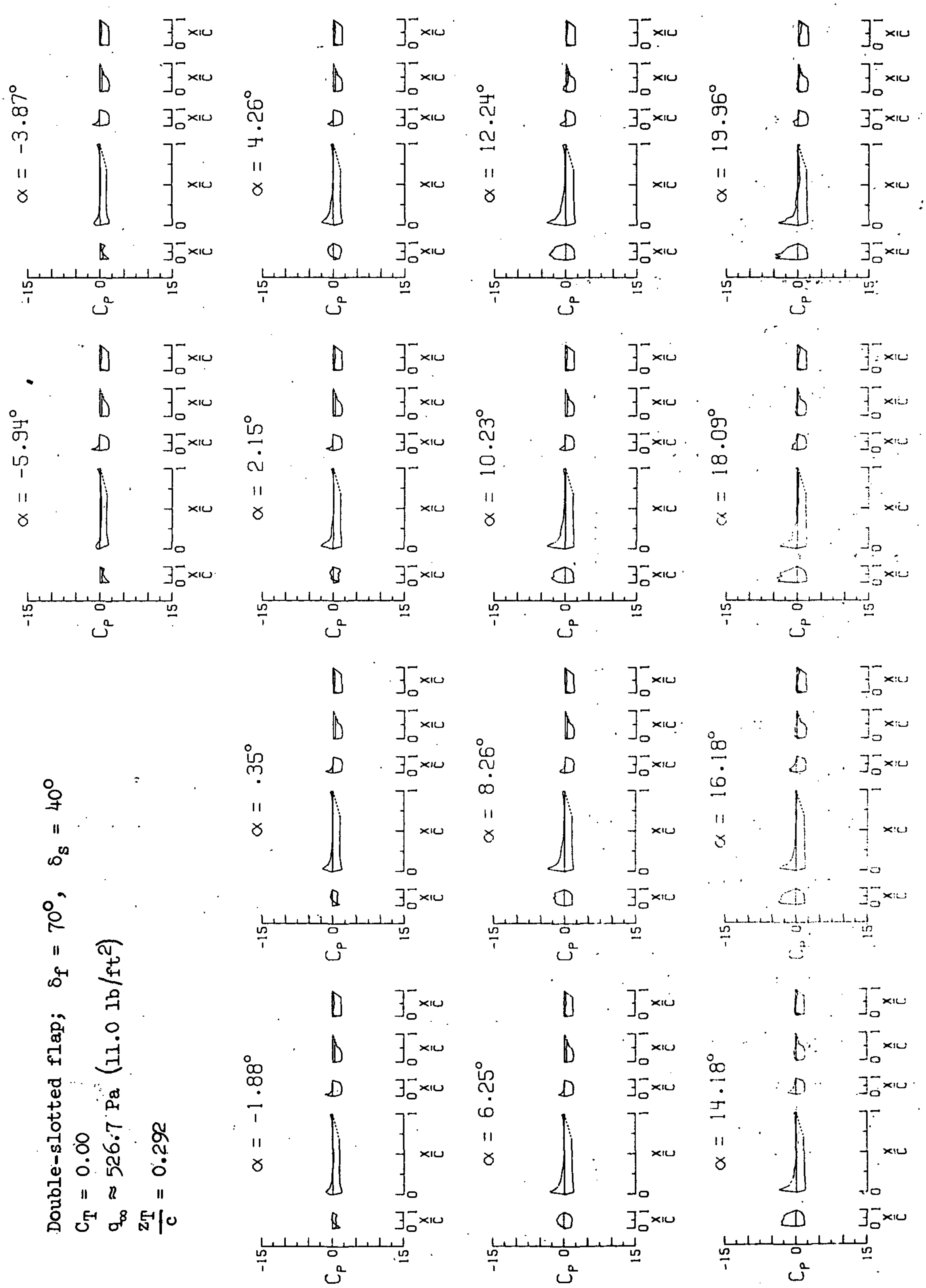
ALPHA = 20.03 DEGREES DYNAMIC PRESSURE = 10.959 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.34	0.000	-.47	.075	-1.41	.025	-.95	.025	-9.31
.150	-1.54	.029	-.90	.150	-1.34	.050	-1.14	.050	-7.64
.200	-3.29	.057	-2.09	.200	-1.47	.075	-1.63	.100	-6.05
.300	-1.51	.086	-2.41	.300	-1.27	.100	-1.46	.150	-5.34
.400	-1.50	.114	-.98	.400	-1.24	.149	-1.57	.200	-4.66
.500	-1.75	.172	-.90	.500	-1.23	.200	-1.38	.250	-4.09
.600	-2.67	.229	-1.28	.600	-1.39	.250	-1.64	.300	-3.25
.700	-2.39	.286	-.74	.700	-1.35	.300	-1.46	.400	-2.11
.800	-1.63	.343	-.95	.800	-1.12	.350	-1.68	.500	-1.46
		.400	-.87			.400	-1.29	.600	-1.04
		.458	-1.07			.500	-1.25	.703	-1.30
		.571	-1.04			.600	-1.14	.826	-1.77
		.686	-.82			.700	-.87		
		.801	-.78			.800	-1.12		
		.915	-.69						
		.967	-.86						
		.994	-.84						
				LOWER	SURFACE				
.075	.82	.029	.93	.075	.60	.025	-.33	.025	.55
.150	1.02	.057	.96	.150	.98	.050	.08	.050	2.31
.200	1.03	.086	1.03	.200	1.14	.075	.31	.100	2.57
.300	1.03	.114	.99	.300	1.21	.100	.26	.150	3.22
.400	.97	.172	.99	.400	1.26	.150	.70	.200	3.53
.500	.95	.229	.94	.500	1.43	.200	.91	.250	4.23
.600	.89	.286	.96	.600	1.55	.250	1.02	.300	4.29
.700	.88	.343	.94	.700	1.54	.300	.87	.400	4.55
.861	.51	.400	.95	.861	1.39	.350	1.23	.500	3.70
		.458	.95			.400	1.46	.600	5.57
		.571	.96			.500	2.14	.703	6.70
		.686	.96			.600	-4.37	.756	6.68
						.700	-3.37		

APPENDIX M

PRESSURE DATA FOR $\delta_f = 70^o$, $\delta_s = 40^o$, AND MEDIUM PYLON

The pressure measurements made on the wing with the double-slotted flap and the leading-edge slat deflected ($\delta_f = 70^o$ and $\delta_s = 40^o$) are presented in this appendix in coefficient form in graphs and tables. The data are for the medium-length pylon and are arranged in order of increasing thrust coefficient.


Double-slotted flap; δf = 70°, δs = 40°
CT = 0.00
q∞ ≈ 526.7 Pa (11.0 lb/ft²)
zT/c = 0.292
α = -3.87°
α = -5.94°
α = 4.26°
α = 2.15°
α = .35°
α = -1.88°
α = 12.24°
α = 10.23°
α = 8.26°
α = 6.25°
α = 19.96°
α = 18.09°
α = 16.18°
α = 14.18°
Cp
x/c

ALPHA = -5.95 DEGREES DYNAMIC PRESSURE = 10.962 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.98	0.000	-.46	.075	-1.82	.025	.36	.025	1.03
.150	1.72	.029	-.81	.150	-.82	.050	.26	.050	.19
.200	1.47	.057	-.57	.200	-.56	.075	.46	.100	.17
.300	1.18	.086	-.21	.300	-.26	.100	.45	.150	.15
.400	.92	.114	-.11	.400	-.12	.149	.43	.200	.13
.500	.67	.172	.12	.500	-.07	.200	.41	.250	.19
.600	.48	.229	.07	.600	-.03	.250	.45	.300	.27
.700	.44	.286	.14	.700	-.04	.300	.46	.400	.31
.800	.46	.343	.19	.800	-.07	.350	.43	.500	.40
		.400	.29			.400	.39	.600	.33
		.458	.30			.500	.40	.703	.33
		.571	.29			.600	.45	.826	.34
		.686	.21			.700	.42		
		.801	.14			.800	.43		
		.915	-.01						
		.967	-.27						
		.994	-.56						
				LOWER	SURFACE				
.075	.56	.029	.97	.075	1.34	.025	1.66	.025	1.96
.150	.50	.057	1.92	.150	1.84	.050	1.80	.050	1.95
.200	.47	.086	1.80	.200	1.95	.075	1.90	.100	1.95
.300	.39	.114	1.66	.300	1.99	.100	1.93	.150	1.94
.400	.41	.172	1.46	.400	1.96	.150	1.99	.200	1.92
.500	.45	.229	1.37	.500	1.96	.200	1.98	.250	1.91
.600	.46	.286	1.35	.600	1.94	.250	1.95	.300	1.89
.700	.66	.343	1.36	.700	1.88	.300	1.92	.400	1.87
.861	.90	.400	1.35	.861	1.58	.350	1.85	.500	1.84
		.458	1.36			.400	1.77	.600	1.84
		.571	1.41			.500	1.51	.703	1.82
		.686	1.46			.600	.82	.756	1.81
						.700	.74		

ALPHA = -3.88 DEGREES DYNAMIC PRESSURE = 10.910 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.92	0.000	-.96	.075	-1.66	.025	.38	.025	.59
.150	1.53	.029	-1.32	.150	-.81	.050	.31	.050	.22
.200	1.27	.057	-.92	.200	-.56	.075	.47	.100	.19
.300	.88	.086	-.49	.300	-.22	.100	.47	.150	.16
.400	.64	.114	-.31	.400	-.13	.149	.44	.200	.16
.500	.42	.172	-.06	.500	-.07	.200	.46	.250	.22
.600	.23	.229	-.06	.600	-.03	.250	.46	.300	.30
.700	.25	.286	.02	.700	-.03	.300	.46	.400	.33
.800	.29	.343	.08	.800	-.05	.350	.45	.500	.41
		.400	.21			.400	.45	.600	.40
		.458	.21			.500	.46	.703	.39
		.571	.21			.600	.47	.826	.35
		.686	.17			.700	.45		
		.801	.10			.800	.44		
		.915	-.03						
		.967	-.32						
		.994	-.57						
				LOWER	SURFACE				
.075	.62	.029	1.87	.075	1.38	.025	1.64	.025	1.96
.150	.62	.057	1.90	.150	1.84	.050	1.78	.050	1.95
.200	.64	.086	1.75	.200	1.93	.075	1.89	.100	1.95
.300	.57	.114	1.62	.300	1.97	.100	1.92	.150	1.94
.400	.52	.172	1.47	.400	1.97	.150	1.95	.200	1.94
.500	.50	.229	1.39	.500	1.96	.200	1.97	.250	1.90
.600	.53	.286	1.36	.600	1.92	.250	1.94	.300	1.87
.700	.67	.343	1.39	.700	1.87	.300	1.93	.400	1.87
.861	1.08	.400	1.35	.861	1.57	.350	1.87	.500	1.85
		.458	1.40			.400	1.80	.600	1.84
		.571	1.43			.500	1.52	.703	1.82
		.686	1.48			.600	.84	.756	1.80
						.700	.75		

ALPHA = -1.89 DEGREES DYNAMIC PRESSURE = 10.917 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.74	0.000	-.46	.075	-1.70	.025	.39	.025	.99
.150	1.40	.029	-1.55	.150	-.74	.050	.31	.050	.19
.200	1.11	.057	-1.12	.200	-.49	.075	.47	.100	.19
.300	.51	.086	-.68	.300	-.20	.100	.47	.150	.18
.400	.20	.114	-.52	.400	-.07	.149	.45	.200	.16
.500	.07	.172	-.19	.500	-.03	.200	.45	.250	.23
.600	-.21	.229	-.21	.600	-.01	.250	.47	.300	.32
.700	.01	.286	-.06	.700	-.06	.300	.42	.400	.33
.800	.04	.343	.03	.800	-.01	.350	.47	.500	.44
		.400	.13			.400	.43	.600	.39
		.458	.16			.500	.41	.703	.35
		.571	.15			.600	.39	.826	.31
		.686	.09			.700	.38		
		.801	.09			.800	.45		
		.915	-.08						
		.967	-.29						
		.994	-.53						
				LOWER	SURFACE				
.075	.72	.029	1.97	.075	1.39	.025	1.61	.025	1.94
.150	.82	.057	1.87	.150	1.85	.050	1.75	.050	1.95
.200	.80	.086	1.71	.200	1.89	.075	1.85	.100	1.95
.300	.73	.114	1.59	.300	1.96	.100	1.90	.150	1.92
.400	.85	.172	1.48	.400	1.95	.150	1.95	.200	1.92
.500	.73	.229	1.42	.500	1.94	.200	1.95	.250	1.91
.600	.77	.286	1.39	.600	1.90	.250	1.92	.300	1.89
.700	.76	.343	1.39	.700	1.85	.300	1.91	.400	1.86
.861	1.01	.400	1.42	.861	1.57	.350	1.86	.500	1.84
		.458	1.44			.400	1.78	.600	1.84
		.571	1.45			.500	1.49	.703	1.83
		.686	1.46			.600	.79	.756	1.80
						.700	.72		

ALPHA = .35 DEGREES DYNAMIC PRESSURE = 10.933 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.56	0.000	-.24	.075	-1.58	.025	.38	.025	.73
.150	.83	.029	-2.12	.150	-.73	.050	.29	.050	.21
.200	.64	.057	-1.53	.200	-.52	.075	.42	.100	.17
.300	.20	.086	-.90	.300	-.19	.100	.44	.150	.12
.400	-.08	.114	-.70	.400	-.08	.149	.45	.200	.15
.500	-.37	.172	-.34	.500	-.02	.200	.45	.250	.22
.600	-.39	.229	-.30	.600	-.02	.250	.44	.300	.27
.700	-.26	.286	-.16	.700	-.00	.300	.45	.400	.34
.800	-.22	.343	-.11	.800	-.06	.350	.43	.500	.40
		.400	.05			.400	.41	.600	.37
		.458	.07			.500	.46	.703	.37
		.571	.09			.600	.44	.826	.34
		.686	.07			.700	.42		
		.801	.07			.800	.45		
		.915	-.10						
		.967	-.30						
		.994	-.50						
				LOWER	SURFACE				
.075	1.00	.029	1.98	.075	1.43	.025	1.60	.025	1.92
.150	1.05	.057	1.83	.150	1.86	.050	1.76	.050	1.92
.200	1.04	.086	1.73	.200	1.93	.075	1.84	.100	1.94
.300	1.02	.114	1.67	.300	1.96	.100	1.88	.150	1.93
.400	.97	.172	1.51	.400	1.94	.150	1.94	.200	1.91
.500	.97	.229	1.51	.500	1.93	.200	1.92	.250	1.91
.600	.96	.286	1.46	.600	1.91	.250	1.93	.300	1.88
.700	1.16	.343	1.52	.700	1.85	.300	1.90	.400	1.85
.861	1.10	.400	1.46	.861	1.57	.350	1.85	.500	1.84
		.458	1.51			.400	1.79	.600	1.83
		.571	1.51			.500	1.56	.703	1.82
		.686	1.52			.600	.83	.756	1.80
						.700	.80		

ALPHA = 2.16 DEGREES DYNAMIC PRESSURE = 10.926 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.34	0.000	-.02	.075	-1.51	.025	.40	.025	1.01
.150	.56	.029	-2.48	.150	-.77	.050	.32	.050	.26
.200	-.15	.057	-1.94	.200	-.50	.075	.50	.100	.26
.300	-.48	.086	-1.19	.300	-.07	.100	.51	.150	.25
.400	-.28	.114	-.78	.400	-.02	.149	.49	.200	.21
.500	-.42	.172	-.42	.500	-.04	.200	.40	.250	.17
.600	-.72	.229	-.45	.600	-.00	.250	.42	.300	.34
.700	-.67	.286	-.32	.700	-.00	.300	.45	.400	.34
.800	-.42	.343	-.17	.800	-.02	.350	.46	.500	.44
		.400	-.04			.400	.46	.600	.42
		.458	.02			.500	.47	.703	.39
		.571	.08			.600	.50	.826	.39
		.686	.04			.700	.46		
		.801	.03			.800	.47		
		.915	-.05						
		.967	-.31						
		.994	-.52						
				LOWER	SURFACE				
.075	1.17	.029	1.96	.075	1.44	.025	1.65	.025	1.94
.150	1.13	.057	1.89	.150	1.86	.050	1.73	.050	1.95
.200	1.24	.086	1.80	.200	1.92	.075	1.86	.100	1.95
.300	1.15	.114	1.72	.300	1.97	.100	1.90	.150	1.91
.400	1.10	.172	1.64	.400	1.96	.150	1.95	.200	1.93
.500	1.27	.229	1.53	.500	1.95	.200	1.95	.250	1.90
.600	1.01	.286	1.56	.600	1.89	.250	1.95	.300	1.90
.700	1.52	.343	1.51	.700	1.87	.300	1.94	.400	1.88
.861	1.39	.400	1.52	.861	1.55	.350	1.89	.500	1.85
		.458	1.52			.400	1.83	.600	1.86
		.571	1.54			.500	1.56	.703	1.85
		.686	1.55			.600	.87	.756	1.81
						.700	.80		

ALPHA = 4.27 DEGREES DYNAMIC PRESSURE = 10.936 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.77	0.000	.56	.075	-1.25	.025	.43	.025	1.00
.150	.30	.029	-2.56	.150	-.67	.050	.31	.050	.29
.200	-.40	.057	-2.08	.200	-.53	.075	.49	.100	.27
.300	-.82	.086	-1.35	.300	-.10	.100	.40	.150	.17
.400	-1.04	.114	-1.07	.400	.01	.149	.48	.200	.22
.500	-1.09	.172	-.66	.500	-.03	.200	.33	.250	.14
.600	-1.20	.229	-.59	.600	.06	.250	.46	.300	.32
.700	-1.00	.286	-.44	.700	.02	.300	.45	.400	.33
.800	-.89	.343	-.28	.800	.03	.350	.45	.500	.41
		.400	-.09			.400	.41	.600	.32
		.458	-.05			.500	.46	.703	.38
		.571	-.01			.600	.45	.826	.36
		.686	-.01			.700	.38		
		.801	.02			.800	.44		
		.915	-.10						
		.967	-.26						
		.994	-.47						
				LOWER	SURFACE				
.075	1.32	.029	1.96	.075	1.44	.025	1.61	.025	1.90
.150	1.34	.057	1.89	.150	1.86	.050	1.76	.050	1.93
.200	1.39	.086	1.83	.200	1.89	.075	1.83	.100	1.92
.300	1.51	.114	1.75	.300	1.94	.100	1.89	.150	1.91
.400	1.58	.172	1.66	.400	1.94	.150	1.93	.200	1.91
.500	1.63	.229	1.61	.500	1.92	.200	1.94	.250	1.90
.600	1.65	.286	1.57	.600	1.89	.250	1.92	.300	1.89
.700	1.60	.343	1.57	.700	1.84	.300	1.89	.400	1.89
.861	1.31	.400	1.54	.861	1.57	.350	1.85	.500	1.86
		.458	1.56			.400	1.83	.600	1.84
		.571	1.56			.500	1.56	.703	1.83
		.686	1.56			.600	.85	.756	1.82
						.700	.80		

ALPHA = 6.25 DEGREES DYNAMIC PRESSURE = 10.943 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.25	0.000	.56	.075	-1.29	.025	.45	.025	.58
.150	-.77	.029	-3.15	.150	-.69	.050	.38	.050	.36
.200	-.61	.057	-2.25	.200	-.49	.075	.48	.100	.27
.300	-1.24	.086	-1.57	.300	-.15	.100	.43	.150	.14
.400	-1.32	.114	-1.20	.400	-.03	.149	.39	.200	.15
.500	-1.54	.172	-.78	.500	.02	.200	.53	.250	.28
.600	-1.41	.229	-.64	.600	-.01	.250	.37	.300	.23
.700	-1.11	.286	-.49	.700	.01	.300	.45	.400	.30
.800	-1.01	.343	-.30	.800	.03	.350	.50	.500	.46
		.400	-.18			.400	.46	.600	.39
		.458	-.13			.500	.35	.703	.27
		.571	-.05			.600	.50	.826	.40
		.686	-.06			.700	.41		
		.801	.01			.800	.49		
		.915	-.13						
		.967	-.31						
		.994	-.48						
				LOWER	SURFACE				
.075	1.50	.029	1.96	.075	1.45	.025	1.62	.025	1.91
.150	1.55	.057	1.92	.150	1.86	.050	1.75	.050	1.94
.200	1.61	.086	1.85	.200	1.91	.075	1.84	.100	1.93
.300	1.58	.114	1.87	.300	1.95	.100	1.89	.150	1.93
.400	1.66	.172	1.70	.400	1.93	.150	1.92	.200	1.91
.500	1.71	.229	1.67	.500	1.92	.200	1.96	.250	1.90
.600	1.71	.286	1.64	.600	1.90	.250	1.92	.300	1.89
.700	1.62	.343	1.58	.700	1.83	.300	1.94	.400	1.88
.861	1.24	.400	1.58	.861	1.54	.350	1.84	.500	1.84
		.458	1.56			.400	1.85	.600	1.85
		.571	1.59			.500	1.58	.703	1.82
		.686	1.59			.600	.88	.756	1.82
						.700	.79		

ALPHA = 8.26 DEGREES DYNAMIC PRESSURE = 10.939 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.22	0.000	.32	.075	-1.14	.025	.44	.025	.98
.150	-1.61	.029	-3.56	.150	-.85	.050	.26	.050	.36
.200	-1.88	.057	-2.73	.200	-.60	.075	.37	.100	.17
.300	-1.91	.086	-1.78	.300	-.10	.100	.46	.150	.22
.400	-1.87	.114	-1.38	.400	.02	.149	.41	.200	.22
.500	-2.27	.172	-.97	.500	.03	.200	.38	.250	.19
.600	-1.75	.229	-.78	.600	-.00	.250	.37	.300	.22
.700	-2.02	.286	-.70	.700	.07	.300	.50	.400	.40
.800	-1.96	.343	-.50	.800	.05	.350	.46	.500	.44
		.400	-.28			.400	.46	.600	.40
		.458	-.22			.500	.45	.703	.37
		.571	-.12			.600	.44	.826	.36
		.686	-.09			.700	.44		
		.801	-.05			.800	.46		
		.915	-.16						
		.967	-.35						
		.994	-.46						
				LOWER	SURFACE				
.075	1.77	.029	1.94	.075	1.42	.025	1.58	.025	1.88
.150	1.66	.057	1.91	.150	1.82	.050	1.73	.050	1.94
.200	1.69	.086	1.87	.200	1.91	.075	1.80	.100	1.92
.300	1.68	.114	1.82	.300	1.92	.100	1.85	.150	1.93
.400	1.69	.172	1.74	.400	1.93	.150	1.90	.200	1.90
.500	1.69	.229	1.67	.500	1.90	.200	1.94	.250	1.90
.600	1.70	.286	1.68	.600	1.89	.250	1.91	.300	1.89
.700	1.61	.343	1.60	.700	1.82	.300	1.92	.400	1.89
.861	1.21	.400	1.59	.861	1.55	.350	1.88	.500	1.86
		.458	1.61			.400	1.81	.600	1.86
		.571	1.58			.500	1.56	.703	1.84
		.686	1.58			.600	.83	.756	1.82
						.700	.76		

ALPHA = 10.23 DEGREES DYNAMIC PRESSURE = 10.957 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.65	0.000	.22	.075	-1.26	.025	.38	.025	1.02
.150	-2.02	.029	-3.81	.150	-.84	.050	.26	.050	.34
.200	-2.34	.057	-2.99	.200	-.63	.075	.42	.100	.20
.300	-3.01	.086	-2.01	.300	-.14	.100	.40	.150	.16
.400	-2.33	.114	-1.57	.400	.07	.149	.53	.200	.28
.500	-2.44	.172	-1.05	.500	.05	.200	.52	.250	.30
.600	-2.47	.229	-.97	.600	.03	.250	.46	.300	.31
.700	-2.38	.286	-.80	.700	.02	.300	.41	.400	.28
.800	-1.84	.343	-.52	.800	.04	.350	.51	.500	.45
		.400	-.38			.400	.47	.600	.41
		.458	-.32			.500	.47	.703	.39
		.571	-.17			.600	.50	.826	.44
		.686	-.13			.700	.44		
		.801	-.11			.800	.48		
		.915	-.16						
		.967	-.32						
		.994	-.46						
				LOWER	SURFACE				
.075	1.90	.029	1.88	.075	1.43	.025	1.55	.025	1.89
.150	1.82	.057	1.91	.150	1.83	.050	1.69	.050	1.91
.200	1.74	.086	1.85	.200	1.89	.075	1.76	.100	1.89
.300	1.75	.114	1.83	.300	1.93	.100	1.83	.150	1.91
.400	1.71	.172	1.77	.400	1.92	.150	1.88	.200	1.90
.500	1.69	.229	1.73	.500	1.88	.200	1.89	.250	1.89
.600	1.69	.286	1.69	.600	1.87	.250	1.88	.300	1.88
.700	1.59	.343	1.67	.700	1.82	.300	1.88	.400	1.85
.861	1.16	.400	1.65	.861	1.52	.350	1.86	.500	1.83
		.458	1.62			.400	1.83	.600	1.82
		.571	1.58			.500	1.60	.703	1.83
		.686	1.63			.600	.79	.756	1.82
						.700	.75		

ALPHA = 12.25 DEGREES DYNAMIC PRESSURE = 10.962 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.52	0.000	.14	.075	-1.15	.025	.24	.025	1.00
.150	-2.55	.029	-4.00	.150	-1.20	.050	-.32	.050	.16
.200	-2.85	.057	-3.14	.200	-.94	.075	-.61	.100	.02
.300	-3.50	.086	-2.05	.300	-.29	.100	-.57	.150	.04
.400	-3.11	.114	-1.76	.400	.04	.149	-.45	.200	-.01
.500	-2.85	.172	-1.12	.500	.00	.200	-.44	.250	.05
.600	-2.70	.229	-1.00	.600	-.16	.250	.20	.300	.10
.700	-2.42	.286	-.75	.700	-.16	.300	.35	.400	.13
.800	-2.28	.343	-.59	.800	-.11	.350	.38	.500	.27
		.400	-.42			.400	.38	.600	.28
		.458	-.28			.500	.47	.703	.36
		.571	-.18			.600	.44	.826	.37
		.686	-.11			.700	.33		
		.801	-.06			.800	.39		
		.915	-.22						
		.967	-.47						
		.994	-.65						
				LOWER	SURFACE				
.075	1.94	.029	1.90	.075	1.41	.025	1.58	.025	1.90
.150	1.87	.057	1.98	.150	1.87	.050	1.73	.050	1.98
.200	1.87	.086	1.96	.200	1.92	.075	1.82	.100	1.95
.300	1.82	.114	1.91	.300	1.96	.100	1.87	.150	1.95
.400	1.79	.172	1.86	.400	1.98	.150	1.94	.200	1.94
.500	1.77	.229	1.83	.500	1.93	.200	1.96	.250	1.93
.600	1.72	.286	1.76	.600	1.90	.250	1.95	.300	1.92
.700	1.63	.343	1.74	.700	1.85	.300	1.96	.400	1.93
.861	1.12	.400	1.73	.861	1.54	.350	1.93	.500	1.88
		.458	1.70			.400	1.89	.600	1.88
		.571	1.65			.500	1.65	.703	1.87
		.686	1.67			.600	.75	.756	1.85
						.700	.69		

ALPHA = 14.19 DEGREES DYNAMIC PRESSURE = 10.935 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.07	0.000	.18	.075	-1.63	.025	.29	.025	1.00
.150	-2.90	.029	-3.64	.150	-1.65	.050	-.11	.050	.06
.200	-2.76	.057	-2.53	.200	-1.14	.075	-.30	.100	-.14
.300	-2.96	.086	-1.54	.300	-.94	.100	-.31	.150	-.15
.400	-2.71	.114	-1.27	.400	-.51	.149	-.31	.200	-.07
.500	-2.49	.172	-.72	.500	-.50	.200	-.41	.250	-.13
.600	-2.49	.229	-.46	.600	-.25	.250	-.32	.300	-.05
.700	-2.30	.286	-.45	.700	-.26	.300	-.44	.400	-.07
.800	-1.81	.343	-.19	.800	-.10	.350	-.43	.500	.15
		.400	-.06			.400	-.31	.600	.17
		.458	-.01			.500	-.01	.703	.25
		.571	-.06			.600	.09	.826	.51
		.686	.11			.700	.03		
		.801	-.05			.800	.15		
		.915	-.06						
		.967	-.32						
		.994	-.37						
				LOWER	SURFACE				
.075	1.94	.029	1.92	.075	1.43	.025	1.56	.025	1.88
.150	1.89	.057	1.97	.150	1.84	.050	1.72	.050	1.93
.200	1.84	.086	1.94	.200	1.91	.075	1.81	.100	1.92
.300	1.87	.114	1.95	.300	1.95	.100	1.87	.150	1.96
.400	1.80	.172	1.85	.400	1.95	.150	1.95	.200	1.94
.500	1.75	.229	1.82	.500	1.91	.200	1.97	.250	1.95
.600	1.76	.286	1.79	.600	1.92	.250	2.00	.300	1.94
.700	1.66	.343	1.77	.700	1.84	.300	1.94	.400	1.91
.861	1.21	.400	1.72	.861	1.55	.350	1.94	.500	1.92
		.458	1.72			.400	1.92	.600	1.88
		.571	1.70			.500	1.66	.703	1.88
		.686	1.69			.600	.60	.756	1.87
						.700	.59		

ALPHA = 16.18 DEGREES DYNAMIC PRESSURE = 10.954 LBF/SQ.FT.

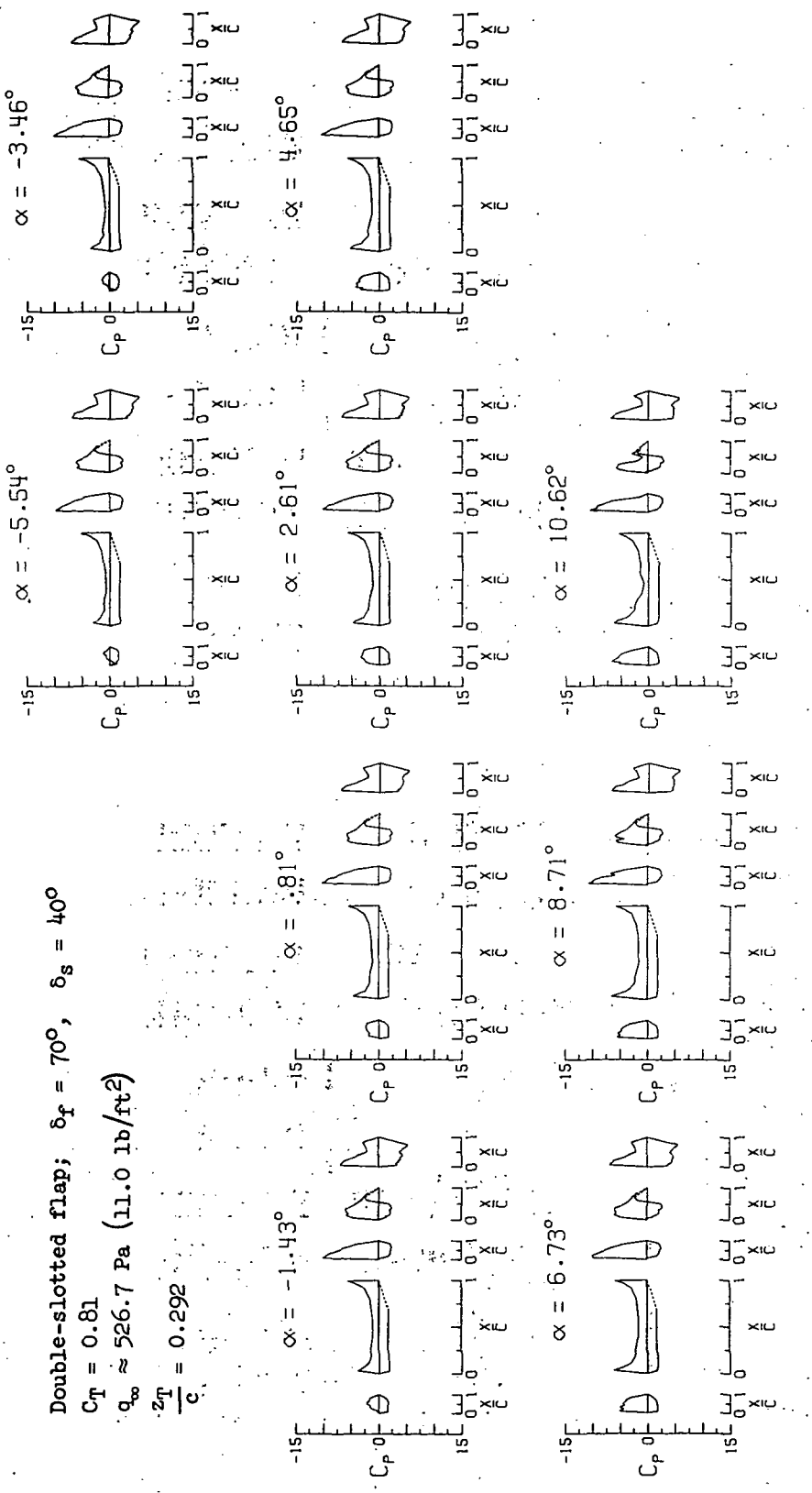
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.27	0.000	.16	.075	-1.52	.025	.24	.025	.98
.150	-3.40	.029	-3.51	.150	-.99	.050	-.03	.050	-.03
.200	-3.66	.057	-2.97	.200	-1.55	.075	-.54	.100	-.18
.300	-3.18	.086	-1.54	.300	-.96	.100	-.42	.150	-.16
.400	-3.19	.114	-1.27	.400	-.59	.149	-.49	.200	-.22
.500	-3.07	.172	-.72	.500	-.42	.200	-.36	.250	-.12
.600	-2.90	.229	-.56	.600	-.28	.250	-.26	.300	-.01
.700	-2.49	.286	-.29	.700	-.14	.300	-.42	.400	-.01
.800	-1.68	.343	-.22	.800	-.03	.350	-.37	.500	.19
		.400	-.04			.400	-.36	.600	.15
		.458	-.06			.500	-.12	.703	.21
		.571	-.05			.600	.04	.826	.60
		.686	.13			.700	.01		
		.801	.01			.800	.13		
		.915	.15						
		.967	-.04						
		.994	-.09						
				LOWER	SURFACE				
.075	1.96	.029	1.87	.075	1.45	.025	1.63	.025	1.90
.150	1.94	.057	1.95	.150	1.86	.050	1.71	.050	1.97
.200	1.93	.086	1.94	.200	1.93	.075	1.80	.100	1.98
.300	1.87	.114	1.94	.300	1.96	.100	1.88	.150	1.96
.400	1.83	.172	1.91	.400	1.96	.150	1.90	.200	1.94
.500	1.82	.229	1.85	.500	1.95	.200	1.95	.250	1.94
.600	1.76	.286	1.82	.600	1.90	.250	1.98	.300	1.92
.700	1.64	.343	1.79	.700	1.83	.300	1.99	.400	1.91
.861	1.19	.400	1.76	.861	1.56	.350	1.95	.500	1.93
		.458	1.75			.400	1.90	.600	1.93
		.571	1.71			.500	1.66	.703	1.89
		.686	1.69			.600	.66	.756	1.88
						.700	.57		

ALPHA = 18.10 DEGREES DYNAMIC PRESSURE = 10.952 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.22	0.000	.05	.075	-1.27	.025	.27	.025	.96
.150	-3.64	.029	-3.48	.150	-.92	.050	-.05	.050	.13
.200	-3.86	.057	-2.77	.200	-.75	.075	-.20	.100	-.05
.300	-4.36	.086	-2.21	.300	-1.03	.100	-.31	.150	.04
.400	-3.10	.114	-1.09	.400	-.37	.149	-.31	.200	-.06
.500	-3.69	.172	-1.01	.500	-.35	.200	-.36	.250	.12
.600	-3.56	.229	-.95	.600	-.23	.250	-.09	.300	.24
.700	-2.65	.286	-.57	.700	-.09	.300	-.16	.400	.16
.800	-1.65	.343	-.01	.800	.20	.350	-.14	.500	.28
		.400	.01			.400	-.13	.600	.32
		.458	-.30			.500	.09	.703	.43
		.571	.19			.600	.17	.826	.63
		.686	.02			.700	.06		
		.801	.18			.800	.20		
		.915	.18						
		.967	-.46						
		.994	-.43						
				LOWER	SURFACE				
.075	1.95	.029	1.87	.075	1.57	.025	1.63	.025	1.92
.150	1.98	.057	1.97	.150	1.91	.050	1.73	.050	2.02
.200	1.97	.086	2.01	.200	1.99	.075	1.83	.100	2.01
.300	1.91	.114	1.95	.300	2.00	.100	1.91	.150	2.02
.400	1.90	.172	1.95	.400	2.03	.150	1.96	.200	1.98
.500	1.86	.229	1.93	.500	1.98	.200	2.00	.250	1.99
.600	1.78	.286	1.84	.600	1.96	.250	1.97	.300	1.98
.700	1.63	.343	1.84	.700	1.88	.300	1.94	.400	1.96
.861	1.07	.400	1.84	.861	1.58	.350	1.98	.500	1.92
		.458	1.81			.400	1.91	.600	1.93
		.571	1.75			.500	1.69	.703	1.93
		.686	1.77			.600	.66	.756	1.89
						.700	.58		

ALPHA = 19.97 DEGREES DYNAMIC PRESSURE = 10.975 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.77	0.000	-.04	.075	-.86	.025	.40	.025	.15
.150	-4.31	.029	-4.09	.150	-.62	.050	.07	.050	.26
.200	-3.57	.057	-2.63	.200	-.73	.075	-.17	.100	.06
.300	-4.79	.086	-2.23	.300	-1.04	.100	-.40	.150	.13
.400	-3.26	.114	-1.00	.400	-.22	.149	-.22	.200	-.03
.500	-3.05	.172	-.60	.500	.20	.200	.00	.250	.18
.600	-2.71	.229	-.30	.600	.02	.250	-.14	.300	.10
.700	-2.39	.286	-.47	.700	-.05	.300	-.27	.400	.12
.800	-1.89	.343	-.28	.800	.23	.350	-.05	.500	.45
		.400	-.18			.400	-.06	.600	.51
		.458	.18			.500	.06	.703	.41
		.571	.46			.600	.22	.826	.74
		.686	.30			.700	.26		
		.801	.29			.800	.35		
		.915	-.06						
		.967	-.02						
		.994	.43						
				LOWER	SURFACE				
.075	1.88	.029	1.91	.075	1.64	.025	1.67	.025	2.01
.150	2.01	.057	2.01	.150	1.96	.050	1.80	.050	2.07
.200	2.00	.086	2.04	.200	2.03	.075	1.96	.100	2.04
.300	1.99	.114	2.06	.300	2.08	.100	1.96	.150	2.03
.400	1.97	.172	1.97	.400	2.08	.150	2.00	.200	2.05
.500	1.86	.229	1.94	.500	2.02	.200	2.03	.250	2.05
.600	1.83	.286	1.87	.600	1.98	.250	2.08	.300	2.01
.700	1.80	.343	1.96	.700	1.96	.300	2.04	.400	2.01
.861	1.23	.400	1.90	.861	1.62	.350	2.02	.500	2.03
		.458	1.83			.400	1.95	.600	1.98
		.571	1.83			.500	1.82	.703	1.98
		.686	1.80			.600	.80	.756	1.94
						.700	.64		


Double-slotted flap; $\delta_f = 70°$, $\delta_s = 40°$
$C_T = 0.81$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft2)
$\frac{z_T}{c} = 0.292$
$\alpha = -5.54°$
$\alpha = -3.46°$
$\alpha = -1.43°$
$\alpha = .81°$
$\alpha = 2.61°$
$\alpha = 4.65°$
$\alpha = 6.73°$
$\alpha = 8.71°$
$\alpha = 10.62°$
C_P
x/c

ALPHA = -5.55 DEGREES DYNAMIC PRESSURE = 10.895 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	1.10	0.000	.53	.075	-10.02	.025	-2.15	.025	-4.58
.150	.60	.029	-2.98	.150	-9.47	.050	-3.64	.050	-6.99
.200	.47	.057	-2.21	.200	-9.27	.075	-4.64	.100	-6.75
.300	-.31	.086	-1.69	.300	-8.82	.100	-5.18	.150	-6.52
.400	-.72	.114	-1.42	.400	-7.92	.149	-5.90	.200	-6.55
.500	-.61	.172	-.91	.500	-7.21	.200	-5.56	.250	-5.61
.600	-1.12	.229	-1.06	.600	-6.33	.250	-5.71	.300	-4.74
.700	-1.06	.286	-1.01	.700	-5.20	.300	-6.03	.400	-3.65
.800	-.55	.343	-.75	.800	-4.25	.350	-5.93	.500	-2.18
		.400	-.67			.400	-5.30	.600	-2.32
		.458	-.75			.500	-4.05	.703	-2.47
		.571	-.80			.600	-3.47	.826	-3.00
		.686	-1.14			.700	-2.88		
		.801	-1.45			.800	-2.33		
		.915	-2.39						
		.967	-3.83						
		.994	-5.38						
				LOWER	SURFACE				
.075	1.23	.029	1.91	.075	.28	.025	.37	.025	2.67
.150	1.30	.057	1.94	.150	1.59	.050	.80	.050	3.14
.200	1.17	.086	1.85	.200	1.91	.075	1.49	.100	2.84
.300	1.58	.114	1.80	.300	2.05	.100	1.39	.150	3.42
.400	1.63	.172	1.72	.400	2.13	.150	2.05	.200	3.59
.500	1.41	.229	1.71	.500	2.17	.200	2.25	.250	3.90
.600	1.57	.286	1.68	.600	2.29	.250	2.15	.300	3.78
.700	1.59	.343	1.69	.700	2.23	.300	1.90	.400	4.15
.861	1.16	.400	1.70	.861	1.94	.350	2.36	.500	3.85
		.458	1.72			.400	2.28	.600	4.26
		.571	1.75			.500	1.66	.703	5.10
		.686	1.75			.600	-2.10	.756	5.19
						.700	-2.82		

ALPHA = -3.47 DEGREES DYNAMIC PRESSURE = 10.966 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.98	0.000	.46	.075	-10.06	.025	-2.07	.025	-4.74
.150	.07	.029	-3.49	.150	-9.55	.050	-3.62	.050	-6.90
.200	-.23	.057	-2.78	.200	-9.47	.075	-4.66	.100	-6.88
.300	-.33	.086	-1.78	.300	-8.66	.100	-5.00	.150	-6.24
.400	-1.25	.114	-1.74	.400	-7.76	.149	-5.65	.200	-6.21
.500	-1.17	.172	-1.17	.500	-7.17	.200	-5.50	.250	-5.54
.600	-1.45	.229	-1.25	.600	-6.27	.250	-5.58	.300	-4.61
.700	-1.19	.286	-1.10	.700	-5.21	.300	-6.01	.400	-3.62
.800	-.97	.343	-.95	.800	-4.31	.350	-5.99	.500	-2.20
		.400	-.82			.400	-5.31	.600	-2.34
		.458	-.76			.500	-4.18	.703	-2.56
		.571	-.97			.600	-3.27	.826	-2.94
		.686	-1.22			.700	-2.98		
		.801	-1.51			.800	-2.18		
		.915	-2.50						
		.967	-3.97						
		.994	-5.53						
				LOWER	SURFACE				
.075	1.33	.029	1.92	.075	.25	.025	.22	.025	2.77
.150	1.24	.057	1.94	.150	1.59	.050	.81	.050	3.02
.200	1.45	.086	1.84	.200	1.88	.075	1.46	.100	3.19
.300	1.60	.114	1.80	.300	2.08	.100	1.42	.150	3.33
.400	1.65	.172	1.73	.400	2.09	.150	2.05	.200	3.69
.500	1.66	.229	1.72	.500	2.22	.200	2.23	.250	3.70
.600	1.66	.286	1.71	.600	2.29	.250	2.20	.300	3.71
.700	1.59	.343	1.69	.700	2.28	.300	1.94	.400	4.19
.861	1.20	.400	1.69	.861	1.97	.350	2.36	.500	3.82
		.458	1.69			.400	2.31	.600	4.35
		.571	1.71			.500	1.75	.703	5.01
		.686	1.71			.600	-2.06	.756	5.33
						.700	-2.66		

ALPHA = -1.43 DEGREES DYNAMIC PRESSURE = 10.966 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.18	0.000	.25	.075	-10.11	.025	-2.09	.025	-3.86
.150	-.36	.029	-3.83	.150	-9.57	.050	-3.60	.050	-6.83
.200	-.81	.057	-2.96	.200	-9.55	.075	-4.77	.100	-6.97
.300	-1.65	.086	-2.32	.300	-8.89	.100	-5.13	.150	-6.51
.400	-1.46	.114	-1.89	.400	-8.02	.149	-5.78	.200	-6.30
.500	-2.23	.172	-1.48	.500	-7.08	.200	-5.37	.250	-5.46
.600	-2.04	.229	-1.45	.600	-6.46	.250	-5.78	.300	-4.68
.700	-1.70	.286	-1.27	.700	-5.17	.300	-5.87	.400	-3.45
.800	-1.65	.343	-1.11	.800	-4.23	.350	-5.84	.500	-2.07
		.400	-1.00			.400	-5.07	.600	-2.12
		.458	-.95			.500	-4.14	.703	-2.46
		.571	-1.02			.600	-3.23	.826	-2.87
		.686	-1.32			.700	-2.85		
		.801	-1.60			.800	-2.24		
		.915	-2.56						
		.967	-4.06						
		.994	-5.53						
				LOWER	SURFACE				
.075	1.68	.029	1.88	.075	.26	.025	.33	.025	2.73
.150	1.60	.057	1.91	.150	1.58	.050	.80	.050	3.44
.200	1.63	.086	1.87	.200	1.85	.075	1.53	.100	3.08
.300	1.70	.114	1.87	.300	2.09	.100	1.31	.150	3.61
.400	1.69	.172	1.77	.400	2.14	.150	1.97	.200	3.63
.500	1.68	.229	1.76	.500	2.20	.200	2.15	.250	3.98
.600	1.67	.286	1.73	.600	2.29	.250	2.16	.300	3.82
.700	1.58	.343	1.75	.700	2.23	.300	1.90	.400	4.41
.861	1.10	.400	1.71	.861	2.04	.350	2.37	.500	3.88
		.458	1.72			.400	2.30	.600	4.47
		.571	1.73			.500	1.81	.703	5.33
		.686	1.75			.600	-2.10	.756	5.29
						.700	-2.57		

ALPHA = .81 DEGREES DYNAMIC PRESSURE = 10.942 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.76	0.000	.14	.075	-10.23	.025	-2.08	.025	-3.72
.150	-1.95	.029	-4.57	.150	-9.60	.050	-3.67	.050	-7.00
.200	-1.87	.057	-3.51	.200	-9.52	.075	-4.72	.100	-6.89
.300	-1.68	.086	-2.42	.300	-9.09	.100	-5.25	.150	-6.49
.400	-2.11	.114	-2.12	.400	-7.94	.149	-5.74	.200	-6.26
.500	-2.33	.172	-1.58	.500	-7.09	.200	-5.36	.250	-5.31
.600	-2.49	.229	-1.61	.600	-6.37	.250	-5.61	.300	-4.51
.700	-2.35	.286	-1.50	.700	-5.11	.300	-5.73	.400	-3.30
.800	-2.22	.343	-1.29	.800	-4.26	.350	-5.78	.500	-2.03
		.400	-1.10			.400	-5.05	.600	-2.11
		.458	-1.09			.500	-4.03	.703	-2.41
		.571	-1.15			.600	-3.40	.826	-3.01
		.686	-1.35			.700	-2.74		
		.801	-1.67			.800	-2.15		
		.915	-2.64						
		.967	-4.11						
		.994	-5.57						
				LOWER	SURFACE				
.075	1.77	.029	1.90	.075	.22	.025	.26	.025	2.74
.150	1.71	.057	1.92	.150	1.52	.050	.71	.050	3.42
.200	1.69	.086	1.88	.200	1.85	.075	1.41	.100	3.24
.300	1.72	.114	1.86	.300	2.10	.100	1.32	.150	3.75
.400	1.73	.172	1.80	.400	2.13	.150	1.97	.200	3.91
.500	1.70	.229	1.76	.500	2.21	.200	2.15	.250	4.15
.600	1.70	.286	1.78	.600	2.31	.250	2.16	.300	4.26
.700	1.53	.343	1.76	.700	2.19	.300	1.89	.400	4.40
.861	1.08	.400	1.74	.861	2.02	.350	2.40	.500	4.12
		.458	1.75			.400	2.44	.600	4.52
		.571	1.76			.500	1.90	.703	5.24
		.686	1.76			.600	-2.22	.756	5.37
						.700	-2.60		

ALPHA = 2.62 DEGREES DYNAMIC PRESSURE = 10.932 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-1.74	0.000	-.01	.075	-10.39	.025	-2.05	.025	-4.45
.150	-2.21	.029	-4.84	.150	-9.86	.050	-3.73	.050	-7.01
.200	-2.60	.057	-3.94	.200	-9.51	.075	-4.64	.100	-6.73
.300	-2.67	.086	-2.81	.300	-9.23	.100	-5.31	.150	-6.51
.400	-3.35	.114	-2.59	.400	-8.09	.149	-5.84	.200	-6.17
.500	-3.12	.172	-1.91	.500	-7.41	.200	-5.59	.250	-5.42
.600	-3.08	.229	-1.86	.600	-6.50	.250	-5.65	.300	-4.49
.700	-2.93	.286	-1.70	.700	-5.34	.300	-6.00	.400	-3.49
.800	-2.87	.343	-1.52	.800	-4.31	.350	-5.83	.500	-1.99
		.400	-1.27			.400	-5.28	.600	-2.21
		.458	-1.23			.500	-4.19	.703	-2.49
		.571	-1.32			.600	-3.27	.826	-2.89
		.686	-1.54			.700	-2.81		
		.801	-1.81			.800	-2.05		
		.915	-2.79						
		.967	-4.14						
		.994	-5.82						
				LOWER	SURFACE				
.075	1.84	.029	1.84	.075	.11	.025	.05	.025	3.10
.150	1.80	.057	1.94	.150	1.48	.050	.47	.050	3.71
.200	1.79	.086	1.88	.200	1.84	.075	1.47	.100	3.40
.300	1.75	.114	1.87	.300	2.09	.100	1.26	.150	4.13
.400	1.72	.172	1.83	.400	2.15	.150	2.02	.200	3.87
.500	1.69	.229	1.77	.500	2.27	.200	2.15	.250	4.21
.600	1.66	.286	1.76	.600	2.43	.250	2.12	.300	4.11
.700	1.57	.343	1.77	.700	2.29	.300	1.99	.400	4.48
.861	.98	.400	1.76	.861	2.04	.350	2.40	.500	4.03
		.458	1.75			.400	2.34	.600	4.58
		.571	1.74			.500	2.09	.703	5.27
		.686	1.76			.600	-2.20	.756	5.32
						.700	-2.66		

ALPHA = 4.66 DEGREES DYNAMIC PRESSURE = 11.007 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-3.50	0.000	-.34	.075	-10.55	.025	-2.13	.025	-4.16
.150	-2.93	.029	-5.34	.150	-9.92	.050	-3.74	.050	-6.94
.200	-4.34	.057	-4.68	.200	-9.60	.075	-4.70	.100	-6.58
.300	-3.84	.086	-3.21	.300	-9.08	.100	-5.25	.150	-6.39
.400	-4.14	.114	-2.89	.400	-7.97	.149	-5.66	.200	-6.06
.500	-3.48	.172	-1.99	.500	-7.38	.200	-5.54	.250	-5.34
.600	-3.72	.229	-2.04	.600	-6.49	.250	-5.61	.300	-4.44
.700	-3.33	.286	-1.79	.700	-5.38	.300	-6.02	.400	-3.45
.800	-3.00	.343	-1.57	.800	-4.37	.350	-5.88	.500	-2.00
		.400	-1.27			.400	-5.15	.600	-2.13
		.458	-1.28			.500	-4.02	.703	-2.36
		.571	-1.39			.600	-3.14	.826	-2.81
		.686	-1.56			.700	-2.79		
		.801	-1.82			.800	-2.17		
		.915	-2.81						
		.967	-4.27						
		.994	-5.75						
				LOWER	SURFACE				
.075	1.89	.029	1.86	.075	.16	.025	-.10	.025	3.14
.150	1.83	.057	1.93	.150	1.49	.050	.42	.050	3.58
.200	1.85	.086	1.93	.200	1.81	.075	1.33	.100	3.69
.300	1.80	.114	1.91	.300	2.10	.100	1.25	.150	4.11
.400	1.76	.172	1.88	.400	2.16	.150	1.79	.200	4.08
.500	1.69	.229	1.84	.500	2.27	.200	2.11	.250	4.21
.600	1.65	.286	1.80	.600	2.34	.250	2.14	.300	4.49
.700	1.53	.343	1.82	.700	2.27	.300	1.95	.400	4.50
.861	.96	.400	1.80	.861	2.00	.350	2.44	.500	4.12
		.458	1.77			.400	2.57	.600	4.54
		.571	1.78			.500	2.30	.703	5.42
		.686	1.78			.600	-2.24	.756	5.52
						.700	-2.54		

ALPHA = 6.74 DEGREES DYNAMIC PRESSURE = 10.927 LBF/SQ.FT.

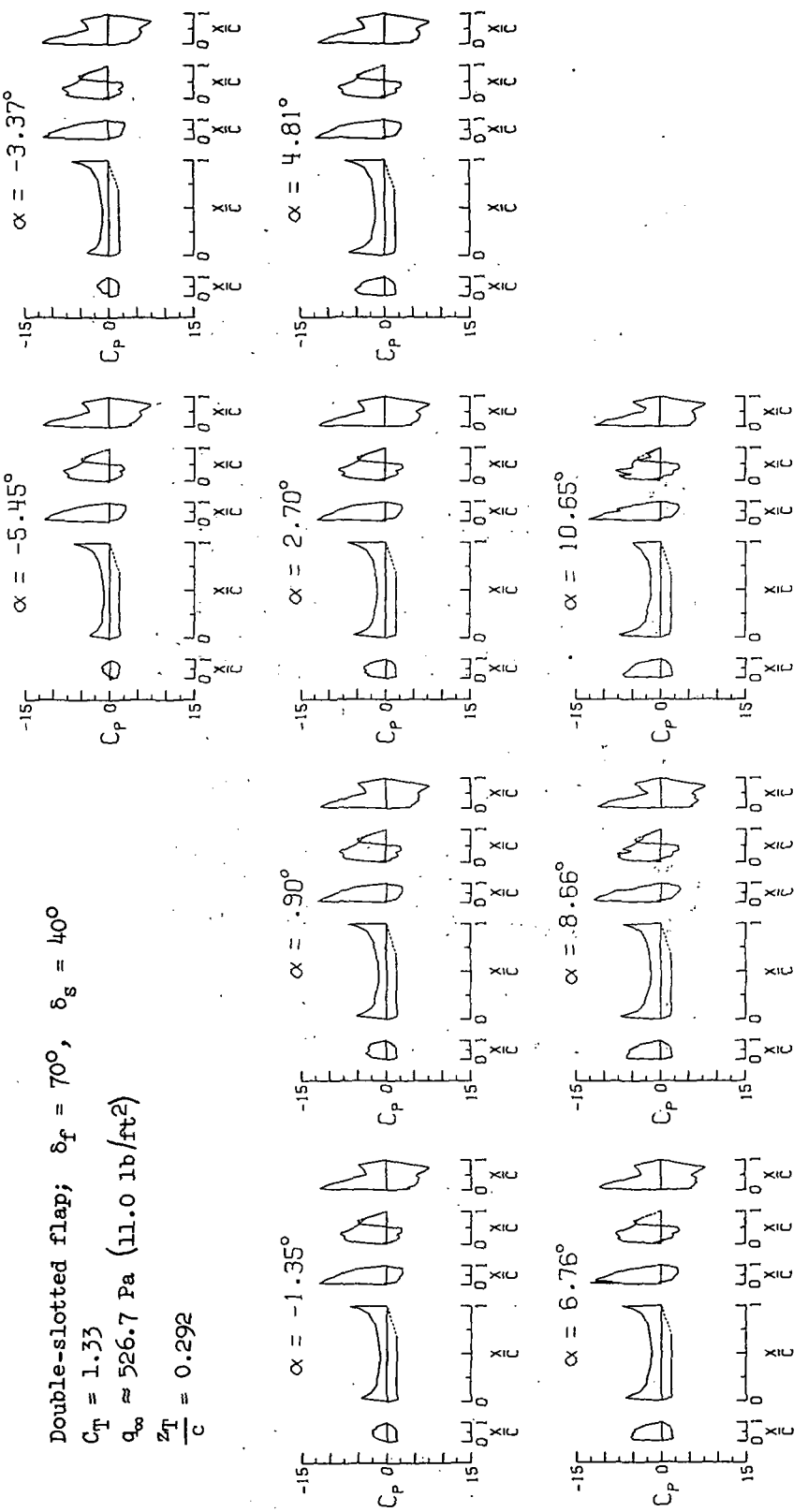
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.17	0.000	-.86	.075	-9.75	.025	-1.86	.025	-3.71
.150	-4.76	.029	-6.25	.150	-9.91	.050	-3.76	.050	-6.89
.200	-4.36	.057	-4.75	.200	-10.06	.075	-4.97	.100	-6.72
.300	-5.09	.086	-3.68	.300	-9.06	.100	-5.19	.150	-6.24
.400	-4.11	.114	-2.97	.400	-8.34	.149	-5.99	.200	-6.18
.500	-4.53	.172	-2.33	.500	-7.48	.200	-5.59	.250	-5.27
.600	-4.05	.229	-2.14	.600	-6.62	.250	-5.68	.300	-4.44
.700	-3.78	.286	-1.93	.700	-5.40	.300	-5.97	.400	-3.40
.800	-3.14	.343	-1.80	.800	-4.43	.350	-5.89	.500	-1.98
		.400	-1.51			.400	-5.10	.600	-2.08
		.458	-1.51			.500	-4.08	.703	-2.41
		.571	-1.52			.600	-3.21	.826	-2.68
		.686	-1.73			.700	-2.82		
		.801	-1.94			.800	-2.13		
		.915	-2.94						
		.967	-4.27						
		.994	-5.93						
				LOWER	SURFACE				
.075	1.85	.029	1.69	.075	-.08	.025	-.08	.025	3.39
.150	1.88	.057	1.81	.150	1.46	.050	.22	.050	3.73
.200	1.88	.086	1.85	.200	1.82	.075	1.08	.100	3.84
.300	1.82	.114	1.88	.300	2.09	.100	1.06	.150	4.40
.400	1.78	.172	1.85	.400	2.18	.150	1.72	.200	4.48
.500	1.72	.229	1.81	.500	2.30	.200	2.13	.250	4.55
.600	1.64	.286	1.81	.600	2.54	.250	2.22	.300	4.60
.700	1.50	.343	1.79	.700	2.37	.300	2.07	.400	4.62
.861	.86	.400	1.76	.861	2.09	.350	2.64	.500	4.17
		.458	1.78			.400	2.77	.600	4.66
		.571	1.76			.500	2.38	.703	5.49
		.686	1.74			.600	-1.92	.756	5.59
						.700	-2.36		

ALPHA = 8.72 DEGREES DYNAMIC PRESSURE = 10.830 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.67	0.000	-1.01	.075	-10.75	.025	-2.16	.025	-4.21
.150	-5.22	.029	-6.58	.150	-9.97	.050	-3.74	.050	-6.73
.200	-5.06	.057	-5.15	.200	-10.03	.075	-4.91	.100	-6.62
.300	-5.53	.086	-3.96	.300	-9.56	.100	-5.53	.150	-6.31
.400	-4.86	.114	-3.23	.400	-8.26	.149	-5.80	.200	-6.09
.500	-4.84	.172	-2.33	.500	-5.86	.200	-4.25	.250	-4.67
.600	-4.52	.229	-2.29	.600	-6.70	.250	-5.71	.300	-4.42
.700	-3.94	.286	-2.06	.700	-5.47	.300	-6.02	.400	-3.40
.800	-3.22	.343	-1.78	.800	-4.24	.350	-5.52	.500	-1.77
		.400	-1.54			.400	-5.06	.600	-2.01
		.458	-1.61			.500	-3.83	.703	-2.25
		.571	-1.56			.600	-3.24	.826	-2.91
		.686	-1.63			.700	-2.61		
		.801	-2.04			.800	-2.09		
		.915	-2.90						
		.967	-4.50						
		.994	-5.84						
				LOWER	SURFACE				
.075	1.85	.029	1.72	.075	-.08	.025	-.37	.025	3.67
.150	1.89	.057	1.81	.150	1.45	.050	.34	.050	4.28
.200	1.86	.086	1.89	.200	1.82	.075	1.04	.100	4.43
.300	1.85	.114	1.88	.300	2.14	.100	1.05	.150	4.31
.400	1.79	.172	1.87	.400	2.32	.150	1.82	.200	4.45
.500	1.76	.229	1.84	.500	2.63	.200	2.13	.250	4.63
.600	1.67	.286	1.85	.600	2.47	.250	2.22	.300	4.46
.700	1.49	.343	1.87	.700	2.52	.300	2.11	.400	4.63
.861	.80	.400	1.81	.861	2.09	.350	2.64	.500	4.19
		.458	1.83			.400	2.71	.600	4.73
		.571	1.81			.500	2.34	.703	5.47
		.686	1.80			.600	-1.92	.756	5.61
						.700	-2.27		

ALPHA = 10.63 DEGREES DYNAMIC PRESSURE = 10.952 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.48	0.000	-.95	.075	-10.73	.025	-2.16	.025	-4.08
.150	-5.05	.029	-6.31	.150	-10.23	.050	-3.91	.050	-6.92
.200	-6.69	.057	-5.56	.200	-9.24	.075	-4.45	.100	-6.38
.300	-6.24	.086	-4.11	.300	-9.40	.100	-5.36	.150	-5.22
.400	-5.58	.114	-3.45	.400	-8.20	.149	-5.78	.200	-5.97
.500	-5.28	.172	-2.54	.500	-7.48	.200	-5.56	.250	-5.26
.600	-5.02	.229	-2.47	.600	-6.49	.250	-5.44	.300	-4.23
.700	-4.06	.286	-2.01	.700	-4.19	.300	-4.13	.400	-2.71
.800	-3.07	.343	-1.29	.800	-1.63	.350	-2.34	.500	-1.09
		.400	-1.05			.400	-1.68	.600	-1.22
		.458	-.84			.500	-.96	.703	-1.41
		.571	-1.60			.600	-3.02	.826	-2.75
		.686	-1.46			.700	-1.48		
		.801	-1.81			.800	-1.45		
		.915	-2.90						
		.967	-4.38						
		.994	-5.49						
				LOWER	SURFACE				
.075	1.70	.029	1.60	.075	.50	.025	-.40	.025	4.03
.150	1.88	.057	1.82	.150	1.60	.050	.17	.050	4.51
.200	1.87	.086	1.88	.200	1.79	.075	1.06	.100	4.50
.300	1.85	.114	1.89	.300	2.19	.100	.94	.150	4.53
.400	1.79	.172	1.86	.400	2.30	.150	1.82	.200	4.62
.500	1.71	.229	1.88	.500	2.58	.200	2.21	.250	4.61
.600	1.63	.286	1.89	.600	2.59	.250	2.30	.300	4.47
.700	1.52	.343	1.83	.700	2.56	.300	2.22	.400	4.65
.861	.68	.400	1.88	.861	2.25	.350	2.85	.500	4.20
		.458	1.82			.400	2.80	.600	4.65
		.571	1.81			.500	2.54	.703	5.63
		.686	1.87			.600	-1.85	.756	5.63
						.700	-2.14		


Double-slotted flap; δ_f = 70°, δ_s = 40°
C_T = 1.33
q_∞ ≈ 526.7 Pa (11.0 lb/ft2)
$\frac{z_T}{c}$ = 0.292
α = -5.45°
α = -3.37°
α = -1.35°
α = .90°
α = 2.70°
α = 4.81°
α = 6.76°
α = 8.66°
α = 10.65°
C_p
x/c

ALPHA = -5.45 DEGREES DYNAMIC PRESSURE = 10.964 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	.54	0.000	.37	.075	-11.57	.025	-3.05	.025	-9.51
.150	.33	.029	-3.40	.150	-11.20	.050	-4.74	.050	-11.80
.200	-.38	.057	-2.92	.200	-10.71	.075	-5.86	.100	-11.29
.300	-.83	.086	-2.10	.300	-10.51	.100	-6.79	.150	-10.77
.400	-1.26	.114	-1.81	.400	-9.39	.149	-7.51	.200	-10.14
.500	-1.18	.172	-1.28	.500	-8.62	.200	-7.18	.250	-8.88
.600	-1.57	.229	-1.39	.600	-7.73	.250	-7.49	.300	-7.46
.700	-1.33	.286	-1.26	.700	-6.63	.300	-8.18	.400	-5.79
.800	-.91	.343	-1.04	.800	-5.42	.350	-7.89	.500	-3.51
		.400	-.98			.400	-7.09	.600	-3.69
		.458	-.99			.500	-5.67	.703	-4.05
		.571	-1.11			.600	-4.81	.826	-4.83
		.686	-1.43			.700	-4.31		
		.801	-1.79			.800	-3.56		
		.915	-2.91						
		.967	-4.67						
		.994	-6.42						
				LOWER	SURFACE				
.075	1.39	.029	1.91	.075	-.16	.025	-.55	.025	3.06
.150	1.44	.057	1.92	.150	1.53	.050	.12	.050	3.96
.200	1.32	.086	1.85	.200	1.93	.075	1.14	.100	3.57
.300	1.62	.114	1.75	.300	2.22	.100	1.00	.150	4.41
.400	1.52	.172	1.76	.400	2.35	.150	1.98	.200	4.82
.500	1.60	.229	1.70	.500	2.56	.200	2.30	.250	5.12
.600	1.63	.286	1.71	.600	2.79	.250	2.22	.300	5.31
.700	1.57	.343	1.67	.700	2.86	.300	1.82	.400	5.85
.861	1.20	.400	1.71	.861	2.78	.350	2.60	.500	5.33
		.458	1.70			.400	2.60	.600	6.32
		.571	1.73			.500	2.10	.703	7.38
		.686	1.74			.600	-4.64	.756	7.41
						.700	-5.08		

ALPHA = -3.37 DEGREES DYNAMIC PRESSURE = 10.919 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.05	0.000	.28	.075	-11.86	.025	-3.05	.025	-9.30
.150	-.20	.029	-3.96	.150	-11.26	.050	-4.81	.050	-11.78
.200	-1.18	.057	-3.30	.200	-10.68	.075	-5.86	.100	-11.33
.300	-1.40	.086	-2.40	.300	-10.63	.100	-6.77	.150	-10.80
.400	-1.58	.114	-2.01	.400	-9.46	.149	-7.50	.200	-10.24
.500	-2.11	.172	-1.59	.500	-8.59	.200	-7.06	.250	-8.95
.600	-2.17	.229	-1.55	.600	-7.65	.250	-7.32	.300	-7.43
.700	-1.63	.286	-1.38	.700	-6.60	.300	-8.07	.400	-5.81
.800	-1.40	.343	-1.24	.800	-5.46	.350	-7.94	.500	-3.49
		.400	-1.13			.400	-7.08	.600	-3.70
		.458	-1.07			.500	-5.78	.703	-4.08
		.571	-1.24			.600	-4.84	.826	-4.94
		.686	-1.54			.700	-4.45		
		.801	-1.93			.800	-3.61		
		.915	-3.07						
		.967	-4.80						
		.994	-6.54						
				LOWER	SURFACE				
.075	1.70	.029	1.93	.075	-.19	.025	-.76	.025	3.09
.150	1.58	.057	1.94	.150	1.49	.050	-.04	.050	3.98
.200	1.60	.086	1.87	.200	1.94	.075	1.06	.100	3.84
.300	1.67	.114	1.86	.300	2.26	.100	.84	.150	4.71
.400	1.70	.172	1.77	.400	2.39	.150	1.97	.200	5.01
.500	1.70	.229	1.76	.500	2.59	.200	2.28	.250	5.47
.600	1.66	.286	1.75	.600	2.82	.250	2.16	.300	5.51
.700	1.59	.343	1.73	.700	2.93	.300	1.80	.400	5.88
.861	1.14	.400	1.76	.861	2.82	.350	2.63	.500	5.40
		.458	1.72			.400	2.64	.600	6.17
		.571	1.77			.500	2.37	.703	7.32
		.686	1.76			.600	-4.72	.756	7.58
						.700	-5.24		

ALPHA = -1.36 DEGREES DYNAMIC PRESSURE = 10.958 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-.86	0.000	.11	.075	-11.95	.025	-3.03	.025	-10.16
.150	-1.76	.029	-4.67	.150	-11.36	.050	-4.85	.050	-11.94
.200	-1.98	.057	-3.69	.200	-11.06	.075	-6.09	.100	-11.26
.300	-2.45	.086	-2.79	.300	-10.64	.100	-6.75	.150	-10.77
.400	-2.52	.114	-2.36	.400	-9.41	.149	-7.41	.200	-10.11
.500	-2.51	.172	-1.72	.500	-8.93	.200	-7.40	.250	-9.02
.600	-2.55	.229	-1.72	.600	-7.90	.250	-7.52	.300	-7.51
.700	-1.93	.286	-1.50	.700	-6.70	.300	-8.17	.400	-5.80
.800	-1.89	.343	-1.38	.800	-5.55	.350	-7.99	.500	-3.56
		.400	-1.28			.400	-6.99	.600	-3.67
		.458	-1.25			.500	-5.81	.703	-4.10
		.571	-1.35			.600	-4.81	.826	-4.97
		.686	-1.65			.700	-4.39		
		.801	-2.04			.800	-3.51		
		.915	-3.17						
		.967	-4.82						
		.994	-6.53						
				LOWER	SURFACE				
.075	1.88	.029	1.84	.075	-.33	.025	-.60	.025	3.21
.150	1.65	.057	1.91	.150	1.45	.050	-.06	.050	4.18
.200	1.67	.086	1.90	.200	1.92	.075	1.03	.100	3.84
.300	1.70	.114	1.88	.300	2.27	.100	.76	.150	4.92
.400	1.69	.172	1.80	.400	2.35	.150	1.92	.200	5.30
.500	1.68	.229	1.78	.500	2.63	.200	2.33	.250	5.65
.600	1.66	.286	1.76	.600	2.91	.250	2.20	.300	5.62
.700	1.55	.343	1.77	.700	2.87	.300	1.80	.400	5.86
.861	.99	.400	1.75	.861	2.84	.350	2.63	.500	5.33
		.458	1.75			.400	2.67	.600	6.45
		.571	1.76			.500	2.73	.703	7.49
		.686	1.77			.600	-4.74	.756	7.62
						.700	-5.21		

ALPHA = .91 DEGREES DYNAMIC PRESSURE = 10.897 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFAC:				
.075	-2.31	0.000	-.15	.075	-12.17	.025	-3.07	.025	-10.10
.150	-2.91	.029	-5.34	.150	-11.33	.050	-4.85	.050	-11.83
.200	-2.83	.057	-4.22	.200	-11.38	.075	-6.24	.100	-11.32
.300	-3.72	.086	-3.28	.300	-10.55	.100	-6.74	.150	-10.64
.400	-3.10	.114	-2.65	.400	-9.61	.149	-7.58	.200	-10.16
.500	-2.92	.172	-1.93	.500	-9.09	.200	-7.39	.250	-9.04
.600	-3.27	.229	-1.98	.600	-7.96	.250	-7.54	.300	-7.45
.700	-2.82	.286	-1.74	.700	-6.72	.300	-8.23	.400	-5.86
.800	-2.71	.343	-1.61	.800	-5.53	.350	-7.94	.500	-3.52
		.400	-1.34			.400	-7.12	.600	-3.73
		.458	-1.43			.500	-5.71	.703	-4.15
		.571	-1.44			.600	-4.82	.826	-4.95
		.686	-1.75			.700	-4.34		
		.801	-2.13			.800	-3.58		
		.915	-3.28						
		.967	-4.98						
		.994	-6.84						
				LOWER	SURFACE				
.075	1.86	.029	1.85	.075	-.29	.025	-.89	.025	3.68
.150	1.82	.057	1.90	.150	1.47	.050	.03	.050	4.41
.200	1.77	.086	1.91	.200	1.93	.075	1.04	.100	4.45
.300	1.75	.114	1.85	.300	2.20	.100	.78	.150	5.02
.400	1.73	.172	1.84	.400	2.31	.150	1.79	.200	5.24
.500	1.70	.229	1.80	.500	2.63	.200	2.26	.250	5.80
.600	1.66	.286	1.76	.600	2.79	.250	2.13	.300	5.82
.700	1.56	.343	1.78	.700	2.79	.300	1.85	.400	5.98
.861	1.01	.400	1.77	.861	2.64	.350	2.68	.500	5.68
		.458	1.77			.400	2.71	.600	6.35
		.571	1.75			.500	2.46	.703	7.47
		.686	1.75			.600	-4.63	.756	7.74
						.700	-5.12		

ALPHA = 2.71 DEGREES DYNAMIC PRESSURE = 10.904 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-2.36	0.000	-.22	.075	-12.14	.025	-2.99	.025	-10.01
.150	-3.28	.029	-5.58	.150	-11.59	.050	-4.98	.050	-11.73
.200	-2.98	.057	-4.21	.200	-11.26	.075	-6.18	.100	-11.29
.300	-3.75	.086	-3.27	.300	-10.86	.100	-6.88	.150	-10.67
.400	-3.41	.114	-2.79	.400	-9.76	.149	-7.67	.200	-10.07
.500	-3.86	.172	-2.25	.500	-8.95	.200	-7.26	.250	-8.83
.600	-3.82	.229	-2.16	.600	-7.92	.250	-7.41	.300	-7.37
.700	-3.28	.286	-1.90	.700	-6.81	.300	-8.30	.400	-5.86
.800	-2.85	.343	-1.65	.800	-5.79	.350	-8.22	.500	-3.65
		.400	-1.51			.400	-7.15	.600	-3.73
		.458	-1.44			.500	-5.89	.703	-4.21
		.571	-1.55			.600	-4.79	.826	-4.92
		.686	-1.86			.700	-4.35		
		.801	-2.14			.800	-3.45		
		.915	-3.35						
		.967	-5.09						
		.994	-6.79						
				LOWER	SURFACE				
.075	1.87	.029	1.84	.075	-.44	.025	-1.02	.025	3.75
.150	1.79	.057	1.87	.150	1.47	.050	-.38	.050	4.89
.200	1.78	.086	1.95	.200	1.89	.075	.65	.100	4.74
.300	1.74	.114	1.87	.300	2.18	.100	.65	.150	5.31
.400	1.72	.172	1.87	.400	2.39	.150	1.63	.200	5.94
.500	1.69	.229	1.84	.500	2.65	.200	2.23	.250	5.98
.600	1.64	.286	1.83	.600	2.88	.250	2.17	.300	6.21
.700	1.50	.343	1.79	.700	2.96	.300	1.81	.400	6.25
.861	.96	.400	1.80	.861	2.75	.350	2.74	.500	5.52
		.458	1.79			.400	3.11	.600	6.45
		.571	1.78			.500	2.90	.703	7.77
		.686	1.81			.600	-4.50	.756	8.00
						.700	-5.12		

ALPHA = 4.81 DEGREES DYNAMIC PRESSURE = 10.854 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-4.07	0.000	-.59	.075	-12.52	.025	-3.06	.025	-10.12
.150	-4.86	.029	-6.44	.150	-11.73	.050	-4.98	.050	-11.84
.200	-4.94	.057	-5.18	.200	-11.53	.075	-6.27	.100	-11.17
.300	-5.44	.086	-3.92	.300	-10.90	.100	-7.02	.150	-10.53
.400	-5.01	.114	-3.35	.400	-9.74	.149	-7.61	.200	-9.90
.500	-4.35	.172	-2.39	.500	-9.02	.200	-7.35	.250	-8.79
.600	-4.35	.229	-2.36	.600	-8.01	.250	-7.48	.300	-7.30
.700	-3.95	.286	-2.14	.700	-6.86	.300	-8.20	.400	-5.79
.800	-3.07	.343	-1.87	.800	-5.56	.350	-7.92	.500	-3.52
		.400	-1.62			.400	-7.17	.600	-3.80
		.458	-1.65			.500	-5.68	.703	-4.12
		.571	-1.74			.600	-4.84	.826	-5.02
		.686	-2.01			.700	-4.42		
		.801	-2.33			.800	-3.54		
		.915	-3.48						
		.967	-5.19						
		.994	-7.00						
				LOWER	SURFACE				
.075	1.86	.029	1.68	.075	-.61	.025	-.95	.025	4.13
.150	1.86	.057	1.87	.150	1.36	.050	-.51	.050	5.15
.200	1.80	.086	1.88	.200	1.85	.075	.52	.100	4.74
.300	1.79	.114	1.88	.300	2.25	.100	.48	.150	5.78
.400	1.74	.172	1.85	.400	2.45	.150	1.60	.200	6.00
.500	1.70	.229	1.80	.500	2.64	.200	2.16	.250	6.05
.600	1.63	.286	1.81	.600	3.00	.250	2.15	.300	6.26
.700	1.47	.343	1.80	.700	3.05	.300	2.01	.400	6.11
.861	.77	.400	1.80	.861	2.85	.350	2.90	.500	5.59
		.458	1.80			.400	3.03	.600	6.41
		.571	1.75			.500	2.84	.703	7.81
		.686	1.76			.600	-4.53	.756	7.86
						.700	-4.94		

ALPHA = 6.77 DEGREES DYNAMIC PRESSURE = 10.970 LBF/SQ.FT.

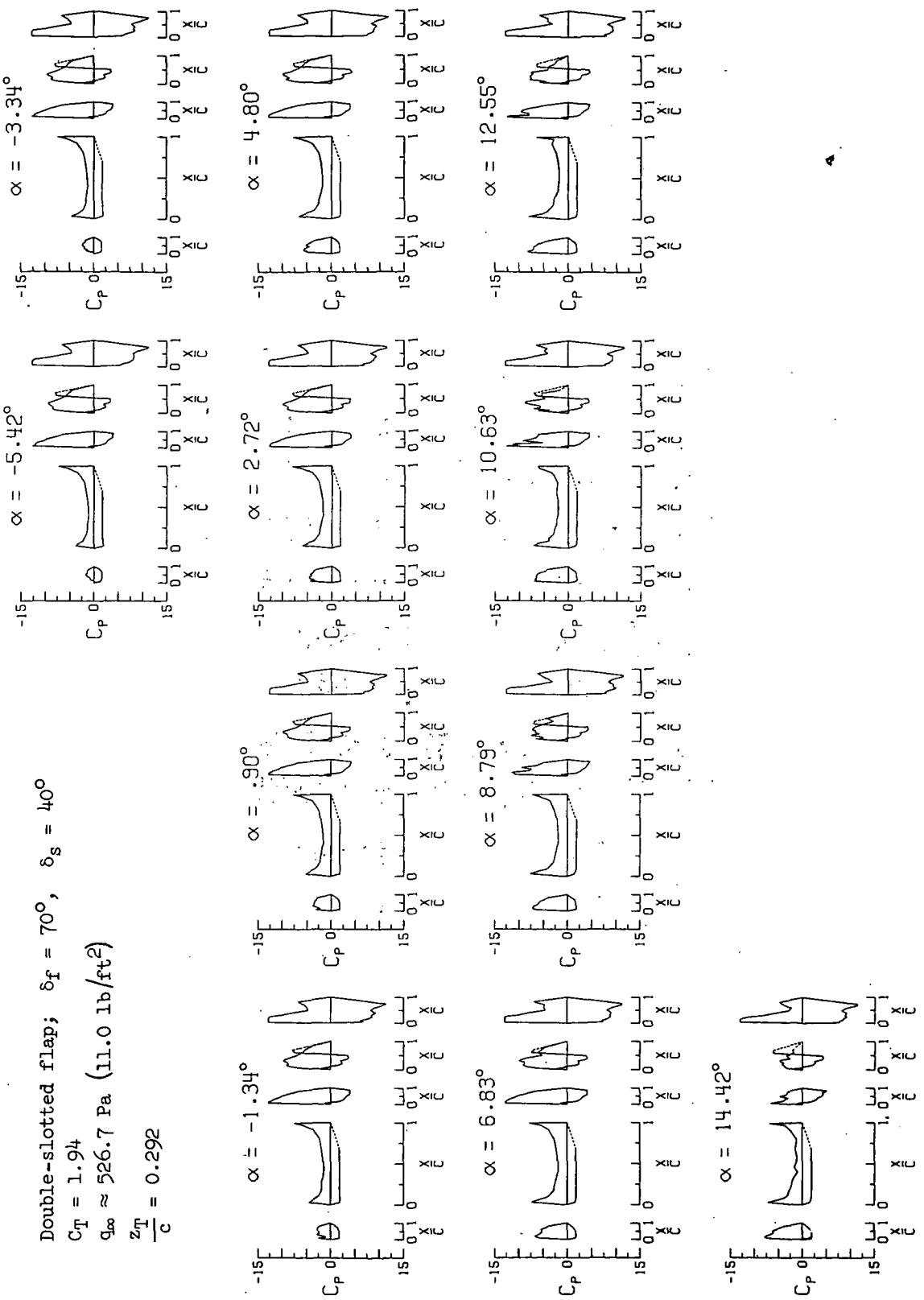
LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-5.22	0.000	-.82	.075	-12.62	.025	-2.99	.025	-7.49
.150	-5.29	.029	-6.45	.150	-8.46	.050	-2.94	.050	-10.40
.200	-5.51	.057	-5.43	.200	-11.59	.075	-6.31	.100	-10.90
.300	-5.10	.086	-3.96	.300	-11.16	.100	-7.09	.150	-10.46
.400	-5.19	.114	-3.51	.400	-9.81	.149	-7.66	.200	-9.82
.500	-4.76	.172	-2.60	.500	-9.07	.200	-7.25	.250	-8.63
.600	-4.82	.229	-2.53	.600	-8.07	.250	-7.50	.300	-7.19
.700	-4.05	.286	-2.26	.700	-6.73	.300	-8.00	.400	-5.51
.800	-3.28	.343	-1.98	.800	-5.62	.350	-7.91	.500	-3.47
		.400	-1.80			.400	-7.05	.600	-3.63
		.458	-1.75			.500	-5.52	.703	-3.94
		.571	-1.78			.600	-4.49	.826	-4.78
		.686	-2.07			.700	-4.41		
		.801	-2.37			.800	-3.45		
		.915	-3.41						
		.967	-5.10						
		.994	-7.01						
				LOWER	SURFACE				
.075	1.79	.029	1.62	.075	-.43	.025	-1.35	.025	4.33
.150	1.90	.057	1.87	.150	1.32	.050	-.64	.050	5.37
.200	1.88	.086	1.85	.200	1.84	.075	.50	.100	5.36
.300	1.85	.114	1.92	.300	2.24	.100	.14	.150	5.92
.400	1.81	.172	1.86	.400	2.49	.150	1.69	.200	6.01
.500	1.75	.229	1.87	.500	2.81	.200	2.13	.250	6.47
.600	1.69	.286	1.81	.600	3.08	.250	2.21	.300	6.12
.700	1.54	.343	1.81	.700	3.01	.300	2.01	.400	6.32
.861	.75	.400	1.80	.861	2.89	.350	2.93	.500	5.41
		.458	1.77			.400	3.30	.600	6.45
		.571	1.76			.500	3.04	.703	7.65
		.686	1.78			.600	-4.07	.756	7.95
						.700	-4.83		

ALPHA = 8.66 DEGREES DYNAMIC PRESSURE = 10.990 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.10	0.000	-1.18	.075	-10.93	.025	-2.07	.025	-9.61
.150	-6.01	.029	-7.20	.150	-11.82	.050	-4.92	.050	-11.32
.200	-6.10	.057	-5.73	.200	-11.25	.075	-6.04	.100	-10.66
.300	-5.93	.086	-4.32	.300	-10.94	.100	-6.78	.150	-10.12
.400	-5.54	.114	-3.60	.400	-9.62	.149	-7.45	.200	-9.62
.500	-5.66	.172	-2.83	.500	-8.89	.200	-7.13	.250	-8.39
.600	-5.02	.229	-2.62	.600	-8.18	.250	-7.61	.300	-7.24
.700	-4.26	.286	-2.25	.700	-5.25	.300	-5.67	.400	-4.33
.800	-3.59	.343	-1.97	.800	-4.04	.350	-5.09	.500	-2.19
		.400	-1.90			.400	-6.70	.600	-3.35
		.458	-1.81			.500	-5.38	.703	-3.76
		.571	-1.83			.600	-4.26	.826	-4.63
		.686	-1.95			.700	-3.28		
		.801	-2.32			.800	-3.00		
		.915	-3.43						
		.967	-5.07						
		.994	-6.75						
				LOWER	SURFACE				
.075	1.69	.029	1.61	.075	-.65	.025	-1.32	.025	4.31
.150	1.94	.057	1.76	.150	1.33	.050	-.53	.050	5.60
.200	1.96	.086	1.82	.200	1.87	.075	.27	.100	5.31
.300	1.89	.114	1.87	.300	2.25	.100	.19	.150	5.81
.400	1.85	.172	1.85	.400	2.57	.150	1.60	.200	6.27
.500	1.79	.229	1.84	.500	2.87	.200	2.15	.250	6.55
.600	1.71	.286	1.85	.600	3.12	.250	2.23	.300	5.97
.700	1.52	.343	1.84	.700	3.37	.300	2.25	.400	6.17
.861	.78	.400	1.83	.861	3.04	.350	3.10	.500	5.46
		.458	1.81			.400	3.28	.600	6.36
		.571	1.81			.500	3.07	.703	7.74
		.686	1.79			.600	-4.08	.756	7.91
						.700	-4.62		

ALPHA = 10.66 DEGREES DYNAMIC PRESSURE = 10.850 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-6.43	0.000	-1.21	.075	-12.83	.025	-2.99	.025	-8.71
.150	-6.49	.029	-7.33	.150	-11.90	.050	-4.95	.050	-11.56
.200	-6.74	.057	-5.93	.200	-11.22	.075	-6.04	.100	-10.59
.300	-6.28	.086	-4.30	.300	-10.44	.100	-6.36	.150	-9.91
.400	-5.77	.114	-3.57	.400	-9.52	.149	-7.40	.200	-9.65
.500	-5.43	.172	-2.62	.500	-7.08	.200	-5.06	.250	-7.65
.600	-5.05	.229	-2.52	.600	-7.77	.250	-7.09	.300	-7.01
.700	-4.61	.286	-2.42	.700	-6.70	.300	-7.96	.400	-5.55
.800	-3.82	.343	-2.12	.800	-5.16	.350	-6.86	.500	-2.84
		.400	-1.78			.400	-4.85	.600	-2.45
		.458	-1.70			.500	-5.08	.703	-3.66
		.571	-1.83			.600	-4.67	.826	-4.90
		.686	-1.72			.700	-1.70		
		.801	-2.18			.800	-2.21		
		.915	-3.44						
		.967	-4.58						
		.994	-4.99						
				LOWER	SURFACE				
.075	1.68	.029	1.56	.075	-.43	.025	-1.27	.025	4.85
.150	1.98	.057	1.76	.150	1.38	.050	-.33	.050	5.48
.200	2.02	.086	1.84	.200	1.93	.075	.67	.100	5.62
.300	1.95	.114	1.84	.300	2.34	.100	.31	.150	5.92
.400	1.88	.172	1.86	.400	2.56	.150	-1.62	.200	6.22
.500	1.83	.229	1.90	.500	2.91	.200	2.22	.250	6.41
.600	1.76	.286	1.82	.600	3.11	.250	2.33	.300	6.17
.700	1.57	.343	1.82	.700	3.25	.300	2.31	.400	6.20
.861	.74	.400	1.84	.861	3.02	.350	3.21	.500	5.67
		.458	1.81			.400	3.33	.600	6.43
		.571	1.82			.500	3.15	.703	7.93
		.686	1.80			.600	-3.79	.756	8.02
						.700	-4.05		


Double-slotted flap; $\delta_f = 70°$, $\delta_s = 40°$
$C_T = 1.94$
$q_\infty \approx 526.7$ Pa (11.0 lb/ft²)
$\frac{z_T}{c} = 0.292$
α = -5.42°
α = -3.34°
α = -1.34°
α = .90°
α = 2.72°
α = 4.80°
α = 6.83°
α = 8.79°
α = 10.63°
α = 12.55°
α = 14.42°
C_p
x/c

ALPHA = -5.42 DEGREES DYNAMIC PRESSURE = 11.032 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	.17	0.000	.27	.075	-12.74	.025	-3.56	.025	-12.68
.150	-.24	.029	-3.92	.150	-12.08	.050	-5.72	.050	-12.68
.200	-.79	.057	-3.19	.200	-12.11	.075	-7.33	.100	-12.68
.300	-.79	.086	-2.26	.300	-11.69	.100	-8.17	.150	-12.68
.400	-1.44	.114	-2.07	.400	-10.33	.149	-8.72	.200	-12.68
.500	-1.78	.172	-1.56	.500	-9.78	.200	-8.48	.250	-12.24
.600	-1.39	.229	-1.36	.600	-8.68	.250	-8.85	.300	-10.30
.700	-1.45	.286	-1.38	.700	-7.32	.300	-9.40	.400	-7.52
.800	-1.15	.343	-1.21	.800	-6.35	.350	-9.47	.500	-4.62
		.400	-1.09			.400	-8.40	.600	-4.73
		.458	-1.12			.500	-6.91	.703	-5.38
		.571	-1.33			.600	-5.76	.826	-6.65
		.686	-1.66			.700	-5.29		
		.801	-2.01			.800	-4.43		
		.915	-3.35						
		.967	-5.23						
		.994	-7.28						
				LOWER SURFACE					
.075	1.34	.029	1.93	.075	-1.20	.025	-1.98	.025	4.36
.150	1.41	.057	1.92	.150	1.35	.050	-1.20	.050	5.60
.200	1.57	.086	1.86	.200	2.01	.075	.27	.100	5.85
.300	1.64	.114	1.83	.300	2.58	.100	.13	.150	7.21
.400	1.63	.172	1.78	.400	2.79	.150	1.74	.200	7.51
.500	1.66	.229	1.71	.500	3.24	.200	2.37	.250	7.99
.600	1.65	.286	1.74	.600	3.83	.250	2.28	.300	8.08
.700	1.56	.343	1.72	.700	3.80	.300	1.94	.400	8.31
.861	1.12	.400	1.75	.861	3.99	.350	3.06	.500	8.05
		.458	1.71			.400	3.43	.600	9.11
		.571	1.78			.500	3.33	.703	11.11
		.686	1.78			.600	-7.73	.756	11.20
						.700	-7.96		

ALPHA = -3.36 DEGREES DYNAMIC PRESSURE = 10.994 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-.02	0.000	.22	.075	-12.79	.025	-3.59	.025	-12.72
.150	-1.60	.029	-4.71	.150	-12.17	.050	-5.74	.050	-12.72
.200	-1.19	.057	-3.45	.200	-12.17	.075	-7.32	.100	-12.72
.300	-2.06	.086	-2.75	.300	-11.53	.100	-8.11	.150	-12.72
.400	-1.95	.114	-2.24	.400	-10.52	.149	-8.91	.200	-12.72
.500	-2.49	.172	-1.80	.500	-9.73	.200	-8.46	.250	-12.44
.600	-2.24	.229	-1.66	.600	-8.85	.250	-8.90	.300	-10.30
.700	-1.74	.286	-1.49	.700	-7.60	.300	-9.81	.400	-7.76
.800	-1.76	.343	-1.39	.800	-6.33	.350	-9.32	.500	-4.59
		.400	-1.21			.400	-8.48	.600	-4.82
		.458	-1.30			.500	-6.90	.703	-5.41
		.571	-1.46			.600	-5.73	.826	-6.65
		.686	-1.78			.700	-5.33		
		.801	-2.16			.800	-4.37		
		.915	-3.48						
		.967	-5.44						
		.994	-7.52						
				LOWER SURFACE					
.075	1.57	.029	1.87	.075	-1.14	.025	-2.20	.025	4.67
.150	1.62	.057	1.96	.150	1.34	.050	-1.22	.050	5.87
.200	1.69	.086	1.82	.200	2.02	.075	.22	.100	6.51
.300	1.68	.114	1.84	.300	2.63	.100	-.34	.150	7.14
.400	1.64	.172	1.82	.400	2.82	.150	1.64	.200	8.13
.500	1.66	.229	1.76	.500	3.50	.200	2.40	.250	8.56
.600	1.65	.286	1.77	.600	3.76	.250	2.29	.300	8.13
.700	1.57	.343	1.80	.700	3.90	.300	1.95	.400	8.53
.861	1.03	.400	1.75	.861	3.98	.350	3.16	.500	7.73
		.458	1.79			.400	3.56	.600	9.32
		.571	1.78			.500	3.48	.703	11.02
		.686	1.81			.600	-7.81	.756	11.30
						.700	-8.06		

ALPHA = -1.34 DEGREES DYNAMIC PRESSURE = 10.943 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-2.60	0.000	-.26	.075	-12.85	.025	-3.51	.025	-12.79
.150	-.98	.029	-4.53	.150	-12.80	.050	-6.12	.050	-12.79
.200	-1.39	.057	-3.72	.200	-12.22	.075	-7.30	.100	-12.79
.300	-2.93	.086	-3.11	.300	-11.64	.100	-8.20	.150	-12.79
.400	-2.32	.114	-2.45	.400	-10.73	.149	-9.10	.200	-12.79
.500	-2.62	.172	-1.92	.500	-9.95	.200	-8.64	.250	-12.37
.600	-2.60	.229	-1.88	.600	-8.99	.250	-8.99	.300	-10.26
.700	-2.74	.286	-1.85	.700	-7.60	.300	-9.67	.400	-7.71
.800	-2.30	.343	-1.55	.800	-6.43	.350	-9.46	.500	-4.67
		.400	-1.45			.400	-8.61	.600	-4.89
		.458	-1.41			.500	-7.06	.703	-5.51
		.571	-1.57			.600	-5.90	.826	-6.78
		.686	-1.86			.700	-5.37		
		.801	-2.27			.800	-4.24		
		.915	-3.60						
		.967	-5.61						
		.994	-7.62						
				LOWER SURFACE					
.075	1.82	.029	1.80	.075	-1.17	.025	-2.19	.025	5.34
.150	1.70	.057	1.90	.150	1.33	.050	-1.46	.050	5.72
.200	1.68	.086	1.90	.200	2.03	.075	.00	.100	6.07
.300	1.71	.114	1.85	.300	2.75	.100	-.22	.150	7.39
.400	1.70	.172	1.82	.400	2.97	.150	1.48	.200	8.11
.500	1.69	.229	1.78	.500	3.31	.200	2.34	.250	8.60
.600	1.66	.286	1.79	.600	3.85	.250	2.30	.300	8.37
.700	1.54	.343	1.79	.700	3.96	.300	1.98	.400	9.27
.861	.98	.400	1.74	.861	4.07	.350	3.18	.500	8.19
		.458	1.78			.400	3.72	.600	9.07
		.571	1.81			.500	3.51	.703	10.94
		.686	1.81			.600	-7.60	.756	11.44
						.700	-7.83		

ALPHA = .91 DEGREES DYNAMIC PRESSURE = 10.931 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-3.24	0.000	-.43	.075	-12.87	.025	-3.70	.025	-12.81
.150	-2.22	.029	-5.28	.150	-12.87	.050	-6.11	.050	-12.81
.200	-2.70	.057	-4.39	.200	-12.58	.075	-7.51	.100	-12.81
.300	-3.74	.086	-3.50	.300	-11.91	.100	-8.21	.150	-12.81
.400	-3.52	.114	-2.91	.400	-10.67	.149	-8.95	.200	-12.81
.500	-3.43	.172	-2.24	.500	-10.29	.200	-8.88	.250	-12.51
.600	-3.39	.229	-2.17	.600	-9.12	.250	-9.09	.300	-10.32
.700	-3.04	.286	-1.99	.700	-7.81	.300	-9.85	.400	-7.78
.800	-2.85	.343	-1.86	.800	-6.78	.350	-9.84	.500	-4.82
		.400	-1.57			.400	-8.77	.600	-5.02
		.458	-1.63			.500	-7.02	.703	-5.52
		.571	-1.75			.600	-6.04	.826	-6.89
		.686	-2.05			.700	-5.34		
		.801	-2.44			.800	-4.50		
		.915	-3.70						
		.967	-5.68						
		.994	-7.77						
				LOWER SURFACE					
.075	1.85	.029	1.81	.075	-1.37	.025	-2.36	.025	5.16
.150	1.79	.057	1.85	.150	1.21	.050	-1.48	.050	6.69
.200	1.79	.086	1.88	.200	2.00	.075	-.17	.100	6.49
.300	1.75	.114	1.91	.300	2.58	.100	-.56	.150	7.65
.400	1.72	.172	1.81	.400	2.91	.150	1.45	.200	9.22
.500	1.68	.229	1.80	.500	3.40	.200	2.34	.250	8.68
.600	1.63	.286	1.76	.600	3.79	.250	2.31	.300	8.37
.700	1.49	.343	1.76	.700	3.92	.300	1.93	.400	8.80
.861	.94	.400	1.76	.861	4.19	.350	3.35	.500	7.82
		.458	1.77			.400	3.80	.600	9.14
		.571	1.79			.500	3.86	.703	11.31
		.686	1.80			.600	-7.50	.756	11.40
						.700	-7.92		

ALPHA = 2.72 DEGREES DYNAMIC PRESSURE = 10.956 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-4.47	0.000	-.68	.075	-12.84	.025	-3.67	.025	-12.78
.150	-3.54	.029	-6.01	.150	-12.72	.050	-6.04	.050	-12.78
.200	-4.18	.057	-4.99	.200	-12.57	.075	-7.58	.100	-12.78
.300	-4.65	.086	-3.76	.300	-12.18	.100	-8.54	.150	-12.78
.400	-4.18	.114	-3.24	.400	-10.91	.149	-9.15	.200	-12.78
.500	-4.31	.172	-2.48	.500	-10.34	.200	-8.88	.250	-12.57
.600	-3.87	.229	-2.38	.600	-9.29	.250	-9.22	.300	-10.41
.700	-3.74	.286	-2.17	.700	-7.98	.300	-9.99	.400	-7.99
.800	-3.21	.343	-2.00	.800	-6.64	.350	-9.63	.500	-4.73
		.400	-1.70			.400	-8.78	.600	-5.03
		.459	-1.77			.500	-7.12	.703	-5.63
		.571	-1.83			.600	-6.03	.826	-6.90
		.686	-2.15			.700	-5.42		
		.801	-2.56			.800	-4.52		
		.915	-3.86						
		.967	-5.88						
		.994	-7.98						
				LOWER SURFACE					
.075	1.90	.029	1.76	.075	-1.48	.025	-2.28	.025	5.08
.150	1.85	.057	1.86	.150	1.19	.050	-1.72	.050	6.87
.200	1.81	.086	1.89	.200	2.01	.075	-.10	.100	6.53
.300	1.79	.114	1.88	.300	2.58	.100	-.21	.150	7.99
.400	1.73	.172	1.82	.400	2.91	.150	1.50	.200	8.27
.500	1.71	.229	1.81	.500	3.43	.200	2.25	.250	8.67
.600	1.67	.286	1.79	.600	3.98	.250	2.35	.300	8.69
.700	1.51	.343	1.78	.700	3.99	.300	1.94	.400	9.24
.861	.89	.400	1.79	.861	3.79	.350	3.77	.500	8.01
		.458	1.78			.400	3.77	.600	9.08
		.571	1.80			.500	3.91	.703	11.52
		.686	1.80			.600	-7.60	.756	11.37
						.700	-8.01		

ALPHA = 4.81 DEGREES DYNAMIC PRESSURE = 10.934 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-5.01	0.000	-.76	.075	-12.87	.025	-3.88	.025	-12.81
.150	-4.90	.029	-6.73	.150	-12.87	.050	-6.19	.050	-12.81
.200	-5.67	.057	-5.60	.200	-12.74	.075	-7.68	.100	-12.81
.300	-5.49	.086	-4.19	.300	-12.12	.100	-8.42	.150	-12.81
.400	-4.41	.114	-3.40	.400	-11.18	.149	-9.33	.200	-12.81
.500	-5.22	.172	-2.74	.500	-10.13	.200	-8.62	.250	-12.59
.600	-4.56	.229	-2.54	.600	-9.36	.250	-9.24	.300	-10.53
.700	-4.04	.286	-2.28	.700	-7.79	.300	-9.88	.400	-7.86
.800	-3.32	.343	-2.06	.800	-6.79	.350	-9.98	.500	-4.85
		.400	-1.85			.400	-8.58	.600	-4.98
		.459	-1.84			.500	-7.19	.703	-5.69
		.571	-1.94			.600	-6.09	.826	-6.99
		.686	-2.16			.700	-5.55		
		.801	-2.57			.800	-4.36		
		.915	-3.93						
		.967	-5.91						
		.994	-7.83						
				LOWER SURFACE					
.075	1.80	.029	1.74	.075	-1.62	.025	-2.50	.025	5.52
.150	1.85	.057	1.82	.150	1.26	.050	-1.46	.050	7.37
.200	1.82	.086	1.87	.200	2.00	.075	.05	.100	7.39
.300	1.76	.114	1.87	.300	2.59	.100	-.24	.150	8.20
.400	1.69	.172	1.84	.400	2.93	.150	1.52	.200	8.58
.500	1.67	.229	1.84	.500	3.56	.200	2.39	.250	8.70
.600	1.61	.286	1.83	.600	3.91	.250	2.53	.300	8.70
.700	1.41	.343	1.80	.700	3.92	.300	2.02	.400	9.25
.861	.76	.400	1.81	.861	3.90	.350	3.54	.500	8.09
		.458	1.83			.400	4.26	.600	9.29
		.571	1.82			.500	3.72	.703	11.14
		.686	1.84			.600	-7.49	.756	11.71
						.700	-7.88		

ALPHA = 6.84 DEGREES DYNAMIC PRESSURE = 10.948 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-5.77	0.000	-1.08	.075	-12.85	.025	-3.54	.025	-12.79
.150	-6.42	.029	-7.47	.150	-12.85	.050	-6.14	.050	-12.79
.200	-6.70	.057	-6.05	.200	-12.61	.075	-7.54	.100	-12.79
.300	-5.92	.086	-4.43	.300	-12.03	.100	-8.30	.150	-12.79
.400	-5.36	.114	-3.71	.400	-11.05	.149	-9.07	.200	-12.79
.500	-5.25	.172	-2.85	.500	-10.41	.200	-8.85	.250	-12.62
.600	-5.26	.229	-2.73	.600	-9.06	.250	-8.82	.300	-10.21
.700	-4.40	.286	-2.48	.700	-7.87	.300	-9.88	.400	-7.81
.800	-3.91	.343	-2.24	.800	-6.42	.350	-9.37	.500	-4.46
		.400	-1.94			.400	-8.54	.600	-4.90
		.458	-1.89			.500	-5.24	.703	-4.62
		.571	-1.98			.600	-6.04	.826	-5.99
		.686	-2.30			.700	-5.40		
		.801	-2.67			.800	-4.38		
		.915	-3.95						
		.967	-5.44						
		.994	-7.89						
				LOWER SURFACE					
.075	1.69	.029	1.62	.075	-1.44	.025	-2.34	.025	6.00
.150	1.80	.057	1.77	.150	1.12	.050	-1.53	.050	7.46
.200	1.83	.086	1.82	.200	2.02	.075	-.09	.100	7.19
.300	1.79	.114	1.82	.300	2.67	.100	-.59	.150	8.09
.400	1.73	.172	1.85	.400	3.02	.150	1.62	.200	8.51
.500	1.69	.229	1.83	.500	3.40	.200	2.46	.250	8.95
.600	1.56	.286	1.80	.600	4.08	.250	2.49	.300	8.77
.700	1.38	.343	1.83	.700	4.07	.300	2.21	.400	9.07
.861	.67	.400	1.84	.861	4.23	.350	3.60	.500	8.13
		.458	1.83			.400	4.17	.600	9.26
		.571	1.78			.500	3.89	.703	11.23
		.686	1.84			.600	-7.48	.756	11.35
						.700	-6.97		

ALPHA = 8.79 DEGREES DYNAMIC PRESSURE = 10.911 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER SURFACE					
.075	-6.75	0.000	-1.29	.075	-10.87	.025	-2.00	.025	-12.83
.150	-7.20	.029	-7.63	.150	-11.09	.050	-4.87	.050	-12.83
.200	-7.10	.057	-6.21	.200	-11.64	.075	-6.62	.100	-12.83
.300	-6.91	.086	-4.28	.300	-7.91	.100	-7.01	.150	-12.83
.400	-6.13	.114	-3.68	.400	-7.44	.149	-5.51	.200	-12.83
.500	-5.92	.172	-2.96	.500	-9.56	.200	-7.69	.250	-11.99
.600	-5.46	.229	-2.69	.600	-6.65	.250	-5.93	.300	-9.84
.700	-4.73	.286	-2.49	.700	-5.86	.300	-6.73	.400	-6.09
.800	-4.08	.343	-2.26	.800	-4.92	.350	-6.53	.500	-3.10
		.400	-1.97			.400	-7.44	.600	-4.10
		.458	-1.86			.500	-6.71	.703	-5.34
		.571	-2.04			.600	-5.02	.826	-6.27
		.686	-2.15			.700	-3.05		
		.801	-2.70			.800	-4.35		
		.915	-3.47						
		.967	-5.61						
		.994	-7.25						
				LOWER SURFACE					
.075	1.55	.029	1.47	.075	-1.36	.025	-2.25	.025	6.06
.150	1.90	.057	1.68	.150	1.31	.050	-1.49	.050	7.79
.200	1.83	.086	1.85	.200	2.02	.075	-.03	.100	7.57
.300	1.81	.114	1.87	.300	2.65	.100	-.45	.150	8.17
.400	1.71	.172	1.84	.400	3.03	.150	1.60	.200	8.98
.500	1.67	.229	1.83	.500	3.73	.200	2.46	.250	9.82
.600	1.61	.286	1.85	.600	4.02	.250	2.72	.300	9.24
.700	1.41	.343	1.82	.700	4.24	.300	2.42	.400	9.20
.861	.55	.400	1.81	.861	4.65	.350	3.94	.500	8.18
		.458	1.85			.400	4.22	.600	9.23
		.571	1.84			.500	4.06	.703	11.41
		.686	1.86			.600	-7.10	.756	11.34
						.700	-6.87		

ALPHA = 10.64 DEGREES DYNAMIC PRESSURE = 10.859 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-7.08	0.000	-1.43	.075	-12.76	.025	-2.70	.025	-12.90
.150	-6.54	.029	-7.20	.150	-10.38	.050	-4.31	.050	-12.90
.200	-6.94	.057	-6.13	.200	-11.39	.075	-6.31	.100	-12.90
.300	-6.51	.086	-3.87	.300	-5.28	.100	-3.99	.150	-12.90
.400	-6.67	.114	-4.01	.400	-9.37	.149	-7.08	.200	-12.90
.500	-6.33	.172	-3.03	.500	-7.67	.200	-5.76	.250	-11.15
.600	-5.77	.229	-2.83	.600	-6.65	.250	-5.93	.300	-8.75
.700	-4.62	.286	-2.38	.700	-6.44	.300	-7.89	.400	-6.66
.800	-4.37	.343	-2.38	.800	-6.16	.350	-8.84	.500	-4.20
		.400	-2.11			.400	-8.58	.600	-4.87
		.458	-2.04			.500	-4.84	.703	-4.44
		.571	-2.05			.600	-5.48	.826	-6.60
		.686	-2.41			.700	-5.36		
		.801	-2.27			.800	-1.92		
		.915	-3.38						
		.967	-5.80						
		.994	-6.27						
				LOWER	SURFACE				
.075	1.50	.029	1.51	.075	-1.56	.025	-2.07	.025	6.10
.150	1.85	.057	1.75	.150	1.27	.050	-1.70	.050	7.76
.200	1.90	.086	1.85	.200	2.12	.075	.08	.100	7.56
.300	1.82	.114	1.86	.300	2.61	.100	-.28	.150	8.53
.400	1.70	.172	1.83	.400	3.02	.150	1.59	.200	8.68
.500	1.73	.229	1.81	.500	3.68	.200	2.63	.250	9.20
.600	1.62	.286	1.84	.600	4.24	.250	2.80	.300	9.08
.700	1.42	.343	1.83	.700	4.34	.300	2.52	.400	9.21
.861	.53	.400	1.81	.861	4.34	.350	4.01	.500	7.96
		.458	1.84			.400	4.31	.600	9.46
		.571	1.83			.500	4.10	.703	11.53
		.686	1.88			.600	-6.45	.756	11.58
						.700	-6.98		

ALPHA = 12.55 DEGREES DYNAMIC PRESSURE = 10.856 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-7.85	0.000	-1.45	.075	-12.50	.025	-2.65	.025	-12.91
.150	-8.31	.029	-8.10	.150	-12.40	.050	-5.79	.050	-12.91
.200	-7.30	.057	-5.67	.200	-7.94	.075	-4.51	.100	-12.91
.300	-7.11	.086	-4.35	.300	-8.08	.100	-5.27	.150	-12.91
.400	-7.09	.114	-4.03	.400	-9.70	.149	-7.96	.200	-12.91
.500	-6.45	.172	-3.11	.500	-9.24	.200	-7.51	.250	-11.70
.600	-6.06	.229	-2.99	.600	-8.33	.250	-7.90	.300	-9.49
.700	-4.96	.286	-2.46	.700	-6.32	.300	-7.59	.400	-6.24
.800	-4.03	.343	-2.06	.800	-4.93	.350	-7.16	.500	-3.33
		.400	-2.01			.400	-7.70	.600	-4.29
		.458	-1.92			.500	-4.14	.703	-4.25
		.571	-1.82			.600	-4.10	.826	-5.94
		.686	-2.02			.700	-2.94		
		.801	-2.35			.800	-2.34		
		.915	-3.45						
		.967	-2.97						
		.994	-6.57						
				LOWER	SURFACE				
.075	1.42	.029	1.55	.075	-1.46	.025	-2.07	.025	6.68
.150	1.84	.057	1.80	.150	1.24	.050	-1.03	.050	7.97
.200	1.86	.086	1.77	.200	2.10	.075	.04	.100	7.44
.300	1.82	.114	1.89	.300	2.73	.100	-.34	.150	8.46
.400	1.77	.172	1.82	.400	3.22	.150	1.63	.200	8.78
.500	1.70	.229	1.85	.500	3.64	.200	2.64	.250	9.28
.600	1.68	.286	1.88	.600	4.22	.250	2.71	.300	9.07
.700	1.41	.343	1.86	.700	4.36	.300	2.82	.400	9.13
.861	.63	.400	1.85	.861	4.55	.350	4.12	.500	8.03
		.458	1.87			.400	4.50	.600	9.40
		.571	1.86			.500	4.20	.703	11.56
		.686	1.85			.600	-6.47	.756	11.70
						.700	-6.49		

ALPHA = 14.42 DEGREES DYNAMIC PRESSURE = 10.930 LBF/SQ.FT.

LEADING EDGE SLAT		AIRFOIL LEADING SECTION		VANE		FLAP LEADING SECTION		FLAP TRAILING SECTION	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
				UPPER	SURFACE				
.075	-7.30	0.000	-1.15	.075	-6.65	.025	-1.42	.025	-1.17
.150	-7.98	.029	-7.19	.150	-5.37	.050	-2.76	.050	-12.92
.200	-7.65	.057	-5.23	.200	-4.13	.075	-3.29	.100	-12.92
.300	-6.72	.086	-3.73	.300	-3.65	.100	-3.61	.150	-12.82
.400	-6.11	.114	-3.07	.400	-2.88	.149	-3.73	.200	-12.28
.500	-6.31	.172	-2.80	.500	-4.76	.200	-4.22	.250	-10.79
.600	-5.47	.229	-2.32	.600	-3.33	.250	-3.87	.300	-8.20
.700	-4.67	.286	-2.16	.700	-3.10	.300	-4.67	.400	-5.67
.800	-3.86	.343	-1.70	.800	-2.88	.350	-4.48	.500	-2.73
		.400	-1.01			.400	-2.47	.600	-2.27
		.458	-1.68			.500	-3.26	.703	-3.73
		.571	-1.02			.600	-1.76	.826	-4.75
		.686	-1.41			.703	-2.01		
		.801	-1.16			.800	-1.33		
		.915	-2.56						
		.967	-3.47						
		.994	-6.82						
				LOWER	SURFACE				
.075	1.38	.029	1.54	.075	-1.01	.025	-2.00	.025	6.70
.150	1.84	.057	1.79	.150	1.38	.050	-1.20	.050	7.76
.200	1.95	.086	1.86	.200	2.18	.075	.18	.100	7.79
.300	1.92	.114	1.97	.300	2.87	.100	-.02	.150	9.53
.400	1.98	.172	1.90	.400	3.20	.150	1.80	.200	8.66
.500	1.72	.229	1.98	.500	3.93	.200	2.56	.250	9.33
.600	1.69	.286	1.93	.600	4.30	.250	2.78	.300	8.94
.700	1.43	.343	2.00	.700	4.13	.300	2.55	.400	9.21
.861	.70	.400	1.97	.861	5.13	.350	3.96	.500	9.13
		.458	1.98			.400	4.43	.600	9.17
		.571	1.94			.500	4.24	.703	11.45
		.686	1.93			.600	-6.07	.756	11.38
						.700	-5.95		

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