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AERODYNAMIC LOAD DISTRIBUTIONS AT TRANSONIC SPEEDS

FOR A CLOSE-COUPLED WING-CANARD CONFIGURATION:

TABULATED PRESSURE DATA

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16 Abstract

This wind-tunnel investigation obtained aerodynamic load distributions, at transonic speeds, on both the canard and wing surfaces of a model that is geometrically identical to one used in several force and moment tests. The investigation included detailed component and configuration arrangement studies to provide insight into the various aerodynamic interference effects. In addition to the detailed pressure measurements, the pressures have been integrated to illustrate the effects of Mach number, canard location, and canard-wing interference on various aerodynamic parameters. The present investigation was conducted in the Langley 8-foot transonic pressure tunnel. The Mach numbers ranged from 0.70 to 1.20 for data taken from 0° to approximately 16° angle-of-attack at 0° sideslip.

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NOTICE

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Abstract

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Introduction

Past investigations (refs. 1-12) indicate that proper use of canard
surfaces on maneuvering aircraft can offer several attractive features
such as potentially higher trimmed-lift capability, improved pitching
moment characteristics and reduced trimmed drag. In addition, the geometric
characteristics of close-coupled canard-wing configurations offer a
potential for improved longitudinal progression of cross sectional area.
This improvement could result in reduced wave drag at low supersonic
speeds. The close-coupled geometry also allows removal of the horizontal
control surfaces from the large wing downwash and jet exhaust.

Flow visualization and analytical studies (ref. 13, 14 and 15) show
that with the occurrence of a wing leading edge vortex, the canard produces
a complex flow field on the wing surface resulting in favorable interference
effects. These effects have been discussed in several papers (ref. 4, 5 and
6) dealing with the total forces and moments produced by close-coupled
canard-wing configurations.

Until recently, very little experimental information was available
with regard to the load distributions on the canard and wing surfaces for the
close-coupled canard-wing configurations. The tabulated pressure data presented
in this paper permits a more detailed study of the canard/wing flow field and
load distribution. An analysis of selected portions of the data is presented
in reference 17. It is a continuation of the work described in reference 4.
A preliminary analysis of this data can also be found in reference 18.

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Symbols

The International System of Units is used for the physical quantities found in this paper. Measurements and calculations were made in U. S. Customary Units.

A aspect ratio, b^2/S

b wing span, cm.

c local chord length, cm.

$\bar{c}$ wing mean geometric chord, cm.

c_{ave} average length of root chord and tip chord on canard or wing, cm.

c_n section normal force coefficient based on local chord length

$\dfrac{c_n c}{c_{ave}}$ span load distribution

CONFIG   configuration number

S wing reference area (extended to plane of symmetry), cm^2

S_c canard reference area (exposed area), cm^2

$x, \bar{x}$ longitudinal distance measured from wing or canard leading edge, cm

X longitudinal distance of center of pressure measured from wing or canard leading edge-fuselage intersection, cm.

$\bar{X}$ longitudinal distance measured from wing leading edge-fuselage intersection, cm.

y lateral distance measured from wing or canard-fuselage intersection, cm.

Y lateral distance of center of pressure measured from wing or canard-fuselage intersection, cm.

z vertical distance from wing chord plane to canard chord plane (positive up), cm.

α angle of attack, deg.

Λ canard leading edge sweep, deg.

Λ_w wing leading edge sweep angle, deg.

Model Description

A drawing of the model used in this wind tunnel investigation is
presented in figure 1. The model was designed so that various wing and canard
planforms could be attached to the common fuselage and positional relationships
of the lifting surfaces (wings and canards) varied. The wings and canards were
instrumented with pressure orifices; the upper surface orifices were located
on one lifting surface (wing or canard) with the lower surface orifices located
on the lifting surface on the other side of the model. Tables I and II give
the orifice locations for the wing and canard respectively. Pressure data
from the wings and canards could not be obtained simultaneously because of
space restrictions in the model; thus, when both the canards and wings were on
the model at the same time, either the wings or canards were uninstrumented.
Figure 2 is a photograph showing the model and the instrumented and
uninstrumented canards and wings. Table III presents the pertinent geometric
parameters associated with this model.

The 60° swept, untwisted, wing had uncambered circular-arc airfoil
sections. The maximum thickness distribution varied linearly from 6 percent
of the chord at the root (the root in this paper is the wing-fuselage intersection)
to 4 percent of the chord at the tip.

The canard had a leading-edge sweep angle of 51.7° and an exposed area
of 28.0 percent of the wing reference area. The canard was untwisted and
had uncambered circular-arc airfoil sections. The maximum thickness distribution
varied linearly from 6 percent of the chord at the root (canard-fuselage
intersection) to 4 percent at the tip.

The canard was tested in the wing chord plane ($z/\bar{c} = 0.0$) and in positions 18.5 percent of the wing mean geometric chord above and below the wing chord plane ($z/\bar{c} = 0.185$ and -0.185). To obtain the configuration with the canard located below the wing chord plane, the model with the canard in the high position was rolled 180° on the sting.

Apparatus, Tests, and Corrections

This investigation was conducted in the Langley 8-foot transonic pressure tunnel which is a continuous-flow facility. Tests were made at Mach numbers of 0.70, 0.90, 0.95, 1.03 and 1.20 corresponding to Reynolds numbers, based on wing mean geometric chord of 1.35×10^6, 1.52×10^6, 1.54×10^6, 1.58×10^6 and 1.61×10^6 respectively. Because flow separation is induced at the sharp leading edges of the canard and wing, the Reynolds number effect should be small. Tests were made at angles of attack from approximately $0°$ to $16°$ at $0°$ sideslip. Angles of attack have been corrected for effects of sting deflection due to aerodynamic load. All tests were made with boundary-layer transition fixed on the model by means of a narrow strip of carborundum grit placed on the body, wings, and canards using the methods outlined in reference 16.

Presentation of Data

The data presented herein, in tabular form, is a complete set of pressure data supporting references 17 and 18. The data include surface pressure coefficients, spanload distributions, sectional centers of pressure and centers of pressure for both the wing and canard. For a discussion of the data presented, refer to reference 17.

A listing of the configurations that were tested is presented in Table IV. The configuration number associated with each geometry is used as identification for the tabulated pressure coefficient data.

Table V provides a summary of the tabulated pressure coefficient data to aid in locating specific cases. Table VI contains pressure coefficient data. This set of data is identified by configuration number, Mach number and angle of attack. The astericks appearing for some of the orifice locations indicate bad pressure ports so, for these locations, the data was not tabulated.

Spanload distributions for the wing and canard are tabulated in tables VII and VIII respectively. The data is arranged by angle of attack for each of the five Mach numbers. These distributions were obtained by integrating the sectional pressure distributions which resulted in sectional normal force coefficients based on local chord. These values were then normalized with respect to the average local chord.

Tables IX and X present sectional centers of pressure for the wing and canard respectively. These values were determined by finding the chordwise location of the centroid of the sectional pressure distribution.

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Table XI and XII are tabulations of the centers of pressure for the wing and canard. They were found by determining the centroid of the spanload distribution.

For a discussion of the data and comparative plots refer to reference 17.

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TABLE I.- WING PRESSURE ORIFICE LOCATIONS

SPAN STATION (upper and lower surfaces)	1 $y = 2.54$	2 $y = 5.08$	3 $y = 7.62$	4 $y = 10.16$	5 $y = 12.70$	6 $y = 15.24$	7 $y = 17.78$	8 $y = 20.32$
	.0125	.0125	.0125	.0125				
	.0250	.0250	.0250	.0250	.0250	.0250	.0250	
	.0500	.0500	.0500	.0500	.0500	.0500	.0500	.0500
	.1000	.1000	.1000	.1000	.1000	.1000	.1000	.1000
	.1500	.1500	.1500	.1500	.1500	.1500	.1500	.1500
$\frac{x}{c}$	.2250	.2250	.2250	.2250	.2250	.2250	.2250	.2250
	.3000	.3000	.3000	.3000	.3000	.3000	.3000	.3000
(upper and lower surfaces)	.4500	.4500	.4500	.4500	.4500	.4500	.4500	.4500
	.6000	.6000	.6000	.6000	.6000	.6000	.6000	.6000
	.7500	.7500	.7500	.7500	.7500	.7500	.7500	.7500
	.9000	.9000	.9000	.9000	.9000	.9000	.9000	.9000
	.9500	.9500	.9500	.9500	.9500	.9500		
c	27.09	24.38	21.67	18.97	16.26	13.56	10.84	8.13

TABLE II.- CANARD PRESSURE ORIFICE LOCATIONS

SPAN STATION (upper and lower surfaces)	1 $y = 2.54$	2 $y = 3.81$	3 $y = 5.08$	4 $y = 6.35$	5 $y = 7.62$	6 $y = 8.89$	7 $y = 10.16$	8 $y = 11.43$	9 $y = 12.90$
	.0250	.0250	.0250	.0250	.0250				
	.0500	.0500	.0500	.0500	.0500	.0500	.0500	.0500	
	.1000	.1000	.1000	.1000	.1000	.1000	.1000	.1000	.1000
	.1500	.1500	.1500	.1500	.1500	.1500	.1500	.1500	.1500
$\dfrac{x}{c}$	.2250	.2250	.2250	.2250	.2250	.2250	.2250	.2250	.2250
	.3000	.3000	.3000	.3000	.3000	.3000	.3000	.3000	.3000
(upper and lower surfaces)	.4500	.4500	.4500	.4500	.4500	.4500	.4500	.4500	.4500
	.6000	.6000	.6000	.6000	.6000	.6000	.6000	.6000	.6000
	.7500	.7500	.7500	.7500	.7500	.7500	.7500	.7500	.7500
	.9000	.9000	.9000	.9000	.9000	.9000	.9000	.9000	.9000
	.9500	.9500	.9500	.9500	.9500	.9500			
	.9750	.9750	.9750						
c	15.21	13.85	12.50	11.15	9.79	8.44	7.08	5.73	4.38

TABLE III.- GEOMETRIC CHARACTERISTICS

Body:

    Length, cm 96.52

Wing

    A (b^2/S) 2.5

    b/2, cm. 25.4

    Λ_w, deg. 60

    $\bar{c}$, cm 23.31

    Airfoil section. . . . . Circular arc

    S (area extended to plane of symmetry), cm^2. . . . . 1032.2

    Root chord, cm 29.80

    Tip chord, cm. 6.77

    Maximum thickness, percent chord, at -

        Root 6

        Tip. 4

Canard:

    A (b^2/S_c). 4.12

    Λ, deg 51.7

    $\bar{c}$, cm. 14.83

    Airfoil section. . . . . Circular arc

    S_c (exposed area), cm^2 . . . . 288.73

    b/2, cm. 17.25

    Root chord, cm 17.92

    Tip chord, cm. 3.59

    Maximum thickness, percent chord, at -

        Root 6

TABLE IV.- CONFIGURATION DEFINITION

CONFIGURATION	CANARD	WING	$z/\bar{c}$	INSTRUMENTED
1	off	on	0.0	wing
2	on	on	0.0	wing
3	off	on	0.185	wing
4	on	on	0. 85	wing
5	on	on	-0.185	wing
6	off	on	-0.185	wing
7	on	off	0.0	canard
8	on	on	0.0	canard

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TABLE V.- CONFIGURATION ANGLES OF ATTACK FOR TABULATED DATA

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CONFIGURATION	MACH NO.	ANGLES OF ATTACK (DEG.)				
1	.70	-.03	4.05	8.15	12.27	16.37
2	.70	.00	4.19	8.40	12.63	16.84
3	.70	.01	4.08	8.19	12.30	16.43
4	.70	.00	4.22	8.44	12.67	16.94
5	.70	.00	4.21	8.38	12.55	16.68
6	.70	.00	4.10	8.18	12.31	16.42
7	.70	.00	--	8.37	12.51	16.64
8	.70	.05	--	8.47	12.68	16.91
1	.90	-.02	4.09	8.21	12.35	16.49
2	.90	-.01	4.27	8.55	12.83	17.14
3	.90	.01	4.12	8.24	12.39	16.55
4	.90	.01	4.32	8.62	12.91	17.25
5	.90	-.01	4.28	8.49	12.73	16.89
6	.90	-.01	4.12	8.23	12.38	16.53
7	.90	.01	--	8.53	12.71	16.90
8	.90	.06	--	8.64	12.90	17.21
1	.95	-.03	4.09	8.19	12.33	16.49
2	.95	.00	4.30	8.59	12.89	17.20
3	.95	.01	4.12	8.25	12.39	16.53
4	.95	.02	4.33	8.66	12.97	17.36
5	.95	-.02	4.29	8.53	12.73	16.97
6	.95	.01	4.12	8.24	12.38	16.53
7	.95	.00	--	8.60	12.82	16.99
8	.95	-.01	--	8.59	12.88	17.22
1	1.03	-.02	4.07	8.19	12.33	16.48
2	1.03	.01	4.30	8.65	13.00	17.30
3	1.03	.00	4.12	8.26	12.38	16.51
4	1.03	.01	4.34	8.70	13.07	17.41
5	1.03	.01	4.33	8.60	12.86	17.09
6	1.03	.00	4.11	8.23	12.35	16.51
7	1.03	.01	--	8.65	12.94	17.07
8	1.03	-.01	--	8.65	13.00	17.30
1	1.20	-.03	4.08	8.19	12.33	16.48
2	1.20	.01	4.34	8.68	13.01	17.32
3	1.20	.00	4.13	8.24	12.38	16.54
4	1.20	.01	4.36	8.70	13.06	17.40
5	1.20	-.01	4.33	8.64	12.88	17.16
6	1.20	.00	4.10	8.22	12.35	16.52
7	1.20	.01	--	8.65	12.91	17.12
8	1.20	-.01	--	8.67	13.01	17.33

TABLE VI.- TEST DATA

Symbols used in the tabulated data are

defined as follows:

CONFIG - - - - - - configuration number (see table IV)

MACH   - - - - - - mach number

ALPHA   - - - - - - angle of attack, deg.

X/C   - - - - - - chordwise distance from leading edge

of instrumented surface divided by

local chord length

CP   - - - - - - pressure coefficient

******* - - - - - bad pressure orifice - data was

not tabulated

TABLE VI.- TEST DATA

(a) Mach = 0.70

CONFIG 1   MACH .70   ALPHA -.03

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1124	.0955	.0930	.0668	.0814	.0567	.0716	.0494
.0250	.0855	.0850	.0661	.0440	.0513	.0321	.0374	.0221
.0500	.0642	.0508	.0485	.0294	.0184	.0084	.0198	.0025
.1000	.0438	.0166	-.0016	-.0016	-.0159	-.0249	-.0094	-.0390
.1500	-.0057	-.0121	-.0241	-.0385	-.0397	-.0500	-.0493	-.0559
.2250	-.0397	-.0376	-.0634	-.0687	-.0694	-.0824	-.0735	-.0893
.3000	-.0589	-.0651	-.0776	-.0943	-.0991	-.1026	-.1018	-.1049
.4500	*******	-.1662	-.1187	-.1296	-.1224	-.1369	-.1256	-.1350
.6000	-.1676	-.1300	-.1356	-.1415	-.1315	-.1277	-.1219	-.1318
.7500	-.1206	-.1200	-.1068	-.1163	-.1023	-.1085	-.0991	-.1026
.9000	-.0410	-.0436	-.0205	-.0230	-.0113	-.0107	-.0006	-.0030
.9500	.0165	.0203	.0332	.0383	.0471	.0472	.0517	.0516

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.0485	.0232	.0530	.0094	.0622	.0035		
.0500	.0376	-.0071	.0585	-.0231	.0269	-.0259	.0287	.0044
.1000	-.0232	-.0332	-.0264	-.0465	-.0204	-.0359	-.0103	-.0405
.1500	-.0520	-.0625	-.0465	-.0643	-.0383	-.0703	*******	-.0643
.2250	-.0781	-.0909	-.0703	-.0894	-.0648	-.0836	-.0676	-.0905
.3000	-.0937	-.1143	-.0909	*******	-.0813	-.1060	-.0767	-.0960
.4500	-.1174	-.1262	-.1142	-.1211	-.0978	-.1092	-.0868	*******
.6000	-.1206	-.1184	-.1097	-.1129	-.0982	-.1074	-.0743	-.0818
.7500	-.0859	-.0909	-.0767	-.0882	-.0630	-.0790	-.0342	-.0456
.9000	.0044	-.0011	.0099	.0035	.0131	.0103	.0333	.0264
.9500	.0526	.0516	.0508	.0534				

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TABLE VI.- TEST DATA

(a) Continued

CONFIG 1   MACH .70   ALPHA 4.05

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.4100	.2838	-.4251	.2628	-.4512	.2578	-.4640	.2505
.0250	-.4352	.2569	-.4448	.2400	-.4466	.2368	-.4676	.2314
.0500	-.3986	.2026	-.4535	.1944	-.4654	.1953	-.4740	.1985
.1000	-.1755	.1516	-.4183	.1434	-.5152	.1384	-.4951	.1365
.1500	-.1156	.1174	-.1650	.1023	-.3931	.0960	-.5006	.1014
.2250	-.1508	.0759	-.1462	.0604	-.1782	.0504	-.4231	.0508
.3000	-.1645	.0403	-.1723	.0253	-.1768	.0203	-.2441	.0166
.4500	*******	-.0157	-.2043	-.0308	-.2075	-.0335	-.1837	-.0290
.6000	-.2075	-.0555	-.1997	-.0637	-.1938	-.0655	-.1736	-.0536
.7500	-.1631	-.0646	-.1480	-.0701	-.1389	-.0601	-.1311	-.0472
.9000	-.0534	-.0285	-.0305	-.0085	-.0196	.0029	-.0122	.0098
.9500	.0179	.0184	.0364	.0376	.0415	.0526	.0480	.0543

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.4872	.2304	-.4886	.2354	-.4840	.2350		
.0500	-.4881	.1937	-.4781	.2010	-.4868	.2047	-.4113	.2267
.1000	-.4913	.1447	-.4424	.1447	-.4936	.1680	-.4062	.1534
.1500	-.5119	.1016	-.4250	.1048	-.4858	.1167	*******	.1061
.2250	-.4950	.0534	-.4085	.0539	-.4936	.0773	-.3742	.0470
.3000	-.4135	.0163	-.3998	*******	-.4854	.0323	-.3463	.0044
.4500	-.2140	-.0213	-.3646	-.0121	-.3815	.0039	-.3454	*******
.6000	-.1527	-.0433	-.2424	-.0332	-.1761	-.0392	-.3271	-.0575
.7500	-.1051	-.0401	-.1289	-.0378	-.0356	-.0451	-.2571	-.0570
.9000	-.0043	.0167	-.0186	.0145	.0384	.0039	-.1628	-.0717
.9500	.0471	.0516	-.0264	.0562				

TABLE VI.- TEST DATA

(a) Continued

CONFIG 1   MACH .70   ALPHA 8.15

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.6769	.3576	-.8152	.2965	-.7845	.2687	-.7475	.2355
.0250	-.9414	.3554	-.8403	.3143	-.7960	.2916	-.7667	.2774
.0500	-1.0419	.3157	-.8399	.2993	-.8092	.2943	-.7726	.2824
.1000	-.9395	.2783	-.9395	.2551	-.8421	.2446	-.7854	.2423
.1500	-.1842	.2373	-1.1018	.2131	-.9523	.2131	-.8124	.2122
.2250	-.2983	.1890	-.7018	.1712	-1.0461	.1684	-.9318	.1680
.3000	-.2468	.1497	-.1494	.1265	-.9258	.1270	-.9898	.1297
.4500	*******	.0818	-.2377	.0649	-.2089	.0595	-.8380	.0649
.6000	-.2619	.0271	-.2422	.0164	-.1522	.0057	-.3049	.0262
.7500	-.2102	-.0021	-.1805	-.0103	-.1353	-.0021	-.1019	.0093
.9000	-.0653	-.0016	-.0365	.0189	-.0182	.0330	.0244	.0494
.9500	.0114	.0276	.0392	.0526	.0494	.0754	.0723	.0906
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.7256	.2634	-.6840	.2578	-.5568	.2542		
.0500	-.7243	.2693	-.6895	.2726	-.5508	.2652	-.0312	.2671
.1000	-.7448	.2451	-.6790	.2414	-.5449	.2542	-.3129	.2194
.1500	-.7549	.2111	-.6657	.2157	-.5284	.2166	*******	.1781
.2250	-.7732	.1657	-.6634	.1396	-.5124	.1726	-.2685	.1259
.3000	-.8309	.1281	-.6588	*******	-.4964	.1365	-.2447	.0741
.4500	-.8977	.0718	-.7165	.0786	-.4552	.0823	-.2232	*******
.6000	-.8213	.0369	-.7650	.0360	-.4497	.0039	-.1999	-.0767
.7500	-.4410	.0145	-.7197	.0057	-.5046	-.0754	-.1747	-.1226
.9000	-.0076	.0502	-.5261	-.0259	-.5261	-.1821	-.1559	-.1647
.9500	.0687	.0832	-.4104	-.0602				

TABLE VI.- TEST DATA

(a) Continued

CONFIG	MACH	ALPHA
1	.70	12.27

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-1.3134	.3859	-1.1607	.2747	-1.0898	.2259	-1.0052	.1712
.0250	-1.3431	.4237	-1.1945	.3417	-1.1045	.3016	-1.0190	.2756
.0500	-1.5160	.4014	-1.1836	.3640	-1.1086	.3348	-1.0217	.3166
.1000	-1.4670	.3813	-1.2681	.3467	-1.1241	.3248	-1.0258	.3143
.1500	-1.1936	.3467	-1.3033	.3171	-1.1442	.3006	-1.0565	.2943
.2250	-.4040	.3006	-1.6325	.2710	-1.2759	.2614	-1.0601	.2505
.3000	-.3249	.2532	-1.0263	.2309	-1.5731	.2218	-1.1141	.2200
.4500	*******	.1762	-.2796	.1584	-1.0263	.1475	-1.4679	.1479
.6000	-.3030	.1110	-.2449	.0964	-.2499	.0618	-1.0629	.0928
.7500	-.2202	.0636	-.1672	.0476	-.1022	.0467	-.5352	.0558
.9000	-.0643	.0244	-.0268	.0362	.0110	.0563	-.0163	.0540
.9500	-.0006	.0317	.0471	.0567	.0698	.0873	.0521	.0786

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.9223	.2414	-.7855	.2267	-.5618	.2267		
.0500	-.9237	.2918	-.7947	.2790	-.5526	.2680	-.3138	.2528
.1000	-.9274	.2978	-.7704	.2918	-.5366	.2909	-.3005	.2373
.1500	-.9416	.2794	-.7530	.2790	-.5128	.2570	*******	.2056
.2250	-.9507	.2450	-.7398	.1932	-.4822	.2226	-.2753	.1538
.3000	-.9255	.2070	-.7357	*******	-.4538	.1859	-.2479	.1011
.4500	-.9763	.1456	-.6583	.1359	-.4167	.1194	-.2465	*******
.5000	-1.2815	.0869	-.5554	.0672	-.3513	.0099	-.2506	-.0841
.7500	-1.0610	.0406	-.6990	-.0112	-.3133	-.1056	-.2621	-.1482
.9000	-.5082	.0025	-.7416	-.1409	-.4044	-.2554	-.2648	-.1986
.9500	-.3426	-.0254	-.7494	-.2577				

TABLE VI.- TEST DATA

(a) Continued

CONFIG 1   MACH .7u   ALPHA 16.37

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE	CP UPPER SURFACE STATION 2	CP LOWER SURFACE	CP UPPER SURFACE STATION 3	CP LOWER SURFACE	CP UPPER SURFACE STATION 4	CP LOWER SURFACE
.0125	-1.6816	.3823	-1.4666	.2296	-1.3468	.1594	-1.1881	.1005
.0250	-1.7483	.4535	-1.5055	.3463	-1.3637	.2788	-1.1945	.2410
.0500	-1.9784	.4663	-1.4666	.3983	-1.3596	.3527	-1.1794	.3281
.1000	-1.8805	.4649	-1.6706	.4047	-1.3568	.3691	-1.1533	.3504
.1500	-1.8453	.4389	-1.5887	.3846	-1.4332	.3623	-1.1259	.3463
.2250	-.9672	.3896	-1.6171	.3450	-1.3692	.3299	-1.1309	.3162
.3000	-.5830	.3459	-1.8037	.3112	-1.3189	.2952	-.9814	.2752
.4500	******	.2579	-.6832	.2314	-1.6376	.2104	-.8090	.1963
.6000	-.3690	.1776	-.3338	.1502	-.7884	.0969	-.9727	.1179
.7500	-.2537	.1014	-.2062	.0754	-.5199	.0545	-.8675	.0257
.9000	-.1462	.0285	-.1700	.0061	-.3566	-.0235	-.5716	-.0866
.9500	-.0882	.0075	-.0959	-.0135	-.2455	-.0509	-.5015	-.1501

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE	CP UPPER SURFACE STATION 6	CP LOWER SURFACE	CP UPPER SURFACE STATION 7	CP LOWER SURFACE	CP UPPER SURFACE STATION 8	CP LOWER SURFACE
.0125								
.0250	-.8883	.2148	-.7675	.1970	-.5510	.1832		
.0500	-.8837	.2969	-.7002	.2740	-.5423	.2382	-.3734	.2272
.1000	-.8558	.3299	-.6878	.2960	-.5295	.2868	-.3711	.2263
.1500	-.7995	.3176	-.6759	.2965	-.5130	.2621	******	.2048
.2250	-.7867	.2896	-.6599	.2112	-.4951	.2369	-.3597	.1598
.3000	-.7665	.2524	-.6471	******	-.4846	.1951	-.3427	.1057
.4500	-.7524	.1699	-.6274	.1506	-.4677	.1268	-.3427	******
.6000	-.7698	.0892	-.5675	.0507	-.4260	.0025	-.3198	-.0786
.7500	-.7075	-.0163	-.5020	-.0621	-.3885	-.1116	-.3006	-.1350
.9000	-.6155	-.1606	-.4947	-.2161	-.3679	-.2156	-.2741	-.1790
.9500	-.6064	-.2509	-.4928	-.2954				

TABLE VI.- TEST DATA

(a) Continued

CONFIG 2 MACH .70 ALPHA .00

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1258	.1327	.0798	.0847	.0607	.0788	.0047	.0719
.0250	.1142	.1204	.0640	.0761	.0384	.0541	.0217	.0436
.0500	.0942	.0861	.0491	.0514	.0203	.0313	.0049	.0235
.1000	.0626	.0486	.0114	.0148	-.0122	-.0099	-.0159	-.0213
.1500	.0161	.0130	-.0168	-.0204	-.0342	-.0346	-.0489	-.0452
.2250	-.0292	-.0245	-.0512	-.0507	-.0654	-.0686	-.0741	-.0837
.3000	-.0521	-.0553	-.0732	-.0791	-.0934	-.0929	-.1007	-.1025
.4500	*******	-.1021	-.1117	-.1190	-.1200	-.1296	-.1149	-.1310
.6000	-.1370	-.1236	-.1292	-.1310	-.1232	-.1236	-.1159	-.1301
.7500	-.1122	-.1145	-.1016	-.1108	-.0934	-.1039	-.0916	-.0970
.9000	-.0352	-.0392	-.0228	-.0222	-.0067	-.0122	-.0016	-.0076
.9500	.0165	.0175	.0361	.0358	.0426	.0431	.0481	.0425

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.0375	.0402	.0624	.0020	.0688	.0007	.0357	.0076
.0500	.0320	.0094	.0154	-.0145	.0352	-.0214	-.0076	-.0457
.1000	-.0714	-.0310	-.0274	-.0563	-.0223	-.0379	*******	-.0742
.1500	-.0471	-.0678	-.0407	-.0692	-.0338	-.0701	-.0654	-.0926
.2250	-.0760	-.0917	-.0696	-.0853	-.0618	-.0876	-.0801	-.1059
.3000	-.1035	-.1174	-.0870	*******	-.0815	-.1068	-.0897	*******
.4500	-.1145	-.1330	-.1154	-.1229	-.0975	-.1124	-.0897	-.0853
.6000	-.1131	-.1225	-.1053	-.1151	-.0980	-.1096	-.0755	-.0480
.7500	-.0824	-.0954	-.0746	-.0833	-.0622	-.0807	-.0324	.0232
.9000	.0067	-.0030	.0099	.0057	.0145	.0062	.0320	
.9500	.0499	.0388	.0481	.0549				

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TABLE VI.- TEST DATA

(a) Continued

	CONFIG 2			MACH .70			ALPHA 4.19

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.0505	.2142	-.0462	.1652	-.1966	.1524	-.2805	.1483
.0250	.0472	.1803	-.0164	.1355	-.1021	.1168	-.2342	.1172
.0500	.0444	.1296	-.0104	.1003	-.0558	.0820	-.1251	.0967
.1000	.0156	.0898	-.0402	.0601	-.0842	.0404	-.1347	.0550
.1500	-.0269	.0532	-.0687	.0249	-.1044	.0194	-.1921	.0427
.2250	-.0673	.0144	-.1058	-.0071	-.1388	-.0067	-.1801	.0089
.3000	-.0925	-.0113	-.1246	-.0332	-.1613	-.0277	-.1943	-.0094
.4500	******	-.0571	-.1645	-.0700	-.1893	-.0631	-.2030	-.0456
.6000	-.1650	-.0828	-.1778	-.0851	-.1792	-.0819	-.1778	-.0640
.7500	-.1448	-.0824	-.1379	-.0810	-.1264	-.0700	-.1274	-.0594
.9000	-.0498	-.0378	-.0242	-.0186	-.0141	-.0094	-.0086	-.0062
.9500	.0096	.0139	.0328	.0244	.0426	.0363	.0371	.0365
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.5262	.1832	-.5459	.2273	-.5087	.2351		
.0500	-.5840	.1519	-.5386	.1924	-.5115	.2085	-.4362	.2328
.1000	-.7050	.1207	-.5858	.1423	-.5321	.1708	-.4225	.1620
.1500	-.1903	.0839	-.6221	.1096	-.5165	.1147	******	.1069
.2250	-.2128	.0443	-.4601	.0508	-.4996	.0724	-.4238	.0549
.3000	-.2288	.0122	-.2233	******	-.4610	.0384	-.3977	.0131
.4500	-.2054	-.0288	-.1673	-.0159	-.3307	.0030	-.3481	******
.6000	-.1692	-.0481	-.1325	-.0412	-.1705	-.0384	-.2577	-.0531
.7500	-.1036	-.0494	-.0742	-.0462	-.0659	-.0402	-.1632	-.0412
.9000	-.0058	-.0039	.0279	.0062	.0150	.0168	-.0737	-.0117
.9500	.0394	.0282	.0670	.0508				

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TABLE VI.- TEST DATA

(a) Continued

CONFIG	MACH	ALPHA
2	.70	8.40

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.1504	.2361	-.2742	.1684	-.3962	.1401	-.6930	.1520
.0250	-.0563	.2041	-.2650	.1520	-.4292	.1369	-.7439	.1826
.0500	-.0192	.1520	-.0834	.1287	-.3393	.1241	-.9462	.1977
.1000	-.0476	.1200	-.1145	.0971	-.1779	.1168	-.7008	.1771
.1500	-.0935	.0935	-.1564	.0747	-.2329	.1049	-.3270	.1607
.2250	-.1274	.0656	-.1921	.0661	-.2788	.0893	-.3444	.1200
.3000	-.1655	.0450	-.2224	.0450	-.2944	.0720	-.3435	.0967
.4500	*******	.0089	-.2710	.0121	-.3072	.0258	-.3224	.0439
.6000	-.2375	-.0209	-.2660	-.0163	-.2774	-.0227	-.2618	.0057
.7500	-.2132	-.0346	-.1990	-.0360	-.1962	-.0273	-.1962	-.0177
.9000	-.0848	-.0218	-.0632	-.0140	-.0614	-.0081	-.0586	-.0085
.9500	-.0169	.0125	.0017	.0134	.0007	.0176	-.0108	.0085
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.8227	.2181	-.7846	.2259	-.6538	.2351		
.0500	-.8190	.2337	-.7855	.2498	-.6483	.2480	-.4679	.2627
.1000	-.9383	.2167	-.7809	.2278	-.6520	.2475	-.4592	.2246
.1500	-.9970	.1878	-.7915	.2043	-.6364	.2071	*******	.1823
.2250	-.9718	.1464	-.8181	.1308	-.6561	.1744	-.4225	.1363
.3000	-.5698	.1119	-.9580	*******	-.6611	.1294	-.3795	.0853
.4500	-.2367	.0535	-.9635	.0669	-.7112	.0774	-.3624	*******
.6000	-.1954	.0126	-.3234	.0186	-.9181	.0172	-.2798	-.0402
.7500	-.1137	-.0163	-.0724	-.0131	-.7153	-.0255	-.2096	-.0839
.9000	-.0076	-.0007	.0196	.0048	-.3142	-.0242	-.2789	-.1786
.9500	.0260	.0191	.0467	.0342				

TABLE VI.- TEST DATA

(a) Continued

CONFIG	MACH	ALPHA
2	.70	12.63

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE	CP UPPER SURFACE STATION 2	CP LOWER SURFACE	CP UPPER SURFACE STATION 3	CP LOWER SURFACE	CP UPPER SURFACE STATION 4	CP LOWER SURFACE
.0125	-.3328	.2531	-.4403	.1539	-.7819	.1301	-.9245	.1005
.0250	-.3357	.2213	-.4883	.1634	-.8396	.1817	-.9841	.1409
.0500	-.1755	.1839	-.5620	.1716	-.6786	.2127	-1.0412	.2069
.1000	-.1257	.1602	-.1400	.1703	-.7033	.2172	-1.0467	.2535
.1500	-.1586	.1525	-.2514	.1784	-.4911	.2091	-1.1918	.2448
.2250	-.2103	.1397	-.3292	.1671	-.4906	.1912	-.9818	.2127
.3000	-.2578	.1329	-.3630	.1457	-.4998	.1657	-.6947	.1835
.4500	*******	.1033	-.3900	.1314	-.4572	.1087	-.4865	.1201
.6000	-.3214	.0535	-.3658	.0549	-.3882	.0362	-.3760	.1022
.7500	-.2499	.0189	-.2821	.0075	-.2867	.0121	-.2845	.0052
.9000	-.1257	-.0062	-.1156	-.0121	-.1316	-.0130	-.1394	-.0358
.9500	-.0548	.0029	-.0456	-.0025	-.0749	-.0130	-.1005	-.0410

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE	CP UPPER SURFACE STATION 6	CP LOWER SURFACE	CP UPPER SURFACE STATION 7	CP LOWER SURFACE	CP UPPER SURFACE STATION 8	CP LOWER SURFACE
.0125								
.0250	-.9182	.1992	-.8019	.1955	-.5983	.2061		
.0500	-.9154	.2519	-.8607	.2542	-.5883	.2496	-.3316	.2574
.1000	-.9459	.2679	-.8244	.2684	-.5928	.2721	-.3139	.2473
.1500	-.9859	.2514	-.8358	.2569	-.5791	.2528	*******	.2148
.2250	-1.0408	.2239	-.8134	.1763	-.6615	.2175	-.2876	.1671
.3000	-1.2545	.1914	-.7777	*******	-.5901	.1753	-.2643	.1194
.4500	-.9938	.1231	-.9035	.1213	-.4931	.1213	-.2748	*******
.6000	-.5425	.0640	-1.0339	.0525	-.4288	.0204	-.2149	-.0552
.7500	-.3311	-.0067	-.7617	-.0186	-.4423	-.0790	-.1797	-.1221
.9000	-.1842	-.0525	-.4725	-.0978	-.5585	-.2060	-.1737	-.1776
.9500	-.1394	-.0653	-.4025	-.1515				

TABLE VI.- TEST DATA

(a) Continued

CONFIG 2 MACH .70 ALPHA 16.84

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE STATION 1	CP UPPER SURFACE STATION 2	CP LOWER SURFACE STATION 2	CP UPPER SURFACE STATION 3	CP LOWER SURFACE STATION 3	CP UPPER SURFACE STATION 4	CP LOWER SURFACE STATION 4
.0125	-.6038	.2278	-.7992	.1233	-.9679	.0846	-1.0036	.0454
.0250	-.7360	.2428	-.8526	.1945	-1.0196	.1908	-1.0356	.1835
.0500	-.2570	.2223	-.9455	.2424	-1.0306	.2652	-1.0608	.2688
.1000	-.2318	.2387	-.5333	.2670	-1.1445	.2930	-1.0631	.2971
.1500	-.2753	.2456	-.5296	.2670	-1.0905	.2912	-1.1088	.3062
.2250	-.3416	.2465	-.5749	.2620	-.9478	.2780	-1.1944	.2811
.3000	-.3851	.2069	-.5919	.2428	-.8426	.2510	-1.1902	.2579
.4500	******	.1968	-.5946	.1908	-.7410	.1913	-1.0132	.1845
.6000	-.4391	.1411	-.5701	.1306	-.6207	.0923	-.8114	.1142
.7500	-.3846	.0782	-.4029	.0609	-.4606	.0476	-.6527	.0257
.9000	-.2121	.0185	-.2121	-.0034	-.2927	-.0441	-.4262	-.0885
.9500	-.1275	.0029	-.1504	-.0350	-.2542	-.0775	-.3944	-.1442

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE STATION 5	CP UPPER SURFACE STATION 6	CP LOWER SURFACE STATION 6	CP UPPER SURFACE STATION 7	CP LOWER SURFACE STATION 7	CP UPPER SURFACE STATION 8	CP LOWER SURFACE STATION 8
.0125								
.0250	-.9720	.1639	-.7967	.1667	-.5015	.1882		
.0500	-.9807	.2520	-.8004	.2538	-.4987	.2437		
.1000	-.9862	.3015	-.7853	.2942	-.4873	.2960	-.2658	.2474
.1500	-.9775	.3015	-.7496	.2980	-.4690	.2754	-.2584	.2488
.2250	-.9624	.2800	-.7166	.2116	-.4420	.2552	******	.2254
.3000	-.9821	.2497	-.6695	******	-.4186	.2144	-.2346	.1892
.4500	-1.0228	.1772	-.6109	.1594	-.3761	.1474	-.2205	.1406
.6000	-.9583	.0988	-.6008	.0658	-.3331	.0236	-.2127	******
.7500	-.8377	-.0034	-.6141	-.0433	-.2914	-.0956	-.1989	-.0447
.9000	-.6548	-.1451	-.6397	-.2074	-.3170	-.2221	-.1742	-.1034
.9500	-.6017	-.2244	-.6379	-.3124			-.1545	-.1323

TABLE VI.- TEST DATA

(a) Continued

CONFIG	MACH	ALPHA
3	.70	.01

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE STATION 1	CP UPPER SURFACE STATION 2	CP LOWER SURFACE STATION 2	CP UPPER SURFACE STATION 3	CP LOWER SURFACE STATION 3	CP UPPER SURFACE STATION 4	CP LOWER SURFACE STATION 4
.0125	.0862	.1199	.0825	.0829	.0662	.0888	.0895	.0354
.0250	.0593	.0979	.0537	.0705	.0518	.0513	.0333	.0180
.0500	.0463	.0600	.0344	.0381	.0268	.0203	.0091	.0116
.1000	.0333	.0271	.0031	.0052	-.0095	-.0185	-.0132	-.0378
.1500	-.0048	-.0016	-.0201	-.0350	-.0398	-.0493	-.0545	-.0515
.2250	-.0337	-.0364	-.0467	-.0630	-.0683	-.0758	-.0747	-.0914
.3000	-.0467	-.0612	-.0756	-.0896	-.0948	-.1043	-.0971	-.1088
.4500	******	-.1033	-.1141	-.1258	-.1205	-.1354	-.1223	-.1327
.6000	-.1397	-.1309	-.1315	-.1409	-.1292	-.1295	-.1237	-.1281
.7500	-.1159	-.1171	-.1109	-.1166	-.0994	-.1061	-.0948	-.0974
.9000	-.0366	-.0401	-.0215	-.0217	-.0095	-.0094	-.0025	-.0021
.9500	.0184	.0262	.0374	.0404	.0477	.0495	.0493	.0512

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE STATION 5	CP UPPER SURFACE STATION 6	CP LOWER SURFACE STATION 6	CP UPPER SURFACE STATION 7	CP LOWER SURFACE STATION 7	CP UPPER SURFACE STATION 8	CP LOWER SURFACE STATION 8
.0125								
.0250	.0435	.0190	.0499	.0131	.0545	.0043		
.0500	.0467	-.0048	-.0035	-.0126	.0154	-.0085	.0301	.0043
.1000	-.0232	-.0347	-.0265	-.0535	-.0269	-.0361	-.0150	-.0407
.1500	-.0540	-.0563	-.0475	-.0618	-.0432	-.0696	******	-.0700
.2250	-.0838	-.0953	-.0728	-.0838	-.0673	-.0815	-.0627	-.0935
.3000	-.1039	-.1123	-.0966	******	-.0911	-.1086	-.0861	-.1031
.4500	-.1230	-.1261	-.1149	-.1242	-.1053	-.1109	-.0961	******
.6000	-.1191	-.1215	-.1140	-.1137	-.1012	-.1077	-.0828	-.0811
.7500	-.0856	-.0912	-.0787	-.0847	-.0677	-.0801	-.0370	-.0494
.9000	.0034	.0034	.0034	.0066	.0090	.0080	.0306	.0259
.9500	.0527	.0526	.0481	.0544				

TABLE VI.- TEST DATA

(a) Continued

CONFIG 3 MACH .70 ALPHA 4.08

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.4720	.2930	-.4445	.2688	-.4353	.2606	-.4610	.2537
.0250	-.5041	.2624	-.4546	.2464	-.4385	.2400	-.4619	.2239
.0500	-.4889	.2021	-.4683	.1989	-.4550	.1971	-.4596	.1966
.1000	-.2268	.1578	-.4530	.1496	-.4889	.1390	-.4775	.1341
.1500	-.1114	.1217	-.1911	.1066	-.4459	.0970	-.4908	.1007
.2250	-.1770	.0774	-.1361	.0605	-.2594	.0568	-.3863	.0495
.3000	-.1466	.0431	-.1663	.0253	-.1641	.0189	-.2525	.0185
.4500	******	-.0126	-.2044	-.0327	-.1970	-.0364	-.1787	-.0305
.6000	-.1911	-.0580	-.1998	-.0044	-.1870	-.0639	-.1710	-.0520
.7500	-.1590	-.0644	-.1494	-.0685	-.1329	-.0580	-.1274	-.0525
.9000	-.0467	-.0259	-.0298	-.0103	-.0174	.0034	-.0086	.0116
.9500	.0202	.0221	.0356	.0431	.0439	.0536	.0472	.0549

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.4813	.2308	-.4886	.2358	-.4767	.2367	-.4084	.2294
.0500	-.4831	.1890	-.4785	.1991	-.4827	.1995	-.3983	.1536
.1000	-.4932	.1407	-.4460	.1444	-.4836	.1642	******	.1035
.1500	-.5074	.1012	-.4281	.1095	-.4795	.1155		
.2250	-.4886	.0549	-.4084	.0475	-.4795	.0732	-.3726	.0471
.3000	-.4318	.0186	-.4125	******	-.4703	.0333	-.3367	.0057
.4500	-.2199	-.0250	-.3030	-.0117	-.4084	.0002	-.3405	******
.6000	-.1544	-.0503	-.2530	-.0402	-.1975	-.0407	-.3213	-.0609
.7500	-.1035	-.0443	-.1301	-.0388	-.0443	-.0434	-.2612	-.0595
.9000	.0002	.0158	-.0173	.0172	.0417	.0076	-.1425	-.0687
.9500	.0522	.0549	.0265	.0562				

TABLE VI.- TEST DATA

(a) Continued

CONFIG	MACH	ALPHA
3	.70	8.19

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE STATION 1	CP UPPER SURFACE STATION 2	CP LOWER SURFACE STATION 2	CP UPPER SURFACE STATION 3	CP LOWER SURFACE STATION 3	CP UPPER SURFACE STATION 4	CP LOWER SURFACE STATION 4
.0125	-.9519	.3515	-.8337	.2944	-.7709	.2634	-.7402	.2341
.0250	-.9895	.3538	-.8438	.3168	-.7737	.2908	-.7544	.2784
.0500	-1.0674	.3113	-.8392	.2999	-.7842	.2862	-.7503	.2807
.1000	-1.0280	.2761	-.9437	.2565	-.8284	.2464	-.7704	.2373
.1500	-1.1829	.2416	-1.1179	.2163	-.9130	.2136	-.8007	.2099
.2250	-.1897	.1893	-.7342	.1743	-1.0482	.1669	-.9084	.1574
.3000	-.2204	.1468	-.1622	.1295	-.9121	.1217	-.9657	.1240
.4500	******	.0788	-.2204	.0577	-.2470	.0577	-.8452	.0637
.6000	-.2438	.0253	-.2365	.0121	-.1444	-.0026	-.3446	.0226
.7500	-.1971	-.0071	-.1737	-.0176	-.1228	-.0048	-.0843	-.0070
.9000	-.0527	-.0048	-.0330	.0079	-.0695	.0276	.0313	.0431
.9500	.0179	.0189	.0416	.0486	.0584	.0742	.0767	.0852

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE STATION 5	CP UPPER SURFACE STATION 6	CP LOWER SURFACE STATION 6	CP UPPER SURFACE STATION 7	CP LOWER SURFACE STATION 7	CP UPPER SURFACE STATION 8	CP LOWER SURFACE STATION 8
.0125								
.0250	-.7259	.2575	-.6749	.2565	-.5520	.2552		
.0500	-.7036	.2644	-.6754	.2671	-.5452	.2575	-.3191	.2575
.1000	-.7355	.2428	-.6644	.2382	-.5360	.2469	-.3003	.2147
.1500	-.7479	.2037	-.6598	.2129	-.5172	.2074	******	.1729
.2250	-.7593	.1637	-.6511	.1353	-.5611	.1716	-.2608	.1196
.3000	-.8167	.1247	-.6456	******	-.4832	.1298	-.2310	.0710
.4500	-.8740	.0691	-.6951	.0755	-.4443	.0751	-.2113	******
.6000	-.8190	.0314	-.7410	.0268	-.4316	-.0044	-.1943	-.0626
.7500	-.4632	.0140	-.7194	-.0048	-.4814	-.0806	-.1719	-.1307
.9000	-.0329	.0498	-.5287	-.0333	-.5172	-.1946	-.1563	-.1702
.9500	.0661	.0811	-.4291	-.0747				

TABLE VI.- TEST DATA

(a) Continued

	CONFIG 3		MACH .70		ALPHA 12.30

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-1.3977	.3730	-1.2108	.2679	-1.1113	.2176	-1.0385	.1637
.0250	-1.4289	.4091	-1.2108	.3419	-1.1122	.2962	-1.0403	.2688
.0500	-1.6008	.3958	-1.1906	.3593	-1.1173	.3355	-1.0320	.3140
.1000	-1.5306	.3803	-1.3130	.3424	-1.1278	.3209	-1.0352	.3044
.1500	-1.1228	.3446	-1.2960	.3081	-1.1512	.2985	-1.0449	.2875
.2250	-.3927	.2944	-1.4413	.2715	-1.1860	.2556	-1.0527	.2501
.3000	-.3139	.2533	-1.0815	.2295	-1.3849	.2186	-1.0733	.2158
.4500	******	.1770	-.3116	.1541	-1.1099	.1436	-1.3872	.1482
.6000	-.3047	.1048	-.2475	.0925	-.3332	.0577	-1.1187	.0883
.7500	-.2305	.0559	-.1686	.0440	-.1068	.0440	-.5884	.0463
.9000	-.0751	.0203	-.0229	.0335	.0058	.0459	-.0431	.0491
.9500	-.0062	.0276	.0449	.0523	.0630	.0792	.0278	.0723

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.9459	.2354	-.7927	.2184	-.5570	.2262		
.0500	-.3431	.2960	-.7854	.2813	-.5506	.2671	-.3144	.2606
.1000	-.9385	.3015	-.7712	.2905	-.5405	.2896	-.3094	.2372
.1500	-.9330	.2795	-.7546	.2753	-.5185	.2611	******	.2064
.2250	-.9443	.2409	-.7391	.1862	-.4947	.2257	-.2892	.1527
.3000	-.9197	.2165	-.7354	******	-.4777	.1853	-.2649	.1022
.4500	-.9482	.1495	-.6749	.1375	-.4410	.1169	-.2585	******
.6000	-1.2403	.0870	-.5832	.0700	-.3800	.0126	-.2608	-.0875
.7500	-1.1036	.0379	-.7313	-.0108	-.3355	-.1027	-.2709	-.1500
.9000	-.5804	-.0021	-.8147	-.1500	-.4075	-.2616	-.2681	-.1973
.9500	-.3906	-.0319	-.8065	-.2662				

TABLE VI.- TEST DATA

(a) Continued

	CONFIG		MACH		ALPHA	
	3		.70		16.43	

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-1.7758	.3811	-1.5091	.2235	-1.3634	.1500	-1.1962	.0870
.0250	-1.8330	.4496	-1.5087	.3404	-1.3636	.2783	-1.2012	.2395
.0500	-2.0745	.4610	-1.4697	.3930	-1.3543	.3564	-1.1773	.3295
.1000	-1.9824	.4679	-1.6878	.4030	-1.3419	.3720	-1.1508	.3455
.1500	-1.8408	.4377	-1.5559	.3857	-1.4276	.3605	-1.1169	.3459
.2250	-.9062	.3957	-1.5792	.3514	-1.3671	.3336	-1.1426	.3089
.3000	-.5529	.3505	-1.7414	.3112	-1.3048	.2934	-.9891	.2829
.4500	*******	.2569	-.7133	.2276	-1.6548	.2130	-.8136	.1998
.6000	-.3706	.1769	-.3317	.1550	-.7774	.1011	-.9919	.1162
.7500	-.2602	.1061	-.2226	.0774	-.5245	.0605	-.8631	.0290
.9000	-.1676	.0317	-.1539	.0157	-.3326	-.0250	-.5639	-.0891
.9500	-.1072	.0262	-.0952	-.0094	-.2409	-.0589	-.5032	-.1476

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.8970	.2160	-.7159	.1981	-.5468	.1876		
.0500	-.8961	.3037	-.7114	.2748	-.5422	.2450	-.3685	.2326
.1000	-.8365	.3368	-.6916	.3079	-.5294	.2854	-.3834	.2321
.1500	-.8030	.3267	-.6820	.3024	-.5110	.2693	*******	.2114
.2250	-.7801	.2955	-.6669	.2041	-.4899	.2413	-.3573	.1669
.3000	-.7655	.2504	-.6495	*******	-.4821	.1981	-.3405	.1132
.4500	-.7483	.1761	-.6178	.1563	-.4560	.1269	-.3345	*******
.6000	-.7645	.0980	-.5619	.0558	-.4226	.0099	-.3185	-.0760
.7500	-.6921	-.0039	-.4973	-.0590	-.3859	-.1004	-.2935	-.1288
.9000	-.6302	-.1564	-.4977	-.2147	-.3630	-.2110	-.2685	-.1701
.9500	-.6284	-.2491	-.5005	-.2973				

TABLE VI.- TEST DATA

(a) Continued

CONFIG	MACH	ALPHA
4	.70	-.00

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.0870	.1524	.0777	.1041	.0745	.0923	.0763	.0672
.0250	.0666	.1251	.0606	.0777	.0490	.0599	.0333	.0390
.0500	.0573	.0791	.0406	.0526	.0253	.0265	.0179	.0121
.1000	.0346	.0385	.0105	.0107	-.0089	-.0094	-.0144	-.0290
.1500	.0077	.0089	-.0176	-.0253	-.0359	-.0404	-.0469	-.0450
.2250	-.0194	-.0267	-.0482	-.0578	-.0688	-.0725	-.0733	-.0848
.3000	-.0373	-.0564	-.0711	-.0843	-.0917	-.1004	-.0907	-.1081
.4500	*******	-.1026	-.1104	-.1264	-.1177	-.1337	-.1200	-.1287
.6000	-.1324	-.1264	-.1282	-.1333	-.1287	-.1260	-.1228	-.1287
.7500	-.1159	-.1205	-.1068	-.1141	-.0976	-.1036	-.0944	-.0944
.9000	-.0427	-.0427	-.0199	-.0208	-.0157	-.0098	-.0034	-.0053
.9500	.0175	.0230	.0388	.0421	.0453	.0494	.0312	.0529

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.0398	.0328	.0462	.0209	.0568	.0149		
.0500	.0411	.0012	.0108	-.0149	.0232	-.0126	.0310	.0048
.1000	-.0227	-.0318	-.0241	-.0419	-.0291	-.0392	-.0039	-.0474
.1500	-.0497	-.0570	-.0460	-.0621	-.0360	-.0703	*******	-.0708
.2250	-.0780	-.0873	-.0703	-.0818	-.0680	-.0818	-.0639	-.0919
.3000	-.0991	-.1120	-.0963	*******	-.0895	-.1056	-.0840	-.1015
.4500	-.1192	-.1262	-.1123	-.1193	-.1023	-.1042	-.0841	*******
.6000	-.1174	-.1152	-.1101	-.1157	-.0986	-.1038	-.0817	-.0795
.7500	-.0876	-.0909	-.0744	-.0827	-.0634	-.0744	-.0314	-.0442
.9000	.0035	.0044	.0076	.0080	.0117	.0103	.0333	.0277
.9500	.0535	.0548	.0522	.0594				

TABLE VI.- TEST DATA

(a) Continued

	CONFIG 4			MACH .70					ALPHA 4.22	

X/C	CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1			STATION 2			STATION 3		STATION 4	
.0125	-.2306	.2499		-.2709	.2190		-.3129	.2158	-.3829	.2144
.0250	-.2046	.2103		-.2818	.1889		-.3289	.1825	-.3865	.1825
.0500	-.0341	.1620		-.1717	.1506		-.3390	.1392	-.4075	.1533
.1000	-.0386	.1214		-.0642	.0991		-.1214	.0909	-.3623	.1005
.1500	-.0583	.0882		-.0921	.0595		-.1113	.0563	-.1749	.0727
.2250	-.0821	.0481		-.1269	.0276		-.1561	.0194	-.1571	.0285
.3000	-.1013	.0139		-.1433	-.0080		-.1758	-.0080	-.1808	.0025
.4500	******	-.0340		-.1785	-.0514		-.1913	-.0564	-.1899	-.0436
.6000	-.1694	-.0688		-.1840	-.0761		-.1831	-.0747	-.1753	-.0619
.7500	-.1561	-.0756		-.1451	-.0784		-.1301	-.0656	-.1273	-.0587
.9000	-.0505	-.0331		-.0359	-.0180		-.0199	-.0025	-.0121	-.0011
.9500	.0133	.0125		.0309	.0330		.0388	.0426	.0448	.0433

X/C	CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5			STATION 6			STATION 7		STATION 8	
.0125										
.0250	-.4490	.1963		-.4842	.2179		-.4888	.2257		
.0500	-.4504	.1615		-.4618	.1826		-.4893	.1959	-.4252	.2257
.1000	-.5062	.1212		-.4463	.1331		-.5039	.1615	-.4161	.1537
.1500	-.4540	.0850		-.4549	.0992		-.4998	.1098	******	.1043
.2250	-.1915	.0406		-.4687	.0438		-.5062	.0736	-.4001	.0525
.3000	-.1617	.0057		-.4124	******		-.4879	.0360	-.3818	.0094
.4500	-.1823	-.0337		-.1933	-.0167		-.3301	-.0002	-.3795	******
.6000	-.1627	-.0492		-.1348	-.0382		-.1133	-.0401	-.3189	-.0511
.7500	-.1064	-.0483		-.0846	-.0414		-.0396	-.0405	-.2189	-.0387
.9000	.0016	.0067		.0090	.0154		.0319	.0177	-.0941	-.0144
.9500	.0462	.0424		.0503	.0557					

TABLE VI.- TEST DATA

(a) Continued

CONFIG	MACH	ALPHA
4	.70	8.44

	CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1			STATION 2			STATION 3			STATION 4	
.0125	-.4824	.3109		-.4997	.2481		-.5569	.2248		-.6433	.2030
.0250	-.5354	.2749		-.5153	.2430		-.5742	.2330		-.6510	.2326
.0500	-.5285	.2335		-.5500	.2125		-.6003	.2198		-.6684	.2280
.1000	-.1762	.1907		-.5637	.1779		-.7182	.1815		-.7301	.1934
.1500	-.1250	.1633		-.1469	.1474		-.7159	.1551		-.8873	.1697
.2250	-.1561	.1223		-.1666	.1182		-.1661	.1223		-.8439	.1273
.3000	-.1762	.0954		-.2095	.0868		-.1958	.0932		-.3243	.0995
.4500	*******	.0408		-.2530	.0335		-.2580	.0326		-.2004	.0440
.6000	-.2328	-.0039		-.2539	-.0052		-.2420	-.0185		-.1995	.0107
.7500	-.2063	-.0258		-.1885	-.0313		-.1693	-.0207		-.1437	-.0075
.9000	-.0692	-.0198		-.0427	-.0062		-.0340	.0039		-.0171	.0166
.9500	-.0002	.0052		.0234	.0239		.0323	.0408		.0420	.0461

X/C	STATION 5			STATION 6			STATION 7			STATION 8	
.0125											
.0250	-.7013	.2256		-.6857	.2325		-.5943	.2375		-.4493	.2600
.0500	-.7008	.2357		-.6908	.2481		-.5966	.2490		-.4425	.2238
.1000	-.7402	.2123		-.7018	.2192		-.6135	.2439		*******	.1867
.1500	-.8165	.1835		-.7146	.1972		-.6126	.2050			
.2250	-.9784	.1400		-.7598	.1253		-.6249	.1679		-.4077	.1377
.3000	-1.0173	.1116		-.9158	*******		-.6327	.1303		-.3716	.0877
.4500	-.3620	.0525		-.9707	.0690		-.7850	.0836		-.3368	*******
.6000	-.1091	.0195		-.5545	.0296		-.8545	.0254		-.2678	-.0396
.7500	-.0922	.0002		-.1169	.0067		-.7553	-.0098		-.2503	-.0882
.9000	.0030	.0277		.0443	.0369		-.4027	-.0208		-.3833	-.1885
.9500	.0526	.0566		.0792	.0703						

TABLE VI.- TEST DATA

(a) Continued

| | CONFIG 4 | | | MACH .79 | | | ALPHA 12.67 | |

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.8132	.3248	-.8137	.2387	-.8424	.1909	-.8730	.1399
.0250	-.9196	.3301	-.8287	.2728	-.8630	.2469	-.9136	.2282
.0500	-1.0100	.2915	-.8735	.2742	-.8945	.2755	-.9383	.2669
.1000	-.4101	.2751	-1.0729	.2551	-1.0259	.2573	-.9766	.2637
.1500	-.2033	.2514	-.8310	.2332	-1.2670	.2396	-1.1241	.2560
.2250	-.2444	.2155	-.2015	.2073	-.9520	.2100	-1.3742	.2173
.3000	-.2695	.1909	-.2686	.1773	-.3494	.1832	-1.2199	.1891
.4500	*******	.1322	-.3412	.1158	-.3111	.1226	-.4124	.1299
.6000	-.3184	.0826	-.3344	.0680	-.3001	.0462	-.2467	.0762
.7500	-.2882	.0407	-.2494	.0284	-.2148	.0316	-.1833	.0353
.9000	-.1203	.0189	-.0792	.0198	-.0678	.0212	-.0536	.0230
.9500	-.0404	.0294	-.0011	.0280	.0035	.0353	.0081	.0355

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.8896	.2020	-.8119	.1906	-.6712	.1956		
.0500	-.8909	.2556	-.8457	.2524	-.6731	.2437	-.4392	.2487
.1000	-.9658	.2675	-.8603	.2656	-.6913	.2752	-.4301	.2432
.1500	-.9750	.2519	-.8718	.2551	-.6790	.2524	*******	.2167
.2250	-1.1878	.2196	-.8695	.1760	-.6881	.2240	-.3912	.1778
.3000	-1.2993	.1929	-.8603	*******	-.6790	.1897	-.3474	.1261
.4500	-1.1700	.1284	-1.1065	.1357	-.5991	.1352	-.3077	*******
.6000	-.5360	.0803	-1.1851	.0767	-.5379	.0465	-.2561	-.0560
.7500	-.2104	.0314	-.7498	.0199	-.6795	-.0391	-.2149	-.1315
.9000	-.0592	.0213	-.3524	-.0263	-.7484	-.1672	-.2442	-.2312
.9500	-.0103	.0231	-.2469	-.0537				

TABLE VI.- TEST DATA

(a) Continued

| | CONFIG 4 | | | | MACH .70 | | | | | | ALPHA 16.94 | |

	CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE			CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1			STATION 2				STATION 3			STATION 4	
.0125	-1.1830	.3292		-1.1657	.1834			-1.1287	.1191		-1.1008	.0512
.0250	-1.3759	.3588		-1.1830	.2713			-1.1478	.2235		-1.1241	.1920
.0500	-1.3787	.3488		-1.2324	.3087			-1.1753	.2932		-1.1396	.2759
.1000	-1.0263	.3465		-1.3133	.3169			-1.2082	.3105		-1.1698	.3096
.1500	-.3809	.3255		-1.5144	.3050			-1.3064	.3050		-1.1853	.3064
.2250	-.3695	.3009		-.6684	.2918			-1.6177	.2868		-1.2758	.2818
.3000	-.3814	.2745		-.4280	.2576			-1.0656	.2572		-1.6733	.2617
.4500	*******	.2144		-.4385	.2016			-.5007	.1961		-1.0651	.1984
.6000	-.4143	.1538		-.4166	.1410			-.3946	.1059		-.5606	.1351
.7500	-.3732	.0991		-.3115	.0813			-.2822	.0758		-.3654	.0631
.9000	-.1812	.0458		-.1204	.0353			-.1108	.0189		-.1707	-.0062
.9500	-.0788	.0467		-.0519	.0271			-.0647	.0043		-.1215	-.0337

X/C	STATION 5			STATION 6				STATION 7			STATION 8	
.0125												
.0250	-1.0562	.1514		-.9195	.1294			-.6831	.1445			
.0500	-1.0580	.2426		-.9272	.2339			-.6771	.2206		-.3885	.2252
.1000	-1.1161	.2911		-.9282	.2806			-.6725	.2778		-.3783	.2426
.1500	-1.1344	.2907		-.9410	.2861			-.6433	.2719		*******	.2265
.2250	-1.0919	.2760		-.9387	.2050			-.6268	.2545		-.3350	.1899
.3000	-1.0800	.2462		-.8655	*******			-.6094	.2224		-.2984	.1418
.4500	-1.5057	.1821		-.7640	.1757			-.4919	.1655		-.2765	*******
.6000	-1.1637	.1180		-.8074	.0969			-.4114	.0493		-.2417	-.0570
.7500	-.6840	.0410		-.9236	.0030			-.3428	-.0726		-.2225	-.1276
.9000	-.3885	-.0520		-.7489	-.1381			-.4196	-.2393		-.2376	-.1986
.9500	-.3158	-.0946		-.6780	-.2320							

TABLE VI.- TEST DATA

(a) Continued

CONFIG 5   MACH .70   ALPHA -.00

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1551	.0807	.1176	.0690	.1039	.0593	.0902	.0588
.0250	.1364	.0658	.0934	.0491	.0729	.0351	.0532	.0170
.0500	.0907	.0556	.0628	.0351	.0399	.0161	.0221	.0059
.1000	.0450	.0347	.0180	.0040	-.0085	-.0150	-.0163	-.0210
.1500	.0166	.0007	-.0153	-.0192	-.0355	-.0444	-.0373	-.0572
.2250	-.0195	-.0201	-.0497	-.0517	-.0680	-.0755	-.0772	-.0788
.3000	-.0525	-.0407	-.0736	-.0751	-.0974	-.0985	-.0988	-.1030
.4500	-.0969	*******	-.1167	-.1122	-.1290	-.1241	-.1199	-.1228
.6000	-.1208	-.1173	-.1304	-.1296	-.1212	-.1292	-.1245	-.1273
.7500	-.1167	-.1182	-.1125	-.1076	-.1020	-.1017	-.0928	-.0966
.9000	-.0447	-.0380	-.0245	-.0210	-.0117	-.0113	-.0062	-.0020
.9500	.0189	.0203	.0372	.0361	.0473	.0444	.0508	.0449

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.0517	.0136	.0521	.0228	.0370	.0260		
.0500	.0195	-.0173	.0140	-.0177	.0154	-.0030	.0416	-.0012
.1000	-.0209	-.0352	-.0273	-.0480	-.0122	-.0521	-.0172	-.0388
.1500	-.0443	-.0664	-.0453	-.0668	-.0453	-.0540	-.0512	*******
.2250	-.0756	-.0898	-.0659	-.0861	-.0705	-.0838	-.0719	-.0769
.3000	-.0976	-.1090	*******	-.1063	-.0889	-.1026	-.0907	-.0907
.4500	-.1160	-.1260	-.1077	-.1214	-.0967	-.1122	*******	-.0975
.6000	-.1086	-.1219	-.1036	-.1131	-.0994	-.1058	-.0756	-.0838
.7500	-.0838	-.0907	-.0806	-.0783	-.0719	-.0714	-.0430	-.0361
.9000	.0062	.0007	.0085	.0062	.0126	.0117	.0282	.0334
.9500	.0517	.0527	.0554	.0486				

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TABLE VI.- TEST DATA

(a) Continued

CONFIG 5   MACH .70   ALPHA 4.21

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.0440	.1922	-.2097	.2117	-.2746	.2149	-.3263	.2344
.0250	.0335	.1621	-.0253	.1676	-.2106	.1686	-.3158	.1644
.0500	.0071	.1380	-.0162	.1315	-.0619	.1217	-.1191	.1199
.1000	-.0258	.1037	-.0656	.0796	-.1008	.0633	-.1305	.0731
.1500	-.0550	.0670	-.0953	.0457	-.1200	.0258	-.1474	.0175
.2250	-.0866	.0332	-.1191	.0068	-.1470	-.0154	-.1895	-.0177
.3000	-.1154	.0068	-.1474	-.0250	-.1735	-.0424	-.2087	-.0420
.4500	-.1511	******	-.1804	-.0685	-.2046	-.0758	-.2229	-.0607
.6000	-.1731	-.0730	-.1850	-.0872	-.1758	-.0836	-.1973	-.0726
.7500	-.1534	-.0826	-.1529	-.0767	-.1424	-.0689	-.1365	-.0593
.9000	-.0546	-.0218	-.0322	-.0053	-.0198	.0012	-.0130	.0119
.9500	.0171	.0207	.0371	.0392	.0449	.0476	.0493	.0499
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.5527	.2349	-.7066	.2937	-.6278	.2684		
.0500	-.3552	.1757	-.7236	.2331	-.6370	.2349	-.5005	.2248
.1000	-.2123	.1141	-.7474	.1688	-.6319	.1715	-.4867	.1693
.1500	-.2302	.0618	-.5912	.1385	-.6503	.1380	-.4748	******
.2250	-.2439	.0113	-.3337	.0912	-.6581	.0893	-.4592	.0664
.3000	-.2494	-.0319	******	.0443	-.5916	.0480	-.4414	.0122
.4500	-.2297	-.0698	-.2045	-.0048	-.3259	.0012	******	-.0323
.6000	-.1908	-.0918	-.1770	-.0378	-.0900	-.0319	-.3864	-.0497
.7500	-.1248	-.0822	-.1157	-.0364	-.0644	-.0328	-.2943	-.0264
.9000	-.0048	-.0199	-.0020	.0113	.0131	.0264	-.1569	-.0007
.9500	.0465	.0186	.0562	.0512				

TABLE VI. - TEST DATA

(a) Continued

	CONFIG 5			MACH .70					ALPHA 8.38	

	CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1			STATION 2			STATION 3			STATION 4	
.0125	-.0248	.2219		-.2599	.2159		-.1430	.1400		-.4257	.0373
.0250	-.0303	.1803		-.1924	.1706		-.0316	.0799		-.3691	-.0177
.0500	-.0540	.1595		-.0709	.1280		-.0636	.0165		-.3942	-.0103
.1000	-.0736	.1155		-.0905	.0702		-.1152	-.0355		-.4408	-.0145
.1500	-.0905	.0780		-.1184	.0341		-.1663	-.0491		-.4421	-.0140
.2250	-.1166	.0452		-.1522	-.0094		-.2517	-.0250		-.4271	.0077
.3000	-.1362	.0239		-.1914	-.0199		-.3143	-.0015		-.4038	.0123
.4500	-.1937	******		-.2677	-.0204		-.3316	.0216		-.3417	-.0011
.6000	-.2307	-.0263		-.2663	-.0218		-.2536	.0031		-.2641	-.0195
.7500	-.1988	-.0323		-.2029	-.0145		-.1851	-.0117		-.1677	-.0195
.9000	-.0755	.0059		-.0494	.0188		-.0371	.0119		-.0472	.0054
.9500	.0112	.0318		.0253	.0507		.0212	.0299		.0090	.0227

X/C	STATION 5			STATION 6			STATION 7			STATION 8	
.0125											
.0250	-1.1951	.3309		-.9952	.2978		-.7881	.2643			
.0500	-1.2609	.3212		-1.0140	.3037		-.7954	.2877		-.5087	.2716
.1000	-1.3798	.3014		-1.0391	.2804		-.7913	.2510		-.5027	.2428
.1500	-1.4219	.2583		-1.0515	.2533		-.8082	.2405		-.4954	******
.2250	-.8837	.2061		-.9422	.2120		-.7995	.1955		-.4726	.1538
.3000	-.4314	.1603		******	.1653		-.7968	.1570		-.4502	.0901
.4500	-.2663	.0997		-.9852	.1030		-.8745	.0901		******	.0168
.6000	-.2028	.0479		-.4117	.0484		-.8754	.0333		-.3212	-.0432
.7500	-.1191	.0209		-.0624	.0186		-.7044	-.0048		-.3249	-.0921
.9000	-.0061	.0259		.0364	.0292		-.4300	-.0354		-.3775	-.1857
.9500	.0327	.0420		.0726	.0576						

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TABLE VI.- TEST DATA

(a) Continued

	CONFIG			MACH			ALPHA
	5			.70			12.55

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.0135	.1359	.0719	-.0159	-.0878	-.2702	-1.3020	.0727
.0250	-.0259	.0918	.0409	-.0305	-.1644	-.2207	-1.3282	.1587
.0500	-.0428	.0769	-.0058	-.0397	-.2859	-.1396	-1.3791	.2256
.1000	-.0717	.0597	-.0763	-.0512	-.4280	-.0255	-1.4424	.2428
.1500	-.0947	.0463	-.1556	-.0388	-.5147	.0472	-1.3662	.2516
.2250	-.1304	.0430	-.2620	-.0090	-.5569	.1252	-1.1558	.2372
.3000	-.1910	.0407	-.3592	.0504	-.5422	.1578	-.8990	.2084
.4500	-.3070	#######	-.4079	.0997	-.4496	.1350	-.5794	.1536
.6000	-.3345	.0607	-.3528	.0867	-.3015	.0923	-.3744	.1020
.7500	-.2625	.0477	-.2396	.0597	-.2139	.0500	-.2276	.0686
.9000	-.0910	.0444	-.0566	.0477	-.0671	.0342	-.0896	.0346
.9500	-.0003	.0523	.0162	.0556	.0002	.0458	-.0494	.0173

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-1.1308	.2566	-.9035	.2433	-.6234	.2364		
.0500	-1.1455	.2939	-.8994	.2921	-.6234	.2861		
.1000	-1.1492	.3271	-.9049	.3036	-.6027	.2750	-.3483	.2608
.1500	-1.1630	.3059	-.9086	.2939	-.5981	.2815	-.3479	.2552
.2250	-1.2612	.2723	-.7713	.2663	-.5954	.2424	-.3396	#######
.3000	-1.3034	.2345	#######	.2253	-.5688	.2055	-.3355	.1733
.4500	-1.2291	.1641	-.9017	.1512	-.5178	.1236	-.3263	.1079
.6000	-.7589	.0997	-.9834	.0780	-.4328	.0306	#######	.0237
.7500	-.4034	.0449	-.8199	.0048	-.4448	-.0622	-.2744	-.0645
.9000	-.2041	-.0104	-.5706	-.1054	-.5100	-.2131	-.2519	-.1182
.9500	-.1440	-.0388	-.5095	-.1861			-.2409	-.1746

TABLE VI.- TEST DATA

(a) Continued

CONFIG 5   MACH .70   ALPHA 16.68

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.0623	-.5734	-.1993	-.1794	-1.2158	-.0339	-1.2021	.0550
.0250	.0235	-.4736	-.2593	-.1478	-1.2488	.1056	-1.2103	.1789
.0500	-.0212	-.2343	-.3033	-.1012	-1.2941	.2313	-1.2204	.2861
.1000	-.0977	-.1547	-.4168	.0198	-1.3198	.2981	-1.2708	.3070
.1500	-.1842	-.0490	-.5130	.1348	-1.2799	.3176	-1.2850	.3366
.2250	-.2859	.0768	-.5665	.2067	-1.1586	.3000	-1.3711	.3098
.3000	-.3889	.1826	-.5890	.2434	-1.0405	.2796	-1.4049	.2800
.4500	-.4704	******	-.5386	.2142	-.7900	.2081	-1.2950	.2063
.6000	-.4402	.2012	-.4415	.1701	-.5001	.1404	-.9727	.1390
.7500	-.3403	.1256	-.3092	.1056	-.3573	.0973	-.6224	.0903
.9000	-.1467	.0629	-.1201	.0485	-.1673	.0314	-.3628	-.0293
.9500	-.0473	.0425	-.0432	.0304	-.1032	.0124	-.2887	-.0695
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-1.0929	.2108	-.8096	.2223	-.5303	.2066		
.0500	-1.0888	.2843	-.8173	.2701	-.5207	.2816	-.3111	.2351
.1000	-1.0828	.3376	-.8004	.3216	-.5110	.2839	-.3102	.2577
.1500	-1.0705	.3367	-.7875	.3183	-.5143	.2908	-.3079	******
.2250	-1.0590	.3059	-.6715	.2931	-.4996	.2696	-.3226	.1892
.3000	-1.0425	.2765	******	.2586	-.5110	.2167	-.3235	.1193
.4500	-1.0971	.2062	-.6624	.1846	-.4794	.1437	******	.0425
.6000	-1.1383	.1234	-.6060	.0917	-.4239	.0287	-.2937	-.0580
.7500	-.9659	.0370	-.6532	-.0140	-.3794	-.0869	-.2786	-.1253
.9000	-.6908	-.0956	-.6935	-.1927	-.4051	-.2375	-.2634	-.1757
.9500	-.5950	-.1922	-.7078	-.3223				

TABLE VI.- TEST DATA

(a) Continued

CONFIG 6   MACH .70   ALPHA .00

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1395	.0583	.1107	.0569	.1029	.0304	.0892	.0304
.0250	.1066	.0467	.0815	.0318	.0755	.0156	.0591	-.0058
.0500	.0664	.0374	.0518	.0207	.0367	-.0021	.0312	-.0164
.1000	.0344	.0063	.0162	-.0123	-.0094	-.0283	-.0144	-.0407
.1500	.0057	-.0215	-.0204	-.0343	-.0428	-.0489	-.0355	-.0627
.2250	-.0277	-.0393	-.0492	-.0682	-.0689	-.0801	-.0781	-.0911
.3000	-.0497	-.0535	-.0822	-.0888	-.0941	-.1071	-.0960	-.1108
.4500	-.0992	******	-.1207	-.1277	-.1257	-.1259	-.1221	-.1323
.6000	-.1271	-.1291	-.1331	-.1382	-.1198	-.1350	-.1257	-.1305
.7500	-.1147	-.1185	-.1175	-.1126	-.1051	-.1062	-.0941	-.0970
.9000	-.0428	-.0384	-.0268	-.0237	-.0126	-.0095	-.0058	-.0021
.9500	.0171	.0170	.0344	.0383	.0481	.0467	.0489	.0462

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.0489	.0145	.0498	.0108	.0425	.0186	.0466	-.0117
.0500	.0131	.0025	.0144	-.0260	.0117	-.0150	-.0195	-.0379
.1000	-.0182	-.0480	-.0278	-.0494	-.0076	-.0567	-.0539	******
.1500	-.0494	-.0750	-.0448	-.0723	-.0484	-.0599		
.2250	-.0760	-.0979	-.0700	-.0869	-.0654	-.0869	-.0764	-.0796
.3000	-.0966	-.1112	******	-.1121	-.0943	-.1039	-.0902	-.0938
.4500	-.1164	-.1328	-.1113	-.1264	-.0998	-.1126	******	-.0993
.6000	-.1145	-.1268	-.1063	-.1218	-.1021	-.1071	-.0755	-.0860
.7500	-.0847	-.0892	-.0824	-.0814	-.0691	-.0686	-.0448	-.0365
.9000	.0007	.0021	.0076	.0034	.0122	.0108	.0241	.0297
.9500	.0507	.0504	.0581	.0485				

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TABLE VI.- TEST DATA

(a) Continued

CONFIG	MACH	ALPHA
6	.70	4.10

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.4058	.2784	-.4237	.2705	-.4516	.2580	-.4782	.2566
.0250	-.3939	.2348	-.4324	.2394	-.4590	.2287	-.4736	.2241
.0500	-.2248	.2027	-.4782	.2023	-.4681	.1888	-.4782	.1837
.1000	-.0809	.1637	-.3311	.1442	-.4901	.1377	-.4938	.1419
.1500	-.1149	.1191	-.0882	.1108	-.4397	.0964	-.4773	.0922
.2250	-.1450	.0839	-.1473	.0625	-.1798	.0537	-.3980	.0509
.3000	-.1592	.0541	-.1840	.0337	-.1611	.0184	-.2628	.0174
.4500	-.1899	******	-.2115	-.0297	-.2083	-.0324	-.1931	-.0283
.6000	-.1982	-.0480	-.2023	-.0645	-.1798	-.0608	-.1794	-.0498
.7500	-.1634	-.0654	-.1579	-.0618	-.1377	-.0549	-.1271	-.0444
.9000	-.0566	-.0237	-.0281	-.0025	-.0195	-.0068	-.0172	.0128
.9500	.0194	.0179	.0399	.0407	.0459	.0500	.0452	.0559

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.4826	.2280	-.4900	.2408	-.4689	.2431		
.0500	-.4872	.2086	-.4927	.1967	-.4725	.2123		
.1000	-.4996	.1387	-.4927	.1447	-.4689	.1497	-.3835	.2123
.1500	-.5157	.0596	-.4936	.1111	-.4675	.1208	-.3743	.1576
.2250	-.5148	.0600	-.4303	.0757	-.4661	.0743	-.3642	******
.3000	-.4321	.0232	******	.0343	-.4721	.0393	-.3408	.0633
.4500	-.1875	-.0237	-.3651	-.0104	-.4565	-.0058	-.3165	.0149
.6000	-.1453	-.0466	-.1577	-.0374	-.3509	-.0310	******	-.0365
.7500	-.1067	-.0356	-.0820	-.0315	-.1614	-.0287	-.2674	-.0530
.9000	-.0053	.0191	.0117	.0232	-.0048	.0145	-.2766	-.0420
.9500	-.0484	.0610	.0567	.0619			-.2412	-.0567

TABLE VI.- TEST DATA

(a) Continued

CONFIG 6   MACH .70   ALPHA 8.18

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.8744	.3642	-.8272	.3178	-.7997	.2783	-.7686	.2482
.0250	-.9143	.3545	-.8277	.3183	-.7997	.2978	-.7800	.2691
.0500	-.9848	.3289	-.8602	.3108	-.8093	.2862	-.7846	.2770
.1000	-.7603	.2876	-1.0604	.2640	-.8648	.2458	-.8107	.2435
.1500	-.1431	.2491	-1.1429	.2301	-1.0215	.2134	-.8364	.2059
.2250	-.2210	.1966	-.4849	.1739	-1.0980	.1679	-.9734	.1609
.3000	-.2540	.1637	-.1509	.1405	-.9193	.1293	-1.0123	.1228
.4500	-.2701	*******	-.2540	.0667	-.1464	.0643	-.8180	.0657
.6000	-.2623	.0369	-.2517	.0170	-.1615	.0216	-.2187	.0281
.7500	-.2068	-.0062	-.1913	-.0086	-.1399	.0021	-.0437	.0184
.9000	-.0648	.0123	-.0368	.0198	-.0172	.0374	.0226	.0546
.9500	-.0153	.0286	.0440	.0537	.0559	.0764	.0769	.0927
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.7541	.2698	-.6931	.2721	-.5770	.2652		
.0500	-.7504	.2702	-.6913	.2665	-.5779	.2748	-.3526	.2610
.1000	-.7564	.2431	-.6890	.2412	-.5623	.2362	-.3338	.2307
.1500	-.7670	.2100	-.6862	.2178	-.5568	.2238	-.3164	*******
.2250	-.7049	.1722	-.5880	.1860	-.5398	.1791	-.2898	.1350
.3000	-.8697	.1331	*******	.1419	-.5233	.1423	-.2691	.0701
.4500	-.9108	.0780	-.7839	.0826	-.4930	.0752	*******	-.0025
.6000	-.8032	.0366	-.8216	.0356	-.4761	.0136	-.2141	-.0686
.7500	-.3866	.0186	-.7830	.0103	-.5632	-.0581	-.1829	-.1149
.9000	.0388	.0614	-.5330	-.0071	-.5802	-.1823	-.1709	-.1694
.9500	.0888	.0936	-.3907	-.0457				

TABLE VI.- TEST DATA

(a) Continued

CONFIG 6   MACH .70   ALPHA 12.31

X/C	CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1			STATION 2			STATION 3			STATION 4	
.0125	-1.3376	.4102		-1.2194	.3057		-1.1420	.2375		-1.0655	.1883
.0250	-1.3468	.4278		-1.2217	.3498		-1.1383	.3062		-1.0623	.2653
.0500	-1.4627	.4339		-1.2336	.3791		-1.1379	.3341		-1.0618	.3081
.1000	-1.4934	.4014		-1.3170	.3559		-1.1626	.3313		-1.0742	.3053
.1500	-1.0302	.3596		-1.3477	.3243		-1.1869	.3034		-1.0788	.2900
.2250	-.3722	.3150		-1.5324	.2705		-1.2666	.2621		-1.1030	.2500
.3000	-.3296	.2695		-1.0265	.2384		-1.5278	.2217		-1.1750	.2175
.4500	-.3534	*******		-.2852	.1618		-1.0384	.1516		-1.4632	.1479
.6000	-.3255	.1126		-.2481	.0982		-.2279	.0908		-1.0549	.0903
.7500	-.2334	.0532		-.1830	.0537		-.1060	.0513		-.3530	.0629
.9000	-.0675	.0356		-.0323	.0416		.0057	.0541		-.0085	.0597
.9500	.0066	.0388		.0468	.0667		.0678	.0815		.0425	.0798

X/C	CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5			STATION 6			STATION 7			STATION 8	
.0125											
.0250	-.9601	.2504		-.8055	.2491		-.5903	.2408		-.3320	.2546
.0500	-.9611	.2629		-.7991	.2813		-.5871	.2822		-.3256	.2435
.1000	-.9510	.3043		-.7917	.2886		-.5692	.2629		-.3164	*******
.1500	-.9583	.2803		-.7830	.2822		-.5573	.2642		-.3022	.1626
.2250	-.9698	.2504		-.6715	.2532		-.5311	.2339		-.2907	.0927
.3000	-.9592	.2118		*******	.2067		-.5100	.1934		*******	.0021
.4500	-1.1079	.1511		-.6963	.1405		-.4706	.1111		-.2769	-.0823
.6000	-1.3254	.0844		-.6293	.0706		-.3958	.0200		-.2801	-.1373
.7500	-1.0684	.0421		-.8216	-.0016		-.3444	-.0911		-.2847	-.1983
.9000	-.5169	.0099		-.8229	-.1373		-.4550	-.2579			
.9500	-.3205	-.0163		-.8050	-.2611						

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TABLE VI.- TEST DATA

(a) Continued

	CONFIG 6				MACH .70			ALPHA 16.42

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-1.7063	.4305	-1.5413	.2733	-1.4011	.1916	-1.2283	.1219
.0250	-1.7164	.4896	-1.5335	.3629	-1.4029	.2900	-1.2329	.2338
.0500	-1.8575	.5189	-1.5308	.4246	-1.3818	.3620	-1.2132	.3211
.1000	-1.8726	.4975	-1.6742	.4195	-1.3919	.3801	-1.1797	.3466
.1500	-1.8025	.4646	-1.5839	.3968	-1.4639	.3722	-1.1573	.3522
.2250	-.8434	.4121	-1.6742	.3573	-1.4134	.3360	-1.1733	.3202
.3000	-.5707	.3624	-1.7351	.3267	-1.3695	.2983	-1.0198	.2807
.4500	-.4323	******	-.6601	.2394	-1.6531	.2166	-.8228	.2027
.6000	-.3475	.1841	-.2912	.1600	-.6252	.1423	-.9749	.1182
.7500	-.2362	.0964	-.1835	.0806	-.4314	.0629	-.8260	.0523
.9000	-.1363	.0267	-.1587	.0137	-.3567	-.0159	-.5835	-.0787
.9500	-.0813	-.0039	-.0882	-.0025	-.2582	-.0480	-.5051	-.1520
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.9084	.2381	-.6790	.2266	-.5693	.1971		
.0500	-.8891	.2739	-.6790	.2781	-.5642	.2615	-.3793	.2302
.1000	-.8437	.3360	-.6625	.3043	-.5459	.2661	-.3789	.2381
.1500	-.8125	.3213	-.6574	.3038	-.5386	.2730	-.3752	******
.2250	-.7630	.2983	-.5656	.2827	-.5234	.2445	-.3678	.1681
.3000	-.7451	.2569	******	.2385	-.5037	.2013	-.3623	.1023
.4500	-.7230	.1773	-.6491	.1534	-.4849	.1143	******	.0117
.6000	-.8079	.0931	-.5904	.0577	-.4408	.0103	-.3256	-.0727
.7500	-.7354	-.0053	-.5271	-.0558	-.4018	-.0979	-.3022	-.1200
.9000	-.6363	-.1571	-.5138	-.2125	-.3811	-.2144	-.2751	-.1745
.9500	-.5977	-.2643	-.5073	-.3120				

TABLE VI.- TEST DATA

(a) Continued

	CONFIG 7		MACH .70		ALPHA .00	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	.1113	.0696	.0732	.0673	.0565	.0614
.0500	.0481	.0504	.0439	.0267	.0393	.0061
.1000	******	.0025	-.0169	-.0154	-.0142	-.0268
.1500	-.0211	-.0268	-.0372	-.0492	-.0519	-.0648
.2250	-.0638	-.0744	-.0775	-.0900	-.0899	-.0904
.3000	-.0894	-.1102	-.0954	-.1171	-.1128	-.1299
.4500	-.1367	-.1418	-.1481	-.1409	-.1500	-.1620
.6000	-.1477	-.1519	-.1390	-.1611	-.1500	-.1638
.7500	-.1293	-.1290	-.1266	-.1340	-.1252	-.1359
.9000	-.0321	-.0323	-.0266	-.0254	-.0216	-.0208
.9500	.0365	.0294	.0407	.0454	.0430	.0468
.9750	.0783	.0819	.0788	.0870	.0839	.0856

X/C	STATION 4		STATION 5		STATION 6	
.0250	.0593	.0413	******	.0112		
.0500	.0230	.0152	.0090	.0007	.0186	-.0072
.1000	-.0298	-.0387	-.0306	-.0467	-.0417	-.0462
.1500	-.0551	-.0845	-.0808	-.0889	-.0776	-.1225
.2250	-.0968	-.0960	-.1060	-.1069	-.1046	-.1115
.3000	-.1220	-.1382	-.1262	-.1422	-.1303	-.1436
.4500	-.1614	-.1597	-.1620	-.1638	-.1634	-.1501
.6000	-.1559	-.1648	-.1586	-.1579	******	-.1602
.7500	-.1170	-.1276	-.1207	-.1165	-.1129	-.1142
.9000	-.0174	-.0186	-.0131	-.0150	-.0118	-.0154
.9500	.0463	.0477	.0490	.0466	.0458	.0494
.9750						

X/C	STATION 7		STATION 8		STATION 9	
.0250						
.0500	.0103	-.0333	.0030	-.0503		
.1000	-.0417	-.0467	-.0486	-.0733	-.0550	-.0876
.1500	-.0730	-.0977	-.0707	-.1032	-.0886	-.0853
.2250	-.1088	-.1110	-.1010	-.1317	-.1042	-.1275
.3000	-.1280	-.1478	-.1312	-.1400	-.1345	-.1386
.4500	-.1624	******	-.1533	-.1491	-.1317	-.1335
.6000	-.1464	-.1537	-.1381	-.1390	-.1056	-.1165
.7500	-.1101	-.1193	-.1046	-.1041	-.0753	-.0756
.9000	-.0099	-.0099	-.0072	-.0058	-.0090	-.0113
.9500						
.9750						

TABLE VI.- TEST DATA

(a) Continued

	CONFIG 7		MACH .70		ALPHA 8.37	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-1.1312	.4597	-1.0450	.4345	-.9740	.4236
.0500	-1.1253	.4076	-1.0721	.3971	-.9905	.3902
.1000	******	.3400	-1.2169	.3240	-1.0175	.3231
.1500	-.9740	.2861	-1.3531	.2751	-1.1358	.2578
.2250	-.1733	.2162	-1.0244	.2039	-1.2353	.1979
.3000	-.2704	.1600	-.1650	.1959	-1.0657	.1450
.4500	-.3057	.0751	-.2420	.0678	-.1114	.0600
.6000	-.2695	.0034	-.2232	.0075	-.1586	-.0026
.7500	-.1?3	-.0286	-.1733	-.0263	-.1320	-.0327
.9000	-.0564	.0020	-.0518	.0089	-.0380	.0093
.9500	.0226	.0335	.0244	.0554	.0221	.0586
.9750	.0755	.0824	.0737	.0988	.0732	.0952

	STATION 4		STATION 5		STATION 6	
	CP UPPER	CP LOWER	CP UPPER	CP LOWER	CP UPPER	CP LOWER
.0250	-.9350	.4163	******	.4044		
.0500	-.9314	.3843	-.8218	.3695	-.7833	.3723
.1000	-.9465	.3158	-.8484	.3148	-.7773	.3043
.1500	-.9800	.2601	-.8952	.2482	-.7695	.2469
.2250	-1.0932	.2043	-.9319	.1959	-.7466	.1973
.3000	-1.1152	.1463	-.9823	.1389	-.7512	.1366
.4500	-.8686	.0632	-.9818	.0517	-.7620	.0457
.6000	-.0674	-.0035	-.7429	-.0159	******	-.0214
.7500	-.0316	-.0300	-.1628	-.0476	-.5136	-.0673
.9000	-.0197	-.0003	-.0656	-.0384	-.3683	-.1018
.9500	.0337	.0509	-.0325	-.0241	-.3508	-.1362
.9750						

	STATION 7		STATION 8		STATION 9	
	CP UPPER	CP LOWER	CP UPPER	CP LOWER	CP UPPER	CP LOWER
.0250						
.0500	-.6141	.3635	-.4540	.3479		
.1000	-.6017	.3043	-.4393	.2836	-.3210	.2303
.1500	-.5645	.2510	-.4091	.2317	-.3087	.1738
.2250	-.5691	.0962	-.4059	.1573	-.3004	.0939
.3000	-.5182	.1279	-.3719	.1054	-.2857	.0319
.4500	-.4595	******	-.3504	.0089	-.2669	-.0568
.6000	-.4678	-.0365	-.3380	-.0742	-.2532	-.1073
.7500	-.4316	-.1087	-.3357	-.1427	-.2408	-.1454
.9000	-.3935	-.1789	-.3316	-.1936	-.2293	-.1638
.9500						
.9750						

TABLE VI.- TEST DATA

(a) Continued

CONFIG 7   MACH .70   ALPHA 12.51

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE	CP UPPER SURFACE STATION 2	CP LOWER SURFACE	CP UPPER SURFACE STATION 3	CP LOWER SURFACE
.0250	-1.6233	.5311	-1.4614	.4900	-1.2844	.4639
.0500	-1.7663	.5060	-1.4160	.4740	-1.2638	.4603
.1000	******	.4420	-1.5586	.4214	-1.2120	.4123
.1500	-1.7255	.3803	-1.5270	.3753	-1.2069	.3575
.2250	-.8823	.3255	-1.4073	.3095	-1.1643	.3008
.3000	-.3504	.2569	-1.3560	.2487	-1.1244	.2355
.4500	-.2931	.1546	-.4297	.1464	-.9336	.1327
.6000	-.3197	.0655	-.3367	.0591	-.6750	.0468
.7500	-.2890	.0011	-.2986	-.0085	-.4499	-.0250
.9000	-.1519	-.0236	-.1794	-.0341	-.2894	-.0565
.9500	-.0547	-.0067	-.0895	-.0094	-.2064	-.0469
.9750	.0026	.0312	-.0262	.0226	-.1363	-.0460

X/C	CP UPPER SURFACE STATION 4	CP LOWER SURFACE	CP UPPER SURFACE STATION 5	CP LOWER SURFACE	CP UPPER SURFACE STATION 6	CP LOWER SURFACE
.0250	-1.0396	.4456	******	.4303		
.0500	-1.0116	.4424	-.7758	.4257	-.6951	.4119
.1000	-.9809	.4018	-.7836	.3857	-.6689	.3719
.1500	-.9364	.3529	-.7955	.3301	-.6538	.3246
.2250	-.9034	.2862	-.7524	.2782	-.6386	.2598
.3000	-.8653	.2286	-.7359	.2157	-.6166	.2061
.4500	-.8539	.1267	-.7120	.1169	-.5758	.0985
.6000	-.7236	.0349	-.6547	.0227	******	.0034
.7500	-.5948	-.0378	-.5799	-.0600	-.5217	-.0917
.9000	-.4655	-.1015	-.5056	-.1551	-.4863	-.2089
.9500	-.4013	-.1336	-.4740	-.2208	-.4657	-.2636
.9750						

X/C	CP UPPER SURFACE STATION 7	CP LOWER SURFACE	CP UPPER SURFACE STATION 8	CP LOWER SURFACE	CP UPPER SURFACE STATION 9	CP LOWER SURFACE
.0250						
.0500	-.5790	.3935	-.4900	.3609		
.1000	-.5652	.3485	-.4854	.3237	-.4359	.2621
.1500	-.5529	.3108	-.4772	.2782	-.4350	.2088
.2250	-.5363	.1477	-.4689	.2097	-.4276	.1270
.3000	-.5212	.1891	-.4629	.1523	-.4217	.0622
.4500	-.4987	******	-.4524	.0438	-.4116	-.0513
.6000	-.4726	-.0200	-.4359	-.0572	-.3992	-.1243
.7500	-.4588	-.1262	-.4157	-.1551	-.3772	-.1804
.9000	-.4359	-.2337	-.3914	-.2319	-.3542	-.2158
.9500						
.9750						

TABLE VI.- TEST DATA

(a) Continued

	CONFIG 7		MACH .70		ALPHA 16.64	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-1.5703	.5804	-1.2750	.5223	-1.0715	.4881
.0500	-1.4598	.5822	-1.2351	.5370	-1.0261	.5041
.1000	******	.5397	-1.2328	.5009	-1.0119	.4812
.1500	-1.4401	.4913	-1.1650	.4588	-1.0054	.4342
.2250	-1.3181	.4186	-1.1664	.3935	-.9798	.3711
.3000	-1.1641	.3529	-1.0939	.3245	-.9527	.3108
.4500	-.7510	.2281	-.9220	.2140	-.8592	.1971
.6000	-.5277	.1217	-.7359	.1098	-.7629	.0874
.7500	-.4415	.0184	-.6144	.0098	-.6694	-.0222
.9000	-.3448	-.0712	-.4970	-.1033	-.5749	-.1455
.9500	-.2435	-.0987	-.3975	-.1446	-.5121	-.2065
.9750	-.1967	-.1001	-.3150	-.1748	-.4915	-.2900

X/C	STATION 4		STATION 5		STATION 6	
.0250	-.8766	.4630	******	.4403	-.6789	.4220
.0500	-.8491	.4803	-.7037	.4472	-.6707	.4054
.1000	-.8331	.4538	-.7073	.4289		
.1500	-.8253	.4113	-.7262	.3797	-.6606	.3705
.2250	-.7959	.3529	-.7101	.3342	-.6532	.3154
.3000	-.7725	.2939	-.7005	.2782	-.6399	.2543
.4500	-.7666	.1843	-.6817	.1615	-.6147	.1403
.6000	-.7184	.0696	-.6665	.0494	******	.0255
.7500	-.6602	-.0428	-.6280	-.0673	-.5716	-.0972
.9000	-.5910	-.1854	-.5904	-.2286	-.5509	-.2539
.9500	-.5717	-.2716	-.5826	-.3219	-.5459	-.3265
.9750						

X/C	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.6161	.3949	-.5574	.3599		
.1000	-.6069	.3792	-.5523	.3425	-.4964	.2749
.1500	-.6069	.3448	-.5528	.3062	-.4982	.2290
.2250	-.5986	.1785	-.5349	.2552	-.4945	.1518
.3000	-.5835	.2290	-.5363	.1881	-.4913	.0806
.4500	-.5661	******	-.5239	.0751	-.4895	-.0448
.6000	-.5551	-.0012	-.5074	-.0439	-.4785	-.1326
.7500	-.5344	-.1321	-.5009	-.1625	-.4675	-.2075
.9000	-.5156	-.2677	-.4853	-.2718	-.4569	-.2635
.9500						
.9750						

TABLE VI.- TEST DATA

(a) Continued

	CONFIG 8			MACH .70			ALPHA .05	
	CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1			STATION 2			STATION 3	
.0250	.1056	.0773		.0852	.0728		.0676	.0695
.0500	.0536	.0550		.0328	.0527		.0402	.0340
.1000	******	.0098		-.0149	-.0085		-.0025	-.0171
.1500	-.0144	-.0350		-.0378	-.0400		-.0497	-.0501
.2250	-.0428	-.0771		-.0593	-.0849		-.0790	-.0927
.3000	-.0909	-.0941		-.0968	-.1019		-.1074	-.1211
.4500	-.1284	-.1266		-.1321	-.1417		-.1335	-.1385
.6000	-.1280	-.1431		-.1211	-.1390		-.1280	-.1463
.7500	-.0918	-.0982		-.0932	-.1023		-.0904	-.1042
.9000	.0230	.0130		.0249	.0166		.0225	.0134
.9500	.0973	.0791		.0889	.0837		.0866	.0819
.9750	.1395	.1366		.1307	.1321		.1237	.1216

X/C	STATION 4			STATION 5			STATION 6	
.0250	.0806	.0381		******	.0434			
.0500	.0360	.0116		.0090	.0057		.0237	-.0040
.1000	-.0011	-.0450		-.0232	-.0291		-.0315	-.0411
.1500	-.0463	-.0739		-.0576	-.0870		-.0750	-.0961
.2250	-.0845	-.0936		-.0805	-.1090		-.0883	-.1067
.3000	-.1078	-.1188		-.1240	-.1214		-.1217	-.1273
.4500	-.1390	-.1504		-.1469	-.1457		-.1378	-.1503
.6000	-.1284	-.1463		-.1355	-.1448		******	-.1388
.7500	-.0913	-.1005		-.0901	-.1035		-.0869	-.0998
.9000	.0202	.0102		.0168	.0066		.0145	.0044
.9500	.0866	.0750		.0784	.0672		.0729	.0695
.9750								

X/C	STATION 7			STATION 8			STATION 9	
.0250								
.0500	.0154	.0025		.0126	-.0181			
.1000	-.0319	-.0585		-.0333	-.0746		-.0452	-.0663
.1500	-.0613	-.0737		-.0654	-.0801		-.0704	-.0948
.2250	-.0920	-.0998		-.0993	-.1012		-.0452	-.1017
.3000	-.1158	-.1292		-.1130	-.1260		-.1167	-.1237
.4500	-.1419	******		-.1350	-.1411		-.1117	-.1163
.6000	-.1254	-.1361		-.1176	-.1273		-.0942	-.0943
.7500	-.0865	-.0961		-.0851	-.0819		-.0585	-.0568
.9000	.0090	-.0112		.0090	-.0227		.0012	.0053
.9500								
.9750								

TABLE VI. TEST DATA

(a) Continued

	CONFIG 8		MACH .70		ALPHA 8.47	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-1.1908	.4770	-1.0832	.4482	-1.0319	.4405
.0500	-1.1990	.4204	-1.0681	.4090	-1.0205	.4012
.1000	*******	.3570	-1.2370	.3383	-1.0489	.3392
.1500	-1.01?7	.2927	-1.3903	.2826	-1.1532	.2812
.2250	-.1728	.2370	-1.1139	.2215	-1.2631	.2155
.3000	-.2731	.1790	-.1875	.1649	-1.1290	.1699
.4500	-.3046	.0965	-.2332	.0873	-.1064	.0878
.6000	-.2593	.0344	-.2172	.0340	-.1234	.0267
.7500	-.1811	.0102	-.1623	.0098	-.1266	-.0016
.9000	-.0277	.0531	-.0364	.0486	-.0556	.0362
.9500	.0569	.0864	.0369	.0905	.0137	.0737
.9750	.1182	.1366	.1038	.1302	.0680	.1111

	STATION 4		STATION 5		STATION 6	
.0250	-.9542	.4190	*******	.4228		
.0500	-.9468	.3894	-.8238	.3866	-.7299	.2861
.1000	-.9715	.3269	-.8415	.3343	-.7189	.3274
.1500	-.9994	.2826	-.8930	.2673	-.7057	.2668
.2250	-1.1070	.2165	-.4090	.2196	-.6855	.2163
.3000	-1.1441	.1704	-.9695	.1631	-.6718	.1572
.4500	-.8580	.0832	-.9438	.0819	-.6686	.0718
.6000	-.0950	.0248	-.6750	.0204	*******	.0002
.7500	-.0396	-.0039	-.3878	-.0250	-.4716	-.0544
.9000	-.0643	.0125	-.2527	-.0411	-.4171	-.1122
.9500	-.0309	.0454	-.2138	-.0360	-.3851	-.1507
.9750						

	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.5481	.3737	-.4061	.3549	-.3159	.2425
.1000	-.5220	.3178	-.3956	.2999	-.3063	.1819
.1500	-.5147	.2636	-.3864	.2402	-.2985	.1094
.2250	-.4735	.1149	-.3745	.1810	-.2857	.0401
.3000	-.4620	.1457	-.3677	.1204	-.2811	-.0493
.4500	-.4464	*******	-.3594	.0259	-.2696	-.1044
.6000	-.4593	-.0186	-.3521	-.0590	-.2609	-.1457
.7500	-.4313	-.0911	-.3342	-.1333	-.2582	-.1700
.9000	-.3970	-.1718	-.3127	-.1874		
.9500						
.9750						

TABLE VI.- TEST DATA

(a) Continued

CONFIG B   MACH .70   ALPHA 12.68

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE STATION 1	CP UPPER SURFACE STATION 2	CP LOWER SURFACE STATION 2	CP UPPER SURFACE STATION 3	CP LOWER SURFACE STATION 3
.0250	-1.6640	.5360	-1.5042	.4972	-1.3206	.4721
.0500	-1.8462	.5291	-1.4195	.4903	-1.3028	.4665
.1000	*******	.4675	-1.5770	.4456	-1.2428	.4346
.1500	-1.7611	.4168	-1.5450	.3936	-1.2286	.3776
.2250	-.9809	.3447	-1.4246	.3288	-1.1783	.3210
.3000	-.3903	.2840	-1.3701	.2745	-1.1338	.2649
.4500	-.3418	.1896	-.5593	.1809	-.9324	.1654
.6000	-.3349	.1093	-.3794	.1001	-.7374	.0887
.7500	-.3052	.0522	-.3313	.0413	-.5538	.0180
.9000	-.1605	.0385	-.1958	.0216	-.3409	-.0185
.9500	-.0351	.0559	-.1024	.0349	-.2731	-.0272
.9750	.0318	.0750	-.0287	.0486	-.1930	-.0423

X/C	CP UPPER SURFACE STATION 4	CP LOWER SURFACE STATION 4	CP UPPER SURFACE STATION 5	CP LOWER SURFACE STATION 5	CP UPPER SURFACE STATION 6	CP LOWER SURFACE STATION 6
.0250	-1.0487	.4511	*******	.4450		
.0500	-1.0272	.4584	-.7869	.4436	-.7031	.4289
.1000	-.9919	.4173	-.8176	.4105	-.6875	.3931
.1500	-.9507	.3762	-.7961	.3582	-.6747	.3504
.2250	-.9141	.3114	-.7727	.3036	-.6445	.2953
.3000	-.8834	.2548	-.7581	.2527	-.6335	.2439
.4500	-.8546	.1640	-.7210	.1531	-.5973	.1338
.6000	-.7410	.0764	-.6742	.0672	*******	.0402
.7500	-.6270	.0043	-.6064	-.0241	-.5501	-.0594
.9000	-.5117	-.0771	-.5423	-.1379	-.5107	-.1879
.9500	-.4485	-.1289	-.5066	-.2168	-.4965	-.2517
.9750						

X/C	CP UPPER SURFACE STATION 7	CP LOWER SURFACE STATION 7	CP UPPER SURFACE STATION 8	CP LOWER SURFACE STATION 8	CP UPPER SURFACE STATION 9	CP LOWER SURFACE STATION 9
.0250						
.0500	-.5918	.4069	-.5144	.3724		
.1000	-.5808	.3724	-.5116	.3477	-.4640	.2774
.1500	-.5739	.3353	-.5125	.3022	-.4612	.2251
.2250	-.5634	.1700	-.4992	.2439	-.4598	.1508
.3000	-.5556	.2187	-.5006	.1833	-.4566	.0773
.4500	-.5281	*******	-.4768	.0746	-.4461	-.0264
.6000	-.5107	.0122	-.4644	-.0305	-.4333	-.1076
.7500	-.4850	-.0961	-.4415	-.1333	-.4108	-.1700
.9000	-.4635	-.2182	-.4269	-.2237	-.3856	-.2173
.9500						
.9750						

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-1.6157	.5865	-1.3342	.5236	-1.1250	.4875
.0500	-1.5461	.5979	-1.2920	.5464	-1.1268	.5163
.1000	*******	.5642	-1.3442	.5158	-1.1112	.4989
.1500	-1.5227	.5190	-1.3136	.4820	-1.0261	.4597
.2250	-1.4133	.4492	-1.2627	.4214	-1.0444	.3999
.3000	-1.2756	.3862	-1.1716	.3634	-1.0178	.3511
.4500	-.9350	.2817	-1.0279	.2525	-.9519	.2429
.6000	-.6512	.1745	-.8535	.1604	-.8695	.1421
.7500	-.5212	.0951	-.7102	.0677	-.7752	.0445
.9000	-..999	.0198	-.5674	-.0354	-.6718	-.0922
.9500	-.2914	-.0240	-.4543	-.0954	-.6187	-.1848
.9750	-.2282	-.0313	-.3980	-.1605	-.5761	-.2819

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 4		STATION 5		STATION 6	
.0250	-.9712	.4510	*******	.4325		
.0500	-.9547	.4893	-.8019	.4573	-.7813	.4298
.1000	-.9226	.4702	-.8422	.4504	-.7754	.4229
.1500	-.9171	.4378	-.8303	.4109	-.7648	.3953
.2250	-.9039	.3848	-.8175	.3660	-.7648	.3453
.3000	-.8901	.3319	-.8074	.3146	-.7483	.2921
.4500	-.8773	.2270	-.7832	.2063	-.7277	.1806
.6000	-.8311	.1239	-.7685	.1044	*******	.0755
.7500	-.7674	.0125	-.7387	-.0218	-.6755	-.0539
.9000	-.7102	-.1472	-.7035	-.1994	-.6622	-.2365
.9500	-.6846	-.2581	-.6934	-.3122	-.6490	-.3315
.9750						

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.7268	.3967	-.6586	.3655		
.1000	-.7122	.3953	-.6526	.3550	-.5922	.2838
.1500	-.7090	.3715	-.6435	.3279	-.5844	.2393
.2250	-.6993	.2054	-.6375	.2774	-.5862	.1705
.3000	-.6828	.2664	-.6306	.2210	-.5867	.0938
.4500	-.6728	*******	-.6151	.1099	-.5770	-.0268
.6000	-.6577	.0360	-.6009	-.0158	-.5715	-.1218
.7500	-.6297	-.0952	-.5885	-.1429	-.5592	-.2099
.9000	-.6132	-.2590	-.5725	-.2755	-.5418	-.2879
.9500						
.9750						

TABLE VI.- TEST DATA

(b) Mach = 0.90

CONFIG 1 — MACH .90 — ALPHA -.02

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE	CP UPPER SURFACE STATION 2	CP LOWER SURFACE	CP UPPER SURFACE STATION 3	CP LOWER SURFACE	CP UPPER SURFACE STATION 4	CP LOWER SURFACE
.0125	.1264	.1203	.1001	.0790	.0890	.0611	.0660	.0413
.0250	.0984	.1102	.0691	.0672	.0431	.0420	.0199	.0060
.0500	.0837	.0658	.0585	.0427	.0192	.0107	.0011	-.0044
.1000	.0783	.0339	.0055	.0043	-.0223	-.0333	-.0290	-.0522
.1500	.0103	.0006	-.0247	-.0313	-.0499	-.0623	-.0671	-.0762
.2250	-.0348	-.0330	-.0732	-.0657	-.0907	-.0903	-.1069	-.1180
.3000	-.0590	-.0654	-.0941	-.1011	-.1214	-.1271	-.1339	-.1463
.4500	******	-.1244	-.1490	-.1622	-.1666	-.1784	-.1696	-.1824
.6000	-.1561	-.1713	-.1848	-.1912	-.1804	-.1733	-.1639	-.1706
.7500	-.1730	-.1740	-.1565	-.1679	-.1332	-.1386	-.1214	-.1190
.9000	-.0654	-.0677	-.0260	-.0263	-.0068	-.0084	.0045	.0027
.9500	.0096	.0141	.0407	.0447	.0568	.0578	.0626	.0683

X/C	STATION 5 UPPER	LOWER	STATION 6 UPPER	LOWER	STATION 7 UPPER	LOWER	STATION 8 UPPER	LOWER
.0125								
.0250	.0139	.0068	.0193	-.0263	.0440	-.0220		
.0500	.0129	-.0334	-.0210	-.0446	.0031	-.0388	.0122	-.0007
.1000	-.0510	-.0655	-.0612	-.0770	-.0466	-.0557	-.0294	-.0544
.1500	-.0811	-.1010	-.0740	-.0963	-.0645	-.0892	******	-.0828
.2250	-.1155	-.1317	-.1043	-.1091	-.0895	-.1081	-.0844	-.1071
.3000	-.1357	-.1571	-.1333	******	-.1091	-.1287	-.1026	-.1267
.4500	-.1600	-.1669	-.1441	-.1446	-.1236	-.1300	-.1097	******
.6000	-.1458	-.1523	-.1340	-.1382	-.1175	-.1260	-.0854	-.0878
.7500	-.0983	-.1003	-.0861	-.0956	-.0679	-.0811	-.0244	-.0405
.9000	.0105	.0112	.0180	.0155	.0298	.0267	.0501	.0439
.9500	.0660	.0625	.0697	.0727				

TABLE VI.- TEST DATA

(b) Continued

CONFIG	MACH	ALPHA
1	.90	4.09

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.3563	.3038	-.3944	.2715	-.4398	.2608	-.4905	.2460
.0250	-.3503	.2685	-.3958	.2466	-.4382	.2366	-.4935	.2174
.0500	-.3161	.2141	-.4194	.2040	-.4676	.1952	-.5003	.1855
.1000	-.1086	.1897	-.3681	.1532	-.4895	.1331	-.5158	.1257
.1500	-.1103	.1341	-.1716	.1092	-.3867	.0964	-.5158	.0907
.2250	-.1484	.0887	-.1679	.0625	-.2064	.0443	-.4575	.0336
.3000	-.1716	.0541	-.2067	.0201	-.2299	.0074	-.3462	-.0000
.4500	******	-.0188	-.2663	-.0468	-.2926	-.0583	-.2852	-.0566
.6000	-.2485	-.0738	-.3007	-.0940	-.2822	-.0930	-.2374	-.0819
.7500	-.2542	-.1005	-.2114	-.1028	-.1753	-.0849	-.1629	-.0674
.9000	-.0722	-.0573	-.0294	-.0219	-.0115	-.0006	.0011	.0124
.9500	.0120	.0033	.0496	.0390	.0554	.0574	.0701	.0679

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.5415	.2116	-.5981	.2146	-.5644	.2305		
.0500	-.5637	.1724	-.5705	.1815	-.5755	.2004	-.4649	.2328
.1000	-.5631	.1233	-.5391	.1342	-.5735	.1646	-.4582	.1659
.1500	-.5823	.0828	-.5088	.0987	-.5631	.1158	******	.1122
.2250	-.5688	.0351	-.5040	.0399	-.5597	.0730	-.4187	.0541
.3000	-.5054	.0020	-.4909	******	-.5627	.0345	-.3856	.0644
.4500	-.2895	-.0429	-.4335	-.0240	-.4929	.0020	-.3806	******
.6000	-.1984	-.0561	-.2771	-.0426	-.3027	-.0426	-.3688	-.0652
.7500	-.1195	-.0513	-.1266	-.0409	-.0568	-.0459	-.3442	-.0476
.9000	.0136	.0206	.0092	.0291	.0782	.0280	-.2625	-.0665
.9500	.0694	.0645	.0555	.0787				

TABLE VI. - TEST DATA

(b) Continued

	CONFIG 1		MACH .90				ALPHA 8.21	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.7126	.3949	-.7112	.3243	-.7348	.2903	-.7658	.2470
.0250	-.7456	.3811	-.7284	.3527	-.7358	.3065	-.7769	.2772
.0500	-.8747	.3374	-.7565	.3132	-.7581	.2957	-.7783	.2779
.1000	-.8166	.2960	-.8376	.2614	-.7847	.2503	-.7914	.2366
.1500	-.1372	.2547	-.9259	.2282	-.8444	.2117	-.8283	.2060
.2250	-.2168	.2050	-.7739	.1771	-.9279	.1653	-.8872	.1529
.3000	-.2653	.1670	-.2218	.1388	-.9074	.1223	-.9320	.1206
.4500	******	.0884	-.3206	.0611	-.5090	.0504	-.9202	.0551
.6000	-.3455	.0232	-.4072	.0050	-.3482	-.0135	-.7078	.0107
.7500	-.4069	.0199	-.3664	-.0296	-.1549	-.0192	-.2404	-.0010
.9000	-.0816	-.0252	-.0203	.0083	.0055	.0289	.0568	.0574
.9500	.0386	.0054	.0592	.0450	.0796	.0816	.0972	.1115
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.8147	.2541	-.8835	.2399	-.6508	.2457		
.0500	-.8170	.2565	-.8973	.2480	-.6393	.2585	-.3819	.2677
.1000	-.8467	.2288	-.8803	.2278	-.6143	.2545	-.3711	.2355
.1500	-.8619	.1957	-.8602	.2038	-.5867	.2159	******	.1916
.2250	-.8872	.1534	-.8272	.1301	-.5482	.1852	-.3354	.1426
.3000	-.9125	.1173	-.7951	******	-.5182	.1450	-.3124	.0862
.4500	-.8761	.0629	-.7681	.0841	-.4747	.0987	-.2952	******
.6000	-.7860	.0328	-.7742	.0443	-.4413	.0260	-.2706	-.0888
.7500	-.6585	.0193	-.7452	.0216	-.5020	-.0473	-.2460	-.1517
.9000	-.1981	.0723	-.6238	.0108	-.5965	-.1618	-.2230	-.2270
.9500	-.0189	.1115	-.5573	-.0392				

TABLE VI. - TEST DATA

(b) Continued

CONFIG	MACH	ALPHA
1	.90	16.49

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-1.2373	.4910	-1.1315	.3394	-1.1237	.2631	-1.1379	.1804
.0250	-1.2532	.5313	-1.1824	.4174	-1.1588	.3465	-1.1750	.2860
.0500	-1.4133	.5212	-1.1382	.4463	-1.1746	.3945	-1.1753	.3542
.1000	-1.3937	.5108	-1.3398	.4379	-1.1467	.3972	-1.1875	.3626
.1500	-1.4170	.4742	-1.3422	.4137	-1.1918	.3777	-1.1837	.3512
.2250	-1.0162	.4194	-1.3068	.3767	-1.3229	.3444	-1.1551	.3169
.3000	-.6084	.3780	-1.3479	.3337	-1.2967	.3034	-1.0870	.2826
.4500	*******	.2843	-1.0836	.2470	-1.1500	.2198	-.9444	.2046
.6000	-.5568	.1912	-.7244	.1640	-1.1130	.1025	-.8177	.1146
.7500	-.3570	.1099	-.1988	.0766	-.6350	.0490	-.8029	.0238
.9000	-.2249	.0043	-.3250	-.0273	-.5535	-.0539	-.6762	-.1106
.9500	-.1767	-.0434	-.2306	-.0687	-.4726	-.1126	-.6501	-.1814

	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-1.0090	.2440	-.6727	.2203	-.5374	.1919		
.0500	-.9786	.3116	-.6825	.2825	-.5371	.2433	-.4386	.2156
.1000	-.8892	.3450	-.6761	.3052	-.5391	.2849	-.4389	.2210
.1500	-.8353	.3302	-.6440	.3008	-.5452	.2612	*******	.2041
.2250	-.8012	.2964	-.6373	.2055	-.5486	.2376	-.4450	.1598
.3000	-.7911	.2622	-.6343	******	-.5590	.1970	-.4295	.1092
.4500	-.7347	.1818	-.6605	.1561	-.5401	.1330	-.4474	*******
.6000	-.7685	.0977	-.6271	.0635	-.5637	.0108	-.4261	-.1463
.7500	-.7118	-.0081	-.5921	-.0517	-.4760	-.1267	-.3966	-.2354
.9000	-.6612	-.1550	-.5637	-.1979	-.4531	-.2682	-.3694	-.3009
.9500	-.6565	-.2310	-.5489	-.2817				

TABLE VI.- TEST DATA

(b) Continued

	CONFIG			MACH			ALPHA	
	2			.90			-.01	

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1595	.1608	.0968	.1001	.0604	.0752	.0443	.0620
.0250	.1454	.1493	.0785	.0866	.0440	.0563	.0104	.0344
.0500	.1221	.1139	.0645	.0681	.0193	.0276	-.0047	.0131
.1000	.0930	.0725	.0203	.0226	-.0112	-.0098	-.0335	-.0372
.1500	.0368	.0344	-.0132	-.0159	-.0464	-.0413	-.0680	-.0605
.2250	-.0122	-.0128	-.0565	-.0524	-.0836	-.0822	-.1042	-.1089
.3000	-.0457	-.0514	-.0836	-.0876	-.1191	-.1194	-.1289	-.1370
.4500	******	-.1140	-.1424	-.1522	-.1586	-.1712	-.1556	-.1776
.6000	-.0991	-.1620	-.1752	-.1837	-.1684	-.1719	-.1576	-.1715
.7500	-.1624	-.1668	-.1465	-.1617	-.1228	-.1343	-.1160	-.1170
.9000	-.0579	-.0666	-.0268	-.0301	-.0051	-.0115	.0052	-.0044
.9500	.0093	.0098	.0381	.0371	.0484	.0499	.0560	.0586

X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.0024	.0254	.0370	-.0230	.0523	-.0268		
.0500	.0004	-.0085	-.0125	-.0461	.0122	-.0457	.0228	-.0163
.1000	-.0541	-.0532	-.0565	-.0732	-.0352	-.0593	-.0227	-.0657
.1500	-.0778	-.0908	-.0717	-.0942	-.0579	-.0969	******	-.0894
.2250	-.1052	-.1291	-.1018	-.1088	-.0802	-.1074	-.0795	-.1135
.3000	-.1428	-.1515	-.1228	******	-.1066	-.1237	-.1039	-.1284
.4500	-.1489	-.1633	-.1414	-.1457	-.1194	-.1281	-.1089	******
.6000	-.1428	-.1484	-.1296	-.1382	-.1174	-.1274	-.0863	-.0844
.7500	-.0927	-.1010	-.0863	-.0932	-.0700	-.0793	-.0244	-.0383
.9000	.0109	.0037	.0126	.0163	.0241	.0278	.0489	.0478
.9500	.0611	.0546	.0628	.0712				

TABLE VI.- TEST DATA

(b) Continued

CONFIG	MACH	ALPHA
2	.90	4.27

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.0823	.2504	-.0003	.1709	-.1127	.1402	-.2286	.1284
.0250	.0916	.2160	.0162	.1419	-.0531	.1099	-.1634	.0971
.0500	.0820	.1581	.0148	.1082	-.0444	.0711	-.1120	.0738
.1000	.0515	.1068	-.0268	.0569	-.0785	.0323	-.1333	.0367
.1500	.0001	.0671	-.0565	.0209	-.1018	.0071	-.1678	.0216
.2250	-.0464	.0219	-.1022	-.0138	-.1451	-.0230	-.2127	-.0115
.3000	-.0836	-.0105	-.1333	-.0456	-.1857	-.0487	-.2482	-.0331
.4500	*******	-.0703	-.2022	-.0923	-.2523	-.0933	-.2871	-.0693
.6000	-.1637	-.1069	-.2523	-.1160	-.2621	-.1055	-.2388	-.0856
.7500	-.2229	-.1136	-.1989	-.1126	-.1644	-.0917	-.1617	-.0751
.9000	-.0751	-.0568	-.0336	-.0294	-.0092	-.0155	-.0058	-.0138
.9500	.0045	.5077	.0371	.0266	.0470	.0340	.0425	.0319

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125			-.6079	.2060	-.5842	.2243		
.0250	-.5122	.1569	-.5977	.1701	-.5910	.1952	-.4929	.2284
.0500	-.5541	.1274	-.6146	.1257	-.6031	.1533	-.4361	.1596
.1000	-.2239	.0925	-.6478	.0878	-.5869	.1091	*******	.1095
.1500	-.2591	.0586	-.5626	.0366	-.5886	.0702	-.4634	.0546
.2250	-.2855	.0176	-.3295	*******	-.5663	.0285	-.4445	.0017
.3000	-.3112	-.0095	-.2250	-.0332	-.4411	-.0058	-.4283	*******
.4500	-.2740	-.0522	-.1594	-.0569	-.1939	-.0525	-.3687	-.0847
.6000	-.2087	-.0681	-.0721	-.0617	-.0237	-.0630	-.2788	-.0362
.7500	-.1161	-.0633	.0489	.0010	.0530	.0268	-.1478	.0038
.9000	.0065	-.0102	.0829	.0488				
.9500	.0493	.0261						

TABLE VI.- TEST DATA

(b) Continued

CONFIG	MACH	ALPHA
2	.90	8.55

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.1410	.2423	-.1803	.1762	-.3047	.1513	-.6177	.1793
.0250	-.0772	.2062	-.1492	.1560	-.3513	.1489	-.6738	.2076
.0500	-.0004	.1526	-.0308	.1318	-.1803	.1385	-.7864	.2106
.1000	-.0153	.1220	-.0565	.1082	-.1661	.1307	-.6755	.1840
.1500	-.0471	.0981	-.0964	.0819	-.2164	.1216	-.3824	.1668
.2250	-.0856	.0721	-.1542	.0704	-.2739	.1024	-.3939	.1223
.3000	-.1255	.0542	-.2083	.0606	-.3239	.0778	-.4240	.0981
.4500	******	.0205	-.3111	.0226	-.4007	.0307	-.4652	.0404
.6000	-.2631	-.0118	-.3973	-.0179	-.4355	-.0267	-.3351	-.0014
.7500	-.3713	-.0399	-.2749	-.0473	-.2394	-.0392	-.2279	-.0318
.9000	-.1099	-.0389	-.0653	-.0247	-.0609	-.0172	-.0575	-.0189
.9500	-.0210	-.0041	.0049	.0077	-.0020	.0108	-.0153	.0024

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.7921	.2236	-.8611	.2267	-.7478	.2260		
.0500	-.8473	.2294	-.8879	.2379	-.7533	.2447	-.5135	.2599
.1000	-.9264	.2135	-.8879	.2158	-.7458	.2447	-.5053	.2321
.1500	-.9521	.1830	-.8787	.1976	-.7228	.2037	******	.1976
.2250	-1.0387	.1410	-.8977	.1250	-.7174	.1708	-.4566	.1457
.3000	-.8872	.1050	-.9621	******	-.7228	.1325	-.4235	.0945
.4500	-.3653	.0488	-1.0313	.0671	-.7793	.0827	-.4018	******
.6000	-.2195	.0098	-.5706	.0166	-.9690	.0139	-.3254	-.0535
.7500	-.1225	-.0237	-.1478	-.0196	-.8710	-.0312	-.2595	-.1003
.9000	-.0129	-.0159	.0214	-.0047	-.3978	-.0342	-.2598	-.1911
.9500	.0224	.0064	.0489	.0231				

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TABLE VI.- TEST DATA

(b) Continued

	CONFIG			MACH			ALPHA	
	2			.90			12.83	

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.3524	.1962	-.3930	.1733	-.6121	.1905	-.7514	.1709
.0250	-.3969	.1837	-.4255	.1962	-.6767	.2400	-.7805	.2457
.0500	-.2202	.1598	-.5347	.2093	-.7085	.2666	-.8309	.2852
.1000	-.1275	.1604	-.1519	.2137	-.7917	.2602	-.8536	.2768
.1500	-.1032	.1648	-.2128	.2107	-.5857	.2491	-.9205	.2666
.2250	-.1478	.1706	-.2963	.1996	-.5086	.2221	-1.0477	.2272
.3000	-.1958	.1638	-.3406	.1783	-.5164	.1911	-.9405	.1969
.4500	******	.1338	-.4413	.1298	-.5661	.1264	-.7335	.1304
.6000	-.3578	.0822	-.5140	.0704	-.5999	.0421	-.5242	.0637
.7500	-.4907	.0537	-.4342	.0192	-.3507	.0141	-.3571	.0094
.9000	-.1762	-.0192	-.1444	-.0196	-.1590	-.0250	-.1661	-.0433
.9500	-.0887	-.0206	-.0667	-.0128	-.1073	-.0287	-.1344	-.0566

X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.8719	.2254	-.9430	.2010	-.7173	.1973		
.0500	-.8722	.2708	-.9748	.2539	-.7041	.2491	-.3566	.2603
.1000	-.9413	.2820	-.9819	.2637	-.6780	.2790	-.3404	.2532
.1500	-.9693	.2603	-.9633	.2579	-.6371	.2549	******	.2281
.2250	-1.0018	.2257	-.9379	.1783	-.6121	.2288	-.3133	.1834
.3000	-1.0583	.1949	-.8827	******	-.5823	.1902	-.3012	.1346
.4500	-1.1703	.1288	-.8746	.1285	-.5481	.1332	-.3245	******
.6000	-.8499	.0695	-1.0529	.0624	-.5302	.0319	-.3526	-.0735
.7500	-.5065	.0010	-.9741	-.0159	-.4855	-.0735	-.2866	-.1630
.9000	-.2666	-.0596	-.6699	-.1115	-.5258	-.2033	-.2562	-.2565
.9500	-.2342	-.0939	-.5823	-.1799				

TABLE VI.- TEST DATA

(b) Continued

CONFIG	MACH	ALPHA
2	.90	17.14

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.7089	.1904	-.7217	.1490	-.7015	.1615	-.7939	.1325
.0250	-.7993	.2032	-.7369	.2220	-.7369	.2426	-.8199	.2409
.0500	-.4854	.2079	-.7521	.2614	-.7447	.2991	-.8371	.3058
.1000	-.3585	.2382	-.6397	.2493	-.8095	.3210	-.8520	.3280
.1500	-.2975	.2517	-.5607	.2940	-.8648	.3206	-.8867	.3250
.2250	-.3248	.2574	-.5648	.2883	-.8732	.3048	-.9478	.2998
.3000	-.3528	.2540	-.5750	.2708	-.8597	.2789	-1.0001	.2779
.4500	******	.2204	-.6248	.2173	-.8675	.2109	-1.0700	.2045
.6000	-.4665	.1652	-.6859	.1494	-.8810	.1013	-.9600	.1262
.7500	-.6154	.1026	-.7015	.0753	-.6204	.0585	-.7929	.0407
.9000	-.3788	.0047	-.3002	-.0148	-.3916	-.0398	-.5847	-.0787
.9500	-.2043	-.0351	-.2043	-.0523	-.3288	-.0854	-.5467	-.1471

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.9216	.2094	-1.0141	.1675	-.5711	.1790		
.0500	-.9287	.2869	-1.0414	.2500	-.5626	.2415	-.3820	.2290
.1000	-.9621	.3227	-1.0545	.2882	-.5478	.2923	-.3752	.2371
.1500	-.9854	.3150	-1.0371	.2940	-.5447	.2764	******	.2273
.2250	-1.0127	.2886	-.9449	.2145	-.5255	.2612	-.3519	.1905
.3000	-1.0364	.2635	-.8142	******	-.5069	.2253	-.3310	.1401
.4500	-.9672	.1942	-.7021	.1796	-.4579	.1610	-.3195	******
.6000	-.8682	.1140	-.6497	.0907	-.4073	.0440	-.2891	-.0856
.7500	-.8480	.0179	-.6680	-.0227	-.3796	-.0876	-.2617	-.1745
.9000	-.7905	-.1201	-.7098	-.1776	-.4201	-.2418	-.2401	-.2225
.9500	-.7629	-.2033	-.7365	-.2648				

TABLE VI.- TEST DATA

(b) Continued

CONFIG 3   MACH .90   ALPHA .01

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE	CP UPPER SURFACE STATION 2	CP LOWER SURFACE	CP UPPER SURFACE STATION 3	CP LOWER SURFACE	CP UPPER SURFACE STATION 4	CP LOWER SURFACE
.0125	.0996	.1476	.0825	.1069	.0815	.0760	.0616	.0498
.0250	.0767	.1264	.0692	.0857	.0497	.0592	.0172	.0252
.0500	.0558	.0888	.0545	.0568	.0278	.0198	-.0013	-.0030
.1000	.0664	.0518	.0185	.0168	-.0133	-.0206	-.0264	-.0439
.1500	.0086	.0228	-.0075	-.0260	-.0453	-.0496	-.0703	-.0688
.2250	-.0123	-.0189	-.0491	-.0594	-.0841	-.0840	-.0993	-.1148
.3000	-.0356	-.0533	-.0828	-.0938	-.1152	-.1239	-.1287	-.1428
.4500	******	-.1141	-.1492	-.1539	-.1584	-.1765	-.1651	-.1752
.6000	-.1523	-.1671	-.1773	-.1846	-.1790	-.1691	-.1651	-.1654
.7500	-.1692	-.1708	-.1543	-.1634	-.1334	-.1343	-.1179	-.1148
.9000	-.0619	-.0631	-.0275	-.0246	-.0071	-.0337	.0045	.0040
.9500	.0117	.0195	.0452	.0477	.0579	.0639	.0651	.0690

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE	CP UPPER SURFACE STATION 6	CP LOWER SURFACE	CP UPPER SURFACE STATION 7	CP LOWER SURFACE	CP UPPER SURFACE STATION 8	CP LOWER SURFACE
.0125								
.0250	.0197	.0007	.0207	.0007	.0332	-.0078		
.0500	.0180	-.0233	-.0179	-.0399	.0078	-.0372	.0061	.0017
.1000	-.0524	-.0531	-.0530	-.0751	-.0490	-.0561	-.0287	-.0524
.1500	-.0828	-.0852	-.0784	-.0937	-.0611	-.0859	******	-.0812
.2250	-.1128	-.1241	-.0925	-.1052	-.0878	-.1031	-.0848	-.1072
.3000	-.1395	-.1468	-.1236	******	-.1104	-.1224	-.1064	-.1234
.4500	-.1570	-.1610	-.1415	-.1430	-.1199	-.1261	-.1114	******
.6000	-.1459	-.1481	-.1287	-.1315	-.1158	-.1234	-.0844	-.0849
.7500	-.0959	-.0981	-.0824	-.0886	-.0682	-.0757	-.0243	-.0375
.9000	.0153	.0149	.0173	.0210	.0292	.0298	.0546	.0514
.9500	.0681	.0687	.0678	.0788				

TABLE VI.- TEST DATA

(b) Continued

CONFIG	MACH	ALPHA
-3	.90	4.12

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.4144	.3067	-.4077	.2798	-.4151	.2653	-.4677	.2458
.0250	-.4421	.2784	-.4225	.2549	-.4212	.2388	-.4762	.2250
.0500	-.4232	.2203	-.4364	.2102	-.4310	.1971	-.4819	.1930
.1000	-.1725	.1796	-.3918	.1554	-.4667	.1365	-.4974	.1274
.1500	-.1017	.1382	-.1833	.1073	-.4353	.0941	-.5086	.0891
.2250	-.1277	.0911	-.1374	.0629	-.2788	.0457	-.4499	.0329
.3000	-.1385	.0528	-.1850	.0208	-.2144	.0050	-.3368	-.0013
.4500	*******	-.0168	-.2532	-.0455	-.2761	-.0617	-.2737	-.0570
.6000	-.2349	-.0749	-.2879	-.0904	-.2727	-.0928	-.2279	-.0803
.7500	-.2484	-.1012	-.2049	-.1039	-.1681	-.0847	-.1533	-.0665
.9000	-.0663	-.0543	-.0271	-.0280	-.0095	-.0030	.0021	.0117
.9500	.0168	.0060	.0490	.0366	.0603	.0588	.0641	.0659

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.5415	.2151	-.5820	.2201	-.5543	.2266		
.0500	-.5422	.1738	-.5685	.1843	-.5608	.1998	-.4578	.2370
.1000	-.5604	.1295	-.5402	.1332	-.5685	.1660	-.4541	.1616
.1500	-.5766	.0828	-.5182	.0954	-.5591	.1153	*******	.1126
.2250	-.5631	.0348	-.5027	.0409	-.5554	.0744	-.4190	.0578
.3000	-.5000	.0027	-.4922	*******	-.5530	.0348	-.3791	.0068
.4500	-.2789	-.0412	-.4291	-.0237	-.5017	-.0010	-.3640	*******
.6000	-.1945	-.0592	-.2823	-.0412	-.3133	-.0423	-.3565	-.0649
.7500	-.1175	-.0490	-.1334	-.0399	-.0500	-.0453	-.3437	-.0524
.9000	.0163	.0254	.0071	.0274	.0256	.0318	-.2586	-.0707
.9500	.0715	.0676	.0529	.0737				

TABLE VI.- TEST DATA

(b) Continued

CONFIG	MACH	ALPHA
3	.90	8.24

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.7802	.3895	-.7455	.3272	-.7019	.2919	-.7390	.2499
.0250	-.8129	.3814	-.7563	.3377	-.7118	.3077	-.7536	.2798
.0500	-.9115	.5360	-.7529	.3178	-.7229	.2949	-.7583	.2775
.1000	-.9047	.2993	-.8376	.2751	-.7576	.2532	-.7741	.2381
.1500	-.1763	.2600	-.9536	.2294	-.8369	.2169	-.8089	.2035
.2250	-.1823	.2065	-.7971	.1826	-.9280	.1655	-.8781	.1513
.3000	-.2134	.1641	-.2039	.1375	-.9172	.1227	-.9212	.1194
.4500	******	.0901	-.3072	.9632	-.5440	.3487	-.9236	.8545
.6000	-.3308	.0242	-.4006	.0060	-.3419	-.0172	-.7141	.0107
.7500	-.3898	-.0195	-.3375	.0317	-.1267	-.0212	-.2755	-.0004
.9000	-.0808	-.0310	-.0231	-.5061	.0059	.0272	.0606	.0565
.9500	.0001	-.0064	.0555	.0410	.0777	.0831	.1048	.1123

X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.8035	.2536	-.8697	.2394	-.6438	.2448		
.0500	-.8059	.2553	-.8815	.2519	-.6273	.2614	-.3684	.2665
.1000	-.8322	.2306	-.8636	.2239	-.6064	.2519	-.3535	.2340
.1500	-.8521	.1978	-.8467	.2087	-.5777	.2154	******	.1958
.2250	-.8758	.1525	-.8096	.1295	-.5449	.1796	-.3204	.1427
.3000	-.8967	.1153	-.7846	******	-.5142	.1441	-.2475	.0866
.4500	-.8513	.0619	-.7563	.0805	-.4626	.0937	-.2490	******
.6000	-.7616	.0260	-.7610	.0423	-.4342	.0210	-.2634	-.0920
.7500	-.6685	-.0193	-.7434	.0166	-.4973	-.0568	-.2401	-.1562
.9000	-.2451	.0703	-.6226	-.0027	-.5827	-.1731	-.2171	-.2201
.9500	-.0635	.1065	-.5669	-.0642				

TABLE VI.- TEST DATA

(b) Continued

CONFIG. 3   MACH .90   ALPHA 12.39

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE	CP UPPER SURFACE STATION 2	CP LOWER SURFACE	CP UPPER SURFACE STATION 3	CP LOWER SURFACE	CP UPPER SURFACE STATION 4	CP LOWER SURFACE
.0125	-1.0740	.4412	-1.0234	.3285	-.9279	.2757	-.9528	.2176
.0250	-1.0810	.4574	-1.0618	.3780	-.9397	.3343	-.9822	.2909
.0500	-1.2376	.4284	-1.0372	.3854	-.9431	.3568	-.9906	.3255
.1000	-1.2200	.4066	-1.1489	.3588	-.9539	.3356	-1.0045	.3077
.1500	-1.1876	.3679	-1.1418	.3306	-1.0426	.3074	-1.0190	.2872
.2250	-.4222	.3148	-1.1532	.2842	-1.1350	.2640	-1.0328	.2455
.3000	-.2751	.2731	-1.1377	.2404	-1.0959	.2219	-1.0605	.2102
.4500	*******	.1920	-.4775	.1621	-1.1188	.1422	-1.0844	.1369
.6000	-.4249	.1136	-.4937	.0921	-.9464	.0447	-1.0514	.0773
.7500	-.4876	.0514	-.4438	.0279	-.4384	.0239	-.9255	.0346
.9000	-.1725	-.0118	-.0359	-.0051	-.0136	.0235	-.4471	.0360
.9500	-.0973	-.0256	.0141	.0107	.0610	.0578	-.2606	.0477

X/C	STATION 5 UPPER	LOWER	STATION 6 UPPER	LOWER	STATION 7 UPPER	LOWER	STATION 8 UPPER	LOWER
.0125								
.0250	-1.0303	.2468	-1.0759	.2124	-.5972	.2238		
.0500	-1.0316	.2888	-1.0904	.2668	-.5877	.2621	-.3828	.2580
.1000	-1.0667	.2901	-1.0684	.2752	-.5678	.2861	-.3666	.2455
.1500	-1.0819	.2719	-.9945	.2651	-.5472	.2583	*******	.2140
.2250	-1.0883	.2326	-.8797	.1816	-.5172	.2320	-.3315	.1691
.3000	-1.0907	.1985	-.7876	*******	-.4936	.1921	-.3069	.1146
.4500	-.9837	.1322	-.6684	.1376	-.4517	.1312	-.3066	*******
.6000	-.9111	.0805	-.5614	.0730	-.4109	.0257	-.3477	-.1031
.7500	-.9888	.0338	-.5358	-.0013	-.3839	-.0869	-.3936	-.1991
.9000	-.8993	.0287	-.6417	-.1369	-.5560	-.2262	-.4267	-.3114
.9500	-.8065	-.0967	-.5466	-.2272				

TABLE VI.- TEST DATA

(b) Continued

CONFIG	MACH	ALPHA
3	.90	16.55

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE	CP UPPER SURFACE STATION 2	CP LOWER SURFACE	CP UPPER SURFACE STATION 3	CP LOWER SURFACE	CP UPPER SURFACE STATION 4	CP LOWER SURFACE
.0125	-1.2620	.4821	-1.2023	.3273	-1.1047	.2580	-1.1084	.1800
.0250	-1.2897	.5251	-1.2586	.4124	-1.1324	.3448	-1.1398	.2869
.0500	-1.4392	.5113	-1.2269	.4464	-1.1308	.3946	-1.1580	.3522
.1000	-1.4223	.5063	-1.3916	.4427	-1.1351	.3953	-1.1550	.3620
.1500	-1.4601	.4723	-1.3750	.4175	-1.3143	.3825	-1.1310	.3559
.2250	-1.1580	.4215	-1.3653	.3781	-1.3352	.3488	-1.1651	.3176
.3500	-.6232	.3751	-1.4061	.3377	-1.2927	.3048	-1.2630	.2846
.4500	*******	.2836	-.9835	.2509	-1.2832	.2240	-1.0519	.2109
.6000	-.5543	.1951	-.7247	.1668	-1.2775	.1029	-.8881	.1295
.7500	-.5476	.1160	-.4291	.0817	-.6363	.0575	-.8536	.0410
.9000	-.2246	.0134	-.1649	-.0051	-.4875	-.0297	-.7406	-.0810
.9500	-.1652	.0354	-.1169	-.0263	-.4193	-.0712	-.6973	-.1673

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE	CP UPPER SURFACE STATION 6	CP LOWER SURFACE	CP UPPER SURFACE STATION 7	CP LOWER SURFACE	CP UPPER SURFACE STATION 8	CP LOWER SURFACE
.0125								
.0250	-1.1640	.2300	-.7183	.2134	-.5893	.1881		
.0500	-1.1620	.3021	-.7071	.2892	-.5886	.2429	-.4346	.2209
.1000	-1.2146	.3308	-.6801	.3112	-.5765	.2902	-.4302	.2276
.1500	-1.2298	.3254	-.6747	.3081	-.5596	.2665	*******	.2114
.2250	-1.0782	.2987	-.6805	.2151	-.5437	.2459	-.4181	.1718
.3000	-.9394	.2696	-.6737	*******	-.5400	.2084	-.3978	.1218
.4500	-.8064	.1904	-.6457	.1664	-.5241	.1421	-.3894	*******
.6900	-.7723	.1126	-.6288	.0795	-.4944	.0271	-.3684	-.1167
.7500	-.7682	.0145	-.6214	-.0382	-.4768	-.0998	-.3458	-.2066
.9000	-.7183	-.1414	-.6085	-.1901	-.4667	-.2564	-.3276	-.2743
.9500	-.7129	-.2192	-.5950	-.2763				

TABLE VI.- TEST DATA

(b) Continued

CONFIG	MACH	ALPHA
4	.90	.01

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE STATION 1	CP UPPER SURFACE STATION 2	CP LOWER SURFACE STATION 2	CP UPPER SURFACE STATION 3	CP LOWER SURFACE STATION 3	CP UPPER SURFACE STATION 4	CP LOWER SURFACE STATION 4
.0125	.1218	.1905	.0954	.1270	.0811	.0991	.0660	.0659
.0250	.1002	.1610	.0732	.1079	.0547	.0682	.0233	.0289
.0500	.0906	.1095	.0612	.0719	.0312	.0309	.0048	.0043
.1000	.0626	.0669	.0291	.0265	-.0084	-.0098	-.0236	-.0415
.1500	.0329	.0322	-.0010	-.0165	-.0384	-.0489	-.0624	-.0674
.2250	.0014	-.0125	-.0391	-.0519	-.0792	-.0846	-.0964	-.1157
.3000	-.0246	-.0506	-.0725	-.0927	-.1116	-.1207	-.1264	-.1440
.4500	*******	-.1157	-.1339	-.1562	-.1575	-.1801	-.1649	-.1798
.6000	-.1389	-.1643	-.1733	-.1916	-.1726	-.1747	-.1598	-.1730
.7500	-.1605	-.1703	-.1504	-.1676	-.1295	-.1386	-.1146	-.1187
.9000	-.0587	-.0668	-.0250	-.0317	-.0068	-.0088	.0059	.0006
.9500	.0168	.0158	.0431	.0450	.0582	.0585	.0650	.0683

X/C	STATION 5 UPPER	STATION 5 LOWER	STATION 6 UPPER	STATION 6 LOWER	STATION 7 UPPER	STATION 7 LOWER	STATION 8 UPPER	STATION 8 LOWER
.0125								
.0250	.0214	.0051	.0224	-.0071	.0413	-.0155		
.0500	.0190	-.0223	-.0247	-.0311	.0020	-.0301	.0054	.0051
.1000	-.0466	-.0554	-.0537	-.0747	-.0473	-.0524	-.0291	-.0574
.1500	-.0800	-.0895	-.0770	-.0946	-.0587	-.0868	*******	-.0872
.2250	-.1131	-.1291	-.0948	-.1071	-.0888	-.1004	-.0830	-.1088
.3000	-.1387	-.1500	-.1242	*******	-.1093	-.1298	-.1063	-.1264
.4500	-.1576	-.1686	-.1380	-.1477	-.1239	-.1301	-.1117	*******
.6000	-.1441	-.1494	-.1306	-.1365	-.1195	-.1240	-.0867	-.0835
.7500	-.0965	-.1007	-.0864	-.0936	-.0739	-.0781	-.0230	-.0355
.9000	.0136	.0098	.0142	.0186	.0264	.0267	.0501	.0490
.9500	.0695	.0649	.0654	.0730				

TABLE VI.- TEST DATA

(b) Continued

CONFIG 4   MACH .90   ALPHA 4.32

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE	CP UPPER SURFACE STATION 2	CP LOWER SURFACE	CP UPPER SURFACE STATION 3	CP LOWER SURFACE	CP UPPER SURFACE STATION 4	CP LOWER SURFACE
.0125	-.1865	.2756	-.2259	.2336	-.2799	.2141	-.3679	.2067
.0250	-.1480	.2437	-.2411	.2027	-.2934	.1825	-.3760	.1731
.0500	-.0057	.1832	-.1217	.1630	-.2742	.1408	-.3986	.1418
.1000	-.0105	.1418	-.0442	.1096	-.1056	.0894	-.3409	.0887
.1500	-.0341	.1062	-.0725	.0679	-.1201	.0538	-.1872	.0568
.2250	-.0563	.0578	-.1123	.0282	-.1669	.0161	-.2054	.0084
.3000	-.0772	.0249	-.1460	-.0061	-.2020	-.0179	-.2425	-.0226
.4500	******	-.0415	-.2128	-.0685	-.2539	-.0755	-.2671	-.0675
.6000	-.1990	-.0867	-.2545	-.1052	-.2553	-.1005	-.2276	-.0877
.7500	-.2300	-.1090	-.2017	-.1106	-.1663	-.0924	-.1521	-.0739
.9000	-.0728	-.0634	-.0320	-.0283	-.0135	-.0104	.0014	-.0027
.9500	-.0123	-.0027	.0411	.0309	.0527	.0457	.0573	.0446

X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.4728	.1808	-.5534	.2001	-.5527	.2136		
.0500	-.4744	.1443	-.5301	.1673	-.5544	.1889	-.4852	.2275
.1000	-.5284	.1028	-.5143	.1217	-.5652	.1534	-.4778	.1575
.1500	-.4886	.0656	-.5217	.0879	-.5632	.1038	******	.1102
.2250	-.2548	.0189	-.5281	.0355	-.5723	.0693	-.4491	.0588
.3000	-.2332	-.0125	-.4677	******	-.5595	.0291	-.4302	.0041
.4500	-.2413	-.0497	-.2467	-.0264	-.4427	-.0037	-.4350	******
.6000	-.2018	-.0629	-.1606	-.0497	-.1411	-.0463	-.4103	-.0615
.7500	-.1134	-.0581	-.0830	-.0510	-.0017	-.0453	-.3250	-.0311
.9000	.0156	.0054	.0325	.0183	.0654	.0341	-.1229	.0230
.9500	.0657	.0470	.0805	.0662				

TABLE VI.- TEST DATA

(b) Continued

CONFIG 4 MACH .90 ALPHA 8.62

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.4232	.3079	-.4417	.2578	-.4754	.2420	-.5965	.2117
.0250	-.4609	.2833	-.4434	.2504	-.4903	.2440	-.6073	.2366
.0500	-.4410	.2369	-.4693	.2218	-.5115	.2282	-.6248	.2292
.1000	-.1686	.2023	-.4855	.1895	-.5992	.1919	-.6669	.1969
.1500	-.1018	.1727	-.1079	.1590	-.6315	.1620	-.7752	.1724
.2250	-.1237	.1368	-.1436	.1264	-.2232	.1253	-.8136	.1307
.3000	-.1440	.1109	-.2077	.0948	-.2306	.0921	-.5756	.0964
.4500	*******	.0521	-.3021	.0343	-.3517	.0309	-.3459	.0376
.6000	-.2859	-.0010	-.3807	-.0128	-.4127	-.0259	-.2633	-.0027
.7500	-.3635	-.0384	-.2788	-.0479	-.2013	-.0394	-.1794	-.0246
.9000	-.0968	-.0408	-.0472	-.0243	-.0300	-.0088	-.0145	.0050
.9500	-.0199	-.0158	.0192	-.0080	.0353	.0309	.0491	.0446
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.7180	.2301	-.8161	.2207	-.7008	.2285		
.0500	-.7207	.2301	-.8337	.2332	-.7038	.2423	-.4906	.2609
.1000	-.7676	.2075	-.8340	.2095	-.7035	.2413	-.4781	.2359
.1500	-.8104	.1764	-.8337	.1920	-.6859	.2058	*******	.2001
.2250	-.9001	.1369	-.8286	.1237	-.6768	.1747	-.4484	.1500
.3000	-.9632	.1048	-.8620	*******	-.6913	.1359	-.4130	.1041
.4500	-.7713	.0517	-.8812	.0723	-.8033	.0926	-.3580	*******
.6000	-.1657	.0162	-.8263	.0331	-.8799	.0301	-.2973	-.0433
.7500	-.1050	-.0027	-.2635	.0081	-.9595	-.0071	-.2625	-.0902
.9000	.0153	.0291	.0515	.0379	-.5253	-.0186	-.4484	-.1906
.9500	-.0678	.0571	.0850	.0747				

TABLE VI.- TEST DATA

(b) Continued

CONFIG 4 MACH .90 ALPHA 12.91

X/C	CP UPPER SURFACE (Sta 1)	CP LOWER SURFACE (Sta 1)	CP UPPER SURFACE (Sta 2)	CP LOWER SURFACE (Sta 2)	CP UPPER SURFACE (Sta 3)	CP LOWER SURFACE (Sta 3)	CP UPPER SURFACE (Sta 4)	CP LOWER SURFACE (Sta 4)
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.8760	.3192	-.7800	.2352	-.7614	.2211	-.8052	.1787
.0250	-.9434	.3118	-.7978	.2735	-.7749	.2698	-.8288	.2513
.0500	-1.0496	.2762	-.8979	.2822	-.7944	.2940	-.8558	.2889
.1000	-.6606	.2624	-.9784	.2674	-.8531	.2788	-.9030	.2785
.1500	-.2060	.2463	-.8646	.2463	-.8683	.2614	-.9609	.2637
.2250	-.2218	.2241	-.2575	.2194	-.9427	.2285	-.9609	.2251
.3000	-.2191	.2016	-.2660	.1925	-.7540	.1942	-1.0648	.1959
.4500	*******	.1481	-.3725	.1313	-.4284	.1256	-1.0125	.1313
.6000	-.3644	.0917	-.4678	.0746	-.4978	.0396	-.6640	.0712
.7500	-.4341	.0426	-.5194	.0215	-.3502	.0198	-.2879	.0285
.9000	-.2049	-.0084	-.0815	-.0064	-.0526	-.0010	-.0732	.0040
.9500	-.0924	-.0131	-.0159	.0037	.0052	.0154	-.0047	.0135

X/C	CP UPPER SURFACE (Sta 5)	CP LOWER SURFACE (Sta 5)	CP UPPER SURFACE (Sta 6)	CP LOWER SURFACE (Sta 6)	CP UPPER SURFACE (Sta 7)	CP LOWER SURFACE (Sta 7)	CP UPPER SURFACE (Sta 8)	CP LOWER SURFACE (Sta 8)
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.8863	.2230	-.9538	.1899	-.8330	.1872		
.0500	-.8867	.2652	-.9885	.2466	-.8327	.2334	-.4455	.2490
.1000	-.9288	.2740	-1.0007	.2584	-.8084	.2713	-.4233	.2497
.1500	-.9578	.2551	-1.0027	.2540	-.7693	.2513	*******	.2387
.2250	-.9942	.2203	-.9959	.1757	-.7207	.2294	-.3767	.1885
.3000	-1.0263	.1915	-.9373	*******	-.6739	.1942	-.3518	.1419
.4500	-1.1706	.1314	-.9268	.1368	-.6491	.1449	-.3913	*******
.6000	-1.0603	.0804	-1.1042	.0801	-.6128	.0551	-.4604	-.0618
.7500	-.5993	.0287	-1.0792	.0159	-.6432	-.0395	-.4118	-.1554
.9000	-.1822	-.0007	-.7005	-.0598	-.8701	-.1757	-.4111	-.2854
.9500	-.0925	-.0084	-.5501	-.1169				

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TABLE VI.- TEST DATA

(b) Continued

CONFIG 4   MACH .90   ALPHA 17.25

X/C	CP UPPER SURFACE Station 1	CP LOWER SURFACE Station 1	CP UPPER SURFACE Station 2	CP LOWER SURFACE Station 2	CP UPPER SURFACE Station 3	CP LOWER SURFACE Station 3	CP UPPER SURFACE Station 4	CP LOWER SURFACE Station 4
.0125	-1.0678	.3542	-1.2389	.1964	-.8397	.1763	-1.0331	.1151
.0250	-1.1476	.3660	-1.3116	.2662	-.8788	.2568	-1.0600	.2340
.0500	-1.2352	.3391	-1.2968	.2998	-1.0129	.3392	-1.0475	.3028
.1000	-1.2493	.3297	-1.3231	.3159	-1.1664	.3216	-1.0422	.3206
.1500	-.8108	.3129	-1.4255	.3099	-1.0324	.3200	-1.0364	.3203
.2250	-.4150	.2948	-.7427	.2924	-1.0129	.2975	-1.0745	.2948
.3000	-.2762	.2800	-.4547	.2699	-1.0425	.2753	-1.1789	.2699
.4500	*******	.2353	-.4605	.2165	-.7700	.2108	-1.2183	.2058
.6000	-.4258	.1739	-.5693	.1524	-.6929	.1047	-1.0607	.1336
.7500	-.5948	.1114	-.6289	.0832	-.4665	.0691	-.6599	.0638
.9000	-.3385	.0235	-.1981	.0094	-.1691	.0027	-.3190	-.0215
.9500	-.1752	-.0135	-.1162	-.0041	-.1331	-.0219	-.2767	-.0584

X/C	Station 5 Upper	Station 5 Lower	Station 6 Upper	Station 6 Lower	Station 7 Upper	Station 7 Lower	Station 8 Upper	Station 8 Lower
.0125								
.0250	-.9865	.2026	-1.0320	.1543	-.8312	.1442		
.0500	-.9896	.2795	-1.0607	.2437	-.8086	.2174	-.4193	.2302
.1000	-1.0340	.3163	-1.0741	.2826	-.7705	.2832	-.4052	.2512
.1500	-1.0661	.3065	-1.0910	.2930	-.7378	.2782	*******	.2431
.2250	-1.0971	.2856	-1.0971	.2137	-.7061	.2633	-.3728	.2113
.3000	-1.1186	.2583	-1.0057	*******	-.6724	.2350	-.3559	.1654
.4500	-1.2046	.1958	-.8982	.1887	-.5959	.1813	-.3768	*******
.6000	-1.2005	.1300	-.9501	.1155	-.5834	.0760	-.4193	-.0550
.7500	-.9592	.0503	-1.1537	.0209	-.5642	-.0429	-.3920	-.1566
.9000	-.6451	-.0547	-.9912	-.1205	-.5598	-.2036	-.4041	-.2863
.9500	-.5541	-.1198	-.8979	-.2133				

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TABLE VI.- TEST DATA

(b) Continued

CONFIG 5   MACH .90   ALPHA -.01

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1999	.1170	.1403	.0913	.1028	.0755	.0789	.0546
.0250	.1635	.0961	.1167	.0741	.0769	.0481	.0448	.0104
.0500	.1133	.0668	.0786	.0604	.0381	.0234	.0155	-.0064
.1000	.0709	.0604	.0280	.0244	-.0051	-.0082	-.0317	-.0339
.1500	.0354	.0296	-.0128	-.0047	-.0382	-.0441	-.0561	-.0708
.2250	-.0108	-.0003	-.0510	-.0461	-.0727	-.0833	-.1018	-.1012
.3000	-.0429	-.0248	-.0855	-.0789	-.1157	-.1137	-.1333	-.1374
.4500	-.1022	*******	-.1458	-.1357	-.1678	-.1587	-.1708	-.1692
.6000	-.1586	-.1245	-.1783	-.1753	-.1668	-.1780	-.1647	-.1644
.7500	-.1688	-.1655	-.1637	-.1499	-.1387	-.1330	-.1160	-.1158
.9000	-.0700	-.0589	-.0334	-.0224	-.0132	-.0068	-.0007	.0083
.9500	.0111	.0162	.0384	.0446	.0556	.0580	.0655	.0632

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.0271	-.0020	.0271	-.0037	.0187	.0014		
.0500	-.0068	-.0220	-.0108	-.0434	-.0149	-.0224	.0224	-.0098
.1000	-.0457	-.0643	-.0552	-.0708	-.0329	-.0674	-.0352	-.0491
.1500	-.0769	-.0887	-.0776	-.0924	-.0698	-.0796	-.0705	*******
.2250	-.1132	-.1209	-.0966	-.1138	-.0861	-.1019	-.0908	-.0989
.3000	-.1366	-.1446	*******	-.1371	-.1098	-.1212	-.1118	-.1111
.4500	-.1519	-.1628	-.1352	-.1490	-.1166	-.1317	*******	-.1144
.6000	-.1403	-.1483	-.1240	-.1324	-.1172	-.1263	-.0823	-.0874
.7500	-.0972	-.0999	-.0884	-.0867	-.0722	-.0731	-.0386	-.0264
.9000	.0102	.0106	.0183	.0167	.0265	.0238	.0468	.0527
.9500	.0648	.0663	.0732	.0676				

TABLE VI.- TEST DATA

(b) Continued

CONFIG	MACH	ALPHA
5	.90	4.28

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1021	.2211	-.1224	.2252	-.2208	.2112	-.2919	.2108
.0250	.0893	.1841	.0307	.1769	-.0788	.1629	-.1677	.1461
.0500	.0526	.1670	.0216	.1468	-.0392	.1193	-.0872	.0953
.1000	.0165	.1258	-.0392	.0888	-.0835	.0614	-.1278	.0477
.1500	-.0189	.0844	-.0757	.0532	-.1136	.0182	-.1532	-.0085
.2250	-.0642	.0474	-.1085	.0052	-.1498	-.0292	-.2097	-.0437
.3000	-.0991	.0162	-.1474	-.0319	-.1911	-.0657	-.2557	-.0691
.4500	-.1623	*******	-.2080	-.0877	-.2671	-.1005	-.3223	-.0853
.6000	-.2164	-.0867	-.2594	-.1178	-.2530	-.1096	-.2658	-.0961
.7500	-.2350	-.1151	-.2215	-.1015	-.1826	-.0863	-.1589	-.0704
.9000	-.0777	-.0427	-.0317	-.0143	-.0101	.0032	-.0000	.0062
.9500	.0172	.0141	.0458	.0395	.0603	.0542	.0637	.0547

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.4780	.2184	-.7571	.2924	-.7161	.2635		
.0500	-.2618	.1824	-.7845	.2296	-.7367	.2323	-.5782	.2330
.1000	-.2341	.0044	-.7862	.1620	-.7269	.1634	-.5664	.1810
.1500	-.2747	.0374	-.6619	.1280	-.7418	.1379	-.5501	*******
.2250	-.3116	-.0166	-.4209	.0810	-.7445	.0893	-.5305	.0757
.3000	-.3374	-.0555	*******	.0394	-.7147	.0513	-.5091	.0126
.4500	-.3093	-.0921	-.2673	-.0125	-.4878	.0034	*******	-.0528
.6000	-.2385	-.1059	-.2073	-.0427	-.0732	-.0413	-.4668	-.0589
.7500	-.1382	-.0900	-.1223	-.0420	-.0403	-.0383	-.3604	-.0166
.9000	.0122	-.0210	.0248	.0170	.0366	.0398	-.1748	.0214
.9500	.0634	.0245	.0847	.0639				

TABLE VI.- TEST DATA

(b) Continued

CONFIG 5	MACH .90	ALPHA 8.49

	STATION 1		STATION 2		STATION 3		STATION 4	
X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
.0125	.0229	.1986	-.0791	.1951	.1075	.0313	-.4266	.1375
.0250	.0131	.1622	.0273	.1540	.0775	-.0171	-.3992	.1149
.0500	-.0651	.1396	.0259	.1146	.0236	-.0434	-.3745	.0964
.1000	-.0209	.1060	-.0277	.0621	-.0436	-.0674	-.3857	.0727
.1500	-.0436	.0751	-.0629	.0230	-.1163	-.0502	-.4090	.0491
.2250	-.0690	.0494	-.1004	-.0194	-.2297	-.0157	-.4483	.0306
.3000	-.0970	.0203	-.1610	-.0238	-.3288	.0025	-.4662	.0158
.4500	-.1772	*******	-.3068	-.0143	-.4296	.0059	-.5112	-.0020
.6000	-.3019	-.0238	-.4012	-.0201	-.4195	-.0143	-.3914	-.0231
.7500	-.3663	-.0363	-.3830	-.0225	-.2246	-.0245	-.3830	-.0221
.9000	-.1004	-.0095	-.0355	.0131	-.0297	.0038	-.0395	.0004
.9500	.0030	.0162	.0327	.0364	.0293	.0275	.0190	.0204

	STATION 5		STATION 6		STATION 7		STATION 8	
X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
.0125								
.0250	-1.0128	.3139	-1.0338	.2986	-.8891	.2629		
.0500	-1.0670	.3146	-1.0758	.2935	-.9104	.2836	-.4927	.2718
.1000	-1.1222	.2928	-1.0998	.2768	-.8891	.2439	-.4750	.2531
.1500	-1.1266	.2593	-1.1202	.2470	-.8705	.2391	-.4628	*******
.2250	-.9542	.2104	-.9755	.2093	-.8393	.1933	-.4513	.1648
.3000	-.7298	.1688	*******	.1573	-.8118	.1580	-.4388	.0972
.4500	-.5137	.1067	-1.0419	.0978	-.8152	.0917	*******	.0061
.6000	-.2565	.0496	-.7617	.0449	-.8074	.0316	-.3476	-.0623
.7500	-.1149	.0167	-.1484	.0065	-.6766	-.0187	-.3863	-.1077
.9000	.0034	.0214	.0400	.0133	-.4683	-.0721	-.4056	-.2058
.9500	.0336	.0323	.0685	.0394				

TABLE VI. - TEST DATA

(b) Continued

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.0630	.0261	.1940	-.3532	-.2072	-.0856	-.9686	.2101
.0250	.0502	.0014	.1496	-.2458	-.2430	-.0549	-.9990	.2686
.0500	.0118	-.0030	.0943	-.0941	-.2964	.0038	-1.0318	.3121
.1000	-.0010	.0018	-.0051	-.0576	-.3854	.0617	-1.0798	.3115
.1500	-.0179	.0220	-.0892	-.0302	-.4442	.1093	-1.0514	.3070
.2250	-.0648	.0443	-.2069	.0179	-.5088	.1422	-.9824	.2697
.3000	-.1345	.0573	-.3171	.0744	-.5389	.1487	-.9033	.2378
.4500	-.3042	******	-.4540	.1100	-.5761	.1364	-.7924	.1669
.6000	-.4361	.0782	-.5250	.0833	-.5247	.0915	-.5453	.1111
.7500	-.5135	.0607	-.4824	.0415	-.2853	.0425	-.3161	.0741
.9000	-.1369	.0330	-.0774	.0148	-.0997	.0169	-.1534	.0145
.9500	-.0341	.0306	-.0054	.0223	-.0402	.0196	-.0890	.0027

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-1.0445	.3014	-1.0607	.2702	-.6606	.2424		
.0500	-1.0743	.3292	-1.0861	.3024	-.6528	.2875	-.4340	.2529
.1000	-1.0949	.3510	-1.0645	.3106	-.6375	.2729	-.4280	.2559
.1500	-1.1305	.3252	-1.0191	.3041	-.6277	.2827	-.4208	******
.2250	-1.1840	.2872	-.8471	.2753	-.6074	.2515	-.4154	.1911
.3000	-1.2270	.2512	******	.2335	-.5905	.2152	-.4056	.1175
.4500	-1.1637	.1802	-.8007	.1599	-.5559	.1371	******	.0126
.6000	-.9358	.1063	-.7814	.0900	-.4842	.0418	-.3437	-.0873
.7500	-.5966	.0424	-.8200	.0707	-.4368	-.0606	-.3098	-.1566
.9000	-.3260	-.0234	-.6944	-.1025	-.4889	-.2080	-.2800	-.2293
.9500	-.2516	-.0670	-.6196	-.1931				

TABLE VI.- TEST DATA

(b) Continued

CONFIG 5   MACH .90   ALPHA 16.89

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.1641	-.5987	-.3049	-.1698	-.7807	.1156	-.9262	.1873
.0250	-.1282	-.5466	-.3109	-.1184	-.8179	.2185	-.9329	.2912
.0500	-.1468	-.3660	-.3397	-.0210	-.8653	.3121	-.9607	.3615
.1000	-.1495	-.2689	-.3532	.1334	-.9211	.3748	-.9939	.3947
.1500	-.1739	-.1049	-.3915	.2322	-.9346	.3882	-1.0389	.3934
.2250	-.2233	.1173	-.4311	.3179	-.9262	.3776	-1.1120	.3618
.3000	-.2890	.2022	-.4717	.3577	-.9018	.3604	-1.1533	.3213
.4500	-.3952	*******	-.5377	.3443	-.8626	.2853	-1.1962	.2473
.6000	-.5005	.2596	-.5993	.2452	-.6859	.2168	-1.0104	.1815
.7500	-.5607	.1876	-.4937	.1581	-.4910	.1269	-.8169	.1012
.9000	-.2233	.0830	-.1752	.0666	-.2761	.0347	-.5512	-.0234
.9500	-.1255	.0309	-.0910	.0426	-.1999	.0021	-.4860	-.1074

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-1.0346	.2721	-1.0414	.2327	-.6083	.2096		
.0500	-1.0594	.3312	-1.0024	.3037	-.6076	.2742	-.4002	.2487
.1000	-1.0685	.3764	-.9201	.3374	-.5815	.2912	-.4138	.2429
.1500	-1.0983	.3615	-.8540	.3411	-.5764	.3020	-.3989	*******
.2250	-1.1271	.3374	-.7205	.3166	-.5622	.2806	-.3962	.1998
.3000	-1.1197	.2956	*******	.2850	-.5426	.2419	-.3816	.1417
.4500	-1.0204	.2276	-.6700	.2011	-.5114	.1644	*******	.0279
.6000	-.9984	.1376	-.6120	.1108	-.4680	.0635	-.3552	-.0708
.7500	-.9882	.0455	-.6225	.0017	-.4389	-.0620	-.3372	-.1571
.9000	-.8770	-.0925	-.7252	-.1595	-.4389	-.2157	-.3257	-.2472
.9500	-.7808	-.1994	-.7832	-.2624				

TABLE VI.- TEST DATA

(b) Continued

CONFIG 6 MACH .90 ALPHA -.01

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1634	.0747	.1237	.0674	.1116	.0445	.0827	.0315
.0250	.1332	.0640	.1063	.0496	.0736	.0360	.0477	-.0071
.0500	.0915	.0541	.0736	.0394	.0380	.0110	.0138	-.0166
.1000	.0598	.0240	.0249	.0028	-.0044	-.0311	-.0357	-.0453
.1500	.0265	-.0006	-.0118	-.0237	-.0371	-.0574	-.0563	-.0797
.2250	-.0135	-.0240	-.0550	-.0554	-.0739	-.0932	-.1009	-.1141
.3000	-.0489	-.0459	-.0860	-.0864	-.1137	-.1249	-.1242	-.1451
.4500	-.1096	*******	-.1464	-.1478	-.1684	-.1694	-.1684	-.1802
.6000	-.1593	-.1407	-.1778	-.1846	-.1626	-.1869	-.1609	-.1711
.7500	-.1660	-.1724	-.1576	-.1576	-.1312	-.1343	-.1127	-.1211
.9000	-.0671	-.0604	-.0280	-.0240	-.0067	-.0051	.0033	.0076
.9500	.0151	.0141	.0454	.0469	.0582	.0599	.0649	.0654
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.0250	-.0081	.0244	-.0173	.0193	-.0057		
.0500	-.0064	-.0247	-.0078	-.0416	-.0020	-.0301	.0345	-.0210
.1000	-.0439	-.0699	-.0541	-.0750	-.0355	-.0669	-.0318	-.0493
.1500	-.0774	-.0962	-.0767	-.0973	-.0700	-.0760	-.0666	*******
.2250	-.1098	-.1276	-.0946	-.1185	-.0842	-.1108	-.0913	-.0976
.3000	-.1359	-.1546	*******	-.1371	-.1092	-.1263	-.1109	-.1155
.4500	-.1545	-.1681	-.1403	-.1402	-.1159	-.1347	*******	-.1145
.6000	-.1409	-.1546	-.1284	-.1371	-.1190	-.1216	-.0821	-.0892
.7500	-.0946	-.0993	-.0896	-.0868	-.0733	-.0746	-.0355	-.0264
.9000	.0108	.0125	.0186	.0176	.0274	.0278	.0480	.0525
.9500	.0636	.0691	.0744	.0708				

TABLE VI.- TEST DATA

(b) Continued

	CONFIG 6			MACH .90			ALPHA 4.12	

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.3500	.2860	-.3770	.2774	-.4310	.2606	-.4867	.2466
.0250	-.3169	.2500	-.3922	.2466	-.4343	.2306	-.4954	.2104
.0500	-.1518	.2220	-.4256	.2107	-.4472	.1909	-.4991	.1775
.1000	-.0715	.1786	-.2852	.1567	-.4654	.1334	-.5157	.1327
.1500	-.1032	.1300	-.1026	.1360	-.3868	.0965	-.5008	.0852
.2250	-.1383	.0931	-.1657	.0647	-.2139	.0438	-.4283	.0363
.3000	-.1667	.0664	-.2089	.0250	-.2220	.0055	-.3240	-.0030
.4500	-.2251	*******	-.2690	-.0416	-.2966	-.0558	-.2939	-.0548
.6000	-.2703	-.0581	-.2949	-.0915	-.2565	-.0915	-.2423	-.0804
.7500	-.2561	-.1020	-.2173	-.0949	-.1775	-.0831	-.1525	-.0625
.9000	-.0762	-.0490	-.0283	-.0220	-.0108	.0004	-.0074	.0120
.9500	.0134	.0007	.0484	.0346	.0632	.0527	.0626	.0630

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.5455	.2162	-.5820	.2213	-.5516	.2382		
.0500	-.5624	.1962	-.5905	.1762	-.5574	.2047	-.4509	.2186
.1000	-.5699	.1254	-.5901	.1240	-.5513	.1433	-.4384	.1667
.1500	-.5871	.0759	-.5966	.0993	-.5472	.1203	-.4205	*******
.2250	-.5570	.0366	-.5225	.0600	-.5459	.0715	-.3978	.0671
.3000	-.4823	-.0003	*******	.0186	-.5516	.0434	-.3711	.0078
.4500	-.2778	-.0395	-.4117	-.0264	-.5506	-.0064	*******	-.0510
.6000	-.1940	-.0649	-.1788	-.0463	-.4627	-.0385	-.3045	-.0561
.7500	-.1193	-.0493	-.0791	-.0358	-.2126	-.0325	-.3167	-.0284
.9000	.0135	.0254	.0342	.0336	.0612	.0403	-.3248	-.0473
.9500	.0646	.0695	.0837	.0746				

TABLE VII.- TEST DATA

(b) Continued

CONFIG	MACH	ALPHA
6	.90	8.23

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.6988	.4011	-.7163	.3495	-.7443	.3019	-.7865	.2637
.0250	-.7346	.3792	-.7119	.3443	-.7447	.3112	-.7939	.2770
.0500	-.8182	.3529	-.7443	.3300	-.7555	.2941	-.8004	.2743
.1000	-.6536	.3119	-.8803	.2814	-.7977	.2565	-.8189	.2428
.1500	-.1113	.2647	-.9336	.2411	-.8753	.2165	-.8466	.2038
.2250	-.2267	.2196	-.6623	.1850	-.9438	.1686	-.9043	.1607
.3000	-.2598	.1833	-.1906	.1481	-.9242	.1266	-.9387	.1177
.4500	-.3286	*******	-.3371	.0743	-.3691	.0592	-.9481	.0554
.6000	-.3779	.0387	-.4093	.0117	-.3290	.0086	-.6833	.0158
.7500	-.4093	-.0190	-.3799	-.0193	-.1548	-.0139	-.0506	.0127
.9000	-.0931	-.0146	-.0185	.0042	.0070	.0332	.0471	.0640
.9500	.0074	.0083	.0602	.0466	.0814	.0848	.1025	.1128
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.8441	.2629	-.8826	.2541	-.6995	.2507		
.0500	-.8495	.2581	-.8978	.2497	-.6819	.2666	-.3984	.2652
.1000	-.8529	.2304	-.9002	.2270	-.6501	.2321	-.3805	.2412
.1500	-.8664	.1951	-.8884	.2100	-.6241	.2246	-.3663	*******
.2250	-.8094	.1602	-.7610	.1748	-.5859	.1856	-.3447	.1545
.3000	-.9195	.1196	*******	.1328	-.5535	.1508	-.3257	.0867
.4500	-.9070	.0654	-.8451	.0857	-.5140	.0918	*******	-.0108
.6000	-.8235	.0291	-.8877	.0485	-.4606	.0339	-.2835	-.0834
.7500	-.6282	.0237	-.8735	.0302	-.5227	-.0304	-.2538	-.1378
.9000	-.0585	.0813	-.7694	.0207	-.6981	-.1553	-.2700	-.2221
.9500	.1031	.1243	-.5886	-.0348				

TABLE VI. - TEST DATA

(b) Continued

CONFIG 6   MACH .90   ALPHA 12.38

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-1.0117	.4750	-1.0029	.3714	-.9996	.2972	-1.0097	.2367
.0250	-1.0144	.4750	-1.0097	.3950	-1.0158	.3440	-1.0306	.2876
.0500	-1.1009	.4699	-1.0124	.4128	-1.0164	.3622	-1.0320	.3194
.1000	-1.1551	.4299	-1.1386	.3800	-1.0299	.3423	-1.0455	.3088
.1500	-.994B	.3796	-1.1319	.3464	-1.0731	.3153	-1.0509	.2887
.2250	-.3347	.3369	-1.1686	.2941	-1.1167	.2692	-1.0823	.2500
.3000	-.3411	.2955	-1.1244	.2541	-1.1761	.2281	-1.1076	.2124
.4500	-.4252	******	-.4626	.1710	-1.2625	.1536	-1.2365	.1461
.6000	-.4782	.1338	-.4741	.0948	-.7640	.0859	-1.2426	.0838
.7500	-.5106	.0531	-.4748	.0411	-.3584	.0390	-.8889	.0630
.9000	-.1515	.0076	-.0313	.0127	.0343	.0425	-.1640	.0623
.9500	-.0745	-.00BB	.0424	.0274	.0972	.0767	-.0095	.0898

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-1.0446	.2646	-1.0811	.2422	-.6222	.2395		
.0500	-1.0690	.2672	-1.0977	.2666	-.6134	.2863	-.3197	.2714
.1000	-1.0666	.2975	-1.1007	.2775	-.5674	.2670	-.3038	.2626
.1500	-1.0767	.2704	-1.0882	.2738	-.5620	.2748	-.2259	******
.2250	-1.0609	.2446	-.8925	.2483	-.5252	.2480	-.2626	.1958
.3000	-1.1142	.2090	******	.2158	-.4938	.2104	-.2585	.1193
.4500	-1.0480	.1504	-.7030	.1525	-.4522	.1420	******	.0173
.6000	-1.0686	.0969	-.6306	.0952	-.4191	.0529	-.4204	-.0902
.7500	-1.1551	.0549	-.6583	.0268	-.3897	-.0561	-.5140	-.1793
.9000	-.8763	.0197	-.7513	-.1010	-.6448	-.2107	-.5428	-.3099
.9500	-.6418	-.0294	-.4383	-.2083				

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TABLE VI.- TEST DATA

(b) Continued

CONFIG	MACH	ALPHA
4	.90	16.53

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-1.2275	.5358	-1.1576	.3858	-1.1411	.2859	-1.1654	.2090
.0250	-1.2194	.5602	-1.1732	.4381	-1.1698	.3625	-1.1907	.2921
.0500	-1.2926	.5735	-1.1678	.4792	-1.1752	.4036	-1.1971	.3526
.1000	-1.3814	.5400	-1.3774	.4655	-1.1711	.4087	-1.2140	.3602
.1500	-1.4307	.4997	-1.3433	.4344	-1.2542	.3926	-1.1998	.3537
.2250	-.0544	.4494	-1.3288	.3899	-1.3510	.3526	-1.2076	.3229
.3000	-.5920	.3085	-1.3780	.3478	-1.3152	.3167	-1.1472	.2842
.4500	-.5508	*******	-1.0439	.2579	-1.2248	.2319	-.9332	.2097
.6000	-.5987	.2111	-.7027	.1755	-.8748	.1492	-.7769	.1276
.7500	-.3274	.109?	-.1387	.0917	-.6304	.0568	-.7978	.0507
.9000	-.2106	.0151	-.2865	-.0139	-.5680	-.0456	-.6858	-.0976
.9500	-.1778	-.0399	-.2555	-.0490	-.4883	-.0972	-.6473	-.1837

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-1.1093	.2592	-.6239	.2491	-.5421	.1979		
.0500	-1.0549	.2782	-.6249	.2900	-.5421	.2565	-.4512	.2091
.1000	-.9193	.3446	-.6236	.3063	-.5448	.2555	-.4573	.2240
.1500	-.8294	.3331	-.6114	.3056	-.5577	.2667	-.4610	*******
.2250	-.7689	.3063	-.5391	.2833	-.5685	.2385	-.4698	.1667
.3000	-.7263	.2673	*******	.2348	-.5655	.2030	-.4691	.1000
.4500	-.7219	.1887	-.6648	.1589	-.5567	.1166	*******	-.0179
.6000	-.7821	.0983	-.6425	.0634	-.5202	.0132	-.4350	-.1401
.7500	-.7179	-.0041	-.6023	-.0503	-.4952	-.1118	-.4137	-.2208
.9000	-.6736	-.1510	-.5742	-.2019	-.4678	-.2644	-.3884	-.3005
.9500	-.6310	-.2448	-.5631	-.3039				

TABLE VI.- TEST DATA

(b) Continued

	CONFIG 7		MACH .90		ALPHA .01	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	.1124	.1137	.0946	.0818	.0689	.0599
.0500	.0685	.0683	.0661	.0373	.0278	.0357
.1000	*******	.0219	-.0167	-.0098	-.0133	-.0327
.1500	-.0075	-.0286	-.0373	-.0354	-.0600	-.0654
.2250	-.0552	-.0647	-.0782	-.0948	-.0944	-.1093
.3000	-.0927	-.1066	-.1221	-.1296	-.1390	-.1519
.4500	-.1660	-.1709	-.1893	-.1894	-.2076	-.2117
.6000	-.2059	-.2239	-.2123	-.2432	-.2319	-.2550
.7500	-.1988	-.2046	-.1958	-.1986	-.1829	-.1921
.9000	-.0441	-.0421	-.0276	-.0259	-.0153	-.0118
.9500	.0432	.0363	.0545	.0592	.0648	.0693
.9750	.0922	.0986	.1024	.1114	.1093	.1154

X/C	STATION 4		STATION 5		STATION 6	
.0250	.0497	.0616	*******	.0251		
.0500	.0223	.0010	.0000	-.0169	.0007	-.0159
.1000	-.0309	-.0192	-.0156	-.0487	-.0698	-.0839
.1500	-.0698	-.0850	-.1080	-.1185	-.1066	-.1598
.2250	-.1177	-.1269	-.1350	-.1455	-.1468	-.1621
.3000	-.1620	-.1705	-.1739	-.1862	-.1941	-.1963
.4500	-.2194	-.2344	-.2330	-.2397	-.2431	-.2430
.6000	-.2363	-.2526	-.2374	-.2451	*******	-.2329
.7500	-.1721	-.1783	-.1614	-.1652	-.1492	-.1533
.9000	-.0061	-.0074	.0024	-.0007	.0075	.0078
.9500	.0716	.0757	.0770	.0758	.0780	.0833
.9750						

X/C	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.0213	-.0467	-.0515	-.0731		
.1000	-.0803	-.0965	-.0928	-.1097	-.1056	-.1059
.1500	-.1171	-.1334	-.1245	-.1449	-.1303	-.1577
.2250	-.1597	-.1537	-.1681	-.1940	-.1783	-.1984
.3000	-.1999	-.2024	-.1979	-.2038	-.2117	-.2139
.4500	-.2431	*******	-.2246	-.2281	-.1823	-.1831
.6000	-.2110	-.2210	-.1874	-.1858	-.1296	-.1422
.7500	-.1343	-.1496	-.1134	-.1205	-.0732	-.0806
.9000	.0132	.0163	.0271	.0274	.0332	.0386
.9500						
.9750						

TABLE VI.- TEST DATA

(b) Continued

X/C	STATION 1 CP UPPER SURFACE	STATION 1 CP LOWER SURFACE	STATION 2 CP UPPER SURFACE	STATION 2 CP LOWER SURFACE	STATION 3 CP UPPER SURFACE	STATION 3 CP LOWER SURFACE
.0250	-.9570	.4956	-.9381	.4565	-.9371	.4420
.0500	-.9709	.4380	-.9455	.4090	-.9310	.3979
.1000	******	.3602	-1.0233	.3367	-.9651	.3383
.1500	-1.0057	.3094	-1.0553	.2818	-1.0128	.2760
.2250	-.1965	.2350	-1.0131	.2208	-1.0520	.2003
.3000	-.3289	.1801	-.6225	.1606	-1.0567	.1513
.4500	-.4651	.0838	-.4134	.0673	-.6857	.0602
.6000	-.4746	-.0000	-.4702	-.0091	-.3131	-.0233
.7500	-.1759	-.0631	-.1083	-.0654	-.0921	-.0776
.9000	-.0732	-.0475	-.0867	-.0364	-.1306	-.0408
.9500	.0035	.0037	-.0061	.0316	-.0553	.0225
.9750	.0586	.0639	.0528	.0794	.0295	.0703

X/C	STATION 4 CP UPPER SURFACE	STATION 4 CP LOWER SURFACE	STATION 5 CP UPPER SURFACE	STATION 5 CP LOWER SURFACE	STATION 6 CP UPPER SURFACE	STATION 6 CP LOWER SURFACE
.0250	-.9489	.4225	******	.4087	-.8632	.3701
.0500	-.9537	.3898	-.8980	.3741	-.8530	.3014
.1000	-.9692	.3175	-.9173	.3125	-.8256	.2428
.1500	-.9925	.2676	-1.0105	.2526	-.7543	.1923
.2250	-1.0283	.2003	-1.0129	.1930	-.7040	.1324
.3000	-1.0547	.1437	-.9930	.1365	-.6330	.0369
.4500	-.9996	.0495	-.9075	.0498	******	-.0410
.6000	-.5817	-.0270	-.7198	-.0295	-.4646	-.1033
.7500	.0716	-.0796	-.4004	-.0667	-.4562	-.1608
.9000	-.1529	-.0543	-.3825	-.1039	-.4423	-.1930
.9500	-.1728	-.0283	-.3622	-.1070		
.9750						

X/C	STATION 7 CP UPPER SURFACE	STATION 7 CP LOWER SURFACE	STATION 8 CP UPPER SURFACE	STATION 8 CP LOWER SURFACE	STATION 9 CP UPPER SURFACE	STATION 9 CP LOWER SURFACE
.0250						
.0500	-.6695	.3606	-.5502	.3477	-.3105	.2543
.1000	-.6522	.3007	-.5404	.2902	-.3206	.1910
.1500	-.6320	.2529	-.5245	.2360	-.3264	.1077
.2250	-.6144	.1023	-.5164	.1679	-.3372	.0261
.3000	-.5975	.1263	-.4974	.1144	-.3511	-.0945
.4500	-.5028	******	-.4623	.0091	-.3598	-.1696
.6000	-.4629	-.0555	-.4112	-.0921	-.3487	-.2265
.7500	-.4477	-.1392	-.3849	-.1910	-.3538	-.2448
.9000	-.4153	-.2120	-.3693	-.2424		
.9500						
.9750						

TABLE VI.- TEST DATA

(b) Continued

	CONFIG 7		MACH .90		ALPHA 12.71	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-1.2523	.5851	-1.2273	.5309	-1.1590	.5029
.0500	-1.2435	.5450	-1.2313	.5127	-1.0962	.4861
.1000	******	.4827	-1.3056	.4524	-.9688	.4570
.1500	-1.3838	.4272	-1.3543	.4019	-.9060	.3865
.2250	-1.3431	.3551	-1.3192	.3343	-.9080	.3185
.3000	-.5103	.2871	-1.1327	.2717	-.6691	.2636
.4500	-.'742	.1831	-.6756	.1680	-.8039	.1498
.6000	-.6266	.0798	-.6174	.0676	-.6992	.0451
.7500	-.5191	-.0172	-.5212	-.0290	-.6073	-.0465
.9000	-.3617	-.0959	-.4421	-.1074	-.5445	-.1276
.9500	-.2090	-.0962	-.3387	-.1155	-.4706	-.1577
.9750	-.1198	-.0759	-.2401	-.1084	-.4198	-.2007

	STATION 4		STATION 5		STATION 6	
.0250	-.7462	.4794	******	.4601		
.0500	-.7087	.4683	-.5565	.4401	-.6708	.4158
.1000	-.6908	.4221	-.5947	.3971	-.6691	.3741
.1500	-.7154	.3690	-.6965	.3430	-.6681	.3294
.2250	-.8114	.3043	-.6958	.2898	-.6684	.2698
.3000	-.8039	.2403	-.6833	.2279	-.6465	.2130
.4500	-.7539	.1350	-.6674	.1243	-.6248	.1050
.6000	-.7060	.0390	-.6431	.0224	******	.0061
.7500	-.6445	-.0577	-.6147	-.0775	-.5836	-.0941
.9000	-.5776	-.1540	-.5846	-.1798	-.5599	-.2113
.9500	-.5533	-.1979	-.5701	-.2333	-.5569	-.2509
.9750						

	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.6221	.3955	-.5457	.3677		
.1000	-.6208	.3582	-.5464	.3318	-.5248	.2753
.1500	-.6140	.3118	-.5464	.2861	-.5194	.2245
.2250	-.6062	.1602	-.5569	.2255	-.5180	.1480
.3000	-.5924	.1974	-.5528	.1703	-.5140	.0657
.4500	-.5812	******	-.5444	.0559	-.5086	-.0775
.6000	-.5721	-.0115	-.5383	-.0650	-.5079	-.1771
.7500	-.5589	-.1314	-.5329	-.1893	-.4977	-.2594
.9000	-.5430	-.2421	-.5167	-.2739	-.4795	-.2698
.9500						
.9750						

TABLE VI.- TEST DATA

(b) Continued

	CONFIG 7		MACH .90		ALPHA 16.90	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-1.2781	.6510	-1.1099	.5891	-.9842	.5413
.0500	-1.2386	.6379	-1.0994	.5840	-.9565	.5510
.1000	******	.5951	-1.0697	.5476	-.9251	.5214
.1500	-1.1636	.5406	-1.0349	.5029	-.9031	.4759
.2250	-1.0649	.4706	-.9930	.4392	-.8845	.4154
.3000	-1.0156	.4022	-.9538	.3750	-.8734	.3561
.4500	-.8298	.2790	-.8764	.2629	-.8258	.2433
.6000	-.7194	.1673	-.7795	.1538	-.7608	.1336
.7500	-.6288	.0592	-.7109	.0410	-.7200	.0195
.9000	-.5336	-.0664	-.6298	-.0881	-.6626	-.1043
.9500	-.4491	-.1273	-.5700	-.1442	-.6349	-.1662
.9750	-.3714	-.1516	-.5322	-.1949	-.6173	-.2314

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 4		STATION 5		STATION 6	
.0250	-.8494	.5015	******	.4706		
.0500	-.8305	.5157	-.7424	.4827	-.7451	.4577
.1000	-.8200	.4874	-.7400	.4648	-.7349	.4411
.1500	-.8122	.4517	-.7846	.4137	-.7272	.4093
.2250	-.8025	.3948	-.7704	.3798	-.7119	.3551
.3000	-.7997	.3413	-.7606	.3159	-.7032	.2962
.4500	-.7724	.2295	-.7292	.2129	-.6724	.1869
.6000	-.7471	.1181	-.6984	.1046	******	.0829
.7500	-.7018	.0057	-.6633	-.0122	-.6220	-.0325
.9000	-.6565	-.1239	-.6362	-.1435	-.6028	-.1706
.9500	-.6406	-.1847	-.6315	-.2079	-.6024	-.2184
.9750						

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.6856	.4259	-.6258	.3907		
.1000	-.6748	.4093	-.6190	.3775	-.5768	.3119
.1500	-.6683	.3832	-.6190	.3419	-.5721	.2739
.2250	-.6606	.2207	-.6055	.3030	-.5676	.1845
.3000	-.6447	.2733	-.6038	.2400	-.5643	.1368
.4500	-.6318	******	-.5913	.1280	-.5643	-.0139
.6000	-.6055	.0599	-.5822	.0108	-.5599	-.1256
.7500	-.5977	-.0657	-.5737	-.1226	-.5514	-.2113
.9000	-.5866	-.1957	-.5676	-.2292	-.5409	-.2735
.9500						
.9750						

TABLE VI.- TEST DATA

(b) Continued

	CONFIG B		MACH .90		ALPHA .06	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	.1013	.1314	.0934	.0928	.0801	.0676
.0500	.0927	.0706	.0561	.0531	.0510	.0407
.1000	*******	.0265	-.0159	-.0007	-.0091	-.0125
.1500	-.0115	-.0078	-.0297	-.0283	-.0489	-.0556
.2250	-.0503	-.0556	-.0739	-.0749	-.0928	-.0965
.3000	-.0860	-.1005	-.1120	-.1208	-.1356	-.1377
.4500	-.1484	-.1596	-.1704	-.1755	-.1845	-.1832
.6000	-.1801	-.1873	-.1754	-.2004	-.1906	-.2102
.7500	-.1407	-.1478	-.1309	-.1383	-.1228	-.1410
.9000	.0302	.0238	.0401	.0272	.0411	.0296
.9500	.1160	.1002	.1170	.1123	.1163	.1103
.9750	.1625	.1617	.1611	.1617	.1587	.1580

X/C	STATION 4		STATION 5		STATION 6	
.0250	.0791	.0417	*******	.0436		
.0500	.0185	.0232	.0186	-.0108	.0112	-.0125
.1000	-.0213	-.0354	-.0321	-.0473	-.0585	-.0666
.1500	-.0651	-.0634	-.0895	-.0892	-.1027	-.1373
.2250	-.1124	-.1066	-.1229	-.1224	-.1304	-.1403
.3000	-.1417	-.1542	-.1560	-.1640	-.1678	-.1667
.4500	-.1970	-.2018	-.1938	-.2069	-.2036	-.2059
.6000	-.1923	-.2052	-.1877	-.1954	*******	-.1903
.7500	-.1181	-.1275	-.1104	-.1258	-.1023	-.1180
.9000	.0408	.0296	.0451	.0345	.0505	.0328
.9500	.1174	.1116	.1179	.1082	.1179	.1140
.9750						

X/C	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.0186	-.0128	-.0321	-.0287	-.0882	-.0794
.1000	-.0645	-.0659	-.0801	-.0886	-.1061	-.1193
.1500	-.0969	-.0913	-.0946	-.1204	-.1432	-.1663
.2250	-.1297	-.1312	-.1317	-.1457	-.1682	-.1748
.3000	-.1590	-.1782	-.1577	-.1788	-.1482	-.1457
.4500	-.1928	*******	-.1827	-.1907	-.1482	-.1457
.6000	-.1631	-.1761	-.1415	-.1575	-.0980	-.1092
.7500	-.0915	-.1139	-.0737	-.0930	-.0436	-.0456
.9000	.0468	.0426	.0508	.0375	.0214	-.0044
.4500						
.9750						

TABLE VI.- TEST DATA

(b) Continued

	CONFIG 8		MACH .90		ALPHA 8.64	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-.9540	.5012	-.9439	.4692	-.9405	.4558
.0500	-.9770	.4541	-.9291	.4316	-.9409	.4128
.1000	*******	.3741	-1.0282	.3549	-.9803	.3482
.1500	-1.0259	.3186	-1.0889	.3089	-1.0208	.2901
.2250	-.1969	.2581	-1.0471	.2393	-1.0697	.2296
.3000	-.3200	.2054	-.6660	.1815	-1.0802	.1738
.4500	-.4559	.1092	-.4013	.0975	-.6640	.0857
.6000	-.4374	.0319	-.3119	.0275	-.0064	.0171
.7500	-.1295	-.0125	-.1413	-.0165	-.1029	-.0266
.9000	-.0472	.0289	-.0782	.0269	-.1659	.0104
.9500	.0510	.0733	.0171	.0763	-.0378	.0608
.9750	.1228	.1324	.0913	.1270	.0376	.0951

	STATION 4		STATION 5		STATION 6	
.0250	-.9534	.4346	*******	.4256		
.0500	-.9574	.4084	-.8993	.3982	-.7424	.3855
.1000	-.9722	.3314	-.9837	.3327	-.6908	.3320
.1500	-.9915	.2823	-.9702	.2721	-.6692	.2718
.2250	-1.0343	.2228	-.9206	.2235	-.6446	.2231
.3000	-1.0589	.1758	-.8858	.1748	-.5828	.1670
.4500	-.9095	.0850	-.8511	.0855	-.5029	.0751
.6000	-.4961	.0144	-.6142	.0098	*******	-.0017
.7500	-.1271	-.0253	-.4532	-.0419	-.4836	-.0676
.9000	-.2445	-.0199	-.4124	-.0683	-.4300	-.1338
.9500	-.1740	.0020	-.3804	-.0994	-.4094	-.1663
.9750						

	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.5886	.3803	-.4357	.3726		
.1000	-.5825	.3235	-.3999	.3144	-.3220	.2654
.1500	-.5670	.2759	-.3922	.2613	-.3314	.2062
.2250	-.5440	.1312	-.3750	.1978	-.3551	.1244
.3000	-.5126	.1616	-.3841	.1413	-.3537	.0423
.4500	-.4634	*******	-.3871	.0338	-.3557	-.0750
.6000	-.4394	-.0169	-.3787	-.0662	-.3503	-.1480
.7500	-.4050	-.1044	-.3702	-.1602	-.3459	-.2014
.9000	-.3858	-.1822	-.3598	-.2160	-.3345	-.2251
.9500						
.9750						

TABLE VI.- TEST DATA

(b) Continued

	CONFIG 8		MACH .90		ALPHA 12.90	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-1.2704	.5930	-1.2411	.5463	-1.0307	.5217
.0500	-1.2630	.5624	-1.1942	.5257	-.9740	.5039
.1000	*******	.4985	-1.2971	.4713	-.9227	.4588
.1500	-1.3969	.4474	-1.3089	.4262	-.8350	.4034
.2250	-1.3753	.3839	-1.2107	.3590	-.8772	.3412
.3000	-.5521	.3153	-1.0317	.3005	-.8668	.2817
.4500	-.2395	.2101	-.7683	.1973	-.7932	.1822
.6000	-.6023	.1217	-.6013	.1082	-.7025	.0860
.7500	-.4556	.0403	-.5268	.0306	-.6175	.0121
.9000	-.2995	-.0054	-.4145	-.0327	-.5224	-.0678
.9500	-.1491	-.0135	-.3046	-.0512	-.4624	-.1035
.9750	-.0644	.0033	-.2084	-.0701	-.4108	-.1549

	STATION 4		STATION 5		STATION 6	
X/C	CP UPPER	CP LOWER	CP UPPER	CP LOWER	CP UPPER	CP LOWER
.0250	-.7356	.4965	*******	.4601		
.0500	-.7055	.4857	-.6261	.4520	-.7010	.4348
.1000	-.7561	.4363	-.7020	.4145	-.7064	.3973
.1500	-.7649	.3906	-.7189	.3665	-.6838	.3536
.2250	-.7953	.3284	-.7435	.3168	-.6737	.3006
.3000	-.7642	.2736	-.7175	.2549	-.6585	.2438
.4500	-.7494	.1728	-.6703	.1586	-.6318	.1464
.6000	-.6971	.0830	-.6477	.0663	*******	.0517
.7500	-.6384	.0013	-.6112	-.0253	-.5782	-.0480
.9000	-.5730	-.0978	-.5701	-.1359	-.5491	-.1660
.9500	-.5383	-.1468	-.5633	-.1961	-.5407	-.2130
.9750						

	STATION 7		STATION 8		STATION 9	
X/C	CP UPPER	CP LOWER	CP UPPER	CP LOWER	CP UPPER	CP LOWER
.0250						
.0500	-.6055	.4132	-.5515	.3864		
.1000	-.6038	.3766	-.5555	.3523	-.5059	.2982
.1500	-.5998	.3388	-.5606	.3134	-.5049	.2675
.2250	-.5971	.1849	-.5545	.2532	-.5039	.1765
.3000	-.5927	.2765	-.5915	.1978	-.4916	.0936
.4500	-.5802	*******	-.6365	.6959	-.4878	.0613
.6000	-.5420	.0267	-.6245	-.0539	-.4837	-.1410
.7500	-.5410	-.0855	-.5117	-.1477	-.4813	-.2211
.9000	-.5269	-.2035	-.4904	-.2326	-.4560	-.2633
.9500						
.9750						

CONFIG 8   MACH .90   ALPHA 17.21

X/C	STATION 1 CP UPPER SURFACE	STATION 1 CP LOWER SURFACE	STATION 2 CP UPPER SURFACE	STATION 2 CP LOWER SURFACE	STATION 3 CP UPPER SURFACE	STATION 3 CP LOWER SURFACE
.0250	-1.3177	.6696	-1.1332	.5990	-1.0911	.5560
.0500	-1.2573	.6626	-1.1019	.6098	-1.0725	.5708
.1000	*******	.6185	-1.1464	.5728	-1.0391	.5459
.1500	-1.2037	.5738	-1.1298	.5342	-1.0162	.5026
.2250	-1.1271	.4992	-1.0789	.4703	-.9703	.4444
.3000	-1.0698	.4434	-.9990	.4111	-.9309	.3883
.4500	-.8904	.3274	-.9147	.3046	-.8641	.2881
.6000	-.7477	.2205	-.8300	.2040	-.8293	.1896
.7500	-.6604	.1260	-.7589	.1086	-.7737	.0854
.9000	-.5568	.0269	-.6769	.0010	-.7170	-.0303
.9500	-.4486	-.0222	-.6051	-.0630	-.6853	-.1029
.9750	-.3508	-.0583	-.5541	-.1265	-.6654	-.1768

X/C	STATION 4 CP UPPER SURFACE	STATION 4 CP LOWER SURFACE	STATION 5 CP UPPER SURFACE	STATION 5 CP LOWER SURFACE	STATION 6 CP UPPER SURFACE	STATION 6 CP LOWER SURFACE
.0250	-.9113	.5116	*******	.4879		
.0500	-.8938	.5352	-.7327	.5044	-.7705	.4791
.1000	-.8570	.5116	-.7840	.4892	-.7793	.4662
.1500	-.8412	.4787	-.7867	.4473	-.7692	.4456
.2250	-.8236	.4252	-.7901	.4125	-.7672	.3919
.3000	-.8162	.3782	-.7861	.3601	-.7618	.3411
.4500	-.8162	.2740	-.7834	.2617	-.7341	.2373
.6000	-.7966	.1681	-.7597	.1576	*******	.1410
.7500	-.7555	.0706	-.7253	.0538	-.6754	.0240
.9000	-.7137	-.0603	-.6892	-.0848	-.6605	-.1186
.9500	-.7005	-.1272	-.6794	-.1582	-.6501	-.1765
.9750						

X/C	STATION 7 CP UPPER SURFACE	STATION 7 CP LOWER SURFACE	STATION 8 CP UPPER SURFACE	STATION 8 CP LOWER SURFACE	STATION 9 CP UPPER SURFACE	STATION 9 CP LOWER SURFACE
.0250						
.0500	-.7439	.4463	-.6787	.4071		
.1000	-.7364	.4351	-.6744	.4017	-.6214	.3357
.1500	-.7256	.4094	-.6679	.3750	-.6183	.2982
.2250	-.7192	.2532	-.6578	.3361	-.6116	.2390
.3000	-.7034	.3168	-.6528	.2786	-.6069	.1613
.4500	-.6811	*******	-.6389	.1795	-.6015	.0254
.6000	-.6609	.1092	-.6285	.0598	-.6021	-.0825
.7500	-.6393	-.0132	-.6217	-.0727	-.5937	-.1792
.9000	-.6247	-.1504	-.6112	-.1886	-.5903	-.2508
.9500						
.9750						

TABLE VI.- TEST DATA

(c) Mach = 0.95

	CONFIG 1		MACH .95		ALPHA -.03

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1398	.1394	.1116	.0982	.0807	.0743	.0616	.0420
.0250	.1229	.1155	.0824	.0835	.0570	.0513	.0178	.0206
.0500	.0986	.0886	.0665	.0593	.0223	.0229	-.0064	-.0087
.1000	.0760	.0500	.0175	.0181	-.0085	-.0206	-.0322	-.0539
.1500	.0272	.0213	-.0111	-.0202	-.0482	-.0529	-.0738	-.0808
.2250	-.0191	-.0177	-.0578	-.0580	-.0879	-.0888	-.1170	-.1324
.3000	-.0476	-.0548	-.0834	-.0959	-.1206	-.1308	-.1571	-.1638
.4500	******	-.1212	-.1529	-.1670	-.1868	-.2045	-.2173	-.2311
.6000	-.1302	-.1920	-.2169	-.2205	-.2461	-.2298	-.2147	-.2513
.7500	-.2307	-.2423	-.2323	-.2557	-.1212	-.1266	-.1283	-.1055
.9000	-.0697	-.0757	-.0203	-.0167	-.0048	.0079	.0201	.0168
.9500	.0145	.0184	.0515	.0561	.0671	.0743	.0777	.0805
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125			-.0194	-.0470	.0488	-.0290		
.0250	.0112	-.0255	-.0630	-.0739	.0015	-.0309	.0160	.0002
.0500	-.0486	-.0357	-.1085	-.1204	-.0425	-.0559	-.0233	-.0479
.1000	-.0713	-.0787	-.1256	-.1432	-.0649	-.0861	******	-.0807
.1500	-.1024	-.1185	-.1511	-.1567	-.0806	-.1038	-.0806	-.1105
.2250	-.1472	-.1660	-.1201	******	-.1079	-.1256	-.1666	-.1349
.3000	-.1825	-.2036	-.1380	-.1468	-.1197	-.1281	-.1066	******
.4500	-.2303	-.2578	-.1252	-.1310	-.1114	-.1262	-.0713	-.0758
.6000	-.1441	-.1371	-.0761	-.0851	-.0598	-.0720	-.0075	-.0223
.7500	-.0880	-.0925	.0340	.0307	.0436	.0423	.0684	.0657
.9000	.0269	.0249	.0829	.0891				
.9500	.0809	.0773						

TABLE VI.- TEST DATA

(c) Continued

CONFIG	MACH	ALPHA
1	.95	4.09

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.3224	.3144	-.3541	.2841	-.4022	.2678	-.4646	.2435
.0250	-.3138	.2822	-.3724	.2582	-.4130	.2391	-.4685	.2193
.0500	-.2452	.2269	-.3916	.2135	-.4384	.1960	-.4803	.1832
.1000	-.1241	.1893	-.3509	.1599	-.4566	.1385	-.4877	.1180
.1500	-.0849	.1433	-.1197	.1139	-.3391	.0982	-.4819	.0858
.2250	-.1351	.0960	-.1531	.0644	-.2097	.0500	-.4163	.0238
.3000	-.1530	.0561	-.1924	.0229	-.2270	.0002	-.3253	-.0158
.4500	*******	-.0206	-.2580	-.0539	-.2993	-.0792	-.3330	-.0843
.6000	-.2212	-.0827	-.3189	-.1129	-.3557	-.1186	-.3893	-.1122
.7500	-.3269	-.1292	-.3615	-.1392	-.3714	-.1161	-.2100	-.0802
.9000	-.1443	-.0888	-.0309	-.0424	.0210	-.0052	.0424	.0193
.9500	-.0069	-.0235	.0584	.0277	.0847	.0609	.0913	.0782

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125					-.7173	.2029		
.0250	-.5288	.2041	-.6153	.1971	-.7275	.1730	-.5355	.2334
.0500	-.5458	.1630	-.5974	.1592	-.7407	.1431	-.5192	.1688
.1000	-.5644	.1116	-.5644	.1062	-.7359	.0943	*******	.1216
.1500	-.5701	.0632	-.5512	.0721	-.7118	.0596	-.4615	.0686
.2250	-.5535	.0118	-.5419	.0217	-.6419	.0253	-.4432	.0131
.3000	-.4987	-.0296	-.5432	*******	-.4035	.0028	-.5076	*******
.4500	-.4073	-.0736	-.5124	-.0409	-.1653	-.0386	-.5169	-.0707
.6000	-.4095	-.0775	-.2752	-.0492	-.0091	-.0531	-.3512	-.0412
.7500	-.0752	-.0521	-.1262	-.0409	.0748	.0169	-.0932	-.0146
.9000	.0436	.0320	.0132	.0342				
.9500	.0913	.0744	.0481	.0760				

TABLE VI.- TEST DATA

(c) Continued

CONFIG	MACH	ALPHA
1	.95	8.19

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.6495	.4117	-.6527	.3402	-.6713	.3041	-.7119	.2623
.0250	-.6729	.3954	-.6690	.3479	-.6841	.3169	-.7257	.2866
.0500	-.7958	.3511	-.6761	.3233	-.6953	.3048	-.7289	.2818
.1000	-.7337	.3080	-.7843	.2770	-.7308	.2537	-.7430	.2374
.1500	-.1034	.2645	-.8438	.2358	-.7910	.2167	-.7737	.2048
.2250	-.1807	.2170	-.7033	.1863	-.8538	.1681	-.8227	.1509
.3000	-.2486	.1707	-.1769	.1416	-.8329	.1218	-.8576	.1132
.4500	*******	.0928	-.3056	.0641	-.4977	.0443	-.8531	.0331
.6000	-.3111	.1222	-.3895	-.0039	-.3472	-.0314	-.7641	-.0180
.7500	-.4087	-.0372	-.4468	-.0564	-.4526	-.0583	-.6018	-.0324
.9000	-.2649	-.0721	-.1350	-.0500	-.0158	-.0075	.0548	.0388
.9500	-.0901	-.0571	.0025	-.0071	.0817	.0468	.1250	.1046

	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.7667	.2564	-.8347	.2317	-.8455	.2217		
.0500	-.7910	.2542	-.8525	.2368	-.8195	.2400	-.4667	.2519
.1000	-.7920	.2249	-.8477	.2105	-.7442	.2333	-.4562	.2227
.1500	-.8115	.1832	-.8455	.1842	-.6708	.1938	*******	.1810
.2250	-.8291	.1389	-.8464	.1135	-.6106	.1633	-.4299	.1322
.3000	-.8564	.0956	-.8583	*******	-.5715	.1284	-.3982	.0744
.4500	-.8871	.0384	-.7872	.0580	-.5234	.0837	-.3745	*******
.6000	-.8910	.0054	-.6680	.0269	-.4747	.0118	-.3322	-.1320
.7500	-.6327	-.0020	-.6128	.0057	-.5161	-.0774	-.2591	-.1676
.9000	-.3879	.0599	-.5408	-.0405	-.5398	-.1920	-.2367	-.2122
.9500	-.2104	.0879	-.5074	-.1169				

TABLE VI.- TEST DATA

(c) Continued

	CONFIG 1			MACH .95					ALPHA 12.33	

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.9115	.4753	-.8690	.3627	-.8824	.3024	-.9051	.2389
.0250	-.9496	.4887	-.9080	.4045	-.9007	.3547	-.9327	.3065
.0500	-1.1128	.4523	-.8939	.4099	-.9074	.3706	-.9323	.3413
.1000	-1.0845	.4268	-.9784	.3786	-.9131	.3496	-.9371	.3193
.1500	-.9839	.3853	-.9973	.3381	-.9371	.3199	-.9455	.2963
.2250	-.3503	.3333	-1.0543	.2950	-.9605	.2720	-.9755	.2503
.3000	-.3013	.2870	-1.0706	.2500	-1.0360	.2290	-1.0027	.2121
.4500	*******	.2022	-.4469	.1674	-1.1189	.1482	-1.1304	.1361
.6000	-.3915	.1227	-.4389	.0940	-.9167	.0423	-1.1672	.0659
.7500	-.4955	.0525	-.5013	.0238	-.5560	.0110	-1.1052	.0184
.9000	-.3109	-.0269	-.1912	-.0343	-.0466	.0024	-.4712	.0264
.9500	-.1624	-.3638	-.0523	-.0269	.0560	.0398	-.2356	.0394

X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.9341	.2640	-.9959	.2290	-.6657	.2213		
.0500	-.9680	.3005	-1.0071	.2736	-.6545	.2543	-.4072	.2543
.1000	-.9712	.2992	-1.0116	.2707	-.6314	.2803	-.3960	.2460
.1500	-.9795	.2720	-1.0116	.2614	-.6145	.2521	*******	.2203
.2250	-.9955	.2312	-1.0026	.1728	-.5981	.2255	-.3707	.1751
.3000	-1.0170	.1966	-.8537	*******	-.5706	.1905	-.3371	.1205
.4500	-1.0631	.1302	-.7470	.1327	-.5129	.1340	-.3381	*******
.6000	-.8851	.0727	-.6599	.0746	-.4457	.0368	-.4281	-.1075
.7500	-.9469	.0288	-.5414	-.0024	-.4806	-.0819	-.4937	-.1944
.9000	-.9843	-.0299	-.4697	-.1223	-.5875	-.2086	-.5020	-.3032
.9500	-.8755	-.0973	-.5414	-.2002				

TABLE VI.- TEST DATA

(c) Continued

	CONFIG		MACH		ALPHA	
	1		.95		16.49	

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-1.1019	.5305	-1.0225	.3821	-1.0157	.3049	-1.0372	.2251
.0250	-1.1313	.5703	-1.0638	.4552	-1.0532	.3843	-1.0721	.3272
.0500	-1.2686	.5550	-1.0395	.4753	-1.0702	.4277	-1.0820	.3831
.1000	-1.2625	.5426	-1.2151	.4705	-1.0455	.4229	-1.0955	.3834
.1500	-1.2791	.5021	-1.2334	.4437	-1.0807	.4063	-1.0910	.3767
.2250	-.9531	.4507	-1.1966	.4054	-1.2078	.3668	-1.0884	.3416
.3000	-.5576	.4076	-1.2215	.3614	-1.1847	.3294	-1.1831	.3055
.4500	******	.3116	-1.0123	.2762	-1.2011	.2414	-1.1713	.2242
.6000	-.5102	.2251	-.7112	.1916	-1.2599	.1166	-1.0625	.1403
.7500	-.6014	.1425	-.6526	.1023	-1.0763	.0745	-.9895	.0522
.9000	-.4246	.0267	-.2696	-.0126	-.4686	-.0209	-.9934	-.0491
.9500	-.3009	-.0443	-.1710	-.0564	-.3873	-.0526	-.8411	-.1095

X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-1.0790	.2636	-1.0691	.2123	-.6435	.1908	-.4213	.2338
.0500	-1.0952	.3262	-1.0854	.2825	-.6426	.2485	-.4062	.2437
.1000	-1.1098	.3406	-1.3470	.3076	-.6269	.2967	******	.2302
.1500	-1.1264	.3345	-1.0022	.3085	-.6182	.2758	-.3787	.1953
.2250	-1.1264	.3044	-.9160	.2116	-.6086	.2575	-.3614	.1433
.3000	-1.0957	.2710	-.8424	******	-.5926	.2219	-.3713	******
.4500	-1.0227	.2036	-.7659	.1799	-.5401	.1645		
.6000	-.9590	.1234	-.6778	.0961	-.4911	.0560	-.3938	-.0986
.7500	-.7886	.0336	-.6192	-.0030	-.5225	-.0710	-.4024	-.1829
.9000	-.7719	-.0915	-.5984	-.1447	-.5359	-.2140	-.4111	-.2782
.9500	-.8395	-.1704	-.5792	-.2268				

TABLE VI.- TEST DATA

(c) Continued

CONFIG	MACH	ALPHA
2	.95	.00

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1885	.1901	.1143	.1190	.0735	.0904	.0475	.0658
.0250	.1739	.1806	.0988	.1095	.0518	.0693	.0129	.0375
.0500	.1526	.1439	.0809	.0875	.0313	.0429	-.0075	.0139
.1000	.1114	.1044	.0394	.0429	-.0037	.0011	-.0337	-.0321
.1500	.0582	.0604	.0022	.0027	-.0363	-.0337	-.0724	-.0531
.2250	.0080	.0084	-.0414	-.0391	-.0772	-.0781	-.1146	-.1175
.3000	-.0334	-.0330	-.0769	-.0807	-.1168	-.1175	-.1498	-.1540
.4500	*******	-.1079	-.1456	-.1536	-.1805	-.1923	-.2092	-.2266
.6000	-.1574	-.1731	-.2076	-.2125	-.2374	-.2243	-.1690	-.2390
.7500	-.2204	-.2294	-.2044	-.2413	-.1236	-.1290	-.1152	-.1121
.9000	-.0647	-.0740	-.0193	-.0203	.0070	.0021	.0216	.0126
.9500	.0142	.0139	.0475	.0477	.0650	.0636	.0711	.0704

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125					.0361	-.0181		
.0250	-.0117	.0152	-.0159	-.0437	.0037	-.0357		
.0500	-.0143	-.0187	-.0568	-.0722	-.0434	-.0549	.0159	-.0021
.1000	-.0747	-.0639	-.1090	-.1161	-.0626	-.0889	-.0232	-.0536
.1500	-.1102	-.1078	-.1202	-.1392	-.0840	-.1071	*******	-.0844
.2250	-.1457	-.1590	-.1387	-.1504	-.1093	-.1251	-.0821	-.1081
.3000	-.1934	-.1978	-.1227	*******	-.1189	-.1289	-.1064	-.1382
.4500	-.1819	-.2385	-.1528	-.1459	-.1144	-.1280	-.1106	*******
.6000	-.1432	-.1449	-.1253	-.1324			-.0738	-.0716
.7500	-.0843	-.0998	-.0763	-.0908	-.0610	-.0700	-.0059	-.0222
.9000	.0272	.0168	.0291	.0297	.0451	.0447	.0718	.0697
.9500	.0759	.0694	.0772	.0870				

TABLE VI.- TEST DATA

(c) Continued

	CONFIG		MACH		ALPHA	
	2		.95		4.30	

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.0952	.2826	.0336	.1832	-.0453	.1337	-.1674	.1117
.0250	.1137	.2421	.0411	.1536	-.0149	.1051	-.1115	.0866
.0500	.1153	.1835	.0469	.1235	-.0229	.0706	-.0897	.0681
.1000	.1111	.1312	-.0038	.0716	-.0497	.0311	-.1156	.0298
.1500	.0317	.0888	-.0274	.0333	-.0811	.0059	-.1537	.0164
.2250	-.0178	.0391	-.0763	-.0049	-.1252	-.0260	-.2035	-.0186
.3000	-.0597	.0011	-.1134	-.0398	-.1700	-.0545	-.2448	-.0394
.4500	******	-.0682	-.1920	-.0935	-.2505	-.0983	-.3218	-.0874
.6000	-.1895	-.1162	-.2681	-.1297	-.3266	-.1217	-.3823	-.1076
.7500	-.2892	-.1412	-.3292	-.1389	-.2982	-.1092	-.1885	-.0842
.9000	-.1457	-.0785	-.3440	-.0398	.0032	-.0170	.0164	-.0081
.9500	-.0155	-.0100	.0382	.0212	.0570	.0356	.0596	.0383

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.4948	.1495	-.6058	.1896	-.6931	.2053		
.0500	-.5053	.1261	-.5981	.1563	-.7062	.1800	-.5040	.2338
.1000	-.2113	.0896	-.6058	.1060	-.7241	.1467	-.4900	.1685
.1500	-.2622	.0534	-.6345	.0720	-.7235	.0970	******	.1201
.2250	-.2955	.0072	-.5955	.0255	-.6995	.0585	-.4644	.0710
.3000	-.3425	-.0248	-.4353	******	-.6179	.0255	-.4516	.0143
.4500	-.3844	-.0697	-.4049	-.0383	-.3690	-.0046	-.5076	******
.6000	-.2977	-.0812	-.0949	-.0565	-.1739	-.0469	-.5044	-.0629
.7500	-.0850	.0661	-.0405	-.0536	-.0008	-.0575	-.3220	-.0251
.9000	.0278	-.0030	.0721	.0060	.0773	.0361	-.0652	.0358
.9500	.0606	.0322	.0968	.0563				

TABLE VI.- TEST DATA

(c) Continued

	CONFIG		MACH		ALPHA	
	2		.95		8.59	

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.1341	.2458	-.1220	.1729	-.2291	.1572	-.5263	.1882
.0250	-.0820	.2092	-.0629	.1588	-.2402	.1531	-.5765	.2140
.0500	.0132	.1531	.0057	.1343	-.0750	.1448	-.6979	.2149
.1000	.0628	.1193	-.0236	.1110	-.1162	.1346	-.4886	.1869
.1500	-.0162	.0967	-.0565	.0910	-.1594	.1260	-.3105	.1694
.2250	-.0514	.0741	-.1079	.0776	-.2236	.1072	-.3585	.1247
.3000	-.0833	.0594	-.1562	.0648	-.2760	.0820	-.3927	.0951
.4500	******	.0266	-.2664	.0244	-.3607	.0266	-.4486	.0348
.6000	-.2485	-.0110	-.3617	-.0247	-.4310	-.0346	-.4956	-.0186
.7500	-.3706	-.0471	-.4330	-.0618	-.4870	-.0577	-.3262	-.0497
.9000	-.2859	-.0704	-.1386	-.0577	-.0814	-.0407	-.0798	-.0391
.9500	-.1060	-.0503	-.0283	-.0263	-.0283	-.0155	-.0412	-.0203

X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.7078	.2347	-.7922	.2286	-.8741	.2139		
.0500	-.7264	.2369	-.8117	.2388	-.9045	.2286	-.6148	.2437
.1000	-.8290	.2177	-.8261	.2091	-.9201	.2254	-.5770	.2241
.1500	-.8696	.1825	-.8421	.1908	-.9137	.1876	******	.1918
.2250	-.9220	.1382	-.8846	.1184	-.8936	.1572	-.4853	.1434
.3000	-.6896	.1011	-.9160	******	-.8623	.1155	-.4290	.0931
.4500	-.4594	.0383	-1.0231	.0498	-.8396	.0716	-.3782	******
.6000	-.4600	-.0059	-.7353	.0050	-.8664	.0050	-.3305	-.0562
.7500	-.1649	-.0363	-.2404	-.0319	-.8517	-.0427	-.3155	-.0943
.9000	-.0223	-.0274	.0130	-.0120	-.5099	-.0357	-.4076	-.1779
.9500	.0024	-.0088	.0409	.0136				

TABLE VI.- TEST DATA

(c) Continued

CONFIG	MACH	ALPHA
2	.95	12.89

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.4502	.1598	-.4157	.1611	-.5493	.2073	-.6468	.2003
.0250	-.4812	.1420	-.4416	.1853	-.5944	.2519	-.6772	.2672
.0500	-.3157	.1184	-.5557	.2035	-.6222	.2844	-.7238	.3083
.1000	-.1213	.1289	-.1101	.2162	-.6861	.2781	-.7449	.2997
.1500	-.1290	.1461	-.1619	.2178	-.5007	.2653	-.8034	.2841
.2250	-.1376	.1633	-.2322	.2143	-.4279	.2417	-.9006	.2436
.3000	-.1629	.1726	-.2760	.1981	-.4365	.2131	-.8242	.2153
.4500	******	.1490	-.3639	.1461	-.4966	.1426	-.6765	.1359
.6000	-.3125	.0993	-.4509	.0894	-.5557	.0496	-.6500	.0649
.7500	-.4550	.0454	-.5212	.0196	-.5874	.0059	-.4819	.0008
.9000	-.3796	-.0314	-.2578	-.0449	-.2121	-.0471	-.2226	-.0596
.9500	-.2070	-.0577	-.1296	-.0497	-.1578	-.0557	-.1844	-.0789

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.7613	.2520	-.8528	.2203	-.9260	.1921		
.0500	-.7773	.2940	-.8755	.2684	-.9388	.2376	-.4003	.2591
.1000	-.8298	.2956	-.8953	.2738	-.9385	.2664	-.3929	.2511
.1500	-.8535	.2735	-.9081	.2632	-.8953	.2431	******	.2261
.2250	-.8664	.2366	-.9356	.1783	-.8294	.2258	-.3827	.1828
.3000	-.9458	.2043	-.9487	******	-.7316	.1835	-.3584	.1328
.4500	-1.0968	.1296	-.8915	.1216	-.6053	.1312	-.3382	******
.6000	-.9449	.1639	-.8928	.0620	-.5592	.0377	-.3066	-.0853
.7500	-.6181	-.0072	-.9257	-.0184	-.5992	-.0719	-.2621	-.1622
.9000	-.3622	-.0722	-.7584	-.1106	-.7556	-.1952	-.2736	-.2522
.9500	-.3037	-.1071	-.6750	-.1795				

TABLE VI.- TEST DATA

(c) Continued

	CONFIG 2			MACH .95			ALPHA 17.20		

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.7527	.1792	-.7616	.1413	-.6386	.1820	-.7012	.1639
.0250	-.8217	.1840	-.7728	.2193	-.6737	.2610	-.7214	.2633
.0500	-.7651	.1808	-.7536	.2626	-.6833	.3181	-.7460	.3308
.1000	-.4341	.2114	-.6584	.2939	-.7431	.3397	-.7530	.3525
.1500	-.3035	.2340	-.5296	.3005	-.8137	.3418	-.7821	.3493
.2250	-.3047	.2566	-.4891	.3028	-.8076	.3264	-.8389	.3225
.3000	-.3098	.2639	-.4945	.2907	-.7760	.3002	-.8955	.2951
.4500	*******	.2397	-.5491	.2368	-.7718	.2343	-.9635	.2263
.6000	-.4128	.1881	-.6025	.1760	-.7865	.1164	-.9837	.1432
.7500	-.5450	.1253	-.6616	.0944	-.8061	.0686	-.8654	.0486
.9000	-.5482	.0193	-.4964	-.0158	-.4974	-.0462	-.6383	-.0740
.9500	-.3740	-.0346	-.3584	-.0698	-.4386	-.0979	-.5763	-.1350

X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.8134	.2352	-.9055	.1962	-.9790	.1510		
.0500	-.8080	.3035	-.9205	.2730	-.9893	.2205	-.4791	.2244
.1000	-.8531	.3377	-.9461	.2990	-.9630	.2859	-.4724	.2465
.1500	-.8735	.3323	-.9499	.3067	-.8374	.2766	*******	.2394
.2250	-.8988	.3051	-.9662	.2183	-.6766	.2625	-.4542	.2035
.3000	-.9256	.2769	-.9736	*******	-.6121	.2304	-.4251	.1555
.4500	-.9830	.2048	-.8496	.1853	-.5469	.1731	-.4110	*******
.6000	-.9218	.1231	-.7278	.1036	-.5187	.0607	-.3659	-.0924
.7500	-.8109	.0258	-.7144	-.0014	-.5417	-.0600	-.3138	-.1820
.9000	-.7722	-.1033	-.7195	-.1388	-.5686	-.2080	-.2822	-.2742
.9500	-.7482	-.1711	-.7252	-.2201				

TABLE VI.- TEST DATA

(c) Continued

CONFIG	MACH	ALPHA
3	.95	.01

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1127	.1611	.1030	.1209	.0881	.0903	.0761	.0425
.0250	.0900	.1397	.0838	.1111	.0612	.0639	.0242	.0266
.0500	.0709	.1055	.0644	.0782	.0365	.0288	.0034	.0059
.1000	.0501	.0632	.0362	.0275	-.0004	-.0129	-.0271	-.0497
.1500	.0307	.0355	.0077	-.0104	-.0351	-.0481	-.0690	-.0737
.2250	.0067	-.0069	-.0379	-.0497	-.0767	-.0833	-.1080	-.1297
.3000	-.0179	-.0433	-.0738	-.0897	-.1164	-.1272	-.1519	-.1595
.4500	******	-.1127	-.1464	-.1636	-.1797	-.1979	-.2136	-.2327
.6000	-.1551	-.1796	-.2034	-.2212	-.2446	-.2298	-.2606	-.2753
.7500	-.2321	-.2407	-.2446	-.2631	-.1288	-.1399	-.1308	-.0977
.9000	-.0774	-.0772	-.0156	-.0136	.0044	.0091	.0193	.0177
.9500	.0154	.0199	.0524	.0607	.0686	.0738	.0792	.0835

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.0079	-.0091	-.0082	-.0534	.0413	-.0357		
.0500	.0079	-.0313	-.0600	-.0790	.0034	-.0399	.0175	.0024
.1000	-.0616	-.0758	-.1032	-.1219	-.0428	-.0492	-.0274	-.0498
.1500	-.0994	-.1159	-.1243	-.1508	-.0594	-.0790	******	-.0828
.2250	-.1474	-.1636	-.1627	-.1617	-.0834	-.1008	-.0776	-.1104
.3000	-.1861	-.2043	-.1669	******	-.1058	-.1261	-.1087	-.1335
.4500	-.2498	-.2623	-.1323	-.1277	-.1144	-.1267	-.1080	******
.6000	-.1285	-.1181	-.1275	-.1296	-.1128	-.1239	-.0738	-.0703
.7500	-.0869	-.0893	-.0712	-.0848	-.0568	-.0643	-.0059	-.0197
.9000	.0284	.0287	.0313	.0360	.0471	.0485	.0721	.0729
.9500	.0859	.0835	.0846	.0934				

TABLE VI.- TEST DATA

(c) Continued

CONFIG	MACH	ALPHA
3	.95	4.12

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.3765	.3260	-.3883	.2910	-.3829	.2776	-.4331	.2505
.0250	-.4075	.2919	-.3883	.2667	-.3864	.2505	-.4408	.2246
.0500	-.3765	.2364	-.4066	.2253	-.3915	.2046	-.4513	.1931
.1000	-.1842	.1934	-.3650	.1701	-.4248	.1462	-.4645	.1255
.1500	-.0854	.1519	-.1564	.1258	-.4043	.1038	-.4725	.0875
.2250	-.1036	.1022	-.1171	.0760	-.2546	.0502	-.4123	.0228
.3000	-.1125	.0623	-.1698	.0314	-.2085	.0027	-.3330	-.0155
.4500	******	-.0101	-.2437	-.0481	-.2840	-.0737	-.3275	-.0837
.6000	-.2322	-.0821	-.3106	-.1099	-.3483	-.1185	-.3851	-.1089
.7500	-.3253	-.1294	-.3608	-.1432	-.3781	-.1198	-.2226	-.0817
.9000	-.1564	-.0923	-.0390	-.0465	.0219	-.0050	.0417	.0183
.9500	-.0163	-.0264	.0524	.0228	.0849	.0601	.0950	.0794

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.5162	.2060	-.6045	.1951	-.6970	.2009		
.0500	-.5184	.1669	-.5927	.1592	-.7127	.1749	-.5318	.2317
.1000	-.5462	.1150	-.5655	.1073	-.7232	.1435	-.5110	.1588
.1500	-.5606	.0662	-.5526	.0697	-.7149	.0431	******	.1233
.2250	-.5357	.0101	-.5430	.0104	-.6019	.0514	-.5515	.0694
.3000	-.4858	-.0262	-.5462	******	-.4469	.0515	-.5321	.0149
.4500	-.3974	-.0713	-.5158	-.0361	-.4121	-.0662	-.5061	******
.6000	-.4070	-.0777	-.2719	-.0457	-.1878	-.0599	-.4153	-.0672
.7500	-.0729	-.0489	-.1125	-.0367	-.0213	-.0476	-.3606	-.0361
.9000	.0484	.0322	.0127	.0300	.0725	.0236	-.0946	-.0082
.9500	.0934	.0749	.0571	.0762				

TABLE VI.- TEST DATA

(c) Continued

| CONFIG 3 | | | MACH .95 | | | ALPHA 8.25 | |

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.7070	.4004	-.7074	.3433	-.6248	.3130	-.6670	.2590
.0250	-.7371	.3950	-.7214	.3513	-.6351	.3245	-.6840	.2929
.0500	-.8398	.3516	-.7179	.3312	-.6485	.3105	-.6901	.2869
.1000	-.8421	.3111	-.8053	.2824	-.6872	.2626	-.7061	.2410
.1500	-.7711	.2716	-.8837	.2413	-.7730	.2266	-.7426	.2084
.2250	-.7519	.2186	-.7275	.1931	-.8555	.1737	-.8069	.1526
.3000	-.7743	.1794	-.7423	.1507	-.8421	.1261	-.8475	.1111
.4500	*******	.0955	-.2838	.0665	-.5183	.0451	-.8568	.0372
.6000	-.3007	.0241	-.3823	-.0030	-.3317	-.0302	-.7829	-.0187
.7500	-.4037	-.0356	-.4437	-.0593	-.4450	-.0600	-.6357	-.0369
.9000	-.2703	-.0747	-.1574	-.0587	-.0310	-.8139	.0524	.0340
.9500	-.0998	-.0664	-.0040	-.0123	.0613	.0397	.1281	.1009

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.7381	.2580	-.8181	.2323	-.8687	.2250	-.4525	.2493
.0500	-.7368	.2561	-.8357	.2410	-.8764	.2356	-.4397	.2218
.1000	-.7692	.2259	-.8348	.2112	-.8191	.2330	*******	.1804
.1500	-.7861	.1871	-.8360	.1836	-.7275	.1968	-.4154	.1326
.2250	-.8146	.1397	-.8386	.1134	-.6232	.1653	-.3949	.0749
.3000	-.8405	.0996	-.8405	*******	-.5652	.1278	-.3719	*******
.4500	-.8726	.0367	-.7938	.0579	-.5114	.0807	-.3229	-.1393
.6000	-.8908	-.0014	-.6581	.0239	-.4711	.0037	-.2499	-.1765
.7500	-.6389	-.0034	-.5844	-.0034	-.5278	-.0845	-.2240	-.2105
.9000	-.4164	.0483	-.5323	-.0649	-.5460	-.2012		
.9500	-.2791	.0592	-.4986	-.1425				

TABLE VI.- TEST DATA

(c) Continued

	CONFIG	MACH	ALPHA
	3	.95	12.39

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.9561	.4668	-.9375	.3556	-.8726	.3046	-.8566	.2430
.0250	-.9743	.4827	-.9752	.4018	-.8873	.3584	-.8828	.3122
.0500	-1.1051	.4521	-.9647	.4078	-.8867	.3744	-.8847	.3476
.1000	-1.1035	.4263	-1.0392	.3811	-.8943	.3501	-.8918	.3224
.1500	-1.0990	.3913	-1.0513	.3469	-.9477	.3199	-.9043	.3039
.2250	-.4029	.3348	-1.0750	.2995	-1.0453	.2771	-.9471	.2500
.3000	-.2644	.2928	-1.0948	.2564	-1.0619	.2309	-1.0069	.2131
.4500	*******	.2073	-.3917	.1716	-1.0824	.1490	-1.0306	.1350
.6000	-.3709	.1238	-.4275	.0958	-.8604	.0422	-1.0987	.0639
.7500	-.4828	.0550	-.5077	.0209	-.6050	.0030	-1.1019	.0046
.9000	-.3690	-.0344	-.3092	-.0491	-.2209	-.0225	-.5784	-.0059
.9500	-.2008	-.0718	-.3962	-.0481	-.0214	.0075	-.3848	-.0011

X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.9111	.2678	-.9879	.2251	-.8538	.2123		
.0500	-.9102	.3043	-1.0087	.2697	-.8033	.2495	-.5016	.2457
.1000	-.9460	.2985	-1.0125	.2703	-.7425	.2748	-.4981	.2367
.1500	-.9655	.2748	-1.0087	.2588	-.7089	.2482	*******	.2130
.2250	-.9722	.2360	-1.0154	.1742	-.6721	.2210	-.4478	.1697
.3000	-.9873	.1947	-1.0279	*******	-.6376	.1806	-.4168	.1152
.4500	-1.0273	.1255	-.8650	.1232	-.5643	.1261	-.3934	*******
.6000	-1.0503	.0649	-.7182	.0614	-.4949	.0261	-.3602	-.1175
.7500	-.8468	.0159	-.6855	-.0136	-.4417	-.0857	-.3378	-.1819
.9000	-.8369	-.0530	-.7873	-.1335	-.4875	-.2194	-.3419	-.2732
.9500	-.8273	-.1210	-.7959	-.2126				

TABLE VI.- TEST DATA

(c) Continued

CONFIG	MACH	ALPHA
3	.95	16.53

X/C	CP UPPER SURFACE Station 1	CP LOWER SURFACE Station 1	CP UPPER SURFACE Station 2	CP LOWER SURFACE Station 2	CP UPPER SURFACE Station 3	CP LOWER SURFACE Station 3	CP UPPER SURFACE Station 4	CP LOWER SURFACE Station 4
.0125	-1.1214	.5218	-1.0798	.3769	-1.0067	.3664	-.9930	.2234
.0250	-1.1476	.5591	-1.1335	.4492	-1.0323	.3814	-1.0262	.3227
.0500	-1.2872	.5428	-1.1099	.4758	-1.0345	.4266	-1.0396	.3769
.1000	-1.2818	.5326	-1.2447	.4689	-1.0364	.4237	-1.0364	.3845
.1500	-1.3003	.4985	-1.2436	.4422	-1.1917	.4052	-1.0204	.3740
.2250	-1.1677	.4479	-1.2447	.4020	-1.2246	.3673	-1.0873	.3329
.3000	-.5875	.4008	-1.2633	.3594	-1.1971	.3245	-1.2029	.3020
.4500	******	.3078	-.9460	.2774	-1.1872	.2428	-1.1668	.2234
.6000	-.5606	.2224	-.6732	.1847	-1.2073	.1141	-1.1633	.1387
.7500	-.5958	.1380	-.6546	.0995	-1.0268	.0705	-1.0188	.0517
.9000	-.5211	.3256	-.3815	-.0152	-.4709	-.0342	-.9767	-.0519
.9500	-.3613	-.0449	-.2361	-.0619	-.3696	-.0622	-.8448	-.1103

X/C	CP UPPER SURFACE Station 5	CP LOWER SURFACE Station 5	CP UPPER SURFACE Station 6	CP LOWER SURFACE Station 6	CP UPPER SURFACE Station 7	CP LOWER SURFACE Station 7	CP UPPER SURFACE Station 8	CP LOWER SURFACE Station 8
.0125								
.0250	-1.0654	.2598	-1.1131	.2364	-.7323	.1878		
.0500	-1.0684	.3277	-1.1313	.2838	-.7243	.2477		
.1000	-1.1060	.3489	-1.1399	.3107	-.6898	.2944	-.4916	.2246
.1500	-1.1296	.3373	-1.1456	.3134	-.6514	.2803	-.4798	.2425
.2250	-1.1247	.3047	-1.1408	.2160	-.6131	.2576	******	.2310
.3000	-1.1169	.2704	-.9669	******	-.5884	.2236	-.4615	.1951
.4500	-1.1392	.1977	-.7832	.1820	-.5581	.1644	-.4420	.1458
.6000	-.9356	.1250	-.6859	.0991	-.5309	.0571	-.4411	******
.7500	-.8250	.0312	-.6268	-.0015	-.5069	-.0652	-.4235	-.1107
.9000	-.9487	-.0968	-.5012	-.1401	-.6086	-.2102	-.4181	-.2010
.9500	-1.0702	-.1680	-.5149	-.2154			-.4171	-.2852

TABLE VI.- TEST DATA

(c) Continued

CONFIG	MACH	ALPHA
4	.95	.02

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1484	.2306	.1108	.1602	.0835	.1206	.0673	.0712
.0250	.1182	.1984	.0926	.1404	.0683	.0894	.0219	.0422
.0500	.1195	.1474	.0806	.1032	.0404	.0492	.0054	.0145
.1000	.0997	.1028	.0462	.0499	.0057	.0046	-.0248	-.0373
.1500	.0540	.0639	.0200	.0113	-.0296	-.0305	-.0692	-.0629
.2250	.0248	.0167	-.0261	-.0363	-.0728	-.0753	-.1054	-.1195
.3000	-.0046	-.0302	-.0638	-.0805	-.1127	-.1185	-.1463	-.1563
.4500	*******	-.1061	-.1390	-.1553	-.1754	-.1969	-.2119	-.2292
.6000	-.1502	-.1713	-.2013	-.2161	-.2375	-.2273	-.1812	-.2660
.7500	-.2221	-.2347	-.2151	-.2523	-.1307	-.1355	-.1166	-.1041
.9000	-.0670	-.0792	-.0203	-.0174	.0031	.0068	.0187	.0177
.9500	.0154	.0180	.0534	.0569	.0696	.0722	.0805	.0838

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.0121	-.0011	-.0120	-.0367	.0403	-.0287		
.0500	.0137	-.0268	-.0600	-.0646	-.0047	-.0280	.0207	-.0053
.1000	-.0597	-.0694	-.0962	-.1143	-.0421	-.0518	-.0280	-.0534
.1500	-.1024	-.1072	-.1253	-.1399	-.0613	-.0641	*******	-.0838
.2250	-.1452	-.1534	-.1388	-.1550	-.0850	-.1053	-.0799	-.1091
.3000	-.1836	-.1976	-.1269	*******	-.1058	-.1239	-.1106	-.1329
.4500	-.2114	-.2588	-.1381	-.1415	-.1186	-.1274	-.1100	*******
.6000	-.1461	-.1264	-.1263	-.1303	-.1144	-.1210	-.0738	-.0720
.7500	-.0898	-.0909	-.0776	-.0835	-.0607	-.0665	-.0059	-.0200
.9000	.0252	.0280	.0317	.0370	.0455	.0470	.0734	.0713
.9500	.0811	.0803	.0818	.0931				

TABLE VI.- TEST DATA

(c) Continued

	CONFIG		MACH		ALPHA	
	4		.95		4.33	

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.1815	.3030	-.1847	.2536	-.2454	.2274	-.5398	.2089
.0250	-.1844	.2679	-.2026	.2281	-.2649	.1924	-.3465	.1780
.0500	-.0315	.2092	-.1239	.1834	-.2467	.1477	-.3733	.1433
.1000	.0051	.1669	-.0197	.1292	-.1009	.0967	-.3094	.0888
.1500	-.0004	.1264	-.0440	.0865	-.1047	.0633	-.1760	.0556
.2250	-.0290	.0789	-.0916	.0425	-.1527	.0199	-.2026	.0059
.3000	-.0539	.0371	-.1265	.0017	-.1914	-.0235	-.2480	-.0299
.4500	******	-.0379	-.2058	-.0696	-.2601	-.0868	-.3129	-.0913
.6000	-.1984	-.0971	-.2768	-.1217	-.3215	-.1268	-.3711	-.1131
.7500	-.3017	-.1396	-.3391	-.1425	-.3199	-.1179	-.1786	-.0827
.9000	-.1409	-.0881	-.0354	-.0401	.0086	-.0104	.0326	.0040
.9500	-.0053	-.0216	.0472	.0250	.0686	.0502	.0805	.0553

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.4600	.1774	-.5518	.1806	-.6651	.1909		
.0500	-.4603	.1357	-.5377	.1444	-.6775	.1678	-.4993	.2300
.1000	-.5067	.0925	-.5275	.0947	-.6977	.1393	-.4904	.1671
.1500	-.4405	.0466	-.5368	.0617	-.7009	.0909	******	.1229
.2250	-.2814	.0027	-.5496	.0155	-.6823	.0562	-.4673	.0723
.3000	-.2850	-.0364	-.5377	******	-.6049	.0264	-.4673	.0162
.4500	-.3544	-.0764	-.4398	-.0389	-.3458	-.0005	-.5307	******
.6000	-.3649	-.0774	-.1279	-.0540	-.1493	-.0421	-.4945	-.0594
.7500	-.0712	-.0588	-.0613	-.0469	.0021	-.0437	-.2530	-.8236
.9000	.0413	.0146	.0551	.0252	.0734	.0383	-.0111	.0466
.9500	.0814	.0543	.0949	.0739				

TABLE VI.- TEST DATA

(c) Continued

CONFIG	MACH	ALPHA
4	.95	8.66

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.4132	.3200	-.3991	.2655	-.4118	.2550	-.5183	.2340
.0250	-.4470	.2936	-.4051	.2681	-.4176	.2576	-.5311	.2490
.0500	-.4703	.2413	-.4186	.2299	-.4368	.2372	-.5464	.2401
.1000	-.1747	.2091	-.4342	.2005	-.5061	.2044	-.5803	.2056
.1500	-.0692	.1798	-.1581	.1719	-.5470	.1754	-.6723	.1779
.2250	-.0894	.1489	-.0890	.1394	-.2699	.1349	-.7155	.1320
.3000	-.3983	.1167	-.1590	.1030	-.1795	.0989	-.5630	.0976
.4500	******	.0594	-.2616	.0419	-.3163	.0307	-.3243	.0294
.6000	-.2450	.0052	-.3489	-.0139	-.3914	-.0324	-.4214	-.0218
.7500	-.3687	-.0440	-.4150	-.0593	-.4588	-.0584	-.3645	-.0395
.9000	-.2469	-.0743	-.1200	-.0552	-.0388	-.0261	-.0015	-.0066
.9500	-.0932	-.0631	-.0123	-.0187	.0235	.0138	.0522	.0312

X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.6453	.2308	-.7524	.2199	-.8170	.2090		
.0500	-.6494	.2318	-.7706	.2270	-.8531	.2199	-.5381	.2516
.1000	-.6494	.2008	-.7796	.1988	-.8720	.2209	-.5081	.2266
.1500	-.7322	.1722	-.7799	.1815	-.8666	.1818	******	.1943
.2250	-.8010	.1270	-.8045	.1116	-.8563	.1571	-.4380	.1501
.3000	-.8643	.0899	-.8419	******	-.8282	.1254	-.4019	.0979
.4500	-.8218	.0319	-.9021	.0508	-.8016	.0844	-.3603	******
.6000	-.4630	-.0037	-.8052	.0139	-.7994	.0280	-.3088	-.0501
.7500	-.1310	-.0187	-.4988	-.0930	-.8579	-.0127	-.2746	-.0889
.9000	.0400	.0155	.0210	.0386	-.7028	-.0120	-.4140	-.1754
.9500	.0798	.0463	.1042	.0790				

TABLE VI.- TEST DATA

(c) Continued

CONFIG	MACH	ALPHA
4	.95	12.97

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.7934	.3231	-.9581	.2055	-.6587	.2262	-.7045	.1991
.0250	-.8142	.3101	-.9917	.2444	-.6968	.2744	-.7240	.2718
.0500	-.9351	.2686	-.9597	.2606	-.7995	.2948	-.7317	.3046
.1000	-.6389	.2437	-1.0806	.2600	-.8782	.2833	-.7646	.2919
.1500	-.4505	.2249	-.7640	.2479	-.8430	.2649	-.8302	.2772
.2250	-.1220	.2119	-.2292	.2262	-.8519	.2383	-.8711	.2380
.3000	-.2026	.2004	-.2026	.2017	-.5263	.2033	-.9437	.2061
.4500	******	.1551	-.3200	.1411	-.3891	.1347	-.8676	.1334
.6000	-.3127	.1054	-.4201	.0830	-.4521	.0448	-.6277	.0661
.7500	-.4454	.0448	-.4943	.0221	-.5334	.0078	-.5398	.0588
.9000	-.4067	-.0280	-.2170	-.0398	-.1089	-.0315	-.1025	-.0267
.9500	-.2164	-.0558	-.1984	-.0427	-.0597	-.0260	-.0511	-.0187
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.7042	.2448	-.8646	.2095	-.9347	.1812		
.0500	-.7920	.2845	-.8992	.2605	-.9546	.2259	-.4084	.2491
.1000	-.8439	.2881	-.9110	.2640	-.9731	.2627	-.4729	.2496
.1500	-.8720	.2621	-.9117	.2544	-.9629	.2406	******	.7310
.2250	-.9046	.2297	-.9277	.1784	-.9289	.2201	-.4153	.1880
.3000	-.0321	.1944	-.9638	******	-.8531	.1855	-.3801	.1399
.4500	-1.0531	.1271	-.9738	.1262	-.7177	.1387	-.3449	******
.6000	-1.1030	.0710	-.9065	.0691	-.6403	.0531	-.3289	-.0697
.7500	-.7792	.0114	-.9712	.0075	-.7286	-.0454	-.2831	-.1450
.9000	-.3010	-.0245	-.8041	-.0684	-.9594	-.1723	-.3529	-.2483
.9500	-.2069	-.0415	-.6864	-.1383				

TABLE VI.- TEST DATA

(c) Continued

| | CONFIG 4 | | MACH .95 | | | | ALPHA 17.36 | |

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.9414	.3698	-1.1563	.2967	-.8906	.1751	-.8851	.1461
.0250	-1.0134	.3733	-1.2467	.2624	-.8861	.2628	-.9433	.2446
.0500	-1.0965	.3440	-1.2850	.2898	-.8698	.3173	-.9862	.3115
.1000	-1.1278	.3338	-1.3017	.3020	-1.2451	.3297	-1.0150	.3294
.1500	-.8247	.3112	-1.3107	.3010	-1.2193	.3252	-1.0095	.3310
.2250	-.6351	.2905	-.9651	.2962	-1.1099	.3093	-.9638	.3077
.3000	-.3467	.2765	-.3506	.2784	-.9731	.2822	-.9564	.2832
.4500	******	.2369	-.4286	.2302	-.5897	.2229	-1.0495	.2197
.6000	-.4305	.1869	-.4881	.1659	-.6070	.1161	-.9357	.1432
.7500	-.5274	.1228	-.5859	.0919	-.6502	.0734	-.8139	.0594
.9000	-.5437	.0234	-.3362	-.0091	-.2508	-.0232	-.3570	-.0267
.9500	-.3020	-.0340	-.2173	-.0497	-.1926	-.0478	-.2923	-.0633

X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.9318	.2206	-.9481	.1822	-.9973	.1476	-.5479	.2203
.0500	-.9359	.2898	-.9791	.2613	-1.0037	.2190	-.5322	.2459
.1000	-.9673	.3264	-.9842	.2998	-.9948	.2860	******	.2431
.1500	-.9881	.3222	-.9929	.3055	-.9209	.2796	-.4919	.2104
.2250	-1.0223	.2998	-1.0188	.2238	-.7996	.2658	-.4513	.1681
.3000	-1.0424	.2709	-1.0469	******	-.7382	.2415	-.4388	******
.4500	-1.1599	.2036	-.9621	.1950	-.6982	.1860		
.6000	-1.2024	.1319	-.8240	.1200	-.5975	.6835	-.3962	-.0716
.7500	-.9391	.0498	-.9833	.0293	-.5674	-.0345	-.3483	-.1629
.9000	-.7120	-.0502	-.9705	-.1017	-.7590	-.1828	-.3847	-.2700
.9500	-.6272	-.1139	-.8921	-.1851				

TABLE VI.- TEST DATA

(c) Continued

CONFIG 5		MACH .95		ALPHA -.02

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.2364	.1442	.1696	.1033	.1328	.0782	.0890	.0536
.0250	.2047	.1117	.1459	.0864	.0999	.0597	.0526	.0097
.0500	.1517	.1150	.1076	.0770	.0606	.0370	.0226	-.0095
.1000	.1047	.0854	.0539	.0399	.0139	-.0053	-.0276	-.0355
.1500	.0664	.0513	.0152	.0133	-.0267	-.0371	-.0559	-.0742
.2250	.0178	.0211	-.0315	-.0364	-.0649	-.0797	-.1107	-.1159
.3000	-.0219	-.0075	-.0732	-.0701	-.1126	-.1182	-.1437	-.1547
.4500	-.1014	********	-.1463	-.1416	-.1842	-.1797	-.2175	-.2191
.6000	-.1643	-.1343	-.2079	-.2089	-.2137	-.2400	-.2294	-.1887
.7500	-.2252	-.2287	-.2361	-.2191	-.1258	-.1310	-.1076	-.1220
.9000	-.0742	-.0678	-.0206	-.0198	.0031	.0035	.0146	.0172
.9500	.0155	.0178	.0574	.0578	.0692	.0695	.0790	.0804
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.0211	-.0149	-.0052	-.0354	.0176	.0128		
.0500	-.0149	-.0268	-.0467	-.0736	-.0030	-.0197	.0324	-.0136
.1000	-.0573	-.0749	-.0949	-.1079	-.0332	-.0669	-.0261	-.0499
.1500	-.0958	-.1102	-.1241	-.1384	-.0669	-.0794	-.0611	********
.2250	-.1411	-.1500	-.1337	-.1496	-.0862	-.1044	-.0916	-.0964
.3000	-.1809	-.1875	********	-.1365	-.1125	-.1214	-.1215	-.1192
.4500	-.2166	-.2048	-.1417	-.1512	-.1161	-.1288	********	-.1156
.6000	-.1369	-.1503	-.1254	-.1323	-.1193	-.1214	-.0724	-.0781
.7500	-.0988	-.0925	-.0833	-.0781	-.0631	-.0605	-.0213	-.0069
.9000	.0234	.0253	.0330	.0318	.0417	.0453	.0658	.0701
.9500	.0761	.0823	.0892	.0849				

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TABLE VI.- TEST DATA

(c) Continued

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1395	.2478	-.0594	.2429	-.1713	.2166	-.2463	.2098
.0250	.1267	.2353	.0631	.1968	-.0228	.1731	-.0821	.1409
.0500	.0890	.1958	.0504	.1610	-.0164	.1286	-.0655	.0951
.1000	.0468	.1523	-.0078	.1117	-.0635	.0691	-.1094	.0438
.1500	.0139	.1123	-.0482	.0733	-.0914	.0230	-.1325	-.0181
.2250	-.0321	.0733	-.0873	.0194	-.1321	-.0293	-.1850	-.0575
.3000	-.0735	.0373	-.1261	-.0194	-.1725	-.0684	-.2334	-.0780
.4500	-.1414	*******	-.1943	-.0934	-.2472	-.1133	-.3306	-.1037
.6000	-.2036	-.0905	-.2552	-.1360	-.2863	-.1287	-.3944	-.1120
.7500	-.2770	-.1402	-.3392	-.1287	-.3642	-.1024	-.2171	-.0825
.9000	-.1684	-.0684	-.0462	-.0293	.0111	-.0023	.0369	.0084
.9500	-.0094	-.0066	.0488	.0324	.0743	.0519	.0834	.0533

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.3263	.1930	-.7199	.2763	-.7532	.2483		
.0500	-.1896	.1956	-.7439	.2065	-.7805	.2091	-.6345	.2297
.1000	-.2178	.0681	-.7144	.1444	-.7911	.1479	-.6242	.1759
.1500	-.2976	.0154	-.5825	.1145	-.8191	.1212	-.5802	*******
.2250	-.3046	-.0293	-.4123	.0662	-.8040	.0746	-.5343	.0800
.3000	-.3423	-.0707	*******	.0192	-.7539	.0388	-.5032	.0166
.4500	-.3963	-.1044	-.4361	-.0255	-.4932	-.0072	*******	-.0652
.6000	-.4348	-.1140	-.2049	-.0524	-.0293	-.0425	-.4662	-.0543
.7500	-.0758	-.0915	-.0524	-.0454	-.0117	-.0437	-.2878	-.0072
.9000	.0523	-.0184	.0497	.0141	.0561	.0469	-.1735	.0269
.9500	.0850	.0298	.1033	.0675				

TABLE VI.- TEST DATA

(c) Continued

CONFIG 5 MACH .95 ALPHA 8.53

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.0394	.2109	-.0132	.2060	.1414	.0706	-.1316	.0605
.0250	.0336	.1691	-.0639	.1662	.1082	.0297	-.1600	.0424
.0500	.0145	.1480	-.0617	.1266	.0601	-.0194	-.2052	.0352
.1000	.0037	.1169	.0062	.0774	.0100	-.0498	-.2781	.0310
.1500	-.0104	.0861	-.0257	.0417	-.0503	-.0508	-.3274	.0216
.2250	-.0375	.0605	-.0577	-.0066	-.1482	-.0207	-.3894	.0083
.3000	-.0561	.0365	-.1037	-.0214	-.2512	-.0014	-.4137	-.0053
.4500	-.1256	********	-.2397	-.0185	-.3747	.0061	-.4684	-.0252
.6000	-.2426	-.0236	-.3520	-.0236	-.3849	-.0137	-.5193	-.0482
.7500	-.3520	-.0409	-.4409	-.0341	-.5055	-.0389	-.3590	-.0466
.9000	-.3018	-.0377	-.1287	-.0194	-.0609	-.0207	-.0650	-.0214
.9500	-.0913	-.0217	-.0222	.0038	-.0049	.0015	-.0101	-.0033

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.9108	.2554	-.9292	.3239	-.9510	.2571		
.0500	-.9651	.3428	-.9743	.3094	-1.0102	.2732	-.6843	.2593
.1000	-1.0035	.3149	-.9987	.2757	-1.0182	.2324	-.5906	.2368
.1500	-.9692	.2687	-1.0234	.2481	-1.0282	.2263	-.5681	********
.2250	-.7668	.2208	-.9019	.2051	-1.0147	.1848	-.5505	.1591
.3000	-.5883	.1726	********	.1527	-.9478	.1457	-.5230	.0898
.4500	-.5223	.0968	-1.0608	.0856	-.8776	.0837	********	-.0219
.6000	-.5383	.0352	-.8709	.0320	-.8299	.0185	-.4160	-.0795
.7500	-.2151	.0015	-.3967	-.0046	-.7898	-.0274	-.3916	-.0847
.9000	-.0251	.0050	-.0296	-.0014	-.5560	-.0530	-.4121	-.1691
.9500	.0088	.0162	.0290	.0172				

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TABLE VI.- TEST DATA

(c) Continued

CONFIG 5   MACH .95   ALPHA 12.73

X/C	CP UPPER SURFACE (STATION 1)	CP LOWER SURFACE (STATION 1)	CP UPPER SURFACE (STATION 2)	CP LOWER SURFACE (STATION 2)	CP UPPER SURFACE (STATION 3)	CP LOWER SURFACE (STATION 3)	CP UPPER SURFACE (STATION 4)	CP LOWER SURFACE (STATION 4)
.0125	-.0161	.0109	.2014	-.3553	-.1278	-.0245	-.8169	.2286
.0250	-.0167	-.0267	.1753	-.2667	-.1755	-.0024	-.8390	.2775
.0500	-.0212	-.0283	.1300	-.1003	-.1947	.0434	-.8723	.3349
.1000	-.0046	-.0299	.0483	-.0303	-.2962	.0995	-.9078	.3382
.1500	.0027	.0103	-.0314	-.0072	-.3624	.1287	-.8851	.3307
.2250	-.0299	.0430	-.1364	.0430	-.4139	.1640	-.8413	.3002
.3000	-.0775	.0716	-.2417	.1050	-.4466	.1812	-.7798	.2665
.4500	-.2408	*******	-.3714	.1358	-.4965	.1533	-.7158	.1948
.6000	-.3611	.0585	-.4504	.1086	-.4690	.1024	-.6921	.1202
.7500	-.4536	.0713	-.5260	.0538	-.5814	.0447	-.4284	.0752
.9000	-.3544	.0259	-.1665	.0032	-.1384	.0152	-.1924	.0100
.9500	-.1361	.0019	-.0622	-.0040	-.0731	.0083	-.1441	-.0143

X/C	CP UPPER SURFACE (STATION 5)	CP LOWER SURFACE (STATION 5)	CP UPPER SURFACE (STATION 6)	CP LOWER SURFACE (STATION 6)	CP UPPER SURFACE (STATION 7)	CP LOWER SURFACE (STATION 7)	CP UPPER SURFACE (STATION 8)	CP LOWER SURFACE (STATION 8)
.0125								
.0250	-.9140	.3247	-.9595	.2929	-.7528	.2412		
.0500	-.9457	.3434	-.9877	.3206	-.7358	.2971	-.4915	.2611
.1000	-.9666	.3707	-1.0053	.3260	-.7047	.2794	-.4873	.2595
.1500	-.9986	.3485	-1.0156	.3129	-.6928	.2884	-.4806	*******
.2250	-1.0502	.3055	-.8896	.2798	-.6819	.2521	-.4684	.1981
.3000	-1.0900	.2579	*******	.2361	-.6630	.2197	-.4646	.1255
.4500	-1.1114	.1801	-.8358	.1647	-.6178	.1377	*******	.0047
.6000	-.9621	.1140	-.8133	.0937	-.5380	.0548	-.4123	-.1029
.7500	-.6854	.0442	-.8242	.0079	-.4886	-.0546	-.3530	-.1686
.9000	-.4540	-.0360	-.7810	-.1007	-.5261	-.1974	-.3120	-.2445
.9500	-.3668	-.0857	-.7249	-.1926				

TABLE VI.- TEST DATA

(c) Continued

CONFIG 5 MACH .95 ALPHA 16.97

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE	CP UPPER SURFACE STATION 2	CP LOWER SURFACE	CP UPPER SURFACE STATION 3	CP LOWER SURFACE	CP UPPER SURFACE STATION 4	CP LOWER SURFACE
.0125	-.0635	-.6776	-.2285	-.2122	-.6836	.1327	-.8179	.1982
.0250	-.0694	-.5804	-.2509	-.1834	-.7118	.2322	-.8391	.2912
.0500	-.1338	-.3687	-.2592	-.1198	-.7610	.3213	-.8538	.3648
.1000	-.1287	-.3171	-.2806	.0508	-.8084	.3862	-.8976	.3894
.1500	-.1466	-.1847	-.3075	.1726	-.8211	.3943	-.9264	.4053
.2250	-.1840	.0255	-.3436	.2857	-.7984	.3774	-1.0035	.3713
.3000	-.2323	.2287	-.3951	.3051	-.7761	.3398	-1.0363	.3350
.4500	-.3427	******	-.4524	.3226	-.7409	.2825	-1.0885	.2526
.6000	-.4246	.2818	-.5237	.2572	-.6228	.2160	-1.0802	.1694
.7500	-.5106	.1989	-.5790	.1752	-.7332	.1156	-.8371	.1127
.9000	-.4425	.0815	-.3053	.0556	-.3200	.0167	-.5653	-.0316
.9500	-.2371	.0119	-.1645	.0080	-.2381	-.0217	-.4979	-.0991

X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.9101	.3045	-.9953	.2618	-.7231	.2262		
.0500	-.9239	.3527	-1.0100	.3171	-.7042	.2972	-.4809	.2561
.1000	-.9448	.4044	-1.0168	.3594	-.6801	.3067	-.4729	.2763
.1500	-.9658	.3935	-1.0283	.3588	-.6699	.3245	-.4607	******
.2250	-1.0004	.3678	-.9031	.3367	-.6584	.2978	-.4556	.2349
.3000	-1.0328	.3257	******	.2972	-.6443	.2634	-.4492	.1630
.4500	-1.0965	.2439	-.7660	.2211	-.6055	.1893	******	.0531
.6000	-.9982	.1549	-.7256	.1292	-.5264	.0923	-.3932	-.0600
.7500	-.9495	.0576	-.7538	.0364	-.4921	-.0287	-.3723	-.1483
.9000	-.8794	-.0741	-.8432	-.1182	-.5178	-.1870	-.3362	-.2453
.9500	-.7916	-.1582	-.8813	-.2069				

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TABLE VI.- TEST DATA

(c) Continued

CONFIG	MACH	ALPHA
6	.95	.01

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1792	.0948	.1340	.0867	.1190	.0653	.0843	.0365
.0250	.1537	.0767	.1181	.0611	.0833	.0452	.0518	-.0043
.0500	.1056	.0669	.0897	.0550	.0514	.0232	.0135	-.0105
.1000	.0728	.0430	.0387	.0235	.0030	-.0149	-.0292	-.0427
.1500	.0409	.0154	-.0008	-.0017	-.0350	-.0463	-.0596	-.0821
.2250	-.0031	.0012	-.0404	-.0475	-.0721	-.0904	-.1140	-.1252
.3000	-.0366	-.0261	-.0807	-.0801	-.1107	-.1268	-.1501	-.1623
.4500	-.1060	*******	-.1520	-.1572	-.1933	-.1923	-.2198	-.2262
.6000	-.1735	-.1508	-.2135	-.2147	-.2234	-.2550	-.2592	-.2748
.7500	-.2333	-.2393	-.2502	-.2550	-.1297	-.1469	-.1006	-.1297
.9000	-.0769	-.0747	-.0174	-.0101	.0056	.0109	.0183	.0229
.9500	.0164	.0187	.0556	.0614	.0728	.0738	.0799	.0811

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.0127	-.0175	-.0252	-.0383	.0200	-.0271		
.0500	-.0258	-.0306	-.0549	-.0872	-.0002	-.0290	.0373	-.0149
.1000	-.0665	-.0786	-.1030	-.1192	-.0300	-.0587	-.0226	-.0501
.1500	-.1020	-.1214	-.1363	-.1432	-.0633	-.0703	-.0629	*******
.2250	-.1472	-.1576	-.1494	-.1845	-.0838	-.1007	-.0889	-.1016
.3000	-.1901	-.2024	*******	-.2056	-.1113	-.1250	-.1174	-.1224
.4500	-.2458	-.2622	-.1328	-.1384	-.1139	-.1317	*******	-.1141
.6000	-.1248	-.1214	-.1228	-.1368	-.1177	-.1227	-.0671	-.0763
.7500	-.0834	-.0917	-.0831	-.0799	-.0652	-.0655	-.0171	-.0072
.9000	.0287	.0307	-.0348	.0329	.0466	.0448	.0707	.0724
.9500	.0787	.0827	.0928	.0859				

TABLE VI.- TEST DATA

(c) Continued

	CONFIG 6		MACH .95		ALPHA 4.12

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.3152	.3042	-.3469	.2952	-.3946	.2764	-.4662	.2534
.0250	-.2640	.2647	-.3527	.2576	-.4013	.2446	-.4681	.2154
.0500	-.0929	.2320	-.3882	.2284	-.4182	.2034	-.4755	.1824
.1000	-.0529	.1911	-.2282	.1726	-.4365	.1461	-.4845	.1347
.1500	-.0804	.1477	-.0894	.1321	-.3565	.1023	-.4656	.0803
.2250	-.1169	.1127	-.1518	.0770	-.1965	.0462	-.3981	.0310
.3000	-.1463	.0809	-.1937	.0378	-.2177	.0064	-.3178	-.0162
.4500	-.2071	*******	-.2637	-.0424	-.3056	-.0671	-.3402	-.0783
.6000	-.2672	-.0597	-.3165	-.1099	-.3120	-.1217	-.3984	-.1086
.7500	-.3248	-.1320	-.3735	-.1355	-.3917	-.1141	-.2039	-.0830
.9000	-.1646	-.0840	-.0379	-.0405	.0202	-.0056	.0378	.0184
.9500	-.0177	-.0268	.0511	.0232	.0814	.0537	.0947	.0737

X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.5284	.2047	-.6021	.2022	-.6716	.2131		
.0500	-.5387	.1864	-.6104	.1508	-.6921	.1813	-.4852	.2189
.1000	-.5685	.1097	-.6242	.1000	-.7001	.1222	-.4621	.1707
.1500	-.5630	.0615	-.6329	.0731	-.7123	.0994	-.4375	*******
.2250	-.5390	.0169	-.5477	.0320	-.7098	.0586	-.3990	.0821
.3000	-.4749	-.0264	*******	-.0088	-.6768	.0294	-.3820	.0175
.4500	-.3891	-.0703	-.5041	-.0428	-.5723	-.0079	*******	-.0575
.6000	-.4166	-.0821	-.2318	-.0524	-.3058	-.0335	-.3327	-.0610
.7500	-.0697	-.0530	-.0601	-.0341	-.0165	-.0364	-.3936	-.0232
.9000	.0466	.0342	.0508	.0368	.0832	.0326	-.2843	-.0091
.9500	.0858	.0824	.0941	.0824				

TABLE VI.- TEST DATA

(c) Continued

CONFIG 6   MACH .95   ALPHA 8.24

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.6269	.4175	-.6468	.3701	-.6839	.3192	-.7261	.2761
.0250	-.6650	.3935	-.6500	.3623	-.6938	.3238	-.7357	.2871
.0500	-.7511	.3650	-.6788	.3435	-.6954	.3063	-.7425	.2793
.1000	-.5540	.3276	-.8115	.2913	-.7313	.2612	-.7585	.2453
.1500	-.6875	.2787	-.8423	.2534	-.8001	.2242	-.7789	.2002
.2250	-.1895	.2340	-.5821	.1967	-.8509	.1740	-.8273	.1545
.3000	-.2363	.1957	-.1735	.1555	-.8372	.1270	-.8554	.1121
.4500	-.2863	*******	-.3169	.0738	-.3700	.0518	-.8704	.0404
.6000	-.3502	.0417	-.3905	.0015	-.3239	-.0143	-.7457	-.0134
.7500	-.4113	-.0361	-.4599	-.0495	-.4657	-.0504	-.4932	-.0217
.9000	-.2926	-.0597	-.1441	-.0447	-.0388	-.0063	.0575	.0388
.9500	-.1022	-.0540	-.0101	-.0076	.0626	.0385	.1271	.1026

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.7852	.2658	-.8269	.2565	-.8957	.2324		
.0500	-.7964	.2655	-.8483	.2404	-.8973	.2456	-.4853	.2510
.1000	-.7996	.2270	-.8586	.2135	-.8557	.2112	-.4734	.2279
.1500	-.8116	.1852	-.8669	.1887	-.7762	.2048	-.4616	*******
.2250	-.8330	.1467	-.7618	.1534	-.6718	.1659	-.4494	.1454
.3000	-.8544	.1049	*******	.1100	-.6058	.1335	-.4340	.0779
.4500	-.8970	.0419	-.9066	.0596	-.5523	.0792	*******	-.0415
.6000	-.9188	.0034	-.7839	.0281	-.4927	.0178	-.3510	-.1228
.7500	-.6779	.0018	-.7464	.0121	-.5250	-.0620	-.2908	-.1461
.9000	-.3558	.0638	-.7218	-.0392	-.6016	-.1845	-.2619	-.2053
.9500	-.1434	.1017	-.6977	-.1196				

TABLE VI.- TEST DATA

(c) Continued

CONFIG 6   MACH .95   ALPHA 12.38

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.9002	.5009	-.8980	.4055	-.9038	.3314	-.9117	.2728
.0250	-.9101	.5025	-.9085	.4284	-.9197	.3715	-.9370	.3175
.0500	-.9925	.4951	-.9101	.4407	-.9145	.3825	-.9370	.3401
.1000	-1.0305	.4550	-1.0101	.4022	-.9315	.3612	-.9523	.3262
.1500	-.8967	.4055	-1.0353	.3657	-.9676	.3311	-.9574	.3020
.2250	-.2706	.3557	-1.0698	.3139	-1.0222	.2816	-.9820	.2599
.3000	-.2933	.3159	-1.0398	.2732	-1.0873	.2408	-1.0043	.2195
.4500	-.3830	*******	-.4315	.1858	-1.1490	.1606	-1.1279	.1425
.6000	-.4319	.1457	-.4306	.1069	-.7087	.0878	-1.1544	.0739
.7500	-.4951	.0574	-.5136	.0360	-.5481	.0202	-1.1129	.0373
.9000	-.3693	-.0115	-.3380	-.0249	-.1784	-.0005	-.4539	.0276
.9500	-.1847	-.0568	-.0829	-.0249	.0663	.0302	-.1633	.0357

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.9588	.2818	-.9959	.2520	-.7375	.2318		
.0500	-.9789	.2818	-1.0074	.2719	-.7247	.2709	-.4392	.2517
.1000	-.9783	.3070	-1.0151	.2745	-.6995	.2514	-.4200	.2514
.1500	-.9866	.2729	-1.0189	.2648	-.6752	.2623	-.3989	*******
.2250	-.9984	.2431	-.8984	.2354	-.6311	.2318	-.3679	.1876
.3000	-1.0224	.2023	*******	.1991	-.5959	.1940	-.3513	.1158
.4500	-1.0691	.1360	-.7753	.1341	-.5406	.1261	*******	.0059
.6000	-1.1366	.0741	-.6566	.0770	-.4300	.0443	-.4798	-.0887
.7500	-.9150	.0315	-.5671	.0100	-.5665	-.0629	-.5588	-.1673
.9000	-.9540	-.0233	-.5620	-.1120	-.5889	-.1995	-.5527	-.2803
.9500	-.8223	-.0942	-.6346	-.2069				

TABLE VI.- TEST DATA

(c) Continued.

CONFIG	MACH	ALPHA
6	.95	16.53

X/C	CP UPPER SURFACE (STATION 1)	CP LOWER SURFACE (STATION 1)	CP UPPER SURFACE (STATION 2)	CP LOWER SURFACE (STATION 2)	CP UPPER SURFACE (STATION 3)	CP LOWER SURFACE (STATION 3)	CP UPPER SURFACE (STATION 4)	CP LOWER SURFACE (STATION 4)
.0125	-1.0842	.5736	-1.0386	.4254	-1.0207	.3312	-1.0494	.2510
.0250	-1.0865	.5963	-1.0545	.4736	-1.0504	.3995	-1.0775	.3260
.0500	-1.1542	.6002	-1.0494	.5102	-1.0539	.4364	-1.0814	.3768
.1000	-1.2321	.5720	-1.2267	.4898	-1.0536	.4370	-1.0929	.3836
.1500	-1.2804	.5293	-1.2072	.4603	-1.1430	.4163	-1.0833	.3778
.2250	-.8728	.4740	-1.2037	.4167	-1.2213	.3746	-1.1136	.3432
.3000	-.5266	.4264	-1.2484	.3743	-1.1932	.3348	-1.2005	.3050
.4500	-.4889	*******	-.9549	.2849	-1.2299	.2513	-1.1913	.2257
.6000	-.5480	.2348	-.6805	.1969	-.9661	.1678	-1.0705	.1480
.7500	-.5984	.1332	-.6470	.1118	-1.0386	.0794	-.9871	.0853
.9000	-.4445	.0348	-.3435	-.0005	-.4541	-.0021	-.9859	-.0102
.9500	-.3365	-.0447	-.1934	-.0428	-.3633	-.0220	-.8283	-.0702

X/C	CP UPPER SURFACE (STATION 5)	CP LOWER SURFACE (STATION 5)	CP UPPER SURFACE (STATION 6)	CP LOWER SURFACE (STATION 6)	CP UPPER SURFACE (STATION 7)	CP LOWER SURFACE (STATION 7)	CP UPPER SURFACE (STATION 8)	CP LOWER SURFACE (STATION 8)
.0125								
.0250	-1.0893	.2810	-1.1063	.2416	-.6982	.2024		
.0500	-1.1085	.2977	-1.1197	.2890	-.6889	.2704	-.4602	.2470
.1000	-1.1120	.3535	-1.1098	.3169	-.6687	.2746	-.4458	.2640
.1500	-1.1204	.3426	-1.0807	.3208	-.6479	.2974	-.4317	*******
.2250	-1.1277	.3192	-.9166	.3034	-.6339	.2723	-.4132	.2188
.3000	-1.1261	.2813	*******	.2627	-.6159	.2419	-.4058	.1489
.4500	-1.0574	.2149	-.8069	.1954	-.5779	.1681	*******	.0508
.6000	-.9774	.1316	-.7119	.1127	-.5165	.0767	-.4016	-.0600
.7500	-.8312	.0511	-.6355	.0251	-.5305	-.0408	-.4288	-.1421
.9000	-.8766	-.0658	-.5849	-.1204	-.5699	-.1836	-.4394	-.2574
.9500	-.8862	-.1511	-.5872	-.2108				

TABLE VI.- TEST DATA

(c) Continued

CONFIG	MACH	ALPHA
7	.95	.00

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3	
.0250	.1341	.1277	.1134	.1145	.0845	.1073
.0500	.0926	.0980	.0787	.0712	.0385	.0700
.1000	******	.0429	.0125	.0116	.0155	-.0187
.1500	.0051	-.0502	-.0118	-.0171	-.0387	-.0423
.2250	-.0321	-.0464	-.0551	-.0749	-.0977	-.0957
.3000	-.0749	-.0836	-.1123	-.1105	-.1341	-.1364
.4000	-.1664	-.1655	-.1846	-.1892	-.2480	-.2129
.6000	-.2163	-.2299	-.2507	-.2567	-.2633	-.2900
.7500	-.?18	-.3176	-.3184	-.3397	-.3430	-.3688
.9000	-.0691	-.0647	-.0333	-.0298	-.0556	-.0005
.9500	.0404	.0471	.0837	.0703	.0856	.0849
.9750	.0964	.0958	.1089	.1162	.1199	.1258

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 4		STATION 5		STATION 6	
.0250	.0764	.0636	******	.0287		
.0500	.0414	.0206	.0366	.0018	-.0618	-.0232
.1000	-.0166	-.0289	-.0156	-.0466	-.0566	-.0704
.1500	-.0669	-.0724	-.1082	-.1602	-.1210	-.1436
.2250	-.1187	-.1181	-.1284	-.1383	-.1495	-.1582
.3000	-.1574	-.1620	-.1745	-.1816	-.2001	-.2060
.4500	-.2278	-.2318	-.2590	-.2637	-.2817	-.2887
.6000	-.2928	-.3105	-.3259	-.3246	******	-.3503
.7500	-.3715	-.3861	-.3876	-.4048	-.3777	-.4016
.9000	.0213	.0167	.0432	.0386	.0564	.0502
.9500	.0991	.0967	.1107	.1069	.1216	.1242
.9750						

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.0262	-.0422	-.1643	-.0954	-.1610	-.1621
.1000	-.0813	-.1063	-.1148	-.1470	-.1969	-.2063
.1500	-.1271	-.1454	-.1521	-.1743	-.2382	-.2589
.2250	-.1821	-.1534	-.2026	-.2461	-.3169	-.3224
.3000	-.2330	-.2262	-.2545	-.2679	-.3844	-.3692
.4500	-.3115	******	-.3361	-.3403	-.2855	-.2797
.6000	-.3859	-.3705	-.3854	-.3846	.0882	.0418
.7500	-.2737	-.3112	-.2260	-.1903	.0981	.1230
.9000	.0757	.1015	.1165	.1050		
.9500						
.9750						

TABLE VI.- TEST DATA

(c) Continued

	CONFIG 7	MACH .95	ALPHA 8.6C

	Station 1		Station 2		Station 3	
X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
.0250	-.8593	.5104	-.8504	.4792	-.8568	.4616
.0500	-.8760	.4581	-.8667	.4323	-.8629	.4199
.1000	******	.3809	-.9163	.3570	-.8859	.3535
.1500	-.8572	.3251	-.9285	.3086	-.9105	.2929
.2250	-.1700	.2559	-.9230	.2467	-.9406	.2237
.3000	-.2013	.1947	-.6190	.1772	-.9275	.1666
.4500	-.4314	.0946	-.3415	.0805	-.6368	.0681
.6000	-.4530	.0094	-.4533	-.0049	-.3745	-.0209
.7500	-.5204	-.0717	-.5431	-.0852	-.5297	-.0961
.9000	-.2530	-.0903	-.2103	-.0685	-.1140	-.0435
.9500	-.0320	-.0368	.0265	.0362	.0901	.0419
.9750	.0262	.0113	.0904	.0569	.1293	.0981

	Station 4		Station 5		Station 6	
X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
.0250	-.8564	.4199	******	.4213	-.9273	.3693
.0500	-.8744	.4039	-.8303	.3838	-.9452	.3052
.1000	-.8853	.3315	-.8729	.3180	-.9625	.2459
.1500	-.9054	.2789	-.9332	.2516		
.2250	-.9265	.2113	-.9395	.1974	-.9584	.1913
.3000	-.9493	.1577	-.9455	.1387	-.9596	.1352
.4500	-.9179	.0547	-.9648	.0457	-.9375	.0393
.6000	-.8046	-.0340	-.9513	-.0370	******	-.0457
.7500	-.4855	-.1022	-.7810	-.0973	-.6907	-.1047
.9000	.0784	-.0394	-.4002	-.0665	-.4893	-.1288
.9500	.1189	.0483	-.2923	-.0450	-.4432	-.1499
.9750						

	Station 7		Station 8		Station 9	
X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
.0250						
.0500	-.8757	.3597	-.7278	.3466		
.1000	-.8559	.2959	-.7118	.2898	-.5869	.2539
.1500	-.8412	.2207	-.6999	.2362	-.5783	.1942
.2250	-.8056	.1622	-.6631	.1654	-.5683	.1179
.3000	-.7598	.1294	-.6417	.1172	-.5600	.0303
.4500	-.6865	******	-.5943	.0133	-.5459	-.1188
.6000	-.6125	-.0508	-.5667	-.0899	-.5258	-.2032
.7500	-.5491	-.1349	-.5389	-.1971	-.4809	-.2529
.9000	-.4966	-.1910	-.4700	-.2423	-.4271	-.2452
.9500						
.9750						

TABLE VI.- TEST DATA

(c) Continued

CONFIG	MACH	ALPHA
7	.95	12.82

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3	
.0250	-1.1220	.6175	-1.1576	.5781	-1.0980	.5265
.0500	-1.1153	.5772	-1.1184	.5370	-1.0900	.5064
.1000	*******	.5102	-1.1675	.4774	-1.1047	.4611
.1500	-1.2350	.4787	-1.2177	.4757	-1.1521	.4088
.2250	-1.2104	.3766	-1.2164	.3611	-1.2155	.3425
.3000	-.5656	.3176	-1.2049	.3016	-1.2328	.2873
.4500	-.4733	.2101	-.7439	.1967	-1.1816	.1823
.6000	-.5263	.1096	-.4565	.1032	-.7454	.0815
.7500	-.3790	.0189	-.0534	.0056	-.2154	-.0100
.9000	-.3313	-.0631	-.4042	.0666	-.5343	-.0698
.9500	-.3684	-.0367	-.4763	-.0474	-.4238	-.0698
.9750	-.2013	-.0161	-.3300	-.0263	-.4344	-.0890

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 4		STATION 5		STATION 6	
.0250	-1.0762	.4953	*******	.4715		
.0500	-1.0714	.4644	-.9658	.4631	-.8390	.4445
.1000	-1.0849	.4769	-.9906	.4195	-.7811	.4028
.1500	-1.0954	.3913	-.9621	.3727	-.7578	.3592
.2250	-1.1691	.3268	-.8824	.3159	-.7360	.3072
.3000	-1.2123	.2381	-.8199	.2594	-.6793	.2466
.4500	-1.0836	.1734	-.7908	.1558	-.6755	.1442
.6000	-.7343	.0679	-.6863	.0611	*******	.0499
.7500	-.6469	-.0202	-.6723	-.0322	-.6441	-.0479
.9000	-.6178	-.0903	-.6332	-.1230	-.6175	-.1487
.9500	-.5941	-.1182	-.6236	-.1631	-.6066	-.1795
.9750						

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 7		STATION 8		STATION 9	
.0250			-.4253	.4009		
.0500	-.6729	.4256	-.4673	.3643	-.5615	.3101
.1000	-.6138	.3984	-.4967	.3226	-.5499	.2636
.1500	-.6127	.3534	-.5365	.2594	-.5499	.1868
.2250	-.6341	.1936	-.5547	.2074	-.5521	.1157
.3000	-.8434	.2318	-.5787	.1019	-.5467	-.0357
.4500	-.6345	*******	-.5781	.0142	-.5480	-.1464
.6000	-.6130	.0326	-.5672	-.1410	-.5384	-.2311
.7500	-.6012	-.0797	-.5557	-.2247	-.5364	-.2706
.9000	-.5887	-.1830				
.9500						
.9750						

TABLE VI.- TEST DATA

TABLE VI.- TEST DATA

(c) Continued

CONFIG	MACH	ALPHA
7	.95	16.99

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-1.2909	.6804	-1.2737	.6153	-1.1812	.5729
.0500	-1.2589	.6737	-1.2365	.6160	-1.1495	.5831
.1000	*******	.6265	-1.2329	.5806	-1.0679	.5538
.1500	-1.3485	.5732	-1.2695	.5391	-1.0055	.5098
.2250	-1.3434	.5043	-1.2330	.4747	-.9815	.4453
.3000	-1.2804	.4799	-1.1556	.4119	-1.0266	.3921
.4500	-.5664	.3226	-.9703	.3044	-.9159	.2853
.6000	-.6005	.2110	-.8971	.1953	-.8544	.1784
.7500	-.6934	.1076	-.7388	.0885	-.7635	.0694
.9000	-.5578	-.0171	-.6547	-.0340	-.7264	-.0474
.9500	-.4000	-.0769	-.5440	-.0823	-.6630	-.0993
.9750	-.3713	-.0974	-.4192	-.1207	-.6365	-.1560

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 4		STATION 5		STATION 6	
.0250	-.9383	.5369	*******	.5079		
.0500	-.9799	.5531	-.7902	.5172	-.7422	.4829
.1000	-.9216	.5267	-.8401	.4954	-.7662	.4662
.1500	-.9056	.4865	-.9048	.4460	-.7681	.4389
.2250	-.8973	.4319	-.8760	.4052	-.7575	.3857
.3000	-.8960	.3742	-.8952	.3507	-.8302	.3315
.4500	-.8701	.2648	-.8321	.2468	-.8024	.2272
.6000	-.8263	.1641	-.7912	.1423	*******	.1240
.7500	-.7936	.0582	-.7726	.0396	-.7543	.0214
.9000	-.7504	-.0599	-.7585	-.0851	-.7364	-.1063
.9500	-.7293	-.1121	-.7415	-.1406	-.7255	-.1486
.9750						

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.7572	.4495	-.7322	.4174		
.1000	-.7246	.4367	-.7246	.4043	-.6717	.3446
.1500	-.7646	.4107	-.7127	.3741	-.6589	.3097
.2250	-.7393	.2513	-.7185	.3392	-.6608	.2465
.3000	-.7572	.3100	-.7039	.2779	-.6711	.1811
.4500	-.7335	*******	-.6945	.1740	-.6688	.0268
.6000	-.7191	.1054	-.6961	.0611	-.6749	-.0887
.7500	-.7121	-.0133	-.6942	-.3723	-.6737	-.1839
.9000	-.7328	-.1336	-.6813	-.1740	-.6586	-.2426
.9500						
.9750						

TABLE VI.- TEST DATA

(c) Continued

| | CONFIG 8 | | MACH .95 | | ALPHA -.01 | |
| | CP UPPER SURFACE | CP LOWER SURFACE | CP UPPER SURFACE | CP LOWER SURFACE | CP UPPER SURFACE | CP LOWER SURFACE |
X/C	STATION 1		STATION 2		STATION 3	
.0250	.1517	.1201	.1076	.1166	.0956	.0974
.0500	.0995	.0882	.0709	.0812	.0596	.0493
.1000	******	.0467	.0054	.0164	.0109	-.0021
.1500	.0048	.0072	-.0127	-.0177	-.0347	-.0481
.2250	-.0312	-.0439	-.0606	-.0635	-.0853	-.0948
.3000	-.0792	-.0833	-.1016	-.1182	-.1227	-.1473
.4500	-.1576	-.1608	-.1774	-.1771	-.1966	-.1925
.6000	-.1985	-.2193	-.2139	-.2392	-.2510	-.2648
.7500	-.2151	-.2536	-.1918	-.2482	-.1313	-.1774
.9000	.0469	.0403	.0567	.0499	.0654	.0547
.9500	.1323	.1172	.1365	.1315	.1410	.1344
.9750	.1735	.1759	.1780	.1807	.1819	.1794

X/C	STATION 4		STATION 5		STATION 6	
.0250	.0693	.0805	******	.0393		
.0500	.0486	.0228	.0175	-.0069	.0073	-.0226
.1000	-.0163	-.0164	-.0014	-.0431	-.0646	-.0611
.1500	-.0560	-.0638	-.0908	-.0922	-.1094	-.1287
.2250	-.1147	-.1096	-.1248	-.1325	-.1456	-.1521
.3000	-.1425	-.1550	-.1792	-.1723	-.1872	-.1970
.4500	-.2209	-.2277	-.2426	-.2512	-.2685	-.2685
.6000	-.2695	-.2936	-.2922	-.3143	******	-.3037
.7500	-.0949	-.1153	-.0815	-.1233	-.0780	-.0857
.9000	.0684	.0614	.0776	.0653	.0818	.0704
.9500	.1443	.1386	.1483	.1387	.1499	.1477
.9750						

X/C	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.0123	-.0495	-.0569	-.0562		
.1000	-.0738	-.0832	-.1017	-.1156	-.1222	-.1342
.1500	-.1273	-.1290	-.1401	-.1524	-.1590	-.1665
.2250	-.1593	-.1476	-.1929	-.1941	-.1817	-.2194
.3000	-.2061	-.2239	-.2224	-.2428	-.2025	-.2448
.4500	-.2810	******	-.2075	-.2534	-.1372	-.1428
.6000	-.1305	-.2226	-.1356	-.1550	-.0748	-.0813
.7500	-.0684	-.0518	-.0482	-.0534	-.0197	-.0245
.9000	.0792	.0743	.0850	.0848	.0738	.0460
.9500						
.9750						

TABLE VI.- TEST DATA

(c) Continued

	CONFIG P		MACH .95		ALPHA 8.59	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-.8574	.5167	-.8580	.4867	-.8599	.4695
.0500	-.8644	.4622	-.8452	.4411	-.8574	.4258
.1000	*******	.3917	-.9188	.3643	-.8785	.3573
.1500	-.8916	.3362	-.9434	.3187	-.9156	.3015
.2250	-.1847	.2705	-.9204	.2536	-.9392	.2339
.3000	-.2864	.2093	-.6651	.1943	-.9453	.1416
.4500	-.4227	.1098	-.3702	.1003	-.7054	.0885
.6000	-.4422	.0330	-.4438	.0218	-.3587	.0145
.7500	-.4930	-.0183	-.4934	-.0286	-.3715	-.0369
.9000	.0210	.0206	.0466	.0212	-.0072	.0199
.9500	.0956	.0681	.0875	.0869	.0258	.0843
.9750	.1355	.1223	.1403	.1337	.0758	.1226
	STATION 4		STATION 5		STATION 6	
.0250	-.8721	.4469	*******	.4350	-.9122	.3891
.0500	-.8778	.4127	-.8235	.4000	-.8891	.3314
.1000	-.8906	.3445	-.8581	.3394	-.8680	.2711
.1500	-.9105	.2964	-.9291	.2772	-.8405	.2224
.2250	-.9405	.2310	-.9506	.2253	-.7579	.1692
.3000	-.9540	.1701	-.9467	.1679	-.6491	.0800
.4500	-.9396	.0859	-.9195	.0803	*******	.0018
.6000	-.7943	.0088	-.7867	.0082	-.4816	-.0559
.7500	-.0936	-.0321	-.4724	-.0380	-.4080	-.1085
.9000	-.0254	-.0053	-.3568	-.0437	-.4039	-.1325
.9500	-.0616	.0346	-.3443	-.0627		
.9750						
	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.7240	.3856	-.5841	.3715		
.1000	-.6974	.3253	-.5684	.3154	-.4141	.2852
.1500	-.6785	.2776	-.5594	.2641	-.4013	.2243
.2250	-.6475	.1291	-.5354	.2048	-.3939	.1419
.3000	-.6126	.1618	-.5207	.1467	-.3757	.0589
.4500	-.5383	*******	-.4864	.0518	-.3578	-.0662
.6000	-.4690	-.0085	-.4352	-.0495	-.3514	-.1457
.7500	-.4304	-.0915	-.3853	-.1527	-.3434	-.2031
.9000	-.3898	-.1636	-.3626	-.2043	-.3373	-.2200
.9500						
.9750						

TABLE VI.- TEST DATA

(c) Continued

	CONFIG 8		MACH .95		ALPHA 12.88	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-1.1322	.6148	-1.1168	.5666	-1.1053	.5335
.0500	-1.1258	.5848	-1.0797	.5446	-1.1069	.5169
.1000	*******	.5229	-1.1779	.4891	-1.1181	.4732
.1500	-1.2499	.4617	-1.2314	.4378	-1.1600	.4231
.2250	-1.2472	.3973	-1.2317	.3778	-1.2096	.3574
.3000	-.6599	.3392	-1.2154	.3188	-1.1418	.3022
.4500	-.4721	.2333	-.5076	.2142	-.7111	.2040
.6000	-.0891	.1348	-.3515	.1268	-.6922	.1102
.7500	-.5825	.0544	-.5998	.0384	-.6036	.0215
.9000	-.4030	.0037	-.4395	-.0116	-.5249	-.0378
.9500	-.1032	.0046	-.2577	-.0247	-.4876	-.0692
.9750	-.0405	.0199	-.1717	-.0337	-.4193	-.1083

X/C	STATION 4		STATION 5		STATION 6	
.0250	-.9994	.5047	*******	.4910		
.0500	-.9559	.5000	-.6480	.4813	-.4885	.4650
.1000	-.8868	.4492	-.6448	.4409	-.5333	.4255
.1500	-.7937	.4113	-.6534	.3906	-.5814	.3800
.2250	-.7533	.3494	-.6880	.3441	-.6086	.3222
.3000	-.7258	.2946	-.7159	.2850	-.6092	.2687
.4500	-.7402	.1931	-.6787	.1859	-.6031	.1673
.6000	-.6932	.1016	-.6413	.0919	*******	.0791
.7500	-.6276	.0136	-.6208	.0037	-.5708	-.0213
.9000	-.5940	-.0670	-.5836	-.0912	-.5570	-.1239
.9500	-.5723	-.1080	-.5695	-.1425	-.5474	-.1617
.9750						

X/C	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.5462	.4368	-.5622	.4079		
.1000	-.5798	.4002	-.5606	.3745	-.4930	.3251
.1500	-.5798	.3566	-.5590	.3338	-.4930	.2777
.2250	-.5846	.2010	-.5583	.2828	-.4949	.2032
.3000	-.5869	.2491	-.5558	.2260	-.4972	.1275
.4500	-.5644	*******	-.5301	.1227	-.5013	-.0133
.6000	-.5542	.0589	-.5305	.0104	-.5090	-.1226
.7500	-.5471	-.0540	-.5247	-.1146	-.5068	-.2050
.9000	-.5337	-.1605	-.5180	-.1986	-.4949	-.2458
.9500						
.9750						

(c) Continued

	CONFIG 8		MACH .95		ALPHA 17.22	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-1.2729	.6969	-1.1501	.6311	-1.0123	.5850
.0500	-1.2329	.6864	-1.0838	.6359	-1.0164	.5994
.1000	******	.6483	-1.1142	.6017	-1.0216	.5707
.1500	-1.2261	.5949	-1.0899	.5630	-1.0152	.5304
.2250	-1.1463	.5262	-1.0443	.4965	-1.0004	.4751
.3000	-1.0838	.4674	-1.0030	.4406	-.9735	.4198
.4500	-.8404	.3553	-.9244	.3351	-.8712	.3223
.6000	-.7577	.2523	-.8109	.2370	-.8202	.2204
.7500	-.6263	.1510	-.7455	.1398	-.7673	.1181
.9000	-.5282	.0561	-.6577	.0357	-.7116	.0091
.9500	-.4099	.0059	-.5599	-.0164	-.6699	-.0495
.9750	-.3143	-.0238	-.5012	-.0780	-.6327	-.1146
	STATION 4		STATION 5		STATION 6	
.0250	-1.0039	.5454	******	.5142		
.0500	-.9870	.5636	-.8341	.5312	-.7750	.5058
.1000	-.9741	.5381	-.8607	.5142	-.7619	.4891
.1500	-.9767	.5103	-.8758	.4659	-.7526	.4682
.2250	-.9536	.4566	-.8443	.4351	-.7292	.4158
.3000	-.9251	.4054	-.8177	.3837	-.7199	.3653
.4500	-.8475	.3025	-.7827	.2859	-.7070	.2638
.6000	-.8071	.2028	-.7635	.1914	******	.1683
.7500	-.7738	.1031	-.7442	.0873	-.7035	.0603
.9000	-.7343	-.0148	-.7208	-.0409	-.6849	-.0702
.9500	-.7096	-.0729	-.7073	-.1029	-.6814	-.1152
.9750						
	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.6961	.4682	-.6762	.4277		
.1000	-.6865	.4634	-.6762	.4299	-.6473	.3644
.1500	-.6894	.4341	-.6704	.3997	-.6448	.3303
.2250	-.6823	.2769	-.6740	.3612	-.6409	.2708
.3000	-.6874	.3409	-.6753	.3068	-.6374	.2004
.4500	-.6887	******	-.6592	.2085	-.6319	.0629
.6000	-.6839	.1448	-.6582	.0969	-.6313	-.0531
.7500	-.6778	.0259	-.6480	-.0329	-.6233	-.1473
.9000	-.6595	-.1004	-.6400	-.1386	-.6079	-.2106
.9500						
.9750						

TABLE VI.- TEST DATA

(d) Mach = 1.03

CONFIG 1 MACH 1.03 ALPHA -.02

X/C	CP UPPER SURFACE Station 1	CP LOWER SURFACE Station 1	CP UPPER SURFACE Station 2	CP LOWER SURFACE Station 2	CP UPPER SURFACE Station 3	CP LOWER SURFACE Station 3	CP UPPER SURFACE Station 4	CP LOWER SURFACE Station 4
.0125	.1535	.1485	.1374	.1095	.1090	.1021	.0951	.0714
.0250	.1317	.1307	.1063	.1009	.0856	.0786	.0479	.0479
.0500	.1163	.0914	.0927	.0801	.0515	.0467	.0249	.0247
.1000	.1178	.0658	.0467	.0375	.0143	.0086	-.0039	-.0247
.1500	.0482	.0393	.0128	.0071	-.0171	-.0206	-.0448	-.0486
.2250	.0067	.0035	-.0275	-.0307	-.0565	-.0612	-.0858	-.0979
.3000	-.0213	-.0247	-.0547	-.0704	-.0923	-.1000	-.1248	-.1350
.4500	******	-.0881	-.1204	-.1335	-.1568	-.1696	-.1932	-.2022
.6000	-.1416	-.1502	-.1882	-.1897	-.2165	-.2139	-.2488	-.2631
.7500	-.2076	-.2100	-.2440	-.2614	-.2753	-.2897	-.2918	-.3250
.9000	-.2449	-.2569	-.2500	-.2679	-.2153	-.2342	-.1078	-.1442
.9500	-.1717	-.1756	-.1075	-.1165	-.0535	-.0681	-.0258	-.0416

X/C	CP UPPER SURFACE Station 5	CP LOWER SURFACE Station 5	CP UPPER SURFACE Station 6	CP LOWER SURFACE Station 6	CP UPPER SURFACE Station 7	CP LOWER SURFACE Station 7	CP UPPER SURFACE Station 8	CP LOWER SURFACE Station 8
.0125			.0042	-.0284	-.0264	-.0745		
.0250	.0281	.0147	-.0443	-.0569	-.0676	-.0913	-.0536	-.0937
.0500	-.0123	-.0159	-.0876	-.1047	-.1130	-.1343	-.1026	-.1308
.1000	-.0398	-.0446	-.1106	-.1263	-.1381	-.1697	******	-.1711
.1500	-.0775	-.0883	-.1548	-.1550	-.1674	-.1993	-.1785	-.1921
.2250	-.1214	-.1346	-.1919	******	-.1928	-.2477	-.2119	-.2244
.3000	-.1554	-.1729	-.2600	-.2684	-.2436	-.2759	-.3001	******
.4500	-.2248	-.2355	-.3025	-.3222	-.3093	-.3127	-.3114	-.3486
.6000	-.2938	-.2932	-.3030	-.3522	-.1151	-.1819	.0039	.0320
.7500	-.3398	-.3462	.0357	.0410	.0588	.0844	.1323	.1542
.9000	.0699	-.0413	.0867	.0934				
.9500	.0732	.0446						

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TABLE VI.- TEST DATA

(d) Continued

CONFIG 1 MACH 1.03 ALPHA 4.07

| | STATION 1 | | STATION 2 | | STATION 3 | | STATION 4 | |
| | CP UPPER SURFACE | CP LOWER SURFACE | CP UPPER SURFACE | CP LOWER SURFACE | CP UPPER SURFACE | CP LOWER SURFACE | CP UPPER SURFACE | CP LOWER SURFACE |
X/C								
.0125	-.2778	.3255	-.3106	.3008	-.3518	.2909	-.4002	.2707
.0250	-.2598	.2951	-.3190	.2796	-.3614	.2639	-.4109	.2412
.0500	-.1762	.2338	-.3378	.2347	-.3868	.2228	-.4154	.2088
.1000	-.0275	.2013	-.2461	.1840	-.3874	.1635	-.4241	.1394
.1500	-.0571	.1626	-.0786	.1421	-.2733	.1245	-.4062	.1057
.2250	-.0926	.1203	-.1263	.0953	-.1613	.0736	-.3285	.0432
.3000	-.1159	.0855	-.1541	.0492	-.1914	.0271	-.2688	.0060
.4500	******	.0096	-.2180	-.0253	-.2515	-.0540	-.2936	-.0785
.6000	-.2052	-.0570	-.2751	-.0916	-.3151	-.1308	-.3458	-.1505
.7500	-.2825	-.1245	-.3228	-.1583	-.3664	-.1876	-.3874	-.2162
.9000	-.3337	-.1816	-.2748	-.2046	-.1574	-.1974	-.0359	-.0860
.9500	-.1658	-.1696	-.0744	-.1259	-.0062	-.0617	.0574	-.0444

| | STATION 5 | | STATION 6 | | STATION 7 | | STATION 8 | |
| | CP UPPER SURFACE | CP LOWER SURFACE | CP UPPER SURFACE | CP LOWER SURFACE | CP UPPER SURFACE | CP LOWER SURFACE | CP UPPER SURFACE | CP LOWER SURFACE |
X/C								
.0125								
.0250	-.4570	.2186	-.5392	.1926	-.6103	.1621	-.6596	.1980
.0500	-.4639	.1758	-.5141	.1528	-.6252	.1288	-.6919	.1222
.1000	-.4872	.1255	-.4860	.0944	-.6294	.0926	******	.0683
.1500	-.4881	.0725	-.4707	.0528	-.6232	.0402	-.6399	.0114
.2250	-.4693	.0159	-.4749	-.0134	-.6022	.0192	-.6031	-.0359
.3000	-.4139	-.0296	-.4782	******	-.5595	-.0263	-.5105	******
.4500	-.3557	-.1089	-.4677	-.1215	-.4845	-.0721	-.3787	-.1523
.6000	-.3900	-.1600	-.4576	-.1616	-.4160	-.1274	-.2538	-.1328
.7500	-.4101	-.2325	-.2756	-.1146	-.1450	-.0643	-.1025	-.0119
.9000	.0001	.0171	-.0317	.0192	.0232	-.0517		
.9500	.0571	.0546	.0193	.0408				

TABLE VI.- TEST DATA

(d) Continued

CONFIG	MACH	ALPHA
1	1.03	8.19

	CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1			STATION 2			STATION 3			STATION 4	
.0125	-.5628	.4396		-.5604	.3780		-.5852	.3482		-.6142	.3090
.0250	-.5715	.4265		-.5805	.3831		-.5930	.3557		-.6336	.3259
.0500	-.6455	.3744		-.5921	.3509		-.6085	.3408		-.6360	.3226
.1000	-.5972	.3387		-.6670	.3104		-.6420	.2935		-.6425	.2825
.1500	-.0649	.2991		-.7103	.2706		-.6748	.2563		-.6688	.2497
.2250	-.1413	.2479		-.6013	.2250		-.7232	.2134		-.7040	.1994
.3000	-.1864	.2110		-.1386	.1875		-.7085	.1708		-.7229	.1625
.4500	******	.1369		-.2479	.1131		-.4345	.0952		-.7118	.0857
.6000	-.2613	.0708		-.2959	.0491		-.2401	-.0096		-.6342	.0184
.7500	-.3285	.0092		-.3336	-.0155		-.3306	-.0313		-.4986	-.0516
.9000	-.2550	-.0424		-.2082	-.0743		-.1290	-.0280		-.0911	.0300
.9500	-.0968	-.0618		-.0252	-.0188		-.0249	.0443		.0576	.0925

X/C	STATION 5			STATION 6			STATION 7			STATION 8	
.0125											
.0250	-.6613	.2960		-.7004	.2847		-.7357	.2697			
.0500	-.6613	.2916		-.7136	.2874		-.7575	.2685		-.4775	.2907
.1000	-.6458	.2676		-.7115	.2508		-.7656	.2523		-.4655	.2628
.1500	-.6976	.2311		-.7028	.2233		-.7664	.2113		******	.2224
.2250	-.7046	.1826		-.7067	.1230		-.7641	.1790		-.4333	.1814
.3000	-.7234	.1419		-.7112	******		-.7076	.1458		-.4169	.1311
.4500	-.7449	.0697		-.7258	.0623		-.5908	.1119		-.4004	******
.6000	-.7536	.0027		-.6714	.0422		-.5546	.0512		-.3694	-.1110
.7500	-.7034	.0138		-.5280	.0236		-.6311	-.0374		-.3192	-.1741
.9000	-.3903	.0587		-.4581	-.0219		-.6499	-.1484		-.2708	-.2250
.9500	-.2699	.0623		-.4405	-.0913						

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TABLE VI.- TEST DATA

(d) Continued

CONFIG	MACH	ALPHA
1	1.03	12.33

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.7750	.5382	-.7244	.4342	-.7208	.3807	-.7399	.3233
.0250	-.7959	.5465	-.7387	.4689	-.7402	.4229	-.7682	.3810
.0500	-.9130	.5067	-.7312	.4725	-.7467	.4392	-.7694	.4083
.1000	-.9139	.4865	-.8332	.4428	-.7533	.4104	-.7739	.3866
.1500	-.8382	.4466	-.8451	.4077	-.7733	.3839	-.7837	.3631
.2250	-.2288	.3973	-.8838	.3631	-.8069	.3421	-.8019	.3171
.3000	-.1955	.3510	-.8942	.3207	-.8466	.2993	-.8290	.2761
.4500	******	.2699	-.3385	.2390	-.9243	.2146	-.9151	.2012
.6000	-.2881	.1932	-.3221	.1647	-.7640	.0797	-.9613	.1189
.7500	-.3728	.1243	-.3826	.0892	-.4699	.0619	-.9658	.0411
.9000	-.3331	.0360	-.2998	-.0074	-.2282	-.0041	-.6818	.0090
.9500	-.1633	-.0192	-.0950	-.0258	-.0772	.0176	-.4828	-.0041

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.7801	.3404	-.8359	.2986	-.8663	.2624		
.0500	-.7894	.3685	-.8398	.3344	-.8741	.2947	-.5532	.2958
.1000	-.8031	.3634	-.8424	.3282	-.8821	.3156	-.5266	.2917
.1500	-.8138	.3353	-.8424	.3162	-.8842	.2887	******	.2672
.2250	-.8243	.2962	-.8490	.1967	-.8815	.2553	-.4745	.2281
.3000	-.6419	.2570	-.8603	******	-.8466	.2212	-.4521	.1794
.4500	-.8821	.1791	-.8824	.1662	-.6930	.1713	-.4258	******
.6000	-.9429	.1074	-.7983	.1062	-.6110	.0850	-.3811	-.0767
.7500	-.9307	.0476	-.7297	.0342	-.7136	-.0277	-.3403	-.1531
.9000	-.8335	-.0196	-.7882	-.0701	-.7530	-.1483	-.3107	-.2218
.9500	-.8162	-.0862	-.7923	-.1343				

TABLE VI.- TEST DATA

(d) Continued

| | CONFIG 1 | | | MACH 1.03 | | | ALPHA 16.48 | | |

	CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1			STATION 2			STATION 3			STATION 4	
.0125	-.9000	.6080		-.8377	.4611		-.8484	.3981		-.8541	.3140
.0250	-.9337	.6410		-.8672	.5313		-.8630	.4638		-.8898	.4046
.0500	-1.0517	.6172		-.8475	.5527		-.8815	.5030		-.8967	.4552
.1000	-1.0499	.6118		-.9996	.5449		-.8600	.4989		-.9074	.4578
.1500	-1.0666	.5735		-1.0189	.5188		-.8839	.4795		-.9053	.4474
.2250	-.7518	.5224		-.9918	.4751		-1.0031	.4433		-.9050	.4070
.3000	-.3997	.4790		-1.0124	.4344		-.9832	.4023		-.9778	.3755
.4500	******	.3850		-.8374	.3479		-1.0010	.3181		-1.0007	.2946
.6000	-.3848	.3018		-.5708	.2673		-1.0607	.1582		-1.0234	.2099
.7500	-.4716	.2183		-.5225	.1781		-.9292	.1430		-1.0538	.1124
.9000	-.4415	.1044		-.3830	.0545		-.5717	.0173		-.9772	-.0817
.9500	-.2835	.0313		-.2161	-.0184		-.4322	-.0252		-.8452	-.0528

X/C	STATION 5			STATION 6			STATION 7			STATION 8	
.0125											
.0250	-.9055	.3462		-.9398	.2862		-.9347	.2371			
.0500	-.9102	.4066		-.9398	.3573		-.9616	.2987		-.5319	.2826
.1000	-.9207	.4231		-.9472	.3806		-.9347	.3537		-.5024	.3020
.1500	-.9416	.4099		-.9529	.3749		-.8545	.3343		******	.2966
.2250	-.9454	.3758		-.9592	.2479		-.7399	.3190		-.4341	.2652
.3000	-.9392	.3465		-.9654	******		-.6829	.2847		-.4180	.2237
.4500	-1.0245	.2655		-.9645	.2428		-.5889	.2279		-.4078	******
.6000	-1.0251	.1851		-.7823	.1600		-.5373	.1319		-.4203	-.0262
.7500	-.8437	.0922		-.6790	.0665		-.4946	.0186		-.4397	-.1164
.9000	-.8491	-.0223		-.6253	-.0495		-.6468	-.1119		-.4911	-.2144
.9500	-.9553	-.0952		-.6888	-.1146						

TABLE VI.- TEST DATA

(d) Continued

| | CONFIG 2 | | MACH 1.03 | | | | ALPHA .01 | |

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1512	.1456	.1267	.1219	.0996	.0960	.0757	.0726
.0250	.1422	.1427	.1101	.1085	.0787	.0785	.0425	.0512
.0500	.1313	.1180	.0980	.0954	.0554	.0556	.0204	.0324
.1000	.0926	.0910	.0597	.0571	.0201	.0200	-.0056	-.0112
.1500	.0666	.0601	.0258	.0197	-.0125	-.0106	-.0437	-.0363
.2250	.0249	.0215	-.0169	-.0157	-.0491	-.0485	-.0819	-.0849
.3000	-.0068	-.0100	-.0491	-.0541	-.0855	-.0860	-.1203	-.1203
.4500	*******	-.0774	-.1138	-.1191	-.1513	-.1576	-.1856	-.1919
.6000	-.1328	-.1376	-.1787	-.1788	-.2085	-.2002	-.2455	-.2539
.7500	-.2023	-.2002	-.2389	-.2461	-.2678	-.2783	-.2836	-.3117
.9000	-.2368	-.2438	-.2321	-.2423	-.1912	-.1996	-.1275	-.1352
.9500	-.1647	-.1659	-.1025	-.1069	-.0652	-.0682	-.0456	-.0483

X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.0411	.0476	.0007	-.0160	-.0176	-.0772	-.0685	-.1041
.0500	-.0065	.0129	-.0417	-.0537	-.0656	-.0871	-.1136	-.1543
.1000	-.0417	-.0334	-.0912	-.0982	-.1148	-.1325	*******	-.2027
.1500	-.0790	-.0811	-.1076	-.1205	-.1440	-.1668	-.1839	-.2322
.2250	-.1165	-.1301	-.1544	-.1474	-.1863	-.2012	-.2161	-.2669
.3000	-.1631	-.1668	-.1914	*******	-.2319	-.2439	-.3073	*******
.4500	-.2230	-.2310	-.2671	-.2657	-.2865	-.2779	-.3214	-.3603
.6000	-.2859	-.2866	-.3187	-.3176	-.3333	-.3412	-.0304	-.0940
.7500	-.3336	-.3445	-.3509	-.3556	-.2438	-.3576	.1030	.1190
.9000	-.0787	-.1065	-.0094	-.0569	.0399	.0070		
.9500	.0133	-.0316	.0629	.0249				

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TABLE VI.- TEST DATA

(d) Continued

CONFIG	MACH	ALPHA
2	1.03	4.30

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.0622	.2640	-.1043	.2182	-.1406	.1813	-.1478	.1225
.0250	.0122	.2307	-.0408	.1840	-.0718	.1454	-.0965	.0928
.0500	.0582	.1674	.0289	.1454	-.0214	.1026	-.0667	.0720
.1000	.0763	.1264	.0008	.0937	-.0369	.0580	-.0846	.0304
.1500	.0129	.0889	-.0274	.0536	-.0649	.0238	-.1147	.0164
.2250	-.0169	.0491	-.0593	.0173	-.1010	-.0136	-.1561	-.0148
.3000	-.0473	.0128	-.0891	-.0279	-.1347	-.0488	-.2023	-.0395
.4500	*******	-.0533	-.1520	-.0870	-.2089	-.1013	-.2774	-.0962
.6000	-.1546	-.1132	-.2238	-.1335	-.2792	-.1436	-.3328	-.1573
.7500	-.2417	-.1606	-.2924	-.1818	-.3424	-.1967	-.3716	-.2181
.9000	-.2772	-.1937	-.2485	-.2039	-.1701	-.1928	-.0900	-.1612
.9500	-.1654	-.1573	-.0950	-.1195	-.0566	-.0926	.0004	-.0614

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.3981	.1375	-.5168	.1838	-.5949	.1680		
.0500	-.3844	.1179	-.5132	.1444	-.6095	.1375	-.6575	.1531
.1000	-.2078	.0832	-.5311	.0960	-.6205	.0972	-.6781	.0852
.1500	-.2299	.0458	-.5585	.0569	-.6202	.0398	*******	.0398
.2250	-.2567	.0028	-.4989	-.0062	-.6032	-.0110	-.6447	-.0038
.3000	-.2958	-.0375	-.3447	*******	-.5928	-.0549	-.6071	-.0334
.4500	-.3453	-.1077	-.3769	-.1188	-.5392	-.1173	-.5168	*******
.6000	-.3960	-.1657	-.4273	-.1881	-.4312	-.1932	-.5289	-.1854
.7500	-.4043	-.2356	-.2081	-.2469	-.1956	-.0809	-.1792	-.1451
.9000	-.0441	-.1191	.0294	-.0235	.0085	-.0486	-.0608	.0013
.9500	.0031	-.0501	.0474	.0162				

TABLE VI.- TEST DATA

(d) Continued

	CONFIG 2		MACH 1.03				ALPHA 8.65	

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.2285	.3346	-.2762	.1762	-.2395	.1032	-.4127	.1320
.0250	-.2476	.2888	-.2777	.1525	-.2106	.0844	-.4556	.1516
.0500	-.1925	.2054	-.2425	.1118	-.1424	.0660	-.4955	.1554
.1000	-.0539	.1266	-.1183	.0678	-.1090	.0512	-.3152	.1480
.1500	-.0912	.0717	-.0867	.0324	-.1281	.0500	-.2702	.1424
.2250	-.0959	.0336	-.1102	.0114	-.1785	.0524	-.3087	.1147
.3000	-.1058	.0013	-.1329	-.0056	-.2214	.0488	-.3343	.0919
.4500	******	-.0342	-.2136	-.0097	-.2896	.0230	-.3671	.0420
.6000	-.1999	-.0410	-.2854	-.0306	-.3328	-.0422	-.3763	.0176
.7500	-.2845	-.0601	-.3432	-.0673	-.3763	-.0267	-.4136	-.0416
.9000	-.2911	-.0640	-.2032	-.0565	-.1478	-.0446	-.1224	-.0282
.9500	-.1195	-.0512	-.0587	-.0213	-.0515	-.0071	-.0817	-.0235
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.6135	.2268	-.6642	.2468	-.6880	.2674		
.0500	-.6797	.2319	-.6865	.2504	-.7137	.2746	-.7784	.2707
.1000	-.7313	.2122	-.6922	.2322	-.7313	.2641	-.7855	.2483
.1500	-.7973	.1802	-.7268	.2143	-.7327	.2226	******	.2143
.2250	-.5130	.1399	-.7357	.1255	-.7503	.1859	-.7307	.1700
.3000	-.4212	.1094	-.8055	******	-.7825	.1444	-.6928	.1246
.4500	-.3580	.0583	-.8934	.0422	-.7757	.0987	-.5604	******
.6000	-.4054	.0177	-.6612	.0291	-.7778	.0192	-.4403	-.1119
.7500	-.2835	-.0268	-.2954	-.0214	-.8001	-.0584	-.4600	-.1480
.9000	-.0957	-.0423	-.0832	-.0510	-.5995	-.1059	-.5637	-.1743
.9500	-.0653	-.0468	-.0522	-.0462				

TABLE VI.- TEST DATA

(d) Continued

| | CONFIG 2 | | MACH 1.03 | | ALPHA 13.09 | |

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.3449	.3256	-.5132	.5722	-.4566	.1477	-.5454	.2112
.0250	-.3583	.2757	-.5192	.0713	-.4733	.1765	-.5886	.2742
.0500	-.3026	.1910	-.5618	.0618	-.5221	.2175	-.6404	.3101
.1000	-.1751	.1102	-.1096	.0770	-.5570	.2329	-.6815	.3137
.1500	-.2436	.0595	-.1123	.1085	-.2394	.2397	-.7500	.3057
.2250	-.1343	.0393	-.1686	.1524	-.2621	.2442	-.5606	.2783
.3000	-.1233	.0666	-.1841	.1714	-.3095	.2287	-.4724	.2516
.4500	******	.1298	-.2642	.1676	-.3801	.1794	-.4778	.1863
.6000	-.2344	.1221	-.3509	.1292	-.4343	.0734	-.6183	.1114
.7500	-.3553	.0829	-.4247	.0701	-.4971	.0517	-.5433	.0348
.9000	-.3929	.3125	-.3664	-.0157	-.2749	-.0297	-.2374	-.0490
.9500	-.2192	-.0252	-.1847	.0413	-.1900	-.0526	-.2283	-.0614

X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.6499	.2918	-.7107	.2685	-.7831	.2369	-.8106	.2560
.0500	-.6520	.3282	-.7361	.3187	-.8004	.2709	-.7843	.2649
.1000	-.7366	.3321	-.7635	.3193	-.8156	.3031	******	.2452
.1500	-.7569	.3175	-.7831	.3037	-.8123	.2787	-.6526	.2181
.2250	-.9061	.2811	-.8064	.2004	-.8323	.2506	-.5355	.1742
.3000	-.8934	.2470	-.8254	******	-.8520	.2088	-.4756	******
.4500	-.7936	.1774	-.8821	.1652	-.7742	.1580	-.4166	-.0638
.6000	-.7030	.1067	-.9336	.0932	-.6824	.0709	-.3609	-.1483
.7500	-.4771	.0255	-.8404	.0135	-.7119	-.0315	-.3573	-.0250
.9000	-.3412	-.0489	-.6568	-.0763	-.7968	-.1429		
.9500	-.2953	-.0909	-.5906	-.1295				

TABLE VI.- TEST DATA

(d) Continued

CONFIG	MACH	ALPHA
2	1.03	17.30

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.5468	.2634	-.6991	.1134	-.7229	.1929	-.7434	.1878
.0250	-.5783	.2498	-.7262	.1727	-.7729	.2673	-.7628	.2863
.0500	-.6613	.2068	-.8148	.2157	-.7973	.3216	-.7886	.3560
.1000	-.4043	.2035	-.7699	.2706	-.8193	.3456	-.7901	.3794
.1500	-.2784	.2059	-.3234	.2949	-.8544	.3530	-.8038	.3845
.2250	-.3168	.2332	-.3602	.3088	-.6958	.3465	-.8853	.3631
.3000	-.3013	.2602	-.4296	.3065	-.6116	.3293	-.9115	.3388
.4500	*******	.2599	-.4614	.2753	-.5813	.2786	-.8347	.2738
.6000	-.3721	.2240	-.4882	.2225	-.6021	.1457	-.8089	.1979
.7500	-.4754	.1730	-.5450	.1490	-.6467	.1273	-.7943	.1056
.9000	-.4962	.0745	-.4480	.0386	-.4221	.0095	-.5373	-.0166
.9500	-.3266	.0113	-.2969	-.0240	-.3635	-.0472	-.5101	-.0727

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.7369	.2795	-.7780	.2503	-.8488	.2088	-.8000	.2467
.0500	-.7375	.3496	-.7896	.3227	-.8575	.2735	-.7575	.2795
.1000	-.7890	.3842	-.8134	.3535	-.8685	.3332	*******	.2843
.1500	-.8039	.3800	-.8295	.3576	-.8652	.3198	-.5732	.2625
.2250	-.8164	.3606	-.8581	.2464	-.8819	.3037	-.5250	.2309
.3000	-.8423	.3326	-.8747	*******	-.8813	.2768	-.5280	*******
.4500	-.9229	.2631	-.8944	.2410	-.7575	.2237	-.4795	-.0145
.6000	-.9044	.1817	-.7950	.1596	-.6453	.1304	-.4075	-.1135
.7500	-.8872	.0842	-.7777	.0636	-.6194	.0236	-.3652	-.2128
.9000	-.7613	-.0324	-.8351	-.0524	-.6488	-.1063		
.9500	-.7301	-.0989	-.8462	-.1171				

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TABLE VI.- TEST DATA

(d) Continued

CONFIG	MACH	ALPHA
3	1.03	.00

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.0951	.1599	.0996	.1457	.1138	.1290	.1020	.0850
.0250	.0805	.1397	.0917	.1234	.0945	.0999	.0579	.0512
.0500	.0582	.0984	.0860	.0925	.0739	.0592	.0373	.0363
.1000	.0467	.0702	.0591	.0544	.0334	.0209	.0047	-.0121
.1500	.0343	.0405	.0394	.0232	-.0020	-.0106	-.0388	-.0375
.2250	.0301	.0096	.0023	-.0166	-.0438	-.0479	-.0799	-.0867
.3000	.0177	-.0157	-.0370	-.0595	-.0820	-.0918	-.1169	-.1264
.4500	******	-.0801	-.1079	-.1252	-.1452	-.1624	-.1863	-.1956
.6000	-.1279	-.1392	-.1774	-.1806	-.2113	-.2051	-.2441	-.2567
.7500	-.2012	-.2015	-.2373	-.2501	-.2719	-.2841	-.2832	-.3155
.9000	-.2415	-.2504	-.2578	-.2612	-.2355	-.2352	-.1705	-.1768
.9500	-.1765	-.1696	-.1163	-.1129	-.0772	-.0763	-.0551	-.0528

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.0372	.0216	.0043	-.0175	-.0199	-.0755		
.0500	.0366	-.0056	-.0366	-.0531	-.0647	-.0913	-.0967	-.1116
.1000	-.0050	-.0408	-.0769	-.0997	-.1157	-.1325	-.1431	-.1690
.1500	-.0754	-.0841	-.1070	-.1212	-.1416	-.1660	******	-.2168
.2250	-.1171	-.1286	-.1482	-.1475	-.1833	-.2000	-.2045	-.2466
.3000	-.1562	-.1681	-.1920	******	-.2245	-.2430	-.2176	-.2759
.4500	-.2251	-.2329	-.2549	-.2645	-.2871	-.2840	-.2988	******
.6000	-.2892	-.2878	-.3235	-.3243	-.3459	-.3532	-.3453	-.3810
.7500	-.3408	-.3449	-.3608	-.3721	-.2937	-.3694	-.0408	-.0062
.9000	-.1067	-.1155	-.0017	-.0480	.0507	.0515	.1366	.1531
.9500	.0022	-.0214	.0767	.0368				

TABLE VI.- TEST DATA

(d) Continued

	CONFIG 3			MACH 1.03				ALPHA 4.12	

	CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1			STATION 2			STATION 3			STATION 4	
.0125	-.3593	.3152		-.3906	.2997		-.3346	.2962		-.3550	.2748
.0250	-.3832	.2840		-.3948	.2775		-.3385	.2644		-.3695	.2484
.0500	-.3188	.2308		-.4159	.2344		-.3444	.2243		-.3727	.2165
.1000	-.1687	.1958		-.3161	.1824		-.3706	.1694		-.3849	.1506
.1500	-.1067	.1625		-.0665	.1411		-.3480	.1290		-.3855	.1120
.2250	-.0837	.1186		-.0757	.0963		-.2327	.0788		-.3429	.0485
.3000	-.0692	.0826		-.1165	.0562		-.1508	.0318		-.2944	.0096
.4500	*******	.0179		-.1967	-.0196		-.2273	-.0503		-.2893	-.0720
.6000	-.1847	-.0506		-.2619	-.0863		-.3003	-.1257		-.3385	-.1498
.7500	-.2723	-.1206		-.3167	-.1531		-.3587	-.1850		-.3793	-.2151
.9000	-.2971	-.1773		-.2756	-.2002		-.2342	-.2077		-.1657	-.1749
.9500	-.1707	-.1659		-.1070	-.1334		-.0593	-.0938		-.0411	-.0632

X/C	STATION 5			STATION 6			STATION 7			STATION 8	
.0125											
.0250	-.4399	.2258		-.5255	.2011		-.6047	.1661			
.0500	-.4423	.1858		-.5159	.1616		-.6173	.1354		-.6664	.1422
.1000	-.4414	.1330		-.4900	.1013		-.6250	.0927		-.7010	.0694
.1500	-.4756	.0861		-.4781	.0574		-.6205	.0362		*******	.0234
.2250	-.4447	.0276		-.4703	-.0047		-.6030	-.0110		-.6471	-.0074
.3000	-.3942	-.0196		-.4781	*******		-.5797	-.0674		-.5985	-.0528
.4500	-.3532	-.0978		-.4831	-.1092		-.5240	-.1196		-.5004	*******
.6000	-.3874	-.1605		-.5013	-.1847		-.4211	-.1987		-.3743	-.1868
.7500	-.4390	-.2304		-.3287	-.2522		-.1651	-.1002		-.2277	-.0719
.9000	-.0900	-.1226		-.0584	.0135		-.0101	-.0426		-.1031	-.0241
.9500	.0055	-.0402		.0019	.0422						

TABLE VI.- TEST DATA

(d) Continued

| | CONFIG 3 | | MACH 1.03 | | | | ALPHA 8.26 | |

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.6166	.4300	-.6267	.3765	-.5859	.3427	-.5808	.3037
.0250	-.6428	.4175	-.6488	.3801	-.5912	.3551	-.5921	.3269
.0500	-.7334	.3715	-.6571	.3528	-.5993	.3415	-.5993	.3195
.1000	-.7233	.3358	-.7334	.3135	-.6264	.2927	-.6067	.2788
.1500	-.1194	.3022	-.7584	.2773	-.6753	.2577	-.6404	.2467
.2250	-.1507	.2517	-.6589	.2289	-.7531	.2104	-.6994	.1968
.3000	-.1540	.2104	-.0867	.1825	-.7492	.1679	-.7388	.1575
.4500	******	.1353	-.2139	.1073	-.3895	.0886	-.7477	.0800
.6000	-.2434	.0681	-.3045	.0428	-.2569	-.0065	-.6723	.0218
.7500	-.3200	.0134	-.3573	-.0190	-.3328	-.0291	-.5126	-.0488
.9000	-.2381	-.0369	-.1796	-.0739	-.1179	-.0324	-.0580	.0461
.9500	-.0831	-.0745	-.0077	-.0270	.0500	.0521	.0809	.0996

X/C	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.62?2	.2967	-.6861	.2857	-.7228	.2708		
.0500	-.6166	.2979	-.6977	.2926	-.7457	.2719	-.4529	.3051
.1000	-.6440	.2737	-.6974	.2577	-.7573	.2633	-.4329	.2773
.1500	-.6528	.2379	-.6920	.2298	-.7562	.2247	******	.2388
.2250	-.6843	.1874	-.6837	.1393	-.7567	.1871	-.4076	.1910
.3000	-.7108	.1477	-.6956	******	-.6980	.1602	-.3870	.1465
.4500	-.7293	.0784	-.7144	.0739	-.5805	.1247	-.3798	******
.6000	-.7585	.0100	-.6488	.0598	-.5429	.0640	-.3396	-.0943
.7500	-.7022	.0288	-.5060	.0377	-.6178	-.0247	-.2883	-.1621
.9000	-.4252	.0652	-.4460	-.0238	-.6190	-.1373	-.2450	-.2102
.9500	-.3005	.0545	-.4275	-.0868				

TABLE VI.- TEST DATA

(d) Continued

CONFIG 3   MACH 1.03   ALPHA 12.38

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE STATION 1	CP UPPER SURFACE STATION 2	CP LOWER SURFACE STATION 2	CP UPPER SURFACE STATION 3	CP LOWER SURFACE STATION 3	CP UPPER SURFACE STATION 4	CP LOWER SURFACE STATION 4
.0125	-.7974	.5299	-.7804	.4291	-.7208	.3795	-.6981	.3257
.0250	-.8299	.5349	-.8218	.4654	-.7354	.4274	-.7241	.3849
.0500	-.9303	.4954	-.8114	.4690	-.7336	.4401	-.7294	.4092
.1000	-.93?3	.4835	-.8609	.4428	-.7488	.4101	-.7330	.3875
.1500	-.9331	.4470	-.8951	.4104	-.7777	.3849	-.7473	.3656
.2250	-.3172	.3959	-.9205	.3656	-.8651	.3442	-.7873	.3192
.3000	-.1756	.3540	-.9291	.3204	-.9154	.2999	-.8329	.2824
.4500	******	.2731	-.2916	.2410	-.9455	.2220	-.8820	.2069
.6000	-.2367	.1989	-.3106	.1691	-.6943	.0859	-.9417	.1272
.7500	-.3610	.1222	-.3744	.0963	-.4564	.0651	-.9452	.0470
.9000	-.3292	.0390	-.3688	-.0017	-.3097	-.0053	-.6442	.0048
.9500	-.1613	-.0163	-.0892	-.0178	-.0927	.0182	-.4667	-.0035

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE STATION 5	CP UPPER SURFACE STATION 6	CP LOWER SURFACE STATION 6	CP UPPER SURFACE STATION 7	CP LOWER SURFACE STATION 7	CP UPPER SURFACE STATION 8	CP LOWER SURFACE STATION 8
.0125								
.0250	-.7504	.3446	-.8103	.3057	-.8419	.2690		
.0500	-.7530	.3709	-.8240	.3371	-.8509	.2998	-.5434	.3018
.1000	-.7748	.3688	-.8240	.3341	-.8628	.3216	-.5147	.2944
.1500	-.7903	.3422	-.8234	.3162	-.8613	.2914	******	.2720
.2250	-.8005	.3003	-.8255	.2841	-.8655	.2585	-.4640	.2355
.3000	-.8191	.2615	-.8380	******	-.8348	.2251	-.4372	.1829
.4500	-.8506	.1844	-.8565	.1710	-.7002	.1755	-.4109	******
.6000	-.8998	.1130	-.7703	.1091	-.6185	.0858	-.3775	-.0725
.7500	-.8867	.0500	-.6886	.0330	-.6302	-.0205	-.3373	-.1472
.9000	-.7793	-.0241	-.7441	-.0677	-.7137	-.1454	-.3155	-.2153
.9500	-.7581	-.0898	-.7590	-.1313				

TABLE VI.- TEST DATA

(d) Continued

CONFIG	MACH	ALPHA
3	1.03	16.51

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE	CP UPPER SURFACE STATION 2	CP LOWER SURFACE	CP UPPER SURFACE STATION 3	CP LOWER SURFACE	CP UPPER SURFACE STATION 4	CP LOWER SURFACE
.0125	-.9194	.6007	-.8890	.4602	-.8290	.3885	-.8233	.3126
.0250	-.9508	.6337	-.9373	.5251	-.8929	.4650	-.8487	.4042
.0500	-1.0696	.6084	-.9215	.5498	-.8546	.5022	-.8582	.4572
.1000	-1.0681	.6054	-1.0287	.5439	-.8600	.4983	-.8546	.4581
.1500	-1.0845	.5703	-1.0320	.5147	-.9929	.4816	-.8457	.4456
.2250	-.8767	.5239	-1.0448	.4754	-1.0248	.4441	-.9173	.4066
.3000	-.4486	.4769	-1.0627	.4331	-1.0060	.4054	-1.0191	.3742
.4500	******	.3900	-.7934	.3495	-1.0003	.3197	-.9854	.2944
.6000	-.3627	.3051	-.5484	.2647	-1.0233	.1632	-.9836	.2099
.7500	-.4648	.2227	-.5352	.1799	-.8696	.1456	-.9964	.1150
.9000	-.4779	.1087	-.4197	.0579	-.5454	.0198	-.9418	-.0100
.9500	-.3173	.0382	-.2468	-.0035	-.4418	-.0336	-.7619	-.0651

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE	CP UPPER SURFACE STATION 6	CP LOWER SURFACE	CP UPPER SURFACE STATION 7	CP LOWER SURFACE	CP UPPER SURFACE STATION 8	CP LOWER SURFACE
.0125								
.0250	-.8840	.3424	-.9453	.2847	-.9504	.2356		
.0500	-.8867	.4029	-.9515	.3517	-.97?1	.2345	-.5886	.2769
.1000	-.9186	.4196	-.9605	.3727	-.9787	.3477	-.5786	.2737
.1500	-.9357	.4068	-.9653	.3769	-.9778	.3311	******	.2892
.2250	-.9333	.3757	-.9772	.2417	-.7955	.1107	-.5245	.2987
.3000	-.9327	.3427	-.9628	******	-.7614	.2457	-.5944	.3146
.4500	-.9560	.2638	-.9844	.2460	-.7514	.1224	-.5215	******
.6000	-1.0205	.1863	-.8622	.1951	-.6406	.1240	-.4164	-.6420
.7500	-.8661	.0932	-.7437	.0588	-.5856	.0133	-.3918	-.1309
.9000	-.8888	-.0322	-.7445	-.0597	-.5148	-.1207	-.3760	-.2215
.9500	-.9502	-.1025	-.7923	-.1204				

TABLE VI.- TEST DATA

(d) Continued

	CONFIG		MACH			ALPHA	
	4		1.03			.01	

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.0562	.1742	.0919	.1659	.0901	.1477	.0759	.1067
.0250	.0456	.1477	.0713	.1436	.0723	.1138	.0387	.0760
.0500	.0601	.1022	.0692	.1096	.0571	.0754	.0244	.0436
.1000	.0326	.0781	.0489	.0617	.0220	.0329	-.0049	-.0020
.1500	.0320	.0442	.0299	.0266	-.0049	-.0014	-.0453	-.0300
.2250	.0259	.0144	-.0106	-.0136	-.0500	-.0399	-.0829	-.0856
.3000	.0132	-.0133	-.0450	-.0539	-.0870	-.0868	-.1262	-.1232
.4500	*******	-.0754	-.1115	-.1202	-.1509	-.1582	-.1883	-.1907
.6000	-.1309	-.1354	-.1784	-.1794	-.2133	-.2012	-.2435	-.2525
.7500	-.2008	-.2009	-.2384	-.2484	-.2727	-.2788	-.2829	-.3108
.9000	-.2363	-.2457	-.2411	-.2549	-.1993	-.2119	-.1241	-.1283
.9500	-.1593	-.1617	-.0978	-.1020	-.0485	-.0518	-.0250	-.0262

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.0245	.0367	.0026	-.0130	-.0268	-.0690		
.0500	.0272	.0055	-.0471	-.0396	-.0635	-.0812	-.0605	-.0935
.1000	-.0435	-.0292	-.0838	-.0899	-.1185	-.1234	-.1113	-.1390
.1500	-.0814	-.0764	-.1095	-.1150	-.1406	-.1605	*******	-.1818
.2250	-.1194	-.1234	-.1460	-.1414	-.1788	-.1931	-.1914	-.2081
.3000	-.1594	-.1623	-.1979	*******	-.2195	-.2338	-.2206	-.2314
.4500	-.2242	-.2258	-.2580	-.2581	-.2640	-.2658	-.3043	*******
.6000	-.2899	-.2808	-.3225	-.3038	-.3183	-.3305	-.3377	-.3571
.7500	-.3374	-.3329	-.3473	-.3526	-.2526	-.3194	-.0575	-.0824
.9000	-.0387	-.0818	.0050	.0172	.0122	.0064	.0991	.1088
.9500	.0435	.0019	.0544	.0444				

TABLE VI.- TEST DATA

(d) Continued

CONFIG 4   MACH 1.03   ALPHA 4.34

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE	CP UPPER SURFACE STATION 2	CP LOWER SURFACE	CP UPPER SURFACE STATION 3	CP LOWER SURFACE	CP UPPER SURFACE STATION 4	CP LOWER SURFACE
.0125	-.3038	.2561	-.2512	.2490	-.2223	.2415	-.2933	.2225
.0250	-.3101	.2237	-.2548	.2201	-.2265	.2085	-.3008	.1936
.0500	-.2136	.1695	-.2521	.1814	-.2399	.1677	-.3211	.1597
.1000	-.0892	.1368	-.1094	.1317	-.1817	.1168	-.2972	.1061
.1500	-.0336	.1055	-.0166	.0945	-.1103	.0811	-.1984	.0769
.2250	-.0387	.0701	-.0593	.0528	-.1181	.0385	-.1724	.0198
.3000	-.0369	.0394	-.0927	.0165	-.1554	-.0016	-.2029	-.0150
.4500	******	-.0216	-.1703	-.0515	-.2187	-.0748	-.2680	-.0879
.6000	-.1629	-.0796	-.2402	-.1094	-.2838	-.1381	-.3220	-.1558
.7500	-.2554	-.1387	-.2996	-.1704	-.3447	-.1925	-.3635	-.2173
.9000	-.2913	-.1865	-.2838	-.2050	-.1936	-.1916	-.0849	-.1441
.9500	-.1748	-.1617	-.0918	-.1121	-.0402	-.0709	.0107	-.0360

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE	CP UPPER SURFACE STATION 6	CP LOWER SURFACE	CP UPPER SURFACE STATION 7	CP LOWER SURFACE	CP UPPER SURFACE STATION 8	CP LOWER SURFACE
.0125								
.0250	-.3981	.1860	-.4877	.1839	-.5672	.1582		
.0500	-.3942	.1525	-.4770	.1417	-.5363	.1271	-.6273	.1869
.1000	-.4396	.1034	-.4650	.0915	-.6001	.0900	-.6503	.1154
.1500	-.4038	.0603	-.4743	.0514	-.5977	.0352	******	.0621
.2250	-.2649	.0080	-.4844	-.0088	-.5878	-.0106	-.6249	-.0092
.3000	-.2508	-.0357	-.4683	******	-.5561	-.0621	-.6039	-.0363
.4500	-.3139	-.1084	-.4071	-.1141	-.4904	-.1037	-.5546	******
.6000	-.3718	-.1680	-.4208	-.1871	-.4402	-.1578	-.3873	-.1602
.7500	-.4136	-.2320	-.2323	-.2165	-.1863	-.0749	-.2661	-.1465
.9000	-.0034	-.0654	-.3029	-.3025	.0134	-.0426	-.1059	-.0103
.9500	.0428	.0154	.0491	.0334				

TABLE VI.- TEST DATA

(d) Continued

	CONFIG 4		MACH 1.03				ALPHA 8.70	

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.4742	.3438	-.5640	.2147	-.4506	.2240	-.4536	.2317
.0250	-.4974	.3141	-.5848	.2076	-.4524	.2237	-.4679	.2451
.0500	-.5141	.2540	-.5926	.1797	-.4527	.2124	-.4858	.2370
.1000	-.2925	.2020	-.5335	.1586	-.5222	.1826	-.5124	.2034
.1500	-.2030	.1526	-.3164	.1303	-.5872	.1594	-.6003	.1749
.2250	-.2144	.1083	-.0593	.1071	-.2529	.1279	-.6499	.1330
.3000	-.1064	.0830	-.1085	.0860	-.1335	.0934	-.5508	.1059
.4500	******	.0420	-.2227	.0352	-.2364	.0352	-.2099	.0649
.6000	-.2051	-.0005	-.2767	-.0062	-.3362	-.0238	-.2881	.0149
.7500	-.2979	-.0336	-.3313	-.0297	-.3441	-.0354	-.3629	-.0476
.9000	-.2779	-.0530	-.2275	-.0635	-.1425	-.0470	-.0849	-.0121
.9500	-.1070	-.0575	-.0626	-.0324	-.0232	.0024	.0064	.0243
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.5554	.2369	-.5873	.2611	-.6679	.2533		
.0500	-.5563	.2363	-.5995	.2727	-.6923	.2578	-.7598	.2614
.1000	-.5936	.2100	-.6049	.2470	-.7123	.2452	-.7667	.2414
.1500	-.6279	.1786	-.6180	.2240	-.7120	.2070	******	.2100
.2250	-.6882	.1457	-.6470	.1328	-.7270	.1714	-.6664	.1726
.3000	-.7279	.1298	-.6941	******	-.7485	.1358	-.5754	.1251
.4500	-.6747	.0718	-.7544	.0683	-.7747	.0919	-.4897	******
.6000	-.3846	.0103	-.8010	.0276	-.7279	.0321	-.4640	-.0971
.7500	-.3936	-.0146	-.6801	-.0134	-.6473	-.0286	-.5106	-.1386
.9000	-.0534	-.0032	-.3029	.0325	-.5962	-.0848	-.5837	-.1990
.9500	.0142	.0153	-.1438	.0210				

TABLE VI.- TEST DATA

(d) Continued

ORIGINAL PAGE IS OF POOR QUALITY

CONFIG	MACH	ALPHA
4	1.03	13.07

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE STATION 1	CP UPPER SURFACE STATION 2	CP LOWER SURFACE STATION 2	CP UPPER SURFACE STATION 3	CP LOWER SURFACE STATION 3	CP UPPER SURFACE STATION 4	CP LOWER SURFACE STATION 4
.0125	-.6209	.4133	-.7215	.2565	-.7328	.2237	-.5674	.2389
.0250	-.6543	.3907	-.7597	.2705	-.7373	.2675	-.6017	.2990
.0500	-.6889	.3327	-.7887	.2645	-.7430	.2895	-.6295	.3285
.1000	-.4826	.2987	-.8364	.2490	-.7779	.2847	-.6680	.3175
.1500	-.2416	.2600	-.7934	.2327	-.8917	.2770	-.8045	.3056
.2250	-.3294	.2258	-.2073	.2258	-.7922	.2556	-.9057	.2684
.3000	-.2628	.2029	-.1192	.2115	-.2416	.2294	-.9162	.2377
.4500	******	.1746	-.2339	.1710	-.2805	.1728	-.5364	.1704
.6000	-.2452	.1317	-.3414	.1225	-.3748	.0585	-.4211	.0999
.7500	-.3617	.0817	-.4101	.0573	-.4486	.0368	-.4548	.0228
.9000	-.4059	.0026	-.3566	-.0291	-.2440	-.0395	-.1825	-.0437
.9500	-.2181	-.0385	-.1419	-.0473	-.1177	-.0485	-.1145	-.0438

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE STATION 5	CP UPPER SURFACE STATION 6	CP LOWER SURFACE STATION 6	CP UPPER SURFACE STATION 7	CP LOWER SURFACE STATION 7	CP UPPER SURFACE STATION 8	CP LOWER SURFACE STATION 8
.0125								
.0250	-.6634	.2770	-.7204	.2486	-.7966	.2196		
.0500	-.6619	.3133	-.7575	.2917	-.8119	.2543	-.8582	.2441
.1000	-.7396	.3156	-.7844	.2938	-.8337	.2848	-.8447	.2549
.1500	-.7646	.2929	-.8038	.2818	-.8375	.2600	******	.2384
.2250	-.8247	.2579	-.8292	.1813	-.8516	.2333	-.6514	.2130
.3000	-.9078	.2238	-.8462	******	-.8782	.1980	-.5588	.1696
.4500	-.9878	.1564	-.9098	.1427	-.8555	.1496	-.5122	******
.6000	-.8385	.0855	-.9923	.0759	-.7617	.0685	-.4384	-.0743
.7500	-.7094	.0119	-.9600	.0152	-.8041	-.0147	-.3855	-.1503
.9000	-.3108	-.0372	-.7643	-.0551	-.8441	-.1335	-.4459	-.2302
.9500	-.2251	-.0575	-.6616	-.1105				

TABLE VI.- TEST DATA

(d) Continued

CONFIG 4 MACH 1.03 ALPHA 17.41

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE STATION 1	CP UPPER SURFACE STATION 2	CP LOWER SURFACE STATION 2	CP UPPER SURFACE STATION 3	CP LOWER SURFACE STATION 3	CP UPPER SURFACE STATION 4	CP LOWER SURFACE STATION 4
.0125	-.7379	.4560	-.9721	.2625	-.9721	.1958	-.7783	.1884
.0250	-.8)21	.4539	-1.0449	.3107	-1.0213	.2753	-.8147	.2827
.0500	-.8792	.4116	-1.0724	.3265	-1.0055	.3298	-.8320	.3414
.1000	-.8607	.3932	-1.1139	.3253	-1.0300	.3461	-.8771	.3557
.1500	-.5946	.3601	-1.1339	.3208	-1.1357	.3485	-1.0593	.3581
.2250	-.6098	.3259	-1.0966	.3140	-1.1608	.3333	-1.0381	.3339
.3000	-.4584	.3051	-.4480	.3042	-1.0679	.3131	-.9837	.3140
.4500	******	.2652	-.3802	.2598	-.5880	.2548	-1.0100	.2488
.6000	-.3865	.2187	-.4701	.2009	-.5247	.1294	-.8445	.1759
.7500	-.4865	.1601	-.5098	.1315	-.5597	.1110	-.7624	.0887
.9000	-.5205	.0675	-.3939	.0232	-.3372	-.0066	-.4307	-.0251
.9500	-.3387	-.0004	-.2506	-.0362	-.2586	-.0511	-.3855	-.0617

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE STATION 5	CP UPPER SURFACE STATION 6	CP LOWER SURFACE STATION 6	CP UPPER SURFACE STATION 7	CP LOWER SURFACE STATION 7	CP UPPER SURFACE STATION 8	CP LOWER SURFACE STATION 8
.0125								
.0250	-.8591	.2610	-.9308	.2164	-.9317	.1840	-.6329	.2376
.0500	-.8591	.3298	-.9562	.2927	-.9368	.2469	-.6216	.2696
.1000	-.9219	.3600	-.9658	.3277	-.9473	.3047	******	.2693
.1500	-.9535	.3540	-.9652	.3328	-.9434	.3035	-.5872	.2484
.2250	-.9721	.3289	-.9622	.2280	-.9195	.2882	-.5642	.2113
.3000	-.9661	.3044	-.9730	******	-.8289	.2616	-.5529	******
.4500	-.9540	.2400	-.9912	.2191	-.7381	.2125	-.5269	-.0425
.6000	-1.0393	.1616	-.8663	.1454	-.6873	.1242	-.4919	-.1392
.7500	-.9658	.0727	-.8295	.0550	-.6240	.0197	-.4641	-.2407
.9000	-.7593	-.0356	-.9347	-.0575	-.6631	-.1159		
.9500	-.6963	-.0973	-.8920	-.1218				

TABLE VI.- TEST DATA

(d) Continued

CONFIG 5 MACH 1.03 ALPHA .01

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE STATION 1	CP UPPER SURFACE STATION 2	CP LOWER SURFACE STATION 2	CP UPPER SURFACE STATION 3	CP LOWER SURFACE STATION 3	CP UPPER SURFACE STATION 4	CP LOWER SURFACE STATION 4
.0125	.1908	.0537	.1840	.0885	.1679	.0816	.1268	.0655
.0250	.1637	.0419	.1572	.0634	.1274	.0658	.0882	.0295
.0500	.1149	.0504	.1221	.0634	.0896	.0540	.0545	.0168
.1000	.0890	.0341	.0724	.0440	.0426	.0201	.0033	-.0107
.1500	.0587	.0289	.0361	.0259	.0075	-.0137	-.0232	-.0489
.2250	.0257	.0210	-.0035	-.0089	-.0360	-.0540	-.0757	-.0880
.3000	-.0056	.0095	-.0456	-.0445	-.0808	-.0886	-.1151	-.1265
.4500	-.0703	******	-.1133	-.1131	-.1531	-.1528	-.1853	-.1925
.6000	-.1340	-.1189	-.1755	-.1797	-.1973	-.2128	-.2489	-.2474
.7500	-.2017	-.1999	-.2450	-.2381	-.2725	-.2707	-.3054	-.2787
.9000	-.2450	-.2331	-.2519	-.2340	-.2113	-.1904	-.1417	-.1385
.9500	-.1611	-.1558	-.1056	-.0952	-.0554	-.0564	-.0370	-.0432

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE STATION 5	CP UPPER SURFACE STATION 6	CP LOWER SURFACE STATION 6	CP UPPER SURFACE STATION 7	CP LOWER SURFACE STATION 7	CP UPPER SURFACE STATION 8	CP LOWER SURFACE STATION 8
.0125								
.0250	.0519	.0124	.0139	-.0155	-.0394	-.0429		
.0500	.0154	-.0026	-.0241	-.0567	-.0561	-.0806	-.0540	-.1003
.1000	-.0256	-.0465	-.0780	-.0901	-.1082	-.1305	-.1091	-.1471
.1500	-.0672	-.0821	-.1064	-.1146	-.1413	-.1442	-.1644	******
.2250	-.1114	-.1242	-.1327	-.1576	-.1778	-.1845	-.1973	-.1926
.3000	-.1554	-.1612	******	-.1968	-.2224	-.2233	-.2314	-.2254
.4500	-.2194	-.2213	-.2493	-.2532	-.2619	-.2849	******	-.3115
.6000	-.2765	-.2685	-.3094	-.3180	-.3154	-.3401	-.3372	-.3676
.7500	-.3360	-.3279	-.3668	-.3595	-.2015	-.3270	-.0331	-.1502
.9000	-.0543	-.0958	.0109	-.0540	.0372	-.0134	.1078	.1086
.9500	.0354	-.0026	.0677	-.0274				

TABLE VI.- TEST DATA

(d) Continued

	CONFIG 5		MACH 1.03				ALPHA 4.33	

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.0739	.1951	-.0993	.2293	-.1611	.2344	-.2212	.2238
.0250	.0647	.1689	.0528	.1939	-.0342	.1903	-.0760	.1588
.0500	.0355	.1554	.0492	.1624	-.0023	.1461	-.0461	.1125
.1000	.0212	.1261	-.0020	.1176	-.0432	.0916	-.0880	.0641
.1500	-.0065	.0973	-.0345	.0867	-.0724	.0465	-.1029	-.0028
.2250	-.0240	.0801	-.0670	.0395	-.1059	-.0095	-.1552	-.0564
.3000	-.0551	.0529	-.0990	-.0028	-.1420	-.0522	-.1958	-.0910
.4500	-.1148	*******	-.1626	-.0791	-.2104	-.1218	-.2791	-.1268
.6000	-.1716	-.0830	-.2179	-.1468	-.2543	-.1597	-.3413	-.1725
.7500	-.2301	-.1671	-.2932	-.1827	-.3409	-.1973	-.4022	-.2021
.9000	-.2746	-.1821	-.2740	-.1815	-.1620	-.1465	-.0656	-.0871
.9500	-.1456	-.1298	-.0865	-.0865	-.0225	-.0453	-.0139	-.0426
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.2709	.2070	-.6367	.2637	-.6555	.2214		
.0500	-.1255	.1561	-.6609	.2007	-.6852	.1735	-.4017	.1863
.1000	-.1650	.0601	-.5712	.1288	-.6953	.1033	-.7211	.1348
.1500	-.2155	-.0011	-.4082	.0901	-.7067	.0685	-.7375	*******
.2250	-.2553	-.0516	-.3244	.0355	-.6642	.0070	-.7426	.0247
.3000	-.2636	-.0979	*******	-.0277	-.6065	-.0423	-.7223	-.0292
.4500	-.3522	-.1624	-.3995	-.1069	-.4979	-.0997	*******	-.1478
.6000	-.3926	-.2240	-.4381	-.1845	-.4240	-.1514	-.4728	-.1732
.7500	-.4378	-.2688	-.4010	-.2386	-.2778	-.0800	-.3373	-.1926
.9000	-.0181	-.0659	-.0065	-.0301	.0444	-.0943	-.1880	-.0172
.9500	.0100	-.0367	.0319	-.0271				

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TABLE VI.- TEST DATA

(d) Continued

CONFIG	MACH	ALPHA
5	1.03	8.60

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.2071	.2680	-.2680	.1969	-.0897	.1494	.0287	-.0397
.0250	-.0115	.2220	-.2471	.1545	.0197	.0925	-.0193	-.0677
.0500	-.0500	.1796	-.1062	.1164	-.0056	.0383	-.0638	-.0928
.1000	-.0897	.1218	-.0608	.0622	-.0396	-.0415	-.1327	-.1146
.1500	-.1045	.0683	-.0658	.0283	-.0694	-.0892	-.1775	-.1242
.2250	-.0879	.0380	-.0799	-.0266	-.1193	-.0976	-.2522	-.0898
.3000	-.0811	.0144	-.1038	-.0668	-.1731	-.0877	-.3039	-.0585
.4500	-.1124	*******	-.1710	-.1015	-.2477	-.0346	-.3412	-.0382
.6000	-.1620	-.0013	-.2262	-.0692	-.2988	-.0095	-.3929	-.0591
.7500	-.2334	-.0728	-.3161	-.0260	-.3830	-.0022	-.4424	-.0842
.9000	-.2650	-.0163	-.1904	.0022	-.0879	.0020	-.1077	-.1033
.9500	-.0909	-.0025	-.0428	.0141	-.0169	.0065	-.0594	-.0868

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.8047	.4166	-.8041	.3896	-.8038	.3215		
.0500	-.8573	.3776	-.8463	.3696	-.8552	.3239	-.8801	.2907
.1000	-.7682	.2877	-.8687	.3305	-.8642	.2775	-.8698	.2721
.1500	-.5481	.2253	-.8947	.3005	-.8741	.2688	-.8717	*******
.2250	-.4036	.1818	-.8387	.2663	-.8851	.2217	-.7760	.1971
.3000	-.3821	.1377	*******	.2019	-.9046	.1794	-.6785	.1279
.4500	-.4150	.1123	-.9327	.1279	-.9246	.1153	*******	-.0020
.6000	-.4491	.0871	-.7320	.0604	-.8845	.0502	-.6197	-.1075
.7500	-.3438	.0253	-.3393	.0163	-.7601	-.0268	-.6071	-.1367
.9000	-.1141	.0172	-.0603	-.0214	-.7251	-.0791	-.6519	-.1874
.9500	-.0666	.0088	-.0071	-.0223				

TABLE VI.- TEST DATA

(d) Continued

CONFIG 5   MACH 1.03   ALPHA 12.86

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.2387	.1088	-.0787	.0208	.1179	-.5327	-.5135	-.0065
.0250	-.1530	.0504	-.0435	-.0256	.1001	-.5213	-.5311	.0510
.0500	-.1972	.0026	.0135	-.0504	.0504	-.3679	-.5457	.1339
.1000	-.2002	-.0298	.0578	-.0874	-.0330	-.1071	-.5786	.1881
.1500	-.1671	-.0537	.0144	-.1059	-.1077	-.0424	-.5774	.2537
.2250	-.0139	-.0555	-.0360	-.0800	-.2032	.0743	-.5929	.2749
.3000	-.0160	-.0528	-.1005	-.0209	-.2829	.1675	-.5914	.2676
.4500	-.1014	*******	-.2393	.1173	-.3695	.2017	-.5872	.2117
.6000	-.2226	.0761	-.3319	.1330	-.3877	.1478	-.5792	.1397
.7500	-.3280	.1006	-.4098	.0937	-.4729	.0761	-.5833	.0846
.9000	-.3746	.0586	-.2501	.0208	-.1748	.0029	-.2641	-.0047
.9500	-.1623	.0223	-.0978	.0014	-.1121	-.0188	-.1946	-.0373

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.7397	.3931	-.7987	.3488	-.8590	.2834		
.0500	-.7639	.4135	-.8139	.3667	-.8689	.3281	-.5453	.2954
.1000	-.7822	.4204	-.8267	.3742	-.8728	.3074	-.5316	.3047
.1500	-.8061	.3961	-.8345	.3586	-.8805	.3176	-.5208	*******
.2250	-.8420	.3577	-.7582	.3233	-.8704	.2831	-.5097	.2462
.3000	-.8719	.3131	*******	.2756	-.7893	.2438	-.4966	.1746
.4500	-.9077	.2268	-.9074	.1968	-.6769	.1755	*******	.0613
.6000	-.8985	.1446	-.8539	.1197	-.5953	.0970	-.4233	-.0579
.7500	-.7238	.0637	-.8022	.0463	-.6419	-.0008	-.3832	-.1352
.9000	-.4756	-.0143	-.7947	-.0561	-.7304	-.1349	-.3524	-.2165
.9500	-.4015	-.0689	-.7651	-.1319				

TABLE VI.- TEST DATA

(d) Continued

CONFIG 5   MACH 1.03   ALPHA 17.09

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE STATION 1	CP UPPER SURFACE STATION 2	CP LOWER SURFACE STATION 2	CP UPPER SURFACE STATION 3	CP LOWER SURFACE STATION 3	CP UPPER SURFACE STATION 4	CP LOWER SURFACE STATION 4
.0125	.0007	-.3066	-.0864	-.4182	-.5323	-.0397	-.7702	.2578
.0250	-.0369	-.2368	-.0885	-.3952	-.5603	.0525	-.7960	.3440
.0500	-.0951	-.2386	-.0712	-.2699	-.5896	.1550	-.7994	.4026
.1000	-.1345	-.1694	-.0983	-.1348	-.6257	.2714	-.8316	.4268
.1500	-.1368	-.1319	-.1542	-.0325	-.6400	.3153	-.8567	.4311
.2250	-.0930	-.0677	-.2547	.1172	-.6511	.3485	-.8955	.4069
.3000	-.1413	.0525	-.3285	.2273	-.6424	.3446	-.9161	.3712
.4500	-.2891	********	-.4252	.2587	-.6314	.2892	-.9283	.2980
.6000	-.3974	.2611	-.4747	.2306	-.5601	.2236	-.9179	.2158
.7500	-.4628	.2321	-.5245	.2058	-.6338	.1456	-.8701	.1393
.9000	-.4031	.1214	-.3890	.0909	-.3619	.0256	-.5750	-.0086
.9500	-.2765	.0552	-.2180	.0225	-.2923	-.0358	-.5041	-.0734

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE STATION 5	CP UPPER SURFACE STATION 6	CP LOWER SURFACE STATION 6	CP UPPER SURFACE STATION 7	CP LOWER SURFACE STATION 7	CP UPPER SURFACE STATION 8	CP LOWER SURFACE STATION 8
.0125								
.0250	-.8086	.2432	-.8598	.3144	-.9210	.2485		
.0500	-.8332	.3602	-.8726	.3593	-.9258	.3183	-.5752	.2814
.1000	-.8355	.4318	-.8837	.3887	-.9252	.3327	-.5603	.3159
.1500	-.8517	.4217	-.8920	.3917	-.9216	.3536	-.5504	********
.2250	-.8768	.4010	-.8161	.3743	-.8191	.3345	-.5385	.2868
.3000	-.9004	.3665	********	.3348	-.7091	.3048	-.5262	.2161
.4500	-.9518	.2853	-.9264	.2587	-.6565	.2335	********	.1185
.6000	-1.0083	.1912	-.7943	.1769	-.6039	.1529	-.4506	-.0032
.7500	-.9416	.0978	-.7626	.0852	-.6434	.0451	-.4055	-.0926
.9000	-.8332	-.0077	-.8343	-.0349	-.7103	-.0943	-.3756	-.1901
.9500	-.7531	-.0802	-.8589	-.1149				

TABLE VI.- TEST DATA

(d) Continued

CONFIG 6   MACH 1.03   ALPHA .00

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1691	.0824	.1560	.0846	.1491	.0912	.1131	.0661
.0250	.1473	.0622	.1387	.0637	.1173	.0764	.0759	.0334
.0500	.1093	.0489	.1119	.0646	.0777	.0601	.0390	.0229
.1000	.0771	.0229	.0634	.0452	.0343	.0265	-.0047	-.0065
.1500	.0518	.0150	.0277	.0289	-.0026	-.0059	-.0279	-.0489
.2250	.0173	.0177	-.0074	-.0068	-.0405	-.0513	-.0817	-.0877
.3000	-.0112	.0117	-.0509	-.0444	-.0844	-.0906	-.1199	-.1262
.4500	-.0748	********	-.1202	-.1148	-.1563	-.1533	-.1904	-.1921
.6000	-.1363	-.1115	-.1790	-.1831	-.2017	-.2169	-.2519	-.2467
.7500	-.2005	-.2016	-.2474	-.2416	-.2790	-.2735	-.3071	-.2876
.9000	-.2501	-.2362	-.2629	-.2500	-.2336	-.2222	-.1763	-.1679
.9500	-.1736	-.1712	-.1169	-.1096	-.0763	-.0701	-.0504	-.0513

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.0390	.0082	.0031	-.0208	-.0439	-.0558		
.0500	.0082	.0052	-.0304	-.0594	-.0645	-.0880	-.0833	-.1125
.1000	-.0361	-.0483	-.0791	-.0970	-.1081	-.1340	-.1371	-.1579
.1500	-.0749	-.0562	-.1093	-.1200	-.1461	-.1546	-.1826	********
.2250	-.1171	-.1301	-.1377	-.1606	-.1838	-.1958	-.2110	-.2332
.3000	-.1563	-.1669	********	-.2018	-.2316	-.2329	-.2325	-.2654
.4500	-.2220	-.2323	-.2546	-.2612	-.2747	-.2902	********	-.3475
.6000	-.2774	-.2962	-.3173	-.3260	-.3461	-.3583	-.3440	-.4007
.7500	-.3395	-.3369	-.3700	-.3649	-.2794	-.3977	.0201	-.1710
.9000	-.0836	-.1274	.0303	-.0695	.0869	.0271	.1488	.1533
.9500	.0058	-.0280	.0887	.0154				

TABLE VI.- TEST DATA

(d) Continued

CONFIG 6   MACH 1.03   ALPHA 4.11

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.2963	.2827	-.2984	.3033	-.3471	.2951	-.4089	.2749
.0250	-.1775	.2461	-.3134	.2712	-.3543	.2604	-.4095	.2355
.0500	-.0426	.2135	-.3193	.2425	-.3674	.2216	-.4179	.2029
.1000	-.0426	.1823	-.1082	.1914	-.3626	.1711	-.4223	.1551
.1500	-.0635	.1566	-.0706	.1551	-.2671	.1285	-.3916	.1052
.2250	-.0829	.1333	-.1208	.1055	-.1488	.0764	-.3199	.0534
.3000	-.1106	.1061	-.1578	.0664	-.1853	.0313	-.2617	.0062
.4500	-.1700	*******	-.2205	-.0146	-.2611	-.0474	-.2969	-.0722
.6000	-.2244	-.0337	-.2710	-.0871	-.2886	-.1170	-.3546	-.1444
.7500	-.2805	-.1244	-.3334	-.1519	-.3716	-.1778	-.4143	-.1871
.9000	-.3140	-.1719	-.2916	-.1948	-.2378	-.1987	-.1518	-.1644
.9500	-.1811	-.1650	-.1064	-.1304	-.0727	-.0988	-.0205	-.0626

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.4645	.2207	-.5249	.2034	-.5931	.1809		
.0500	-.4768	.2013	-.5402	.1527	-.6185	.1419	-.6508	.1254
.1000	-.4932	.1215	-.5527	.0915	-.6263	.0691	-.6586	.0661
.1500	-.4923	.0766	-.5530	.0616	-.6356	.0382	-.6454	*******
.2250	-.4469	.0286	-.4909	.0139	-.6371	-.0113	-.6003	-.0161
.3000	-.3928	-.0217	*******	-.0444	-.6224	-.0638	-.5803	-.0665
.4500	-.3509	-.0967	-.4610	-.1116	-.5910	-.1334	*******	-.1788
.6000	-.3959	-.1678	-.4529	-.1896	-.4663	-.1997	-.4361	-.1749
.7500	-.4472	-.2308	-.3787	-.2460	-.2062	-.1546	-.3847	-.0671
.9000	-.0504	-.1053	-.0184	.0133	-.0818	-.0241	-.2469	-.0202
.9500	.0232	-.0167	.0327	.0499				

TABLE VI.- TEST DATA

(d) Continued

CONFIG	MACH	ALPHA
6	1.03	8.23

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.5608	.4277	-.5715	.3993	-.6011	.3549	-.6380	.3156
.0250	-.5700	.3981	-.5745	.3905	-.6073	.3558	-.6479	.3216
.0500	-.6491	.3793	-.5987	.3706	-.6148	.3373	-.6526	.3123
.1000	-.4308	.3416	-.6962	.3231	-.6425	.2966	-.6655	.2793
.1500	-.0598	.3014	-.7132	.2854	-.6914	.2591	-.6822	.2373
.2250	-.1532	.2630	-.4758	.2319	-.7308	.2086	-.7147	.1947
.3000	-.1836	.2319	-.1302	.1914	-.7203	.1666	-.7347	.1491
.4500	-.2447	*******	-.2695	.1089	-.3324	.0956	-.7433	.0829
.6000	-.2951	.0757	-.3321	.0391	-.2912	.0316	-.6172	.0159
.7500	-.3482	-.0077	-.3872	-.0104	-.3547	-.0310	-.3995	-.0265
.9000	-.3261	-.0501	-.1845	-.0629	-.1305	-.0053	-.0849	.0400
.9500	-.1233	-.0742	-.0249	-.0188	.0238	.0431	.0578	.0854
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.6838	.2968	-.7178	.2863	-.7545	.2740		
.0500	-.6990	.2983	-.7384	.2725	-.7671	.2755		
.1000	-.6999	.2570	-.7426	.2423	-.7689	.2360	-.5052	.2938
.1500	-.7097	.2138	-.7459	.2207	-.7766	.2267	-.4864	.2725
.2250	-.7244	.1752	-.6850	.1815	-.7766	.1905	-.4723	*******
.3000	-.7405	.1363	*******	.1348	-.7498	.1585	-.4544	.1992
.4500	-.7641	.0681	-.8005	.0675	-.6476	.1136	-.4359	.1267
.6000	-.7692	-.0020	-.7940	.0489	-.5503	.0621	*******	.0106
.7500	-.7256	.0160	-.6482	.0435	-.5969	-.0074	-.3824	-.0903
.9000	-.4072	.0720	-.5954	-.0044	-.6437	-.1339	-.3350	-.1485
.9500	-.2481	.0917	-.6043	-.0853			-.2812	-.2052

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TABLE VI.- TEST DATA

(d) Continued

CONFIG 6 MACH 1.03 ALPHA 12.35

Y/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.7623	.5525	-.7599	.4671	-.7477	.3995	-.7543	.3425
.0250	-.7793	.5452	-.7668	.4843	-.7626	.4363	-.7703	.3811
.0500	-.8564	.5360	-.7745	.4970	-.7608	.4418	-.7742	.4016
.1000	-.9237	.5039	-.8391	.4583	-.7736	.4197	-.7873	.3835
.1500	-.7510	.4580	-.9067	.4227	-.8055	.3914	-.7921	.3651
.2250	-.1785	.4116	-.9433	.3721	-.8680	.3437	-.8195	.3229
.3000	-.1931	.3751	-.8501	.3368	-.9374	.3024	-.8457	.2810
.4500	-.2756	******	-.2890	.2499	-.0790	.2243	-.9570	.2004
.6000	-.3187	.2092	-.3178	.1724	-.6066	.1467	-.9755	.1247
.7500	-.3693	.1247	-.3994	.0961	-.4208	.0686	-.9573	.0716
.9000	-.3458	.0484	-.3481	.0071	-.3205	.0068	-.6352	.0146
.9500	-.1645	-.0080	-.1231	-.0167	-.0597	.0059	-.3824	.0034

Y/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.7953	.3525	-.8219	.3268	-.8734	.2706		
.0500	-.8064	.3563	-.8278	.3318	-.8830	.3049		
.1000	-.8108	.3477	-.8344	.3369	-.8854	.2840	-.5693	.2948
.1500	-.8153	.3387	-.8392	.3232	-.8922	.2930	-.5491	.3005
.2250	-.8302	.3025	-.7789	.2909	-.8973	.2580	-.5294	******
.3000	-.8490	.2658	******	.2452	-.8854	.2275	-.4912	.2365
.4500	-.9152	.1917	-.8940	.1743	-.7333	.1672	-.4626	.1630
.6000	-.9829	.1137	-.8618	.1083	-.6251	.0898	******	.0578
.7500	-.9491	.0575	-.7500	.0449	-.7017	-.0044	-.3744	-.0577
.9000	-.8556	.0007	-.8102	-.0628	-.5950	-.1360	-.3305	-.1194
.9500	-.7009	-.0685	-.8415	-.1390			-.3422	-.1986

TABLE VI.- TEST DATA

(d) Continued

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.8861	.6810	-.8598	.5217	-.8503	.4192	-.8786	.3379
.0250	-.8920	.6870	-.8735	.5667	-.8792	.4781	-.9010	.4071
.0500	-.9807	.6719	-.8819	.5945	-.8861	.5147	-.9075	.4533
.1000	-1.0448	.6275	-1.0248	.5706	-.8882	.5087	-.9192	.4555
.1500	-1.0887	.5755	-1.0203	.5413	-.9645	.4920	-.9099	.4461
.2250	-.6238	.5292	-1.0275	.4908	-1.0296	.4485	-.9401	.4146
.3000	-.3684	.4860	-1.0615	.4527	-1.0093	.4119	-1.0129	.3744
.4500	-.3633	*******	-.7579	.3611	-1.0457	.3270	-1.0182	.2986
.6000	-.4224	.3076	-.5277	.2704	-.8855	.2423	-1.0412	.2139
.7500	-.4773	.2079	-.5232	.1843	-.8861	.1504	-1.0991	.1423
.9000	-.4448	.1060	-.4155	.0673	-.5346	.0346	-.9583	.0120
.9500	-.2959	.0313	-.2201	.0038	-.4009	-.0188	-.8103	-.0498

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.9235	.3691	-.9594	.3182	-.9441	.2553		
.0500	-.9328	.3817	-.9600	.3578	-.9824	.3197	-.6047	.2835
.1000	-.9408	.4255	-.9674	.3793	-.9761	.3224	-.5826	.3116
.1500	-.9486	.4099	-.9725	.3775	-.9160	.3452	-.5527	*******
.2250	-.9546	.3850	-.9023	.3575	-.7911	.3221	-.5198	.2745
.3000	-.9612	.3452	*******	.3173	-.7230	.2928	-.4804	.2002
.4500	-1.0332	.2604	-.9952	.2445	-.6668	.2245	*******	.1055
.6000	-1.0469	.1894	-.8153	.1649	-.5760	.1394	-.4200	-.0155
.7500	-.8897	.0951	-.7149	.0768	-.5186	.0355	-.4347	-.1002
.9000	-.9567	-.0167	-.5431	-.0453	-.6134	-.1077	-.4672	-.1975
.9500	-.9543	-.0904	-.5883	-.1259				

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TABLE VI.- TEST DATA

(d) Continued

CONFIG 7 MACH 1.03 ALPHA .01

X/C	STATION 1 CP UPPER SURFACE	STATION 1 CP LOWER SURFACE	STATION 2 CP UPPER SURFACE	STATION 2 CP LOWER SURFACE	STATION 3 CP UPPER SURFACE	STATION 3 CP LOWER SURFACE
.0250	.1655	.1667	.1582	.1382	.1312	.1206
.0500	.1194	.1259	.1128	.1078	.1122	.0994
.1000	*******	.0786	.0452	.0598	.0761	.0256
.1500	.0516	.0456	.0370	.0268	.0219	.0149
.2250	.0065	.0116	.0077	-.0152	-.0246	-.0354
.3000	-.0172	-.0229	-.0423	-.0546	-.0748	-.0848
.4500	-.1226	-.1063	-.1409	-.1299	-.1537	-.1478
.6000	-.1555	-.1631	-.1717	-.1876	-.1982	-.2118
.7500	-.2201	-.2381	-.2472	-.2603	-.2697	-.2863
.9000	-.2918	-.2991	-.3169	-.3230	-.3411	-.3443
.9500	-.2428	-.2369	-.2634	-.2570	-.2870	-.2701
.9750	-.1137	-.1024	-.1226	-.0997	-.1382	-.1174

X/C	STATION 4 CP UPPER SURFACE	STATION 4 CP LOWER SURFACE	STATION 5 CP UPPER SURFACE	STATION 5 CP LOWER SURFACE	STATION 6 CP UPPER SURFACE	STATION 6 CP LOWER SURFACE
.0250	.1318	.1090	*******	.0988		
.0500	.1073	.0679	.0555	.0539	.0408	.0443
.1000	.0386	.0268	.0585	.0111	-.0108	-.0233
.1500	-.0032	-.0155	-.0414	-.0383	-.0680	-.0865
.2250	-.0635	-.0582	-.0773	-.0808	-.1039	-.0931
.3000	-.1069	-.1012	-.1242	-.1195	-.1394	-.1446
.4500	-.1725	-.1700	-.2010	-.1862	-.2133	-.2129
.6000	-.2189	-.2393	-.2510	-.2506	*******	-.2800
.7500	-.2957	-.3003	-.3194	-.3150	-.3424	-.3459
.9000	-.3560	-.3679	-.3720	-.3920	-.3965	-.4159
.9500	-.3151	-.3015	-.3454	-.3566	-.3849	-.3959
.9750						

X/C	STATION 7 CP UPPER SURFACE	STATION 7 CP LOWER SURFACE	STATION 8 CP UPPER SURFACE	STATION 8 CP LOWER SURFACE	STATION 9 CP UPPER SURFACE	STATION 9 CP LOWER SURFACE
.0250						
.0500	.0225	.0054	-.0105	-.0733		
.1000	-.0336	-.0335	-.0513	-.0667	-.0925	-.1043
.1500	-.0752	-.0835	-.0901	-.1138	-.1272	-.1472
.2250	-.1185	-.1213	-.1442	-.1668	-.1681	-.1871
.3000	-.1556	-.1677	-.1888	-.2015	-.2354	-.2563
.4500	-.2393	*******	-.2707	-.2596	-.3149	-.3033
.6000	-.2901	-.2949	-.3161	-.3201	-.3466	-.3414
.7500	-.3607	-.3704	-.3977	-.4048	-.3876	-.3974
.9000	-.4211	-.3791	-.4276	-.4354	-.4082	-.4099
.9500						
.9750						

TABLE VI.- TEST DATA

(d) Continued

	CONFIG 7		MACH 1.03		ALPHA 8.65	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-.7169	.5479	-.7333	.5286	-.7369	.5695
.0500	-.7369	.5027	-.7434	.4893	-.7422	.4661
.1000	*******	.4320	-.7774	.4109	-.7542	.4034
.1500	-.7091	.3796	-.7661	.3612	-.7744	.3464
.2250	-.1644	.3166	-.7339	.2970	-.7679	.2769
.3000	-.2142	.2554	-.5597	.2376	-.7548	.2227
.4500	-.3360	.1579	-.2829	.1424	-.6193	.1311
.6000	-.3527	.0738	-.3553	.0548	-.2897	.0429
.7500	-.4132	-.0115	-.4341	-.0240	-.4242	-.0466
.9000	-.4559	-.0998	-.4860	-.1171	-.4976	-.1281
.9500	-.2614	-.1320	-.3249	-.1293	-.3917	-.1368
.9750	-.1131	-.1138	-.1125	-.1126	-.1477	-.1069

	STATION 4		STATION 5		STATION 6	
.0250	-.7458	.4920	*******	.4757	-.7924	.4255
.0500	-.7518	.4522	-.7133	.4386	-.8073	.3651
.1000	-.7565	.3850	-.7160	.3771	-.8223	.3093
.1500	-.7703	.3357	-.7909	.3137	-.8223	.2548
.2250	-.7840	.2682	-.7996	.2629	-.8229	.2548
.3000	-.7834	.2144	-.8029	.2031	-.8315	.1953
.4500	-.7736	.1157	-.8172	.1098	-.8306	.0958
.6000	-.7011	.0348	-.8217	.0213	*******	.0121
.7500	-.4985	-.0550	-.8053	-.0651	-.8235	-.0749
.9000	-.4568	-.1362	-.7277	-.1488	-.6053	-.1715
.9500	-.4234	-.1314	-.5125	-.1482	-.5268	-.1850
.9750						

	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.8306	.4069	-.8235	.3920		
.1000	-.8438	.3507	-.8115	.3436	-.6726	.3140
.1500	-.8515	.3014	-.7835	.2883	-.6719	.2590
.2250	-.8572	.1385	-.7471	.2237	-.6611	.1890
.3000	-.8620	.1860	-.7148	.1747	-.6557	.1077
.4500	-.8491	*******	-.6772	.0772	-.6363	-.0570
.6000	-.8202	.0082	-.6551	-.0262	-.6098	-.1622
.7500	-.7387	-.0989	-.6271	-.1613	-.5656	-.2570
.9000	-.6268	-.2035	-.5841	-.2537	-.5322	-.2950
.9500						
.9750						

TABLE VI.- TEST DATA

(d) Continued.

	CONFIG 7		MACH 1.03		ALPHA 12.94	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-.9522	.6757	-.9439	.6231	-.9346	.5946
.0500	-.9478	.6403	-.9525	.6026	-.9376	.5740
.1000	******	.5743	-.9922	.5428	-.9454	.5226
.1500	-1.0310	.5268	-1.0256	.4971	-.9809	.4742
.2250	-1.0181	.4548	-1.0205	.4340	-1.0176	.4114
.3000	-.6310	.3984	-1.0101	.3788	-1.0322	.3600
.4500	-.3741	.2860	-.7658	.2691	-1.0023	.2593
.6000	-.4183	.1865	-.3747	.1829	-.9582	.1638
.7500	-.49C	.1011	-.4818	.0827	-.5140	.0705
.9000	-.4609	-.0008	-.4380	-.0089	-.4135	-.0246
.9500	-.4356	-.0553	-.3876	-.0460	-.3858	-.0550
.9750	-.3312	-.0628	-.2787	-.0660	-.2852	-.0732

X/C	STATION 4		STATION 5		STATION 6	
.0250	-.9146	.5613	******	.5334	-.9414	.5008
.0500	-.9218	.5485	-.8536	.5268	-.9518	.4667
.1000	-.9239	.5021	-.8745	.4856	-.9605	.4249
.1500	-.9340	.4593	-.9551	.4377	-.9697	.3759
.2250	-.9907	.3963	-.9784	.3815	-.9876	.3173
.3000	-1.0247	.3404	-1.0082	.3352	-1.0252	.2207
.4500	-1.0417	.2435	-1.0473	.2360	******	.1328
.6000	-1.0387	.1526	-1.0709	.1412	-.9990	.0399
.7500	-1.0417	.0604	-1.0843	.0509	-.7820	-.0648
.9000	-.8395	-.0335	-.9515	-.0492	-.7948	-.0878
.9500	-.6378	-.0625	-.7438	-.0776		
.9750						

X/C	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.9581	.4811	-.8915	.4614		
.1000	-.9715	.4482	-.8500	.4285	-.7205	.3890
.1500	-.9790	.4156	-.8148	.3935	-.7163	.3460
.2250	-.9805	.2440	-.7847	.3382	-.7074	.2790
.3000	-.9849	.3059	-.7617	.2868	-.6969	.2097
.4500	-.9685	******	-.7327	.1911	-.6686	.0548
.6000	-.8262	.1194	-.7145	.0823	-.6343	-.0648
.7500	-.8202	.0156	-.6772	-.0480	-.6083	-.1584
.9000	-.8262	-.0941	-.6122	-.1398	-.5937	-.2041
.9500						
.9750						

TABLE VI.- TEST DATA

(d) Continued

	CONFIG 7		MACH 1.03		ALPHA 17.07	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-1.0624	.7640	-1.0603	.6998	-1.0418	.6532
.0500	-1.0442	.7527	-1.0740	.6998	-1.0501	.6630
.1000	******	.7031	-1.0901	.6600	-1.0513	.6348
.1500	-1.1249	.6588	-1.1068	.6235	-1.0647	.5938
.2250	-1.1458	.5896	-1.1211	.5635	-1.0954	.5368
.3000	-1.1527	.5302	-1.1151	.5076	-1.0701	.4869
.4500	-.6364	.4150	-1.1094	.3998	-.9711	.3808
.6000	-.4603	.3110	-.8612	.3021	-.9643	.2796
.7500	-.4498	.2142	-.3777	.1976	-.8272	.1815
.9000	-.2927	.0972	-.4117	.0927	-.6483	.0776
.9500	-.3586	.0333	-.4248	.0598	-.5154	.0336
.9750	-.1977	.0384	-.3464	.0538	-.4054	-.0088
	STATION 4		STATION 5		STATION 6	
.0250	-1.0084	.6092	******	.5781		
.0500	-1.0144	.6226	-.8315	.5927	-.8819	.5679
.1000	-.9968	.5962	-.8467	.5769	-.8726	.5569
.1500	-.9804	.5650	-.9156	.5339	-.8574	.5330
.2250	-.9768	.5130	-.9195	.4983	-.8193	.4828
.3000	-.9744	.4640	-.9278	.4464	-.7975	.4344
.4500	-.9619	.3645	-.8538	.3517	-.7966	.3370
.6000	-.8883	.2686	-.8020	.2543	******	.2423
.7500	-.8218	.1685	-.7787	.1578	-.7247	.1450
.9000	-.7479	.0639	-.7271	.0494	-.6895	.0294
.9500	-.7002	.0197	-.7003	-.0002	-.6827	-.0101
.9750						
	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.7575	.5387	-.6848	.5016		
.1000	-.7459	.5282	-.6809	.4974	-.6230	.4422
.1500	-.7396	.5046	-.6788	.4732	-.6251	.4111
.2250	-.7316	.3349	-.6797	.4377	-.6242	.3561
.3000	-.7325	.4159	-.6773	.3833	-.6239	.2943
.4500	-.7253	******	-.6681	.2874	-.6296	.1483
.6000	-.7036	.2292	-.6543	.1820	-.6230	.0383
.7500	-.6803	.1163	-.6514	.0560	-.6201	-.0543
.9000	-.6696	.0022	-.6379	-.0435	-.6093	-.1119
.9500						
.9750						

TABLE VI.- TEST DATA

(d) Continued

	CONFIG 8		MACH 1.03		ALPHA -.01	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	.1520	.1628	.1527	.1428	.1272	.1381
.0500	.1206	.1196	.1094	.1181	.1036	.0982
.1000	*******	.0780	.0480	.0661	.0652	.0545
.1500	.0486	.0429	.0398	.0280	.0244	.0075
.2250	.0104	.0027	.0026	-.0127	-.0271	-.0279
.3000	-.0169	-.0303	-.0387	-.0548	-.0808	-.0790
.4500	-.1204	-.1097	-.1348	-.1333	-.1542	-.1473
.6000	-.1554	-.1638	-.1673	-.1850	-.1995	-.2082
.7500	-.2183	-.2333	-.2443	-.2512	-.2637	-.2772
.9000	-.2536	-.2715	-.2771	-.3041	-.3066	-.3304
.9500	-.0459	-.0775	-.0569	-.0954	-.0790	-.1136
.9750	.0410	.0334	.0331	.0283	.0198	.0084

X/C	STATION 4		STATION 5		STATION 6	
.0250	.1409	.1033	*******	.0976		
.0500	.1021	.0828	.0627	.0554		
.1000	.0440	.0349	.0478	.0079	.0368	.0357
.1500	-.0035	-.0053	-.0352	-.0454	-.0101	-.0160
.2250	-.0593	-.0566	-.0782	-.0851	-.0633	-.0824
.3000	-.1025	-.1002	-.1230	-.1261	-.0955	-.1004
.4500	-.1643	-.1742	-.1946	-.1892	-.1367	-.1380
.6000	-.2228	-.2309	-.2457	-.2644	-.2111	-.2149
.7500	-.2911	-.2969	-.3147	-.3213	*******	-.2738
.9000	-.3353	-.3596	-.3648	-.3399	-.3329	-.3476
.9500	-.1187	-.1500	-.2146	-.2672	-.3887	-.3988
.9750					-.3475	-.2750

X/C	STATION 7		STATION 8		STATION 9	
.0250						
.0500	.0340	.0142	-.0107	-.0217		
.1000	-.0331	-.0394	-.0603	-.0639	-.0952	-.1019
.1500	-.0752	-.0705	-.0892	-.1031	-.1233	-.1348
.2250	-.1155	-.1192	-.1370	-.1503	-.1630	-.1766
.3000	-.1525	-.1706	-.1794	-.1913	-.2206	-.2391
.4500	-.2379	*******	-.2621	-.2561	-.3126	-.2986
.6000	-.2833	-.2980	-.3081	-.3148	-.3400	-.2375
.7500	-.3568	-.3656	-.3917	-.3886	-.3815	-.3885
.9000	-.4141	-.3455	-.4087	-.3168	-.3663	-.3423
.9500						
.9750						

TABLE VI.- TEST DATA

(d) Continued

	CONFIG 8		MACH 1.03		ALPHA 8.65	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-.7272	.5647	-.7371	.5264	-.7439	.5228
.0500	-.7522	.5124	-.7397	.4934	-.7388	.4744
.1000	*******	.4411	-.7788	.4156	-.7585	.4094
.1500	-.7305	.3868	-.7680	.3654	-.7734	.3485
.2250	-.1754	.3226	-.7502	.3063	-.7704	.2855
.3000	-.2174	.2680	-.5797	.2502	-.7740	.2368
.4500	-.3321	.1708	-.2764	.1498	-.6717	.1400
.6000	-.3569	.0832	-.3536	.0654	-.2877	.0476
.7500	-.4144	.0015	-.4340	-.0124	-.4200	-.0362
.9000	-.3709	-.0586	-.4069	-.0696	-.4317	-.0649
.9500	-.0470	-.0041	-.0440	.0122	-.0798	.0416
.9750	.0140	.0390	.0183	.0440	.0367	.0823

X/C	STATION 4		STATION 5		STATION 6	
.0250	-.7433	.5023	*******	.4819		
.0500	-.7522	.4587	-.7210	.4422	-.7898	.4258
.1000	-.7657	.3960	-.7454	.3836	-.8095	.3660
.1500	-.7740	.3396	-.7946	.3188	-.8209	.3093
.2250	-.7862	.2763	-.8050	.2657	-.8253	.2570
.3000	-.7886	.2246	-.8149	.2137	-.8304	.2017
.4500	-.7800	.1272	-.8194	.1175	-.8399	.1085
.6000	-.7138	.0416	-.8313	.0324	*******	.0192
.7500	-.5049	-.0404	-.8068	-.0540	-.8003	-.0674
.9000	-.4245	-.0523	-.5933	-.0181	-.5346	-.0489
.9500	-.0625	.0841	-.3077	.0350	-.4726	-.0369
.9750						

X/C	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.8289	.4126	-.7290	.4031		
.1000	-.8429	.3577	-.7347	.3391	-.6345	.3203
.1500	-.8539	.3099	-.7374	.2952	-.6285	.2677
.2250	-.8551	.1456	-.7031	.2370	-.6142	.1946
.3000	-.8489	.1931	-.6810	.1832	-.5975	.1076
.4500	-.8361	*******	-.6330	.0876	-.5674	-.0483
.6000	-.7770	.0120	-.5760	-.0151	-.5376	-.1504
.7500	-.6658	-.0850	-.5236	-.1504	-.5131	-.2325
.9000	-.6097	-.0952	-.4893	-.1570	-.4884	-.2116
.9500						
.9750						

TABLE VI.- TEST DATA

(d) Continued

	CONFIG 8		MACH 1.03		ALPHA 13.00	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-.9568	.6847	-.9503	.6288	-.9363	.5985
.0500	-.9565	.6520	-.9422	.6112	-.9419	.5827
.1000	*******	.5861	-.9950	.5607	-.9565	.5399
.1500	-1.0448	.5354	-1.0299	.5096	-.9876	.4637
.2250	-1.0263	.4695	-1.0329	.4448	-1.0251	.4240
.3000	-.6652	.4046	-1.0189	.3868	-1.0415	.3731
.4500	-.3715	.3036	-.6519	.2896	-.9998	.2798
.6000	-.4159	.2135	-.3724	.2007	-.9935	.1867
.7500	-.4896	.1350	-.4785	.1273	-.5215	.1112
.9000	-.3256	.1002	-.2263	.0946	-.0011	.0866
.5500	-.0470	.0943	.0370	.1193	.2055	.1071
.9750	.0697	.1148	.1338	.1350	.1934	.1627

	STATION 4		STATION 5		STATION 6	
.0250	-.9220	.5678	*******	.5461		
.0500	-.9270	.5568	-.8562	.5382	-.9430	.5155
.1000	-.9306	.5120	-.8815	.4979	-.9391	.4820
.1500	-.9467	.4674	-.9651	.4518	-.9233	.4465
.2250	-.9986	.4115	-.9872	.4022	-.8890	.3962
.3000	-1.0374	.3630	-1.0158	.3511	-.8711	.3418
.4500	-1.0520	.2679	-1.0531	.2608	-.7953	.2512
.6000	-1.0493	.1817	-1.0316	.1813	*******	.1690
.7500	-1.0034	.1163	-.8007	.1101	-.7090	.0952
.9000	-.4514	.0794	-.5945	.0566	-.6121	.0139
.5500	-.2901	.0916	-.5554	.0195	-.5930	-.0175
.9750						

	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.7562	.4970	-.7037	.4752		
.1000	-.7677	.4683	-.6929	.4456	-.5855	.4067
.1500	-.7496	.4306	-.6852	.4121	-.5682	.3663
.2250	-.7296	.2641	-.6777	.3654	-.5563	.3032
.3000	-.7150	.3311	-.6634	.3128	-.5354	.2279
.4500	-.6813	*******	-.6321	.2219	-.4951	.0404
.6000	-.6213	.1597	-.6034	.1221	-.4888	-.0125
.7500	-.5818	.0668	-.5771	.0031	-.4945	-.0663
.9500	-.5745	-.0274	-.5603	-.0716	-.5040	-.1108
.9750						

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	CONFIG 8		MACH 1.03		ALPHA 17.30	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-1.0764	.7787	-1.0788	.7041	-1.0624	.6592
.0500	-1.0624	.7716	-1.0520	.7112	-1.0666	.6669
.1000	*******	.7261	-1.1030	.6803	-1.0487	.6461
.1500	-1.1453	.6809	-1.1271	.6384	-1.0197	.6080
.2250	-1.1671	.6125	-1.1209	.5774	-.9965	.5560
.3000	-1.1782	.5470	-1.0803	.5224	-.9765	.5039
.4500	-.7160	.4421	-1.0123	.4218	-.9058	.4087
.6000	-.4230	.3388	-.8121	.3261	-.8192	.3076
.7500	-.2646	.2404	-.5943	.2312	-.7691	.2106
.9000	-.6119	.1479	-.6241	.1357	-.5746	.1149
.9500	-.4290	.0905	-.3108	.0908	-.5268	.0628
.9750	-.2222	.0890	-.2323	.0399	-.4925	.0054

	STATION 4		STATION 5		STATION 6	
.0250	-.9341	.6128	*******	.5915		
.0500	-.9084	.6366	-.8145	.6076	-.7757	.5807
.1000	-.9037	.6125	-.8104	.5918	-.7674	.5699
.1500	-.9245	.5866	-.8719	.5532	-.7614	.5457
.2250	-.9425	.5343	-.8510	.5209	-.7629	.4967
.3000	-.9263	.4890	-.8307	.4700	-.7578	.4519
.4500	-.8228	.3903	-.7862	.3770	-.7488	.3537
.6000	-.7560	.2945	-.7444	.2837	*******	.2645
.7500	-.7417	.2026	-.7196	.1865	-.6960	.1676
.9000	-.6611	.0929	-.6757	.0743	-.6691	.0513
.9500	-.6190	.0453	-.6611	.0210	-.6578	.0088
.9750						

	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.7258	.5442	-.6691	.5140		
.1000	-.7166	.5412	-.6724	.5077	-.6279	.4491
.1500	-.7190	.5185	-.6712	.4853	-.6312	.4237
.2250	-.7154	.3447	-.6599	.4476	-.6216	.3689
.3000	-.7049	.4255	-.6560	.3994	-.6160	.3010
.4500	-.6915	*******	-.6485	.3022	-.6121	.1676
.6000	-.6736	.2463	-.6378	.1993	-.6094	.0557
.7500	-.6584	.1359	-.6285	.0731	-.5960	-.0361
.9000	-.6452	.0219	-.6142	-.0226	-.5855	-.0980
.9500						
.9750						

TABLE VI. - TEST DATA

(e) Mach = 1.20

CONFIG	MACH	ALPHA
1	1.20	-.03

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1491	.1435	.1453	.1237	.1472	.1316	.1463	.1159
.0250	.1301	.1237	.1180	.1156	.1227	.1116	.1163	.0942
.0500	.1131	.0915	.0963	.0953	.0932	.0793	.0888	.0812
.1000	.0924	.0715	.0674	.0631	.0660	.0473	.0641	.0452
.1500	.0428	.0449	.0489	.0335	.0448	.0208	.0277	.0268
.2250	.0200	.0230	.0106	.0062	.0079	-.0117	-.0124	-.0234
.3000	.0024	.0056	-.0064	-.0226	-.0224	-.0457	-.0458	-.0606
.4500	*******	-.0446	-.0482	-.0775	-.0732	-.0949	-.0974	-.1047
.6000	-.0200	-.0895	-.0947	-.1120	-.1238	-.1275	-.1520	-.1466
.7500	-.1110	-.1107	-.1482	-.1286	-.1803	-.1585	-.1759	-.1963
.9000	-.1558	-.1324	-.1803	-.1686	-.1903	-.2018	-.2227	-.2257
.9500	-.1276	-.1050	-.1094	-.0965	-.0817	-.0838	-.0869	-.0467

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.1014	.0825	.0930	.0539	.0649	.0356		
.0500	.0921	.0533	.0627	.0299	.0215	.0416	.0122	.0081
.1000	.0321	.0236	.0182	-.0072	-.0110	.0021	-.0284	-.0371
.1500	.0016	-.0175	-.0039	-.0325	-.0428	-.0311	*******	-.0818
.2250	-.0390	-.0570	-.0485	-.0747	-.0708	-.0657	-.1021	-.1164
.3000	-.0887	-.0763	-.0886	*******	-.1095	-.1115	-.1301	-.1425
.4500	-.1146	-.1297	-.1456	-.1520	-.1565	-.1493	-.1921	*******
.6000	-.1744	-.1746	-.1962	-.1749	-.2220	-.2100	-.2563	-.2422
.7500	-.2155	-.2108	-.2318	-.2332	-.2585	-.2650	-.2723	-.2852
.9000	-.2484	-.2079	-.2778	-.2550	-.2987	-.2787	-.2740	-.2912
.9500	-.0937	-.0507	-.1255	-.0687				

TABLE VI.- TEST DATA

(e) Continued

CONFIG
1

MACH
1.20

ALPHA
4.08

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE STATION 1	CP UPPER SURFACE STATION 2	CP LOWER SURFACE STATION 2	CP UPPER SURFACE STATION 3	CP LOWER SURFACE STATION 3	CP UPPER SURFACE STATION 4	CP LOWER SURFACE STATION 4
.0125	-.2439	.3051	-.2703	.3032	-.2956	.3122	-.3067	.3040
.0250	-.2146	.2761	-.2809	.2772	-.2994	.2851	-.3170	.2750
.0500	-.1956	.2192	-.2627	.2325	-.3168	.2382	-.3263	.2528
.1000	-.0558	.1886	-.1067	.1954	-.2358	.1894	-.3227	.2021
.1500	-.0553	.1550	-.0566	.1555	-.1159	.1523	-.2687	.1682
.2250	-.0525	.1254	-.0893	.1214	-.0920	.1094	-.1923	.1081
.3000	-.0836	.1067	-.0999	.0856	-.1232	.0764	-.1583	.0729
.4500	******	.0460	-.1395	.0227	-.1719	.0214	-.1974	-.0003
.6000	-.1588	-.0009	-.1877	-.0093	-.2099	-.0626	-.2347	-.0639
.7500	-.1681	-.0275	-.2108	-.0702	-.2461	-.0944	-.2556	-.0955
.9000	-.2129	-.0781	-.2358	-.0865	-.2224	-.1161	-.2461	-.1441
.9500	-.1363	-.0593	-.0797	-.0794	-.0528	-.0849	-.0621	-.0924

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE STATION 5	CP UPPER SURFACE STATION 6	CP LOWER SURFACE STATION 6	CP UPPER SURFACE STATION 7	CP LOWER SURFACE STATION 7	CP UPPER SURFACE STATION 8	CP LOWER SURFACE STATION 8
.0125								
.0250	-.3486	.2746	-.4100	.2537	-.4585	.2534		
.0500	-.3698	.2357	-.3967	.2139	-.4772	.2354	-.5256	.2534
.1000	-.3801	.1880	-.3535	.1564	-.4699	.1964	-.5673	.1872
.1500	-.3632	.1367	-.3355	.1239	-.4609	.1536	******	.1310
.2250	-.3173	.0856	-.3222	.0531	-.4345	.1103	-.4949	.0839
.3000	-.2776	.0441	-.3186	******	-.4079	.0626	-.4780	.0457
.4500	-.2196	-.0251	-.3238	-.0080	-.3690	.0157	-.4473	******
.6000	-.2670	-.0954	-.3404	-.0456	-.3603	-.0673	-.4114	-.1736
.7500	-.3042	-.1054	-.3562	-.1104	-.3758	-.1286	-.3562	-.2300
.9000	-.2313	-.1417	-.1878	-.1651	-.1685	-.2011	-.2172	-.2695
.9500	-.0766	-.1011	-.0994	-.1284				

TABLE VI.- TEST DATA

(e) Continued

CONFIG 1   MACH 1.20   ALPHA 12.33

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE STATION 1	CP UPPER SURFACE STATION 2	CP LOWER SURFACE STATION 2	CP UPPER SURFACE STATION 3	CP LOWER SURFACE STATION 3	CP UPPER SURFACE STATION 4	CP LOWER SURFACE STATION 4
.0125	-.6151	.4966	-.5857	.4397	-.5746	.4085	-.5781	.3746
.0250	-.5415	.4947	-.6194	.4630	-.5947	.4399	-.6023	.4212
.0500	-.6773	.4519	-.6249	.4573	-.6058	.4426	-.6088	.4323
.1000	-.5869	.4323	-.6605	.4283	-.6205	.4182	-.6135	.4333
.1500	-.6735	.4079	-.7203	.3922	-.6586	.3900	-.6257	.3822
.2250	-.1820	.3724	-.7366	.3570	-.7029	.3545	-.6654	.3380
.3000	-.1651	.3418	-.7412	.3244	-.7290	.3144	-.7043	.3028
.4500	*******	.2773	-.2331	.2594	-.7421	.2407	-.7393	.2279
.6000	-.2285	.2193	-.2636	.1951	-.6230	.1176	-.7469	.1621
.7500	-.3003	.1518	-.3160	.1331	-.3288	.1089	-.7695	.1011
.9000	-.3144	.0902	-.3283	.0664	-.2943	.0433	-.7138	.0395
.9500	-.1689	.0599	-.1893	.0127	-.2513	.0330	-.4912	.0452

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE STATION 5	CP UPPER SURFACE STATION 6	CP LOWER SURFACE STATION 6	CP UPPER SURFACE STATION 7	CP LOWER SURFACE STATION 7	CP UPPER SURFACE STATION 8	CP LOWER SURFACE STATION 8
.0125								
.0250	-.6158	.3824	-.6656	.3461	-.6765	.3369		
.0500	-.5251	.3971	-.6602	.3707	-.6885	.3611	-.5617	.3568
.1000	-.6379	.3868	-.6623	.3576	-.6912	.3756	-.5375	.3535
.1500	-.6466	.3570	-.6594	.3497	-.6945	.3442	*******	.3271
.2250	-.6594	.3192	-.6738	.2445	-.6972	.3208	-.4645	.3009
.3000	-.6757	.2810	-.6863	*******	-.7048	.2848	-.4371	.2622
.4500	-.7295	.2221	-.7045	.2292	-.6885	.2412	-.4246	*******
.6000	-.7570	.1643	-.7222	.1695	-.6033	.1504	-.3816	.0231
.7500	-.7766	.1172	-.6569	.0910	-.6161	.0738	-.3418	-.0469
.9000	-.6964	.0408	-.6536	.0373	-.6038	.0038	-.3144	-.0970
.9500	-.5928	.0128	-.6161	.0035				

TABLE VI.- TEST DATA

(e) Continued

CONFIG 1 MACH 1.20 ALPHA 16.48

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE	CP UPPER SURFACE STATION 2	CP LOWER SURFACE	CP UPPER SURFACE STATION 3	CP LOWER SURFACE	CP UPPER SURFACE STATION 4	CP LOWER SURFACE
.0125	-.5907	.5964	-.6535	.4932	-.6350	.4409	-.6472	.3869
.1250	-.7375	.6151	-.7002	.5409	-.6668	.4994	-.6755	.4626
.0500	-.7690	.5829	-.7043	.5533	-.6766	.5262	-.6858	.4975
.1000	-.7935	.5764	-.7206	.5420	-.6891	.5148	-.6893	.4910
.1500	-.8334	.5460	-.7644	.5113	-.7157	.4967	-.7016	.4783
.2250	-.6855	.5008	-.8198	.4783	-.7478	.4652	-.7182	.4390
.3000	-.3449	.4693	-.8489	.4441	-.7839	.4273	-.7434	.4140
.4500	******	.3950	-.7116	.3744	-.8307	.3555	-.7878	.3487
.6000	-.3763	.3305	-.4526	.3069	-.8383	.2164	-.8193	.2855
.7500	-.3468	.2666	-.3612	.2419	-.7364	.2319	-.8389	.2099
.9000	-.3406	.2004	-.3229	.1584	-.4759	.1348	-.7899	.1131
.9500	-.2231	.1310	-.1606	.1142	-.3346	.0950	-.6493	.0721

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE	CP UPPER SURFACE STATION 6	CP LOWER SURFACE	CP UPPER SURFACE STATION 7	CP LOWER SURFACE	CP UPPER SURFACE STATION 8	CP LOWER SURFACE
.0125								
.0250	-.6929	.4117	-.7114	.3817	-.6994	.3474		
.0500	-.6950	.4564	-.7214	.4272	-.7263	.3918	-.4502	.3814
.1000	-.7078	.4646	-.7250	.4438	-.7282	.4351	-.4260	.3951
.1500	-.7173	.4564	-.7241	.4447	-.7282	.4155	******	.3951
.2250	-.7271	.4264	-.7263	.3255	-.7228	.3986	-.3473	.3649
.3000	-.7786	.3991	-.7337	******	-.6934	.3686	-.3193	.3446
.4500	-.7772	.3414	-.7486	.3269	-.5256	.3217	-.3129	******
.6000	-.7916	.2757	-.6657	.2563	-.4486	.2372	-.3278	.1083
.7500	-.7304	.1974	-.5868	.1745	-.4646	.1566	-.3479	.0257
.9000	-.6961	.0993	-.5481	.0925	-.5392	.0524	-.3852	-.0585
.9500	-.6545	.0470	-.5669	.0453				

TABLE VI.- TEST DATA

(e) Continued

CONFIG 2 MACH 1.20 ALPHA .01

X/C	CP UPPER SURFACE Station 1	CP LOWER SURFACE	CP UPPER SURFACE Station 2	CP LOWER SURFACE	CP UPPER SURFACE Station 3	CP LOWER SURFACE	CP UPPER SURFACE Station 4	CP LOWER SURFACE
.0125	.1536	.1467	.1329	.1302	.1287	.1166	.1274	.1177
.0250	.1450	.1421	.1241	.1207	.1108	.1033	.0995	.0990
.0500	.1312	.1147	.1072	.1055	.0968	.0836	.0811	.0822
.1000	.1067	.0879	.0733	.0667	.0645	.0499	.0585	.0554
.1500	.0598	.0583	.0480	.0386	.0441	.0266	.0223	.0323
.2250	.0350	.0315	.0177	.0104	.0088	-.0059	-.0169	-.0198
.3000	.0149	.0090	.0017	-.0179	-.0207	-.0334	-.0468	-.0546
.4500	******	-.0415	-.0449	-.0731	-.0704	-.0886	-.0998	-.1044
.6000	-.0098	-.0853	-.0930	-.1041	-.1251	-.1242	-.1506	-.1435
.7500	-.1147	-.1090	-.1482	-.1212	-.1789	-.1558	-.1781	-.1961
.9000	-.1566	-.1305	-.1778	-.1831	-.1773	-.1901	-.1928	-.2031
.9500	-.1272	-.1017	-.0916	-.0845	-.0669	-.0701	-.0669	-.0310

X/C	CP UPPER SURFACE Station 5	CP LOWER SURFACE	CP UPPER SURFACE Station 6	CP LOWER SURFACE	CP UPPER SURFACE Station 7	CP LOWER SURFACE	CP UPPER SURFACE Station 8	CP LOWER SURFACE
.0125								
.0250	.0830	.1042	.0828	.0665	.0568	.0477		
.0500	.0421	.0698	.0617	.0360	.0232	.0445		
.1000	.0249	.0341	.0153	-.0038	-.0201	.0099	-.0093	.0112
.1500	-.0046	-.0111	-.0071	-.0267	-.0438	-.0242	-.0275	-.0351
.2250	-.0775	-.0566	-.0558	-.0659	-.0783	-.0596	******	-.0809
.3000	-.0718	-.0732	-.0879	******	-.1134	-.1075	-.1017	-.1114
.4500	-.1162	-.1250	-.1510	-.1452	-.1608	-.1454	-.1543	-.1144
.6000	-.1722	-.1724	-.1969	-.1727	-.2217	-.2067	-.1940	******
.7500	-.2220	-.2136	-.2345	-.2269	-.2647	-.2607	-.2568	-.2435
.9000	-.2078	-.1937	-.2598	-.2397	-.2987	-.2702	-.2777	-.2839
.9500	-.0664	-.0455	-.1050	-.0574			-.2609	-.2874

TABLE VI.- TEST DATA

(e) Continued

CONFIG	MACH	ALPHA
2	1.20	4.34

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.0689	.2958	-.1200	.2472	-.1426	.2139	-.1273	.1822
.0250	-.0172	.2594	-.0833	.2155	-.0994	.1786	-.0773	.1494
.0500	.0562	.2006	.0137	.1689	-.0104	.1325	-.0235	.1285
.1000	.0369	.1556	.0060	.1225	-.0028	.0965	-.0341	.1084
.1500	.3005	.1168	-.0172	.0864	-.0191	.0631	-.0613	.0878
.2250	-.0224	.0832	-.0425	.0539	-.0485	.0368	-.0945	.0471
.3000	-.0390	.0496	-.0493	.0181	-.0754	.0027	-.1260	.0252
.4500	******	-.0093	-.0849	-.0387	-.1295	-.0321	-.1779	-.0278
.6000	-.0564	-.0599	-.1355	-.0623	-.1750	-.0898	-.2198	-.0795
.7500	-.1355	-.0827	-.1850	-.1094	-.2272	-.1246	-.2427	-.1151
.9000	-.1782	-.1173	-.2013	-.1252	-.1682	-.1287	-.1633	-.1467
.9500	-.1246	-.0895	-.0724	-.0708	-.0436	-.0784	-.0545	-.0883

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.3045	.2006	-.3897	.2409	-.4261	.2434		
.0500	-.3326	.1755	-.3832	.2033	-.4414	.2281	-.5124	.2575
.1000	-.1122	.1474	-.3788	.1531	-.4485	.1954	-.5371	.1918
.1500	-.1516	.1090	-.4044	.1253	-.4487	.1526	******	.1381
.2250	-.1740	.0673	-.4093	.0509	-.4378	.1136	-.4814	.0918
.3000	-.1993	.0307	-.2855	******	-.4289	.0678	-.4743	.0526
.4500	-.2142	-.0319	-.2539	-.0199	-.4142	.0166	-.4610	******
.6000	-.2626	-.0646	-.2890	-.0513	-.3992	-.0701	-.4316	-.1723
.7500	-.3092	-.1260	-.3255	-.1194	-.4025	-.1415	-.3519	-.2404
.9000	-.1361	-.1401	-.0714	-.1655	-.2123	-.1903	-.2036	-.2548
.9500	-.0605	-.0976	-.0211	-.1134				

TABLE VI.- TEST DATA

(e) Continued

CONFIG	MACH	ALPHA
2	1.20	8.68

X/C	CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1			STATION 2			STATION 3			STATION 4	
.0125	-.1863	.3757		-.2203	.2367		-.2344	.1465		-.3902	.1782
.0250	-.2037	.3484		-.2263	.2115		-.2434	.1357		-.4135	.1947
.0500	-.1483	.2860		-.2168	.1722		-.2162	.1229		-.4684	.2007
.1000	-.0578	.2270		-.1045	.1267		-.1198	.1075		-.4364	.2004
.1500	-.0298	.1717		-.0692	.0834		-.1140	.0991		-.2051	.1934
.2250	-.0730	.1134		-.1053	.0620		-.1355	.0877		-.2255	.1554
.3000	-.0931	.0685		-.1162	.0470		-.1583	.0769		-.2502	.1365
.4500	******	.0072		-.1448	.0132		-.2089	.0611		-.2828	.0747
.6000	-.1067	-.0205		-.1969	.0107		-.2524	-.0169		-.3100	.0208
.7500	-.1983	-.0213		-.2543	-.0286		-.3040	-.0286		-.3230	-.0300
.9000	-.2524	-.0384		-.2880	-.0566		-.2467	-.0757		-.2132	-.0710
.9500	-.1865	-.0397		-.1222	-.0621		-.0871	-.0683		-.1127	-.0481
	STATION 5			STATION 6			STATION 7			STATION 8	
.0125											
.0250	-.4793	.2628		-.5029	.2794		-.5466	.2799			
.0500	-.5225	.2677		-.5260	.2810		-.5872	.2818			
.1000	-.5627	.2483		-.5317	.2459		-.5959	.2794		-.6141	.3145
.1500	-.6062	.2195		-.5402	.2279		-.5964	.2364		-.6196	.2878
.2250	-.6389	.1786		-.5717	.1413		-.5981	.2140		******	.2538
.3000	-.4624	.1413		-.5959	******		-.6054	.1832		-.5850	.2170
.4500	-.2908	.0773		-.6677	.0819		-.6242	.1440		-.6003	.1830
.6000	-.3040	.0149		-.6639	.0615		-.6487	.0625		-.5826	******
.7500	-.3765	-.0211		-.5467	.0056		-.5937	-.0154		-.4423	-.0652
.9000	-.1560	-.0456		-.2460	-.0502		-.5799	-.0761		-.4178	-.1360
.9500	-.1035	-.0451		-.1690	-.0475					-.4461	-.1603

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TABLE VI.- TEST DATA

(e) Continued

CONFIG 2   MACH 1.20   ALPHA 13.01

X/C	STATION 1 CP UPPER SURFACE	STATION 1 CP LOWER SURFACE	STATION 2 CP UPPER SURFACE	STATION 2 CP LOWER SURFACE	STATION 3 CP UPPER SURFACE	STATION 3 CP LOWER SURFACE	STATION 4 CP UPPER SURFACE	STATION 4 CP LOWER SURFACE
.0125	-.2331	.4280	-.4450	.1485	-.4640	.1428	-.4958	.2176
.0250	-.2486	.3792	-.4613	.1509	-.4822	.1764	-.5249	.2718
.0500	-.2786	.2908	-.4776	.1425	-.5037	.1951	-.5616	.3027
.1000	-.2492	.2127	-.4102	.1447	-.6209	.2008	-.5937	.2957
.1500	-.1839	.1628	-.1412	.1222	-.4355	.1992	-.6540	.2873
.2250	-.1899	.1276	-.1834	.1103	-.2573	.2038	-.6671	.2575
.3000	-.1581	.1059	-.1956	.1219	-.3014	.2008	-.5271	.2385
.4500	******	.0636	-.2587	.1254	-.3408	.1656	-.4164	.1872
.6000	-.1962	.0791	-.3041	.1176	-.3672	.0761	-.4088	.1366
.7500	-.2935	.0764	-.3512	.0864	-.3985	.0845	-.4210	.0804
.9000	-.3267	.0522	-.3520	.0395	-.2783	.0165	-.2429	.0130
.9500	-.1954	.0249	-.1712	-.0033	-.1848	-.0014	-.2009	.0026

X/C	STATION 5 CP UPPER SURFACE	STATION 5 CP LOWER SURFACE	STATION 6 CP UPPER SURFACE	STATION 6 CP LOWER SURFACE	STATION 7 CP UPPER SURFACE	STATION 7 CP LOWER SURFACE	STATION 8 CP UPPER SURFACE	STATION 8 CP LOWER SURFACE
.0125								
.0250	-.5499	.2956	-.5785	.2948	-.6310	.3057		
.0500	-.5885	.3215	-.6092	.3291	-.6356	.3341	-.6620	.3409
.1000	-.6136	.3270	-.6198	.3240	-.6457	.3591	-.6729	.3430
.1500	-.6315	.3054	-.6253	.3218	-.6457	.3321	******	.3300
.2250	-.6476	.2776	-.6492	.2302	-.6500	.3084	-.6043	.3022
.3000	-.6865	.2477	-.6609	******	-.6652	.2793	-.5736	.2749
.4500	-.7267	.1907	-.6892	.2149	-.6818	.2414	-.4775	******
.6000	-.6457	.1482	-.7395	.1585	-.5782	.1632	-.3905	.0370
.7500	-.5695	.0866	-.7381	.1029	-.5706	.0849	-.3497	-.0339
.9000	-.3309	.0383	-.6473	.0340	-.6302	.0078	-.3309	-.0930
.9500	-.2890	.0051	-.5975	.0037				

TABLE VI.- TEST DATA

(e) Continued

| CONFIG 2 | | MACH 1.20 | | ALPHA 17.32 | |

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE	CP UPPER SURFACE STATION 2	CP LOWER SURFACE	CP UPPER SURFACE STATION 3	CP LOWER SURFACE	CP UPPER SURFACE STATION 4	CP LOWER SURFACE
.0125	-.4029	.3503	-.5870	.1668	-.6044	.1478	-.6022	.2270
.0250	-.4399	.3335	-.6199	.2015	-.6422	.2129	-.6256	.3059
.0500	-.5179	.2801	-.6579	.2159	-.6781	.2739	-.6411	.3593
.1000	-.3977	.2598	-.7346	.2275	-.6778	.3159	-.6588	.3755
.1500	-.2346	.2324	-.4671	.2213	-.6930	.3300	-.6685	.3791
.2250	-.2822	.2039	-.3561	.2235	-.6027	.3246	-.6805	.3644
.3000	-.2841	.1831	-.3662	.2506	-.5288	.3140	-.6805	.3539
.4500	******	.1763	-.3863	.2522	-.4595	.2853	-.7218	.3539
.6000	-.2882	.1866	-.3915	.2327	-.4763	.1763	-.6628	.3023
.7500	-.3659	.1766	-.4350	.1961	-.4880	.1972	-.6158	.2544
.9000	-.4018	.1324	-.3964	.1245	-.3374	.1093	-.5981	.1877
.9500	-.3235	.0844	-.2536	.0806	-.3097	.0763	-.3868	.0726

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE	CP UPPER SURFACE STATION 6	CP LOWER SURFACE	CP UPPER SURFACE STATION 7	CP LOWER SURFACE	CP UPPER SURFACE STATION 8	CP LOWER SURFACE
.0125								
.0250	-.6137	.3192	-.6186	.3151	-.6648	.3023		
.0500	-.6273	.3775	-.6327	.3781	-.6610	.3547		
.1000	-.6476	.4013	-.6401	.4002	-.6656	.4002	-.6561	.3317
.1500	-.6689	.3953	-.6479	.4070	-.6613	.3955	-.6543	.3705
.2250	-.6662	.3797	-.6738	.3015	-.6613	.3955	******	.3708
.3000	-.6784	.3661	-.6825	******	-.6762	.3871	-.5421	.3612
.4500	-.7363	.3138	-.6974	.3140	-.6844	.3626	-.4806	.3394
.6000	-.7706	.2554	-.6493	.2563	-.6294	.3198	-.4309	******
.7500	-.5980	.1854	-.6520	.1827	-.5506	.2415	-.4080	.1197
.9000	-.5908	.1039	-.7116	.0971	-.5318	.1652	-.3607	.0330
.9500	-.5552	.0491	-.7056	.0513	-.5560	.0625	-.3093	-.0533

TABLE VI.- TEST DATA

(e) Continued

CONFIG 3 MACH 1.20 ALPHA .00

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1019	.1503	.0771	.1419	.0944	.1492	.1449	.1357
.0250	.0870	.1262	.0594	.1259	.0743	.1216	.1129	.1043
.0500	.0671	.0910	.0385	.0956	.0721	.0864	.0911	.0937
.1000	.0382	.0666	.0192	.0620	.0597	.0533	.0685	.0585
.1500	-.0182	.0389	.0189	.0381	.0591	.0224	.0321	.0316
.2250	-.0198	.0186	.0266	.0056	.0302	-.0088	-.0042	-.0180
.3000	.0134	.0018	.0175	-.0253	-.0056	-.0403	-.0377	-.0580
.4500	******	-.0490	-.0339	-.0811	-.0671	-.0972	-.0959	-.1110
.6000	.0010	-.0933	-.0913	-.1157	-.1209	-.1333	-.1462	-.1494
.7500	-.1076	-.1162	-.1429	-.1263	-.1818	-.1605	-.1728	-.1989
.9000	-.1543	-.1358	-.1810	-.1687	-.1929	-.2049	-.2223	-.2266
.9500	-.1318	-.1031	-.1149	-.0939	-.0877	-.0817	-.0415	-.0355
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.1058	.0945	.0687	.0637	.0578	.0574		
.0500	.1015	.0675	.0613	.0402	.0228	.0421	.0103	.0152
.1000	.0641	.0274	.0168	.0002	-.0205	.0103	-.0287	-.0371
.1500	.0073	-.0126	-.0056	-.0254	-.0382	-.0268	******	-.0802
.2250	-.0352	-.0548	-.0436	-.0690	-.0727	-.0589	-.0986	-.1139
.3000	-.0659	-.0717	-.0899	******	-.1054	-.1088	-.1331	-.1436
.4500	-.1146	-.1287	-.1448	-.1453	-.1565	-.1436	-.1938	******
.6000	-.1671	-.1766	-.1965	-.1733	-.2201	-.2079	-.2560	-.2379
.7500	-.2169	-.2115	-.2343	-.2357	-.2596	-.2638	-.2781	-.2842
.9000	-.2568	-.2038	-.2778	-.2387	-.3012	-.2703	-.2623	-.2951
.9500	-.1024	-.0404	-.1527	-.0535				

TABLE VI.- TEST DATA

(e) Continued

CONFIG 3 MACH 1.20 ALPHA 4.13

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE STATION 1	CP UPPER SURFACE STATION 2	CP LOWER SURFACE STATION 2	CP UPPER SURFACE STATION 3	CP LOWER SURFACE STATION 3	CP UPPER SURFACE STATION 4	CP LOWER SURFACE STATION 4
.0125	-.3065	.2966	-.3380	.2939	-.3573	.3077	-.3298	.3045
.0250	-.3127	.2673	-.3551	.2744	-.3614	.2776	-.3372	.2744
.0500	-.2013	.2164	-.3462	.2299	-.3777	.2378	-.3399	.2530
.1000	-.1295	.1822	-.2208	.1925	-.3402	.1858	-.3478	.1999
.1500	-.1145	.1511	-.1145	.1516	-.2284	.1522	-.3266	.1703
.2250	-.1278	.1256	-.0920	.1177	-.0792	.1085	-.2502	.1093
.3000	-.0922	.1026	-.0833	.0822	-.0854	.0774	-.1743	.0692
.4500	******	.0437	-.1192	.0188	-.1567	.0196	-.1790	-.0021
.6000	-.0892	-.0040	-.1762	-.0124	-.2021	-.0643	-.2205	-.0643
.7500	-.1686	-.0355	-.2086	-.0720	-.2437	-.1003	-.2491	-.0986
.9000	-.2119	-.0826	-.2333	-.0918	-.2225	-.1198	-.2472	-.1424
.9500	-.1336	-.0603	-.0803	-.0744	-.0479	-.0820	-.0010	-.0871

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE STATION 5	CP UPPER SURFACE STATION 6	CP LOWER SURFACE STATION 6	CP UPPER SURFACE STATION 7	CP LOWER SURFACE STATION 7	CP UPPER SURFACE STATION 8	CP LOWER SURFACE STATION 8
.0125								
.0250	-.3424	.2734	-.3908	.2513	-.4493	.2494		
.0500	-.3416	.2377	-.3799	.2176	-.4670	.2342		
.1000	-.3438	.1928	-.3473	.1598	-.4626	.1936	-.5263	.2516
.1500	-.3612	.1413	-.3283	.1249	-.4545	.1527	-.5687	.1851
.2250	-.3264	.0870	-.3193	.0538	-.4338	.1115	******	.1320
.3000	-.2915	.0467	-.3234	******	-.4131	.0647	-.5073	.0859
.4500	-.2360	-.0239	-.3356	-.0097	-.3805	.0140	-.4833	.0459
.6000	-.2662	-.0566	-.3519	-.0473	-.3726	-.0639	-.4561	******
.7500	-.3152	-.1119	-.3672	-.1094	-.3710	-.1266	-.4207	-.1688
.9000	-.2578	-.1413	-.1912	-.1677	-.1656	-.2012	-.3269	-.2307
.9500	-.0894	-.0923	-.1145	-.1293			-.2178	-.2686

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TABLE VI.- TEST DATA

(e) Continued

| | CONFIG 3 | | | MACH 1.20 | | | | | | ALPHA 8.24 | |

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.5133	.3887	-.5120	.3681	-.5193	.3605	-.4965	.3521
.0250	-.5245	.3716	-.5340	.3670	-.5345	.3600	-.5166	.3635
.0500	-.5617	.3223	-.5489	.3351	-.5359	.3399	-.5177	.3556
.1000	-.5465	.2917	-.5576	.3061	-.5494	.2999	-.5179	.3074
.1500	-.2463	.2652	-.5519	.2714	-.5630	.2646	-.5318	.2755
.2250	-.1724	.2381	-.5082	.2251	-.5609	.2297	-.5579	.2248
.3000	-.1607	.2105	-.3261	.1880	-.5522	.1983	-.5685	.1912
.4500	*******	.1487	-.1275	.1382	-.3764	.1279	-.5812	.1233
.6000	-.1512	.1016	-.2175	.0900	-.1770	.0293	-.5492	.0499
.7500	-.2232	.0599	-.2558	.0266	-.2601	.0117	-.3979	-.0163
.9000	-.2525	.0033	-.2837	-.0356	-.3033	-.0562	-.2979	-.0508
.9500	-.1400	-.0103	-.0898	-.0459	-.0721	-.0377	-.0199	-.0166
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.4974	.3448	-.5458	.3200	-.5727	.3047		
.0500	-.5023	.3303	-.5524	.3124	-.5939	.2996	-.5454	.3241
.1000	-.5021	.3004	-.5524	.2715	-.5999	.2906	-.5211	.2963
.1500	-.5322	.2587	-.5409	.2481	-.6048	.2576	*******	.2489
.2250	-.5472	.2141	-.5453	.1585	-.6083	.2304	-.4555	.2154
.3000	-.5659	.1754	-.5586	*******	-.6113	.1925	-.4447	.1778
.4500	-.5842	.1010	-.5703	.1005	-.6173	.1433	-.4173	*******
.6000	-.6086	.0346	-.5855	.0708	-.5472	.0583	-.3724	-.0607
.7500	-.6208	.0076	-.5635	.0071	-.5051	-.0174	-.3474	-.1402
.9000	-.5374	-.0307	-.4137	-.0403	-.4784	-.0740	-.3523	-.1587
.9500	-.4107	-.0144	-.3594	-.0465				

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TABLE VI.- TEST DATA

(e) Continued

CONFIG 3 MACH 1.20 ALPHA 12.38

X/C	STATION 1 CP UPPER SURFACE	STATION 1 CP LOWER SURFACE	STATION 2 CP UPPER SURFACE	STATION 2 CP LOWER SURFACE	STATION 3 CP UPPER SURFACE	STATION 3 CP LOWER SURFACE	STATION 4 CP UPPER SURFACE	STATION 4 CP LOWER SURFACE
.0125	-.6422	.4811	-.6335	.4267	-.6080	.4028		
.0250	-.6797	.4811	-.6757	.4497	-.6354	.4324	-.5764	.3733
.0500	-.7132	.4386	-.6854	.4492	-.6354	.4375	-.5982	.4180
.1000	-.7344	.4234	-.7094	.4191	-.6458	.4118	-.6023	.4318
.1500	-.7406	.3963	-.7409	.3896	-.6784	.3896	-.6066	.4036
.2250	-.3237	.3646	-.7456	.3557	-.7235	.3530	-.6256	.3871
.3000	-.1845	.3318	-.7414	.3229	-.7439	.3164	-.6713	.3335
.4500	******	.2757	-.2269	.2573	-.7803	.2416	-.7137	.3028
.6000	-.2128	.2186	-.2579	.1963	-.5865	.1180	-.7545	.2264
.7500	-.2921	.1508	-.3095	.1335	-.3392	.1118	-.7659	.1668
.9000	-.3133	.0928	-.3093	.0695	-.2881	.0419	-.7822	.0996
.9500	-.1742	.0636	-.1492	.0148	-.2399	.0208	-.6776	.0414
							-.4328	.0407

X/C	STATION 5 CP UPPER SURFACE	STATION 5 CP LOWER SURFACE	STATION 6 CP UPPER SURFACE	STATION 6 CP LOWER SURFACE	STATION 7 CP UPPER SURFACE	STATION 7 CP LOWER SURFACE	STATION 8 CP UPPER SURFACE	STATION 8 CP LOWER SURFACE
.0125								
.0250	-.5884	.3840	-.6444	.3470	-.6610	.3304		
.0500	-.5908	.4028	-.6360	.3737	-.6664	.3551		
.1000	-.5903	.3887	-.6381	.3587	-.6751	.3734	-.6300	.3576
.1500	-.6240	.3549	-.6417	.3508	-.6748	.3467	-.5710	.3521
.2250	-.6419	.3184	-.6525	.2500	-.6811	.3200	******	.3319
.3000	-.6719	.2824	-.6634	******	-.6882	.2870	-.4597	.3020
.4500	-.7309	.2233	-.6884	.2279	-.6713	.2399	-.4206	.2710
.6000	-.7621	.1642	-.7192	.1729	-.5930	.1568	-.4002	******
.7500	-.7787	.1211	-.6607	.0982	-.6343	.0808	-.3512	.0301
.9000	-.7184	.0399	-.6520	.0377	-.5892	.0051	-.3327	-.0413
.9500	-.7262	.0154	-.6237	.0067			-.3096	-.0952

TABLE VI.- TEST DATA

(e) Continued

CONFIG 3　　　　MACH 1.20　　　　ALPHA 16.54

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.7083	.5764	-.7050	.4837	-.6675	.4374	-.6409	.3835
.0250	-.7594	.5926	-.7621	.5314	-.7058	.4929	-.6664	.4572
.0500	-.7914	.5647	-.7691	.5430	-.7064	.5208	-.6735	.4956
.1000	-.8028	.5655	-.7702	.5328	-.7088	.5124	-.6794	.4913
.1500	-.8354	.5374	-.7805	.5092	-.7170	.4929	-.6985	.4778
.2250	-.7928	.4964	-.8191	.4748	-.7584	.4631	-.7009	.4452
.3000	-.4498	.4631	-.8591	.4428	-.8104	.4287	-.7324	.4130
.4500	*******	.3948	-.7295	.3743	-.8586	.3577	-.7996	.3466
.6000	-.3063	.3298	-.4490	.3068	-.8384	.2166	-.7928	.2862
.7500	-.3530	.2648	-.3674	.2426	-.7066	.2347	-.7732	.2155
.9000	-.3563	.1995	-.3240	.1591	-.4338	.1366	-.7539	.1177
.9500	-.2451	.1293	-.1677	.1217	-.3212	.0995	-.5696	.0753

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.6719	.4114	-.7050	.3697	-.6430	.3458		
.0500	-.6675	.4542	-.7010	.4253	-.6458	.3913	-.4715	.3817
.1000	-.6681	.4656	-.6996	.4441	-.6458	.4318	-.4522	.3953
.1500	-.6993	.4501	-.6928	.4387	-.6403	.4111	*******	.3800
.2250	-.7116	.4207	-.6874	.3267	-.6376	.3959	-.4084	.3678
.3000	-.7159	.3956	-.6917	*******	-.6199	.3676	-.4043	.3425
.4500	-.7423	.3403	-.6985	.3281	-.5479	.3221	-.4051	*******
.6000	-.7458	.2752	-.6645	.2572	-.4910	.2409	-.3932	.1134
.7500	-.7243	.1970	-.5976	.1769	-.4671	.1602	-.3815	.0180
.9000	-.7486	.1033	-.5533	.0924	-.5030	.0537	-.3662	-.0626
.9500	-.7529	.0472	-.6085	.0464				

TABLE VI.- TEST DATA

(e) Continued

CONFIG 4   MACH 1.20   ALPHA .01

X/C	STATION 1 CP UPPER SURFACE	STATION 1 CP LOWER SURFACE	STATION 2 CP UPPER SURFACE	STATION 2 CP LOWER SURFACE	STATION 3 CP UPPER SURFACE	STATION 3 CP LOWER SURFACE	STATION 4 CP UPPER SURFACE	STATION 4 CP LOWER SURFACE
.0125	.0385	.1832	.0923	.1905	.0504	.1802	.1270	.1504
.0250	.0785	.1509	.0559	.1683	.0683	.1404	.0953	.1233
.0500	.0939	.1119	.0421	.1282	.0668	.1000	.0870	.1046
.1000	.1276	.0886	.0165	.0813	.0699	.0620	.0644	.0620
.1500	-.0389	.0496	.0228	.0458	.0518	.0320	.0283	.0377
.2250	-.0041	.0287	.0316	.0111	.0269	-.0044	-.0101	-.0188
.3000	.0305	.0068	.0225	-.0218	-.0126	-.0351	-.0411	-.0547
.4500	*******	-.0495	-.0316	-.0784	-.0629	-.0898	-.0943	-.1045
.6000	.0118	-.0871	-.0881	-.1091	-.1240	-.1301	-.1518	-.1423
.7500	-.1069	-.1121	-.1433	-.1235	-.1790	-.1540	-.1716	-.1932
.9000	-.1501	-.1311	-.1703	-.1638	-.1841	-.1994	-.2138	-.2182
.9500	-.1213	-.1018	-.0930	-.0922	-.0702	-.0838	-.0730	-.0284

X/C	STATION 5 CP UPPER SURFACE	STATION 5 CP LOWER SURFACE	STATION 6 CP UPPER SURFACE	STATION 6 CP LOWER SURFACE	STATION 7 CP UPPER SURFACE	STATION 7 CP LOWER SURFACE	STATION 8 CP UPPER SURFACE	STATION 8 CP LOWER SURFACE
.0125								
.0250	.0994	.1065	.0975	.0741				
.0500	.0980	.0727	.0603	.0501	.0598	.0626		
.1000	.0379	.0357	.0251	-.0000	.0289	.0501	.0125	.0182
.1500	.0057	-.0071	-.0033	-.0216	-.0142	.0114	-.0305	-.0300
.2250	-.0343	-.0556	-.0433	-.0654	-.0381	-.0227	*******	-.0785
.3000	-.0613	-.0728	-.0882	*******	-.0719	-.0586	-.1015	-.1148
.4500	-.1157	-.1246	-.1426	-.1390	-.1048	-.1055	-.1306	-.1347
.6000	-.1676	-.1695	-.1951	-.1714	-.1578	-.1439	-.1916	*******
.7500	-.2166	-.2063	-.2321	-.2287	-.2212	-.2028	-.2566	-.2407
.9000	-.2484	-.1995	-.2797	-.2360	-.2547	-.2581	-.2740	-.2821
.9500	-.0885	-.0398	-.1331	-.0469	-.3015	-.2663	-.2607	-.2864

TABLE VI.- TEST DATA

(e) Continued

CONFIG 4 MACH 1.20 ALPHA 4.36

X/C	STATION 1 CP UPPER SURFACE	STATION 1 CP LOWER SURFACE	STATION 2 CP UPPER SURFACE	STATION 2 CP LOWER SURFACE	STATION 3 CP UPPER SURFACE	STATION 3 CP LOWER SURFACE	STATION 4 CP UPPER SURFACE	STATION 4 CP LOWER SURFACE
.0125	-.2818	.2431	-.2829	.2553	-.3169	.2572	-.2554	.2548
.0250	-.2597	.2152	-.2948	.2304	-.3199	.2287	-.2627	.2282
.0500	-.1544	.1981	-.2216	.1954	-.3269	.1900	-.2706	.2065
.1000	-.0056	.1753	-.1082	.1555	-.2007	.1441	-.2741	.1664
.1500	-.0821	.1335	-.0927	.1097	-.0462	.1113	-.2094	.1401
.2250	-.1253	.0880	-.0726	.0793	-.0258	.0755	-.1006	.0872
.3000	-.0747	.0671	-.0388	.0459	-.0764	.0424	-.1134	.0514
.4500	******	.0112	-.0891	-.0078	-.1384	-.0037	-.1621	-.0151
.6000	-.0579	-.0345	-.1433	-.0350	-.1762	-.0786	-.2045	-.0737
.7500	-.1474	-.0579	-.1933	-.0924	-.2265	-.1158	-.2276	-.1096
.9000	-.1939	-.1014	-.2260	-.1058	-.2121	-.1259	-.2007	-.1442
.9500	-.1422	-.0742	-.1014	-.0758	-.0424	-.0747	-.0462	-.0836

X/C	STATION 5 CP UPPER SURFACE	STATION 5 CP LOWER SURFACE	STATION 6 CP UPPER SURFACE	STATION 6 CP LOWER SURFACE	STATION 7 CP UPPER SURFACE	STATION 7 CP LOWER SURFACE	STATION 8 CP UPPER SURFACE	STATION 8 CP LOWER SURFACE
.0125	-.2931	.2439	-.3557	.2335	-.4099	.2362	-.4885	.2488
.0250	-.2931	.2087	-.3429	.1978	-.4248	.2240	-.5186	.1858
.0500	-.3206	.1675	-.3274	.1471	-.4292	.1918	******	.1327
.1000	-.3062	.1203	-.3279	.1133	-.4284	.1506	-.4785	.0874
.1500	-.2585	.0762	-.3391	.0466	-.4251	.1103	-.4728	.0486
.2250	-.2139	.0315	-.3486	******	-.4123	.0653	-.4600	******
.3000	-.1820	-.0334	-.3173	-.0157	-.3900	.0151	-.4273	-.1698
.4500	-.2332	-.0672	-.2983	-.0514	-.3769	-.0686	-.3339	-.2229
.6000	-.2860	-.1199	-.3176	-.1139	-.3846	-.1281	-.2269	-.2546
.7500	-.2030	-.1417	-.1591	-.1510	-.1687	-.1894		
.9000	-.0535	-.0782	-.0503	-.0937				

TABLE VI.- TEST DATA

(e) Continued

| | CONFIG 4 | | MACH 1.20 | | ALPHA 8.70 |

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.4751	.3562	-.4552	.2961	-.5047	.2457	-.4511	.2527
.0250	-.4857	.3313	-.4745	.2855	-.5109	.2511	-.4666	.2771
.0500	-.3870	.2879	-.4952	.2470	-.5137	.2359	-.4674	.2744
.1000	-.1820	.2665	-.4824	.2077	-.5550	.2066	-.4753	.2446
.1500	-.1459	.2240	-.3780	.1695	-.5495	.1833	-.5457	.2232
.2250	-.2179	.1728	-.1855	.1348	-.4038	.1530	-.6066	.1801
.3000	-.1777	.1326	-.1227	.1137	-.0382	.1364	-.5868	.1467
.4500	*******	.0692	-.1412	.0652	-.1714	.0828	-.1581	.0839
.6000	-.1176	.0310	-.1983	.0381	-.2361	-.0045	-.2375	.0256
.7500	-.2038	.0096	-.2538	-.0132	-.2883	-.0167	-.2793	-.0311
.9000	-.2573	-.0298	-.2913	-.0556	-.2763	-.0760	-.2193	-.0698
.9500	-.1681	-.0513	-.1260	-.0722	-.0692	-.0700	-.0559	-.0492
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.4552	.2838	-.4762	.2742	-.5289	.2756		
.0500	-.4547	.2794	-.4960	.2764	-.5434	.2778	-.5926	.3105
.1000	-.4879	.2592	-.4987	.2429	-.5531	.2701	-.5991	.2846
.1500	-.5075	.2230	-.5080	.2271	-.5567	.2374	*******	.2453
.2250	-.5738	.1840	-.5254	.1456	-.5667	.2203	-.5659	.2116
.3000	-.6154	.1432	-.5627	*******	-.5795	.1878	-.5844	.1810
.4500	-.6285	.0800	-.6089	.0887	-.6024	.1421	-.5295	*******
.6000	-.4378	.0219	-.6426	.0603	-.6326	.0601	-.4275	-.0628
.7500	-.2988	-.0097	-.6603	.0045	-.5790	-.0151	-.4457	-.1353
.9000	-.1800	-.0489	-.4871	-.0484	-.5240	-.0745	-.4680	-.1598
.9500	-.0524	-.0334	-.3584	-.0312				

TABLE VI.- TEST DATA

(e) Continued

CONFIG 4   MACH 1.20   ALPHA 13.06

X/C	CP UPPER SURFACE (Station 1)	CP LOWER SURFACE (Station 1)	CP UPPER SURFACE (Station 2)	CP LOWER SURFACE (Station 2)	CP UPPER SURFACE (Station 3)	CP LOWER SURFACE (Station 3)	CP UPPER SURFACE (Station 4)	CP LOWER SURFACE (Station 4)
.0125	-.5098	.4882	-.6011	.3430	-.6822	.2164	-.6041	.2530
.0250	-.5489	.4579	-.6454	.3462	-.7335	.2456	-.6374	.3047
.0500	-.4983	.3950	-.6808	.3210	-.7469	.2581	-.6435	.3335
.1000	-.3336	.3579	-.7118	.2833	-.7645	.2413	-.6454	.3188
.1500	-.2112	.3156	-.7015	.2473	-.7732	.2397	-.6993	.3047
.2250	-.3105	.2679	-.5054	.2161	-.7754	.2524	-.7765	.2722
.3000	-.3795	.2261	-.2351	.1833	-.5680	.2348	-.8214	.2456
.4500	******	.1535	-.2052	.1711	-.2376	.1814	-.6074	.1871
.6000	-.2207	.1332	-.2835	.1296	-.3099	.0781	-.3901	.1291
.7500	-.2939	.0936	-.3322	.0836	-.3578	.0765	-.3735	.0711
.9000	-.3390	.0518	-.3665	.0247	-.3268	.0036	-.2547	.0050
.9500	-.2172	.0131	-.1593	-.0089	-.1345	-.0127	-.1341	.0058

X/C	CP UPPER SURFACE (Station 5)	CP LOWER SURFACE (Station 5)	CP UPPER SURFACE (Station 6)	CP LOWER SURFACE (Station 6)	CP UPPER SURFACE (Station 7)	CP LOWER SURFACE (Station 7)	CP UPPER SURFACE (Station 8)	CP LOWER SURFACE (Station 8)
.0125								
.0250	-.5484	.2985	-.5694	.2827	-.6374	.2881	-.6711	.3309
.0500	-.5503	.3295	-.6004	.3159	-.6341	.3154	-.6790	.3345
.1000	-.6137	.3265	-.6165	.3126	-.6426	.3440	******	.3140
.1500	-.6260	.3072	-.6265	.3069	-.6464	.3197	-.6156	.2878
.2250	-.6820	.2742	-.6537	.2186	-.6586	.2955	-.5933	.2595
.3000	-.7354	.2410	-.6782	******	-.6769	.2701	-.4687	******
.4500	-.8055	.1827	-.7198	.2017	-.6997	.2268	-.4042	.0300
.6000	-.7406	.1344	-.7729	.1519	-.6369	.1510	-.3013	-.0468
.7500	-.6774	.0761	-.7903	.0845	-.6107	.0777	-.4067	-.1051
.9000	-.3770	.0249	-.7468	.0262	-.6613	.0020		
.9500	-.2878	.0003	-.6978	-.0029				

TABLE VI.- TEST DATA

(e) Continued

CONFIG	MACH	ALPHA
4	1.20	17.40

X/C	CP UPPER SURFACE STATION 1	CP LOWER SURFACE STATION 1	CP UPPER SURFACE STATION 2	CP LOWER SURFACE STATION 2	CP UPPER SURFACE STATION 3	CP LOWER SURFACE STATION 3	CP UPPER SURFACE STATION 4	CP LOWER SURFACE STATION 4
.0125	-.5345	.5350	-.7151	.3851	-.7425	.2683	-.6860	.2512
.0250	-.5674	.5123	-.7822	.4090	-.8173	.3192	-.7363	.3317
.0500	-.5492	.4589	-.8070	.4046	-.8380	.3461	-.7412	.3789
.1000	-.4317	.4374	-.8271	.3816	-.8467	.3480	-.7404	.3867
.1500	-.4265	.4038	-.8271	.3569	-.8683	.3379	-.7594	.3840
.2250	-.4540	.3618	-.8238	.3293	-.8736	.3320	-.8437	.3634
.3000	-.4371	.3323	-.6204	.3051	-.8796	.3252	-.8663	.3436
.4500	*******	.2734	-.2639	.2699	-.4842	.2840	-.8339	.2881
.6000	-.3061	.2374	-.3373	.2374	-.3961	.1696	-.6669	.2414
.7500	-.3716	.2021	-.4110	.1856	-.4167	.1834	-.5726	.1745
.9000	-.4072	.1368	-.4010	.1091	-.3493	.0910	-.3566	.0923
.9500	-.2783	.0858	-.2005	.0636	-.2035	.0604	-.2687	.0588

X/C	CP UPPER SURFACE STATION 5	CP LOWER SURFACE STATION 5	CP UPPER SURFACE STATION 6	CP LOWER SURFACE STATION 6	CP UPPER SURFACE STATION 7	CP LOWER SURFACE STATION 7	CP UPPER SURFACE STATION 8	CP LOWER SURFACE STATION 8
.0125								
.0250	-.6301	.3161	-.6567	.3016	-.7283	.2888		
.0500	-.6295	.3692	-.6831	.3646	-.7291	.3430	-.6992	.3272
.1000	-.6747	.3924	-.6937	.3869	-.7335	.3967	-.6799	.3586
.1500	-.6975	.3828	-.7033	.3946	-.7370	.3807	*******	.3594
.2250	-.7718	.3627	-.7125	.2967	-.7392	.3736	-.5248	.3477
.3000	-.8164	.3444	-.7522	*******	-.7419	.3518	-.5052	.3286
.4500	-.8208	.2989	-.7960	.3046	-.7525	.3076	-.4573	*******
.6000	-.8238	.2425	-.7909	.2436	-.6592	.2305	-.4143	.1065
.7500	-.8088	.1779	-.7073	.1697	-.5691	.1569	-.3830	.0187
.9000	-.6137	.0882	-.7675	.0844	-.5732	.0574	-.3697	-.0636
.9500	-.5408	.0389	-.7481	.0413				

TABLE VI.- TEST DATA

(e) Continued

CONFIG 5 MACH 1.20 ALPHA -.01

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1910	.0160	.2062	.0959	.2016	-.0640	.1919	.0929
.0250	.1621	.0670	.1773	.0538	.1615	.0453	.1537	.0665
.0500	.1247	.0657	.1358	.0340	.1180	.0489	.1223	.0621
.1000	.0911	.0463	.0863	.0133	.0833	.0483	.0703	.0533
.1500	.0562	-.0317	.0554	.0062	.0595	.0260	.0446	.0255
.2250	.0316	-.0075	.0243	.0211	.0221	-.0023	-.0066	-.0214
.3000	.0088	.0230	-.0091	.0067	-.0148	-.0298	-.0376	-.0529
.4500	-.0330	*******	-.0466	-.0537	-.0756	-.0787	-.0979	-.0863
.6000	-.0569	-.0230	-.0900	-.1061	-.1278	-.1093	-.1498	-.1338
.7500	-.1096	-.0244	-.1498	-.1183	-.1821	-.1528	-.1914	-.1699
.9000	-.1623	-.1251	-.1938	-.1577	-.1993	-.1903	-.2259	-.2066
.9500	-.1251	-.1091	-.1020	-.0871	-.0803	-.0738	-.0763	-.0308

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.1230	.0821	.1012	.0673	.0486	.0891	.0249	.0113
.0500	.0843	.0700	.0775	.0342	.0222	.0623	-.0333	-.0257
.1000	.0469	.0445	.0290	.0045	-.0156	.0100	-.0755	*******
.1500	.0081	-.0113	-.0061	-.0183	-.0526	-.0115	-.1054	-.0944
.2250	-.0368	-.0422	-.0496	-.0520	-.0698	-.0580	-.1359	-.1269
.3000	-.0703	-.0425	*******	-.0809	-.1130	-.0993	*******	-.1869
.4500	-.1128	-.1224	-.1424	-.1317	-.1424	-.1542	-.2469	-.2469
.6000	-.1634	-.1686	-.1849	-.1749	-.2102	-.2067	+.2885	-.2591
.7500	-.2210	-.1909	-.2404	-.2178	-.2717	-.2431	-.3103	-.2355
.9000	-.2520	-.1939	-.2798	-.2488	-.2989	-.2860		
.9500	-.0853	-.0466	-.0986	-.0846				

TABLE VI. - TEST DATA

(e) Continued

CONFIG 5 MACH 1.20 ALPHA 4.33

Y/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.0917	.2013	-.0613	.2475	-.1115	.2398		
.0250	.0690	.1886	.0817	.2002	-.0073	.1958	-.1851	.2764
.0500	.0340	.1520	.0587	.1664	.0171	.1678	-.0990	.2186
.1000	.0144	.1053	.0146	.1210	-.0046	.1293	.0211	.1801
.1500	-.0024	.0963	-.0171	.0866	-.0247	.0949	-.0298	.1383
.2250	-.0277	.0748	-.0458	.0762	-.0575	.0522	-.0518	.0792
.3000	-.0488	.0753	-.0697	.0553	-.0855	.0157	-.0958	.0256
.4500	-.0836	******	-.1037	-.0161	-.1425	-.0454	-.1284	-.0199
.6000	-.0990	-.0044	-.1398	-.0714	-.1737	-.0912	-.1927	-.0666
.7500	-.1370	-.0830	-.1732	-.1138	-.2226	-.1314	-.2239	-.1029
.9000	-.1832	-.1102	-.2201	-.1292	-.2217	-.1157	-.2627	-.1129
.9500	-.1218	-.0934	-.0822	-.0533	-.0467	-.0587	-.2204	-.1393
							-.0508	-.0744

Y/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.3118	.2886	-.4888	.3314	-.5007	.2908		
.0500	-.0511	.2635	-.4975	.2690	-.5238	.2562	-.5479	.2548
.1000	-.0911	.1848	-.4151	.1919	-.5361	.2038	-.5985	.2003
.1500	-.1348	.0768	-.3112	.1597	-.5350	.1769	-.6021	******
.2250	-.1767	.0169	-.2547	.1074	-.4871	.1292	-.5839	.1033
.3000	-.2077	-.0068	******	.0567	-.4417	.0842	-.5409	.0515
.4500	-.2249	-.0515	-.2422	-.0073	-.3955	.0101	******	-.0543
.6000	-.2618	-.1317	-.3090	-.0543	-.3556	-.0654	-.4417	-.1607
.7500	-.3180	-.1681	-.3508	-.1138	-.3868	-.1225	-.4409	-.2083
.9000	-.2012	-.1903	-.2264	-.1700	-.3058	-.1846	-.2985	-.2438
.9500	-.0753	-.1797	-.0965	-.1784				

TABLE VI.- TEST DATA

(e) Continued

CONFIG 5   MACH 1.20   ALPHA 8.64

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.0131	.2042	-.2130	.2917	-.2385	.2307	.0304	.0471
.0250	-.0083	.2073	-.2211	.2452	-.2361	.1910	.0267	-.0149
.0500	-.0262	.2557	-.1291	.1985	-.0761	.1399	.0015	-.0580
.1000	-.0178	.2141	-.0370	.1344	-.0580	.0752	-.0628	-.0754
.1500	-.0250	.1506	-.0742	.0942	-.0770	.0293	-.1074	-.0554
.2250	-.0612	.1115	-.0984	.0617	-.1068	-.0238	-.1848	.0084
.3000	-.0807	.0909	-.1177	.0370	-.1204	-.0694	-.2410	.0403
.4500	-.1200	******	-.1123	-.0529	-.1834	-.0439	-.3029	.0145
.6000	-.0995	-.0287	-.1495	-.0987	-.2426	-.0070	-.3205	-.0306
.7500	-.1380	-.1199	-.2290	-.0499	-.3007	-.0301	-.3539	-.0607
.9000	-.2209	-.0526	-.2798	-.0455	-.2108	-.0529	-.1877	-.0854
.9500	-.1636	-.0501	-.1068	-.0271	-.0775	-.0366	-.0988	-.0558

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.5670	.3850	-.6051	.4005	-.6295	.3430		
.0500	-.5098	.3842	-.6413	.3757	-.6655	.3376	-.6728	.3370
.1000	-.5102	.3580	-.6538	.3290	-.6704	.2926	-.6916	.3122
.1500	-.4632	.2960	-.6603	.2997	-.6750	.2776	-.6899	*******
.2250	-.4292	.2304	-.6081	.2479	-.6605	.2463	-.6500	.2365
.3000	-.4094	.2215	*******	.1420	-.6459	.2108	-.6042	.1614
.4500	-.3797	.0563	-.6943	.1141	-.6694	.1421	*******	.0669
.6000	-.3800	.0086	-.6805	.0672	-.6802	.0747	-.4678	-.0382
.7500	-.4066	-.0219	-.6125	.0187	-.6032	.0148	-.4629	-.1039
.9000	-.1866	-.0485	-.3332	-.0246	-.5271	-.0509	-.5157	-.1338
.9500	-.1388	-.0183	-.2500	-.0268				

TABLE VI.- TEST DATA

(e) Continued

CONFIG
5

MACH
1.20

ALPHA
12.88

Y/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.1529	.1891	-.0218	.0708	.0153	-.2590	-.6217	.3241
.0250	-.0253	.1189	.0183	.0183	-.0299	-.2085	-.6559	.3307
.0500	-.0674	.0490	.0132	-.0203	-.0845	-.1323	-.6730	.3291
.1000	-.1065	.0430	-.0164	-.0789	-.1827	-.0686	-.6868	.2994
.1500	-.1181	.0348	-.0508	-.0987	-.2425	-.0189	-.6379	.2779
.2250	-.1043	.0175	-.0720	-.0371	-.2894	.0441	-.5402	.2507
.3000	-.0571	-.0023	-.1763	.0136	-.3239	.0862	-.4504	.2325
.4500	-.0850	******	-.2422	.0634	-.3391	.1123	-.4051	.1874
.6000	-.1463	.0279	-.2894	.0802	-.3258	.0923	-.4091	.1467
.7500	-.2704	.0518	-.3247	.0727	-.3695	.0620	-.4420	.1101
.9000	-.3163	.0628	-.2948	.0285	-.2473	.0125	-.2552	.0362
.9500	-.1890	.0334	-.1013	.0032	-.1344	-.0111	-.1907	.0206

Y/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.6517	.2560	-.6536	.3598	-.6946	.3484		
.0500	-.6262	.2568	-.6889	.3628	-.7090	.3781	-.5758	.3647
.1000	-.7047	.3637	-.6092	.3631	-.7123	.3470	-.5519	.3694
.1500	-.7321	.3536	-.7060	.3517	-.7191	.3607	-.5323	******
.2250	-.7661	.3225	-.6530	.3271	-.7229	.3236	-.5111	.3233
.3000	-.7857	.3244	******	.2909	-.7310	.2917	-.4872	.2686
.4500	-.7136	.2222	-.7653	.2304	-.7204	.2419	******	.1822
.6000	-.6166	.1626	-.7911	.1620	-.6090	.1803	-.4152	.0664
.7500	-.6620	.1023	-.7457	.1154	-.5791	.1184	-.3722	-.0156
.9000	-.3171	.0609	-.6519	.0609	-.5916	.0269	-.3589	-.0772
.9500	-.2760	.0331	-.5970	.0179				

TABLE VI.- TEST DATA

(e) Continued

CONFIG 5   MACH 1.20   ALPHA 17.36

x/c	CP UPPER SURFACE STATION 1	CP LOWER SURFACE	CP UPPER SURFACE STATION 2	CP LOWER SURFACE	CP UPPER SURFACE STATION 3	CP LOWER SURFACE	CP UPPER SURFACE STATION 4	CP LOWER SURFACE
.0125	.0341	-.0245	.0214	-.5155	-.4801	-.0497	-.6299	.2967
.0250	-.0065	-.1145	.0060	-.5331	-.5143	.0121	-.6533	.3497
.0500	-.0646	-.1967	-.0363	-.3787	-.5368	.0602	-.6587	.3675
.1000	-.0988	-.0641	-.1056	-.1685	-.5648	.1485	-.6720	.3932
.1500	-.1159	-.0121	-.1775	-.1183	-.5773	.2005	-.6777	.3930
.2250	-.1370	-.0706	-.2462	.0269	-.5702	.2637	-.6847	.3737
.3000	-.1351	-.0060	-.3072	.1312	-.5621	.2871	-.6884	.3512
.4500	-.2467	*******	-.3808	.1754	-.5249	.2709	-.6731	.3044
.6000	-.3135	.2161	-.3751	.2329	-.4207	.2511	-.6726	.2513
.7500	-.3235	.2387	-.3669	.2478	-.4551	.2079	-.6614	.1985
.9000	-.3610	.1917	-.3623	.1735	-.3276	.1158	-.4500	.0731
.9500	-.2212	.1435	-.1666	.1199	-.2160	.0583	-.3865	.0136

x/c	CP UPPER SURFACE STATION 5	CP LOWER SURFACE	CP UPPER SURFACE STATION 6	CP LOWER SURFACE	CP UPPER SURFACE STATION 7	CP LOWER SURFACE	CP UPPER SURFACE STATION 8	CP LOWER SURFACE
.0125								
.0250	-.6460	.3477	-.6630	.3681	-.6923	.3414		
.0500	-.6605	.3738	-.6733	.4000	-.6964	.3956	-.4855	.3706
.1000	-.6662	.4204	-.6771	.4275	-.6945	.3086	-.4806	.4011
.1500	-.6741	.4210	-.6707	.4300	-.6966	.4229	-.4670	*******
.2250	-.6825	.4087	-.6331	.4153	-.7059	.3089	-.4528	.3776
.3000	-.6912	.4073	*******	.3661	-.7059	.3738	-.4344	.3221
.4500	-.7308	.3905	-.7086	.3270	-.6064	.3166	*******	.2518
.6000	-.7667	.2624	-.6597	.2578	-.5018	.2409	-.3634	.1327
.7500	-.7331	.1850	-.6219	.1806	-.4778	.1768	-.3332	.0482
.9000	-.6483	.0883	-.6774	.0951	-.4558	.0640	-.3104	-.0405
.9500	-.5901	.0409	-.6896	.0387				

TABLE VI. - TEST DATA

(e) Continued

CONFIG 5   MACH 1.20   ALPHA -.00

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	.1649	.0885	.1527	.0706	.1757	.0502		
.0250	.1402	.0698	.1356	.0510	.1459	.0510	.1784	.0979
.0500	.1059	.0560	.1055	.0381	.1063	.0469	.1429	.0712
.1000	.0744	.0271	.0706	.0125	.0725	.0331	.1074	.0643
.1500	.0435	-.0228	.0413	-.0010	.0540	.0284	.0660	.0546
.2250	.0210	-.0742	.0199	.0086	.0204	.0001	.0389	.0312
.3000	.0050	.0064	-.0078	.0075	-.0173	-.0293	-.0080	-.0157
.4500	-.0317	*******	-.0518	-.0614	-.0779	-.0821	-.0404	-.0519
.6000	-.0594	-.0443	-.0948	-.1095	-.1337	-.1147	-.1002	-.0891
.7500	-.1105	-.0935	-.1549	-.1217	-.1859	-.1543	-.1527	-.1378
.9000	-.1647	-.1242	-.1978	-.1598	-.2033	-.1954	-.1946	-.1734
.9500	-.1334	-.1125	-.1103	-.1008	-.0858	-.0886	-.2316	-.2109
							-.0813	-.0222

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	.1154	.0814	.0090	.0618	.0388	.0803		
.0500	.0821	.0803	.0729	.0339	.0154	.0517	.0200	.0025
.1000	.0461	.0170	.0233	.0023	-.0171	.0042	-.0320	-.0339
.1500	.0072	-.0138	-.0034	-.0239	-.0535	-.0168	-.0789	*******
.2250	-.0360	-.0486	-.0530	-.0641	-.0753	-.0666	-.1094	-.1000
.3000	-.0707	-.0638	*******	-.0970	-.1096	-.1074	-.1396	-.1335
.4500	-.1156	-.1220	-.1505	-.1337	-.1461	-.1604	*******	-.1944
.6000	-.1685	-.1778	-.1889	-.1849	-.2145	-.2153	-.2477	-.2510
.7500	-.2218	-.2001	-.2442	-.2232	-.2706	-.2496	-.2896	-.2670
.9000	-.2597	-.2045	-.2918	-.2561	-.3095	-.2877	-.3117	-.2398
.9500	-.0940	-.0527	-.1410	-.0965				

TABLE VI.- TEST DATA

(e) Continued

	CONFIG 6		MACH 1.20		ALPHA 4.10	

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.2447	.2676	-.2570	.2706	-.2774	.3007	-.3190	.3136
.0250	-.0568	.2304	-.2719	.2307	-.2883	.2654	-.3253	.2767
.0500	-.0302	.1940	-.2102	.2072	-.2934	.2370	-.3312	.2530
.1000	-.0390	.1494	-.0614	.1648	-.1718	.1962	-.3111	.2180
.1500	-.0584	.0987	-.0690	.1518	-.0747	.1634	-.2341	.1678
.2250	-.0794	.1025	-.0870	.1353	-.0946	.1179	-.1501	.1199
.3000	-.0867	.1276	-.1087	.1102	-.1272	.0957	-.1534	.0780
.4500	-.1166	*******	-.1436	.0369	-.1838	.0339	-.2088	.0038
.6000	-.1408	.0264	-.1835	-.0074	-.2088	-.0362	-.2382	-.0582
.7500	-.1729	-.0262	-.2170	-.0610	-.2505	-.0846	-.2755	-.0764
.9000	-.2233	-.0629	-.2467	-.0784	-.2292	-.1050	-.2423	-.1316
.9500	-.1387	-.0642	-.0810	-.0792	-.0576	-.0960	-.0648	-.1004
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.3595	.2785	-.3958	.2638	-.4475	.2761		
.0500	-.3762	.2783	-.4102	.2127	-.4704	.2436	-.5306	.2398
.1000	-.3786	.1868	-.4200	.1584	-.4881	.1868	-.5693	.1868
.1500	-.3489	.1396	-.4009	.1289	-.4857	.1622	-.5766	*******
.2250	-.2899	.0980	-.3557	.0893	-.4532	.1142	-.5581	.0890
.3000	-.2391	.0519	*******	.0511	-.4214	.0696	-.5235	.0415
.4500	-.2222	-.0182	-.3012	-.0035	-.3988	.0011	*******	-.0536
.6000	-.2647	-.0569	-.3102	-.0468	-.3767	-.0639	-.4156	-.1627
.7500	-.3151	-.0966	-.3519	-.1018	-.3900	-.1107	-.3361	-.2100
.9000	-.2315	-.1276	-.1975	-.1491	-.1800	-.1809	-.2364	-.2473
.9500	-.0858	-.1039	-.1024	-.1363				

TABLE VI.- TEST DATA

(e) Continued

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.4858	.3798	-.4730	.3795	-.4790	.3776	-.5070	.3747
.0250	-.4736	.3445	-.4842	.3588	-.4891	.3731	-.5266	.3676
.0500	-.4516	.3164	-.4994	.3486	-.4913	.3528	-.5299	.3533
.1000	-.3591	.2720	-.5122	.3167	-.5087	.3109	-.5271	.3233
.1500	-.0805	.2626	-.4880	.2911	-.5244	.2792	-.5307	.2811
.2250	-.1392	.2503	-.3648	.2489	-.5231	.2426	-.5503	.2335
.3000	-.1452	.2473	-.1120	.2131	-.4994	.2060	-.5557	.1933
.4500	-.1822	******	-.1811	.1605	-.2749	.1426	-.5386	.1225
.6000	-.1968	.1308	-.2354	.0980	-.2161	.0809	-.4752	.0539
.7500	-.2340	.0624	-.2781	.0313	-.2042	.0137	-.3450	.0112
.9000	-.2724	.0096	-.3042	-.0267	-.3246	-.0357	-.3355	-.0376
.9500	-.1558	-.0200	-.1006	-.0392	-.0794	-.0335	-.1062	-.0243

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.5271	.2520	-.5573	.3362	-.5968	.3162		
.0500	-.5453	.3547	-.5753	.3089	-.6150	.3119		
.1000	-.5600	.3018	-.5824	.2699	-.6194	.2810	-.5306	.3209
.1500	-.5573	.2500	-.5856	.2505	-.6232	.2759	-.5116	.2947
.2250	-.5700	.2210	-.5448	.2065	-.6278	.2352	-.5015	******
.3000	-.5806	.1702	******	.1577	-.6236	.1594	-.4867	.2199
.4500	-.6036	.1058	-.6232	.1206	-.6439	.1312	-.4814	.1626
.6000	-.6082	.0330	-.6423	.0725	-.5636	.0608	******	.0690
.7500	-.6044	.0122	-.6341	.0139	-.5192	-.0090	-.3953	-.0555
.9000	-.5113	-.0256	-.5119	-.0340	-.5211	-.0623	-.3659	-.1151
.9500	-.3738	-.0145	-.4506	-.0564			-.3540	-.1415

TABLE VI.- TEST DATA

(e) Continued

CONFIG 6   MACH 1.20   ALPHA 12.3°

X/C	CP UPPER SURFACE (Station 1)	CP LOWER SURFACE (Station 1)	CP UPPER SURFACE (Station 2)	CP LOWER SURFACE (Station 2)	CP UPPER SURFACE (Station 3)	CP LOWER SURFACE (Station 3)	CP UPPER SURFACE (Station 4)	CP LOWER SURFACE (Station 4)
.0125	-.6279	.4839	-.6226	.4608	-.5900	.4247	-.6085	.3950
.0250	-.6427	.4671	-.6318	.4699	-.6002	.4478	-.6275	.4184
.0500	-.6498	.4450	-.6411	.4710	-.6123	.4481	-.6261	.4266
.1000	-.6504	.4222	-.6707	.4396	-.6308	.4280	-.6318	.4080
.1500	-.6465	.3950	-.7123	.4107	-.6620	.4024	-.6403	.3837
.2250	-.1370	.3845	-.6992	.3696	-.6995	.3606	-.6750	.3407
.3000	-.1693	.3661	-.7101	.3369	-.7354	.3198	-.7049	.3044
.4500	-.2218	******	-.2060	.2711	-.7433	.2532	-.7373	.2312
.6000	-.2514	.2356	-.2658	.2020	-.5207	.1780	-.7476	.1695
.7500	-.3000.	.1540	-.3237	.1400	-.3215	.1155	-.7458	.1227
.9000	-.3256	.0996	-.3509	.0759	-.3359	.0544	-.6767	.0585
.9500	-.1750	.0701	-.1579	.0293	-.2055	.0390	-.4578	.0416

X/C	CP UPPER SURFACE (Station 5)	CP LOWER SURFACE (Station 5)	CP UPPER SURFACE (Station 6)	CP LOWER SURFACE (Station 6)	CP UPPER SURFACE (Station 7)	CP LOWER SURFACE (Station 7)	CP UPPER SURFACE (Station 8)	CP LOWER SURFACE (Station 8)
.0125								
.0250	-.6306	.3944	-.6638	.3704	-.6858	.3491		
.0500	-.6472	.3922	-.6668	.3695	-.6926	.3753	-.5542	.3589
.1000	-.6495	.3922	-.6709	.3619	-.6948	.3453	-.5392	.3614
.1500	-.6562	.3821	-.6752	.3518	-.7002	.3570	-.5239	******
.2250	-.6676	.3234	-.6265	.3259	-.7041	.3267	-.5089	.3125
.3000	-.6947	.2980	******	.2880	-.7100	.2915	-.4847	.2498
.4500	-.7196	.2266	-.7188	.2345	-.7030	.2340	******	.1663
.6000	-.7506	.1660	-.7443	.1737	-.6056	.1548	-.3941	.0460
.7500	-.7707	.1218	-.6902	.1041	-.6088	.1044	-.3533	-.0243
.9000	-.6834	.0569	-.6616	.0452	-.5713	.0089	-.3234	-.0868
.9500	-.6464	.0236	-.6388	-.0001				

TABLE VI.- TEST DATA

(e) Continued

| | CONFIG 6 | | MACH 1.20 | | ALPHA 16.52 | |

X/C	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 1		STATION 2		STATION 3		STATION 4	
.0125	-.7151	.6023	-.6996	.5414	-.6506	.4703	-.6729	.4136
.0250	-.7390	.5982	-.7200	.5679	-.6794	.5174	-.6952	.4632
.0500	-.7246	.5965	-.7289	.5847	-.6876	.5359	-.7017	.4940
.1000	-.7931	.5692	-.7586	.5610	-.7140	.5263	-.7142	.4924
.1500	-.8297	.5413	-.8075	.5351	-.7273	.5067	-.7202	.4797
.2250	-.6280	.5095	-.8377	.4893	-.7757	.4687	-.7390	.4486
.3000	-.3066	.4814	-.8687	.4590	-.8138	.4329	-.7670	.4128
.4500	-.2808	*******	-.6729	.3797	-.8643	.3654	-.8045	.3488
.6000	-.3311	.3359	-.4124	.3136	-.6816	.3001	-.8043	.2846
.7500	-.3616	.2593	-.3836	.2483	-.7004	.2323	-.7485	.2326
.9000	-.3292	.1987	-.3485	.1692	-.4589	.1477	-.7490	.1270
.9500	-.2147	.1433	-.1671	.1207	-.3058	.0995	-.6371	.0765
	STATION 5		STATION 6		STATION 7		STATION 8	
.0125								
.0250	-.7030	.4275	-.7275	.4041	-.6303	.3626		
.0500	-.7082	.4311	-.7297	.4297	-.6224	.4117	-.5250	.3779
.1000	-.7128	.4608	-.7297	.4475	-.6164	.4084	-.5097	.4041
.1500	-.7229	.4524	-.7324	.4447	-.6173	.4243	-.4904	*******
.2250	-.7379	.4311	-.6698	.4264	-.6224	.4022	-.4683	.3779
.3000	-.7405	.3994	*******	.3937	-.6129	.3732	-.4522	.3143
.4500	-.7240	.3429	-.7006	.3279	-.5756	.3170	*******	.2441
.6000	-.7216	.2752	-.6916	.2569	-.5342	.2482	-.4332	.1229
.7500	-.7134	.1996	-.6431	.1892	-.5004	.1739	-.4231	.0345
.9000	-.7406	.1153	-.6219	.1021	-.5247	.0639	-.4057	-.0552
.9500	-.7232	.0645	-.6578	.0429				

TABLE VI.- TEST DATA

(e) Continued

	CONFIG 7			MACH 1.20			ALPHA .01	
	CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE		CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1			STATION 2			STATION 3	
.0250	.1478	.1521		.1506	.1486		.1519	.1508
.0500	.1095	.1188		.1089	.1209		.1194	.1139
.1000	******	.0754		.0449	.0675		.0692	.0567
.1500	.0381	.0418		.0389	.0366		.0345	.0372
.2250	.0080	.0044		-.0030	.0014		-.0148	-.0146
.3000	-.0293	-.0203		-.0385	-.0352		-.0409	-.0360
.4500	-.0777	-.0665		-.0959	-.0791		-.1079	-.0946
.6000	-.1106	-.1128		-.1239	-.1240		-.1416	-.1444
.7500	-.1495	-.1517		-.1704	-.1762		-.1878	-.2002
.9000	-.1995	-.2034		-.2129	-.2211		-.2278	-.2402
.9500	-.2131	-.2151		-.2286	-.2320		-.2376	-.2492
.9750	-.1723	-.1765		-.2006	-.1928		-.2237	-.2219

	STATION 4			STATION 5			STATION 6	
.0250	.1475	.1269		******	.1322			
.0500	.1202	.0987		.0882	.1014		.0967	.0911
.1000	.0709	.0643		.0546	.0597		.0437	.0436
.1500	.0248	.0220		-.0079	.0134		-.0114	-.0169
.2250	-.0241	-.0154		-.0303	-.0237		-.0278	-.0354
.3000	-.0475	-.0488		-.0507	-.0627		-.0706	-.0730
.4500	-.1207	-.1057		-.1351	-.1150		-.1397	-.1295
.6000	-.1653	-.1580		-.1825	-.1783		******	-.1892
.7500	-.2115	-.2083		-.2252	-.2243		-.2377	-.2363
.9000	-.2452	-.2524		-.2619	-.2707		-.2842	-.2813
.9500	-.2493	-.2660		-.2696	-.2835		-.2883	-.2947
.9750								

	STATION 7			STATION 8			STATION 9	
.0250								
.0500	.0847	.0840		.0719	.0559			
.1000	.0372	.0366		.0271	.0175		.0052	.0000
.1500	.0077	-.0054		.0000	-.0174		-.0243	-.0338
.2250	-.0385	-.0861		-.0516	-.0665		-.0594	-.0719
.3000	-.0766	-.0790		-.0839	-.0957		-.1098	-.1169
.4500	-.1547	******		-.1623	-.1510		-.1953	-.1755
.6000	-.2064	-.1968		-.2159	-.2023		-.2377	-.2186
.7500	-.2527	-.2538		-.2780	-.2731		-.2813	-.2715
.9000	-.2924	-.2974		-.3128	-.3154		-.2960	-.2941
.9500								
.9750								

TABLE VI.- TEST DATA

(e) Continued

	CONFIG 7		MACH 1.20		ALPHA 8.65	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-.5859	.5095	-.5954	.5033	-.6006	.5060
.0500	-.5864	.4553	-.5976	.4513	-.6085	.4578
.1000	******	.3892	-.5927	.3795	-.6049	.3960
.1500	-.4608	.3375	-.5364	.3402	-.5663	.3469
.2250	-.3180	.2892	-.4839	.2930	-.5179	.2892
.3000	-.2155	.2507	-.4121	.2475	-.4847	.2385
.4500	-.2495	.1689	-.2740	.1751	-.4312	.1730
.6000	-.2740	.1190	-.2797	.1093	-.3746	.1012
.7500	-.3120	.0480	-.3262	.0348	-.3534	.0280
.9000	-.344?	-.0059	-.3594	-.0184	-.3836	-.0281
.9500	-.3221	-.0461	-.3651	-.0417	-.3863	-.0466
.9750	-.1717	-.0425	-.2631	-.0493	-.3610	-.0605

X/C	STATION 4		STATION 5		STATION 6	
.0250	-.6101	.5006	******	.4931		
.0500	-.6177	.4548	-.5883	.4557	-.6501	.4533
.1000	-.6362	.3960	-.6204	.3958	-.6710	.3950
.1500	-.6139	.3434	-.6553	.3385	-.6871	.3331
.2250	-.5633	.2908	-.6153	.2936	-.6517	.2977
.3000	-.5418	.2421	-.5886	.2451	-.6226	.2467
.4500	-.5065	.1684	-.5679	.1641	-.5930	.1598
.6000	-.4676	.0949	-.5598	.0995	******	.0933
.7500	-.4442	.0218	-.5481	.0191	-.5649	.0164
.9000	-.4293	-.0376	-.5345	-.0452	-.5274	-.0495
.9500	-.4208	-.0532	-.4754	-.0596	-.4188	-.0615
.9750						

X/C	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.6749	.4500	-.6996	.4451		
.1000	-.6991	.3941	-.7255	.3917	-.6536	.3860
.1500	-.7176	.3478	-.7282	.3470	-.6670	.3418
.2250	-.7105	.1936	-.7339	.2868	-.6838	.2865
.3000	-.6664	.2426	-.7233	.2459	-.6841	.2284
.4500	-.6283	******	-.6936	.1690	-.6392	.0736
.6000	-.6101	.0995	-.6602	.0982	-.5769	-.0297
.7500	-.5927	.0101	-.5919	-.0250	-.5268	-.1245
.9000	-.4515	-.0624	-.5282	-.1117	-.5089	-.1736
.9500						
.9750						

TABLE VI.- TEST DATA

(e) Continued

	CONFIG 7		MACH 1.20		ALPHA 12.91	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-.7257	.6336	-.7227	.6192	-.7268	.6092
.0500	-.7227	.5999	-.7385	.5853	-.7379	.5823
.1000	******	.5427	-.7605	.5311	-.7431	.5278
.1500	-.7083	.4982	-.7597	.4972	-.7567	.4801
.2250	-.6930	.4407	-.7154	.4388	-.7385	.4285
.3000	-.6353	.4028	-.6922	.3930	-.7178	.3660
.4500	-.2766	.3195	-.6726	.3100	-.6879	.3027
.6000	-.3234	.2449	-.3441	.2376	-.7026	.2200
.7500	-.3689	.1690	-.3433	.1644	-.6215	.1527
.9000	-.3817	.0971	-.3602	.0844	-.3890	.0776
.9500	-.3447	.0524	-.3264	.0624	-.3188	.0562
.9750	-.3030	.0518	-.2949	.0443	-.2878	.0353

X/C	STATION 4		STATION 5		STATION 6	
.0250	-.7227	.5896	******	.5763		
.0500	-.7349	.5682	-.6669	.5608	-.7358	.5504
.1000	-.7360	.5251	-.6800	.5207	-.7489	.5106
.1500	-.7456	.4814	-.7492	.4741	-.7563	.4697
.2250	-.7515	.4258	-.7647	.4241	-.7631	.4228
.3000	-.7349	.3838	-.7652	.3808	-.7712	.3753
.4500	-.7216	.2973	-.7489	.2962	-.7623	.2883
.6000	-.7235	.2140	-.7462	.2199	******	.2199
.7500	-.7393	.1457	-.7462	.1481	-.7105	.1443
.9000	-.7260	.0727	-.6985	.0688	-.5937	.0625
.9500	-.6854	.0518	-.6378	.0480	-.5809	.0480
.9750						

X/C	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.7288	.5381	-.6574	.5267		
.1000	-.7331	.5024	-.6893	.4915	-.6114	.4735
.1500	-.7258	.4645	-.7086	.4582	-.6100	.4394
.2250	-.7040	.3082	-.7010	.4059	-.6057	.3917
.3000	-.6972	.3710	-.6697	.3669	-.6051	.3339
.4500	-.6738	******	-.6231	.2916	-.6005	.1841
.6000	-.6430	.2171	-.5986	.2089	-.5850	.0715
.7500	-.5904	.1369	-.5765	.0933	-.5613	-.0221
.9000	-.5624	.0461	-.5452	-.0011	-.5439	-.0753
.9500						
.9750						

TABLE VI.- TEST DATA

(e) Continued

	CONFIG 7		MACH 1.20		ALPHA 17.12	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-.8052	.7503	-.7990	.7083	-.8044	.6782
.0500	-.8093	.7316	-.8284	.7018	-.6224	.6804
.1000	******	.6820	-.8430	.6546	-.8229	.6527
.1500	-.8313	.6416	-.8528	.6205	-.8311	.6083
.2250	-.8297	.5782	-.8466	.5701	-.8455	.5549
.3000	-.8180	.5329	-.8251	.5191	-.8381	.5085
.4500	-.5642	.4413	-.8199	.4288	-.8003	.4234
.6000	-.3958	.3578	-.7658	.3516	-.8221	.3396
.7500	-.4257	.2794	-.5041	.2656	-.8469	.2569
.9000	-.4358	.1905	-.4630	.1816	-.7282	.1767
.9500	-.3131	.1336	-.3128	.1474	-.5781	.1474
.9750	-.1980	.1249	-.1822	.1260	-.4401	.1130

X/C	STATION 4		STATION 5		STATION 6	
.0250	-.7908	.6506	******	.6292		
.0500	-.8112	.6535	-.7174	.6360	-.7901	.6134
.1000	-.8118	.6289	-.7392	.6131	-.8105	.5967
.1500	-.8120	.5928	-.8097	.5703	-.8127	.5730
.2250	-.8284	.5443	-.8214	.5343	-.8059	.5280
.3000	-.8439	.5015	-.8361	.4928	-.8002	.4822
.4500	-.8430	.4125	-.8505	.4116	-.8032	.4012
.6000	-.8327	.3339	-.8486	.3304	******	.3271
.7500	-.8371	.2507	-.8497	.2480	-.6951	.2445
.9000	-.8406	.1707	-.7648	.1624	-.7253	.1561
.9500	-.8050	.1450	-.6516	.1341	-.6608	.1292
.9750						

X/C	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.7324	.5924	-.7177	.5703		
.1000	-.7218	.5790	-.7215	.5643	-.6331	.5310
.1500	-.7286	.5556	-.7169	.5397	-.6303	.5073
.2250	-.7438	.3974	-.6970	.5095	-.6282	.4659
.3000	-.7346	.4754	-.6780	.4648	-.6284	.4132
.4500	-.6910	******	-.6461	.3868	-.6189	.2777
.6000	-.6616	.3208	-.6246	.2990	-.6056	.1624
.7500	-.6271	.2322	-.5922	.1842	-.5887	.0684
.9000	-.6325	.1362	-.5520	.0964	-.5645	.0136
.9500						
.9750						

TABLE VI.- TEST DATA

(e) Continued

	CONFIG P		MACH 1.20		ALPHA -.01	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	.1497	.1502	.1552	.1410	.1455	.1459
.0500	.1045	.1098	.1097	.1125	.1091	.1101
.1000	*******	.0851	.0430	.0634	.0711	.0632
.1500	.0399	.0315	.0394	.0258	.0325	.0235
.2250	.0074	-.0024	-.0062	-.0062	-.0111	-.0186
.3000	-.0310	-.0329	-.0348	-.0454	-.0432	-.0485
.4500	-.0764	-.0797	-.0957	-.0917	-.1082	-.1031
.6000	-.1096	-.1178	-.1172	-.1341	-.1411	-.1542
.7500	-.1474	-.1621	-.1683	-.1812	-.1865	-.2013
.9000	-.1982	-.2049	-.2116	-.2247	-.2216	-.2432
.9500	-.1719	-.2002	-.2102	-.2334	-.2314	-.2552
.9750	-.0473	-.1061	-.1180	-.1616	-.1912	-.2070

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 4		STATION 5		STATION 6	
.0250	.1398	.1372	*******	.1270		
.0500	.1147	.0992	.0844	.0954	.1030	.0508
.1000	.0705	.0564	.0574	.0436	.0503	.0395
.1500	.0201	.0141	.0068	.0071	-.0074	-.0193
.2250	-.0247	-.0239	-.0316	-.0327	-.0332	-.0335
.3000	-.0465	-.0590	-.0569	-.0643	-.0656	-.0747
.4500	-.1183	-.1145	-.1298	-.1235	-.1396	-.1333
.6000	-.1648	-.1668	-.1769	-.1777	*******	-.1500
.7500	-.2042	-.2163	-.2215	-.2270	-.2281	-.2396
.9000	-.2398	-.2541	-.2596	-.2654	-.2730	-.2870
.9500	-.2469	-.2653	-.2686	-.2330	-.2944	-.2308
.9750						

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
	STATION 7		STATION 8		STATION 9	
.0250						
.0500	.0838	.0785	.0754	.0483		
.1000	.0360	.0327	.0273	.0164	.0615	-.0148
.1500	.0074	-.0079	.0014	-.0188	-.0191	-.0322
.2250	-.0368	-.0826	-.0468	-.0602	-.0572	-.0689
.3000	-.0749	-.0858	-.0808	-.1006	-.1045	-.1202
.4500	-.1511	*******	-.1600	-.1510	-.1924	-.1774
.6000	-.2047	-.1979	-.2183	-.2000	-.2346	-.2191
.7500	-.2504	-.2524	-.2732	-.2720	-.2762	-.2714
.9000	-.2907	-.2976	-.3105	-.3137	-.2863	-.2905
.9500						
.9750						

TABLE VI.- TEST DATA

(e) Continued

	CONFIG 8		MACH 1.20		ALPHA 8.67	
	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-.5897	.5107	-.5897	.4991	-.6033	.5126
.0500	-.5892	.4563	-.5943	.4593	-.6071	.4622
.1000	******	.3894	-.5889	.3921	-.6101	.4024
.1500	-.4674	.3420	-.5394	.3444	-.5688	.3493
.2250	-.3289	.2865	-.4824	.2957	-.5210	.2949
.3000	-.2202	.2559	-.4289	.2553	-.4919	.2477
.4500	-.2482	.1724	-.2808	.1792	-.4280	.1857
.6000	-.2718	.1223	-.2753	.1164	-.3742	.1050
.7500	-.3120	.0587	-.3278	.0419	-.3577	.0305
.9000	-.3416	-.0039	-.3588	-.0150	-.3759	-.0221
.9500	-.1781	-.0400	-.2811	-.0379	-.3791	-.0428
.9750	-.0493	-.0275	-.1028	-.0419	-.2631	-.0487

	STATION 4		STATION 5		STATION 6	
.0250	-.6125	.5045	******	.4940		
.0500	-.6166	.4647	-.5886	.4537	-.6554	.4559
.1000	-.6340	.3937	-.6236	.3916	-.6707	.3951
.1500	-.6155	.3496	-.6584	.3347	-.6845	.3415
.2250	-.5639	.2919	-.6185	.2935	-.6530	.2973
.3000	-.5389	.2515	-.5891	.2483	-.6212	.2467
.4500	-.5104	.1787	-.5725	.1671	-.5926	.1647
.6000	-.4764	.1023	-.5644	.0947	******	.0947
.7500	-.4484	.0283	-.5546	.0187	-.5703	.0160
.9000	-.4302	-.0294	-.5328	-.0399	-.4795	-.0472
.9500	-.4117	-.0482	-.4357	-.0589	-.3912	-.0557
.9750						

	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.6807	.4515	-.6835	.4428		
.1000	-.7006	.3938	-.6908	.3905	-.6693	.3851
.1500	-.7155	.3477	-.6894	.3431	-.6807	.3423
.2250	-.7147	.1903	-.6775	.2943	-.6666	.2854
.3000	-.6658	.2453	-.6780	.2470	-.6481	.2254
.4500	-.6231	******	-.6378	.1674	-.5850	.0827
.6000	-.6100	.1001	-.5801	.1009	-.5355	-.0271
.7500	-.5657	.0179	-.5143	-.0189	-.5005	-.1186
.9000	-.4363	-.0595	-.4716	-.1093	-.4798	-.1668
.9500						
.9750						

TABLE VI.- TEST DATA

(e) Continued

	CONFIG A		MACH 1.20		ALPHA 13.01	

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-.7386	.6426	-.7326	.6247	-.7367	.6150
.0500	-.7310	.6025	-.7277	.5941	-.7435	.5857
.1000	********	.5451	-.7617	.5397	-.7497	.5405
.1500	-.7291	.4990	-.7647	.4985	-.7571	.4941
.2250	-.7057	.4499	-.7272	.4418	-.7516	.4364
.3000	-.6543	.4025	-.7011	.4028	-.7269	.3884
.4500	-.2712	.3220	-.6913	.3161	-.6891	.3069
.6000	-.3213	.2527	-.3841	.2421	-.7054	.2272
.7500	-.3588	.1724	-.3234	.1708	-.6418	.1551
.9000	-.3234	.1074	-.2949	.0944	-.3593	.0649
.9500	-.2297	.0640	-.2071	.0749	-.2473	.0714
.9750	-.1079	.0673	-.1108	.0624	-.1560	.0605
	STATION 4		STATION 5		STATION 6	
.0250	-.7301	.5958	********	.5765		
.0500	-.7440	.5762	-.6200	.5583	-.6772	.5517
.1000	-.7418	.5266	-.6372	.5152	-.6910	.5127
.1500	-.7410	.4914	-.6799	.4773	-.6717	.4713
.2250	-.7467	.4361	-.6777	.4318	-.6407	.4242
.3000	-.7342	.3901	-.6617	.3803	-.6173	.3792
.4500	-.7304	.3052	-.6173	.2993	-.5906	.2966
.6000	-.7108	.2247	-.5784	.2249	********	.2230
.7500	-.6741	.1589	-.5765	.1472	-.5506	.1470
.9000	-.5790	.0830	-.5096	.0712	-.5267	.0647
.9500	-.4357	.0621	-.4862	.0505	-.5068	.0486
.9750						
	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.5996	.5389	-.5692	.5253		
.1000	-.5955	.5051	-.5653	.4945	-.5205	.4781
.1500	-.5961	.4729	-.5629	.4599	-.5145	.4438
.2250	-.5863	.3083	-.5550	.4168	-.5153	.3858
.3000	-.5784	.3746	-.5520	.3726	-.5071	.3301
.4500	-.5675	********	-.5414	.2928	-.5006	.1858
.6000	-.5599	.2195	-.5390	.2086	-.4881	.0777
.7500	-.5479	.1393	-.5311	.0963	-.4908	-.0157
.9000	-.5194	.0483	-.5096	.0022	-.4720	-.0486
.9500						
.9750						

TABLE VI.- TEST DATA

(e) Continued

| | CONFIG 8 | | MACH 1.20 | | ALPHA 17.33 | |

	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE	CP UPPER SURFACE	CP LOWER SURFACE
X/C	STATION 1		STATION 2		STATION 3	
.0250	-.8720	.7693	-.8103	.7224	-.7502	.6945
.0500	-.8190	.7541	-.8133	.7203	-.7483	.6931
.1000	*******	.7045	-.8351	.6788	-.7415	.6598
.1500	-.8457	.6555	-.8332	.6414	-.7462	.6251
.2250	-.8427	.5978	-.8234	.5896	-.7453	.5745
.3000	-.8277	.5476	-.8122	.5400	-.7510	.5268
.4500	-.6295	.4587	-.8117	.4445	-.7252	.4425
.6000	-.4262	.3761	-.7614	.3696	-.7244	.3599
.7500	-.5555	.2969	-.5730	.2910	-.6097	.2801
.9000	-.5701	.2235	-.2592	.2132	-.5852	.2061
.9500	-.1293	.1709	-.2481	.1826	-.5045	.1812
.9750	-.0809	.1790	-.2059	.1695	-.4398	.1519

X/C	STATION 4		STATION 5		STATION 6	
.0250	-.7130	.6623	*******	.6396		
.0500	-.7220	.6677	-.6624	.6470		
.1000	-.7375	.6352	-.6799	.6232	-.6785	.6284
.1500	-.7399	.6100	-.7120	.5813	-.6771	.6129
.2250	-.7320	.5609	-.7003	.5526	-.6711	.5927
.3000	-.7078	.5221	-.6896	.5118	-.6635	.5417
.4500	-.6863	.4349	-.6646	.4281	-.6556	.5025
.6000	-.6548	.3538	-.6211	.3509	-.6355	.4180
.7500	-.5685	.2812	-.5895	.2711	*******	.3460
.9000	-.5412	.1958	-.5634	.1912	-.5683	.2667
.9500	-.5322	.1782	-.5408	.1640	-.5433	.1770
.9750					-.5337	.1563

X/C	STATION 7		STATION 8		STATION 9	
.0250						
.0500	-.6388	.6039	-.5824	.5424		
.1000	-.6401	.5946	-.5824	.5783	-.5131	.5437
.1500	-.6311	.5706	-.5748	.5510	-.5139	.5191
.2250	-.6227	.4123	-.5688	.5213	-.5068	.4763
.3000	-.6137	.4938	-.5541	.4785	-.5038	.4177
.4500	-.5972	*******	-.5416	.4000	-.4989	.2907
.6000	-.5697	.3411	-.5294	.3144	-.4927	.1814
.7500	-.5465	.2490	-.5139	.2016	-.4850	.0915
.9000	-.5242	.1601	-.5000	.1220	-.4766	.0418
.9500						
.9750						

TABLE VII.- SPANLOAD DISTRIBUTION ON THE WING: $\dfrac{c_n c}{c_{ave}}$

(a) Nominal α = -0.01

	MACH = 0.70			
	CONFIG 1	CONFIG 4	CONFIG 2	CONFIG 5
STA	α=-0.03	α=0.00	α=0.00	α=0.00
1	0.0162	0.0162	0.0092	0.0165
2	0.0127	0.0115	0.0057	0.0081
3	0.0086	0.0075	0.0062	0.0074
4	0.0086	0.0063	0.0094	0.0066
5	0.0076	0.0062	0.0118	0.0104
6	0.0071	0.0060	0.0097	0.0096
7	0.0097	0.0064	0.0114	0.0053
8	0.0053	0.0054	0.0070	0.0043

	MACH = 0.90			
	CONFIG 1	CONFIG 4	CONFIG 2	CONFIG 5
STA	α=-0.02	α=0.01	α=-0.01	α=-0.01
1	0.0155	0.0277	0.0291	0.0289
2	0.0106	0.0208	0.0090	0.0128
3	0.0078	0.0095	0.0075	0.0091
4	0.0091	0.0107	0.0105	0.0050
5	0.0093	0.0083	0.0089	0.0669
6	0.0062	0.0065	0.0072	0.0088
7	0.0082	0.0063	0.0102	0.0057
8	0.0049	0.0050	0.0066	0.0042

	MACH = 0.95			
	CONFIG 1	CONFIG 4	CONFIG 2	CONFIG 5
STA	α=-0.03	α=0.02	α=0.00	α=-0.02
1	0.0272	0.0295	0.0115	0.0267
2	0.0126	0.0221	0.0118	0.0114
3	0.0108	0.0099	0.0079	0.0135
4	0.0163	0.0220	0.0179	0.0148
5	0.0116	0.0137	0.0137	0.0085
6	0.0083	0.0072	0.0086	0.0059
7	0.0090	0.0073	0.0081	0.0050
8	0.0054	0.0057	0.0059	0.0052

	MACH = 1.03			
	CONFIG 1	CONFIG 4	CONFIG 2	CONFIG 5
STA	α=-0.02	α=0.01	α=0.01	α=0.01
1	0.0133	0.0245	0.0071	0.0299
2	0.0147	0.0146	0.0061	0.0164
3	0.0110	0.0112	0.0060	0.0167
4	0.0174	0.0102	0.0092	0.0147
5	0.0118	0.0111	0.0111	0.0130
6	0.0114	0.0073	0.0092	0.0139
7	0.0208	0.0118	0.0183	0.0197
8	0.0101	0.0292	0.0154	0.0148

	MACH = 1.20			
	CONFIG 1	CONFIG 4	CONFIG 2	CONFIG 5
STA	α=-0.03	α=0.01	α=0.01	α=-0.01
1	0.0335	0.0700	0.0385	0.0558
2	0.0212	0.0426	0.0206	0.0392
3	0.0188	0.0270	0.0154	0.0298
4	0.0151	0.0158	0.0117	0.0245
5	0.0136	0.0147	0.0085	0.0185
6	0.0145	0.0155	0.0119	0.0115
7	0.0071	0.0096	0.0095	0.0098
8	0.0047	0.0050	0.0052	0.0101

TABLE VII.- CONTINUED

(b) Nominal α = 4.24

	MACH = 0.70					MACH = 0.90					MACH = 0.95			
	CONFIG 1	CONFIG 4	CONFIG 2	CONFIG 5		CONFIG 1	CONFIG 4	CONFIG 2	CONFIG 5		CONFIG 1	CONFIG 4	CONFIG 2	CONFIG 5
STA	α=4.05	α=4.22	α=4.19	α=4.27	STA	α=4.09	α=4.32	α=4.27	α=4.28	STA	α=4.09;	α=4.33	α=4.30	α=4.29
1	0.2741	0.1601	0.0988	0.1395	1	0.2905	0.1655	0.0946	0.1519	1	0.2894	0.1803	0.1101	0.1577
2	0.2558	0.1617	0.1032	0.1376	2	0.2867	0.1714	0.1142	0.1473	2	0.2995	0.1901	0.1259	0.1525
3	0.2487	0.1625	0.1154	0.1317	3	0.2762	0.1766	0.1287	0.1413	3	0.3064	0.2027	0.1462	0.1603
4	0.2460	0.1696	0.1333	0.1410	4	0.2766	0.1861	0.1575	0.1530	4	0.2906	0.2084	0.1688	0.1664
5	0.2254	0.1637	0.1549	0.1468	5	0.2542	0.1828	0.1730	0.1665	5	0.2752	0.2069	0.1904	0.1856
6	0.2079	0.1715	0.1701	0.2037	6	0.2356	0.1908	0.1906	0.2298	6	0.2463	0.2079	0.2100	0.2302
7	0.1732	0.1612	0.1686	0.1935	7	0.2104	0.1891	0.1971	0.2226	7	0.2192	0.2012	0.2111	0.2315
8	0.1249	0.1286	0.1221	0.1562	8	0.1500	0.1560	0.1526	0.1827	8	0.1699	0.1641	0.1679	0.1829

	MACH = 1.03					MACH = 1.20			
	CONFIG 1	CONFIG 4	CONFIG 2	CONFIG 5		CONFIG 1	CONFIG 4	CONFIG 2	CONFIG 5
STA	α=4.07	α=4.34	α=4.30	α=4.33	STA	α=4.08	α=4.36	α=4.34	α=4.33
1	0.2780	0.1869	0.1032	0.1326	1	0.2517	0.1906	0.1054	0.1314
2	0.2834	0.1893	0.1131	0.1295	2	0.2589	0.1865	0.1119	0.1216
3	0.2736	0.1846	0.1235	0.1221	3	0.2446	0.1802	0.1102	0.1237
4	0.2649	0.1961	0.1478	0.1378	4	0.2445	0.1861	0.1304	0.1335
5	0.2463	0.2007	0.1891	0.1503	5	0.2323	0.1886	0.1669	0.1464
6	0.2238	0.1901	0.1921	0.2117	6	0.2100	0.1954	0.2026	0.2157
7	0.2095	0.1997	0.2053	0.2407	7	0.2070	0.2044	0.2111	0.2258
8	0.1587	0.1565	0.1433	0.1855	8	0.1476	0.1434	0.1481	0.1697

TABLE VII.- CONTINUED

(c) Nominal α = 8.48

| | MACH = 0.70 | | | | | MACH = 0.90 | | | | | MACH = 0.95 | | | |
STA	CONFIG 1 α=8.15	CONFIG 4 α=8.44	CONFIG 2 α=8.40	CONFIG 5 α=8.38	STA	CONFIG 1 α=8.21	CONFIG 4 α=8.62	CONFIG 2 α=8.55	CONFIG 5 α=8.49	STA	CONFIG 1 α=8.19	CONFIG 4 α=8.66	CONFIG 2 α=8.59	CONFIG 5 α=8.53
1	0.5796	0.3698	0.2603	0.2386	1	0.6305	0.4067	0.2885	0.2649	1	0.6193	0.4032	0.2860	0.2551
2	0.5825	0.3643	0.2750	0.2408	2	0.6497	0.3983	0.3062	0.2703	2	0.6369	0.4049	0.3037	0.2476
3	0.5944	0.3720	0.3072	0.2322	3	0.6413	0.4083	0.3514	0.2628	3	0.6584	0.4225	0.3570	0.2739
4	0.6161	0.3976	0.3677	0.2787	4	0.6928	0.4413	0.4096	0.3460	4	0.7127	0.4598	0.4139	0.3239
5	0.6036	0.4121	0.3871	0.4775	5	0.6724	0.4628	0.4379	0.5115	5	0.6805	0.4746	0.4399	0.5168·
6	0.5171	0.4299	0.4150	0.4883	6	0.5901	0.4805	0.4672	0.5518	6	0.5422	0.4889	0.4810	0.5683
7	0.3001	0.4060	0.3973	0.4578	7	0.3278	0.4542	0.4413	0.4562	7	0.3372	0.4894	0.4767	0.5064
8	0.0930	0.1473	0.1418	0.1679	8	0.1147	0.1640	0.1524	0.1691	8	0.1299	0.1639	0.1736	0.1937

| | MACH = 1.03 | | | | | MACH = 1.20 | | | |
STA	CONFIG 1 α=8.19	CONFIG 4 α=8.70	CONFIG 2 α=8.65	CONFIG 5 α=8.60	STA	CONFIG 1 α=8.19	CONFIG 4 α=8.70	CONFIG 2 α=8.68	CONFIG 5 α=8.64
1	0.5911	0.4134	0.2663	0.2093	1	0.5359	0.4157	0.2699	0.2029
2	0.5953	0.3971	0.2629	0.1934	2	0.5613	0.4066	0.2660	0.2009
3	0.6052	0.3831	0.2833	0.1962	3	0.5615	0.3981	0.2729	0.1956
4	0.6520	0.4195	0.3691	0.2032	4	0.5884	0.4185	0.3461	0.2053
5	0.6377	0.4596	0.3824	0.4383	5	0.5473	0.4366	0.3822	0.4172
6	0.4947	0.4861	0.4438	0.5301	6	0.4425	0.4497	0.4269	0.4988
7	0.4022	0.4248	0.4425	0.5555	7	0.3741	0.3732	0.3905	0.3979
8	0.1503	0.2339	0.2425	0.2701	8	0.1810	0.2220	0.2262	0.2480

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TABLE VII.- CONTINUED

(d) Nominal α = 12.72

STA	MACH = 0.70				STA	MACH = 0.90				STA	MACH = 0.95			
	CONFIG 1 α=12.27	CONFIG 4 α=12.67	CONFIG 2 α=12.63	CONFIG 5 α=12.55		CONFIG 1 α=12.35	CONFIG 4 α=12.91	CONFIG 2 α=12.83	CONFIG 5 α=12.73		CONFIG 1 α=12.33	CONFIG 4 α=12.97	CONFIG 2 α=12.89	CONFIG 5 α=12.73
1	0.9335	0.6389	0.4673	0.3551	1	0.9987	0.7233	0.5263	0.4057	1	0.9846	0.7209	0.5426	0.3974
2	0.9740	0.6347	0.5026	0.3677	2	1.0299	0.7264	0.5914	0.4748	2	1.0154	0.7202	0.5859	0.4684
3	0.9769	0.6478	0.5895	0.4618	3	1.1350	0.7318	0.6784	0.5414	3	1.0482	0.7138	0.6795	0.5553
4	1.0247	0.6939	0.6564	0.7816	4	1.0823	0.7918	0.7332	0.8077	4	1.0861	0.7664	0.7303	0.8016
5	0.8959	0.6981	0.6806	0.8469	5	0.9866	0.7924	0.7593	0.8812	5	0.9203	0.7894	0.7549	0.8697
6	0.5432	0.6540	0.6022	0.6469	6	0.6085	0.7246	0.6799	0.6590	6	0.5731	0.6953	0.6664	0.6793
7	0.2578	0.4069	0.3218	0.3259	7	0.3117	0.4429	0.3471	0.3396	7	0.3384	0.5008	0.4317	0.3760
8	0.1057	0.1280	0.1050	0.1237	8	0.1410	0.1626	0.1268	0.1437	8	0.1562	0.1510	0.1306	0.1627

STA	MACH = 1.03				STA	MACH = 1.20			
	CONFIG 1 α=12.33	CONFIG 4 α=13.07	CONFIG 2 α=13.00	CONFIG 5 α=12.86		CONFIG 1 α=12.33	CONFIG 4 α=13.06	CONFIG 2 α=13.01	CONFIG 5 α=12.88
1	0.9318	0.7088	0.4828	0.3275	1	0.8353	0.7110	0.4832	0.2868
2	0.9633	0.6695	0.5115	0.3502	2	0.8804	0.6793	0.5068	0.3033
3	0.9791	0.6598	0.5749	0.4561	3	0.8991	0.6793	0.5573	0.3852
4	1.0191	0.6879	0.6471	0.6709	4	0.9143	0.6874	0.6155	0.6240
5	0.8686	0.7352	0.6692	0.8143	5	0.7757	0.6903	0.6461	0.6975
6	0.6574	0.6728	0.6486	0.6867	6	0.6033	0.6116	0.5938	0.6415
7	0.4801	0.5109	0.4838	0.4795	7	0.4679	0.4630	0.4553	0.4812
8	0.1749	0.2244	0.2107	0.1920	8	0.2122	0.2438	0.2395	0.2362

TABLE VII.– CONTINUED

(e) Nominal α = 16.96

STA	MACH = 0.70				STA	MACH = 0.90				STA	MACH = 0.95			
	CONFIG 1 α=16.37	CONFIG 4 α=16.94	CONFIG 2 α=16.84	CONFIG 5 α=16.68		CONFIG 1 α=16.49	CONFIG 4 α=17.25	CONFIG 2 α=17.14	CONFIG 5 α=16.89		CONFIG 1 α=16.49	CONFIG 4 α=17.36	CONFIG 2 α=17.20	CONFIG 5 α=16.97
1	1.4026	0.9428	0.7370	0.6267	1	1.3477	0.1446	0.8592	0.7250	1	1.4086	1.0963	0.8873	0.7060
2	1.3516	0.9421	0.8477	0.6777	2	1.3796	1.0694	0.9731	0.8186	2	1.4185	1.0548	0.9700	0.7555
3	1.3687	0.9607	0.9619	1.0323	3	1.3524	1.0123	1.0310	1.0648	3	1.4319	1.0278	1.0378	1.0240
4	1.0600	0.9954	1.0077	1.1650	4	1.0889	1.0764	1.0243	1.1566	4	1.2539	1.0219	1.0075	1.1188
5	0.7225	0.9426	0.8513	0.9614	5	0.7495	0.9823	0.8813	0.9901	5	0.9491	0.9685	0.8598	0.9797
6	0.4577	0.6578	0.5083	0.5479	6	0.4854	0.7811	0.6085	0.5920	6	0.6067	0.7512	0.6501	0.6927
7	0.2746	0.3132	0.2427	0.2871	7	0.3051	0.3977	0.2911	0.3250	7	0.3500	0.4633	0.3946	0.3849
8	0.1322	0.1195	0.0974	0.1266	8	0.1479	0.1588	0.1232	0.1461	8	0.1519	0.1742	0.1423	0.1706

STA	MACH = 1.03				STA	MACH = 1.20			
	CONFIG 1 α=16.48	CONFIG 4 α=17.41	CONFIG 2 α=17.30	CONFIG 5 α=17.09		CONFIG 1 α=16.48	CONFIG 4 α=17.40	CONFIG 2 α=17.32	CONFIG 5 α=17.16
1	1.3219	1.0942	0.8577	0.5768	1	1.1909	0.9784	0.7563	0.4870
2	1.3386	1.0571	0.8979	0.6584	2	1.2010	0.9698	0.8233	0.5891
3	1.3371	1.0468	0.9551	0.8954	3	1.1926	0.9285	0.8499	0.7744
4	1.2253	1.0293	0.9969	1.0786	4	1.0845	0.9308	0.8788	0.8991
5	0.9837	0.9403	0.8947	0.9551	5	0.8749	0.8493	0.8044	0.8302
6	0.7028	0.7480	0.6956	0.7288	6	0.6550	0.6563	0.6477	0.6603
7	0.4507	0.4958	0.4922	0.4935	7	0.4662	0.5105	0.4788	0.4688
8	0.2030	0.2292	0.2292	0.2170	8	0.2169	0.2568	0.2510	0.2337

TABLE VIII.- SPAN LOAD DISTRIBUTION ON THE CANARD: $\dfrac{c_n c}{c_{ave}}$

(a) Nominal $\alpha = 0.01$

STA	MACH = 0.70		MACH = 0.90		MACH = 0.95		MACH = 1.03		MACH = 1.20	
	CONFIG 7 $\alpha = 0.00$	CONFIG 8 $\alpha = 0.05$	CONFIG 7 $\alpha = 0.01$	CONFIG 8 $\alpha = 0.06$	CONFIG 7 $\alpha = 0.00$	CONFIG 8 $\alpha = -0.01$	CONFIG 7 $\alpha = 0.01$	CONFIG 8 $\alpha = -0.01$	CONFIG 7 $\alpha = 0.01$	CONFIG 8 $\alpha = -0.01$
1	0.0116	0.0164	0.0132	0.0153	0.0144	0.0206	0.0137	0.0168	0.0707	0.0146
2	0.0144	0.0144	0.0126	0.0119	0.0143	0.0219	0.0174	0.0182	0.0097	0.0169
3	0.0126	0.0121	0.0128	0.0108	0.0165	0.0192	0.0148	0.0129	0.0091	0.0124
4	0.0090	0.0167	0.0115	0.0106	0.0090	0.0134	0.0121	0.0123	0.0092	0.0092
5	0.0047	0.0109	0.0089	0.0107	0.0085	0.0171	0.0197	0.0154	0.0103	0.0089
6	0.0096	0.0125	0.0105	0.0126	0.0107	0.0221	0.0057	0.0108	0.0036	0.0067
7	0.0080	0.0083	0.0065	0.0067	0.0116	0.0176	0.0103	0.0152	0.0042	0.0049
8	0.0066	0.0086	0.0046	0.0078	0.0094	0.0084	0.0059	0.0317	0.0056	0.0067
9	0.0051	0.0033	0.0044	0.0058	0.0083	0.0074	0.0035	0.0054	0.0043	0.0051

TABLE VIII.- CONTINUED

(b) Nominal α = 8.58

STA	MACH = 0.70		MACH = 0.90		MACH = 0.95		MACH = 1.03		MACH = 1.20	
	CONFIG 7	CONFIG 8	CONFIG 7	CONFIG 8	CONFIG 7	CONFIG 8	CONFIG 7	CONFIG 8	CONFIG 7	CONFIG 8
	$\alpha = 8.37$	$\alpha = 8.47$	$\alpha = 8.53$	$\alpha = 8.64$	$\alpha = 8.60$	$\alpha = 8.59$	$\alpha = 8.65$	$\alpha = 8.65$	$\alpha = 8.65$	$\alpha = 8.67$
1	0.6692	0.7120	0.7360	0.7581	0.7910	0.7861	0.7769	0.7842	0.7035	0.7012
2	0.6816	0.7208	0.7612	0.7877	0.8226	0.8249	0.8044	0.8036	0.7083	0.7088
3	0.6662	0.7074	0.7537	0.7451	0.7999	0.7939	0.7886	0.7906	0.7084	0.7110
4	0.6563	0.6970	0.7850	0.7847	0.8043	0.7715	0.8012	0.8080	0.6921	0.7005
5	0.6534	0.7153	0.7256	0.7268	0.7979	0.7554	0.7847	0.7948	0.6624	0.6615
6	0.5484	0.5217	0.5199	0.4836	0.6696	0.5679	0.6762	0.6882	0.5825	0.5801
7	0.3440	0.3353	0.3581	0.3461	0.4610	0.3941	0.5625	0.5670	0.5008	0.4985
8	0.2020	0.2028	0.2376	0.2164	0.3135	0.2656	0.3842	0.3609	0.4216	0.3930
9	0.1016	0.1083	0.1161	0.1240	0.1853	0.1378	0.2346	0.2229	0.2757	0.2665

TABLE VIII.- CONTINUED

(c) Nominal α = 12.84

STA	MACH = 0.70		MACH = 0.90		MACH = 0.95		MACH = 1.03		MACH = 1.20	
	CONFIG 7 $\alpha = 12.51$	CONFIG 8 $\alpha = 12.68$	CONFIG 7 $\alpha = 12.71$	CONFIG 8 $\alpha = 12.90$	CONFIG 7 $\alpha = 12.82$	CONFIG 8 $\alpha = 12.88$	CONFIG 7 $\alpha = 12.94$	CONFIG 8 $\alpha = 13.00$	CONFIG 7 $\alpha = 12.91$	CONFIG 8 $\alpha = 13.01$
1	1.0584	1.1581	1.1445	1.2186	1.1899	1.1871	1.2313	1.2333	1.0920	1.0783
2	1.1341	1.2299	1.2368	1.2667	1.1480	1.2073	1.2113	1.2176	1.0745	1.0702
3	1.0883	1.1722	1.0377	1.0555	1.1813	1.1708	1.2154	1.1940	1.0784	1.0813
4	0.9030	0.9538	0.8456	0.8815	1.0938	0.9253	1.2245	1.2066	1.0489	1.0107
5	0.6918	0.7376	0.6648	0.7128	0.8267	0.7357	1.0849	1.0413	0.9194	0.8049
6	0.5079	0.5473	0.5456	0.5782	0.6308	0.5625	0.9047	0.8005	0.7816	0.6851
7	0.3614	0.3963	0.4181	0.4334	0.4752	0.4459	0.7124	0.5775	0.6069	0.5506
8	0.2491	0.2770	0.2969	0.3097	0.3226	0.3308	0.4662	0.4302	0.4638	0.4230
9	0.1531	0.1717	0.1827	0.1865	0.2119	0.2019	0.2904	0.2554	0.3101	0.2763

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TABLE VIII.- CONTINUED

(d) Nominal α = 17.07

STA	MACH = 0.70		MACH = 0.90		MACH = 0.95		MACH = 1.03		MACH = 1.20	
	CONFIG 7 $\alpha = 16.64$	CONFIG 8 $\alpha = 16.91$	CONFIG 7 $\alpha = 16.90$	CONFIG 8 $\alpha = 17.21$	CONFIG 7 $\alpha = 16.99$	CONFIG 8 $\alpha = 17.22$	CONFIG 7 $\alpha = 17.07$	CONFIG 8 $\alpha = 17.30$	CONFIG 7 $\alpha = 17.12$	CONFIG 8 $\alpha = 17.33$
1	1.4547	1.6692	1.5311	1.6584	1.6239	1.6759	1.5419	1.6123	1.4151	1.4419
2	1.3433	1.5179	1.3735	1.5011	1.5653	1.5231	1.5541	1.6102	1.4171	1.4252
3	1.1255	1.2728	1.1668	1.2955	1.3248	1.3315	1.4648	1.4191	1.3854	1.2833
4	0.8934	1.0425	0.9697	1.0618	1.1135	1.1541	1.2704	1.2029	1.2649	1.1072
5	0.7029	0.8319	0.7949	0.8749	0.9285	0.9337	1.0355	1.0052	1.0793	0.9463
6	0.5462	0.6541	0.6362	0.7129	0.7504	0.7357	0.8443	0.8199	0.8903	0.7934
7	0.4131	0.4971	0.4906	0.5515	0.5872	0.5760	0.6506	0.6431	0.6898	0.6355
8	0.2941	0.3534	0.3569	0.4040	0.4383	0.4331	0.4788	0.4771	0.5210	0.4768
9	0.1825	0.2211	0.2231	0.2533	0.2818	0.2780	0.3107	0.3109	0.3523	0.3140

TABLE IX.- SECTIONAL CENTERS OF PRESSURE FOR THE WING: $\overline{X}$ (cm.)

(a) Nominal α = -0.01

STA	MACH = 0.70				STA	MACH = 0.90				STA	MACH = 0.95			
	CONFIG 1 α=-0.03	CONFIG 4 α=0.00	CONFIG 2 α=0.00	CONFIG 5 α=0.00		CONFIG 1 α=-0.02	CONFIG 4 α=0.01	CONFIG 2 α=-0.01	CONFIG 5 α=-0.01		CONFIG 1 α=-0.03	CONFIG 4 α=0.02	CONFIG 2 α=0.00	CONFIG 5 α=-0.02
1	16.87	13.71	16.70	12.22	1	14.58	15.80	18.59	15.43	1	18.67	15.57	19.66	13.91
2	19.01	18.76	20.48	15.62	2	19.92	20.03	22.30	19.54	2	21.98	20.66	23.76	16.80
3	20.84	22.98	23.99	19.24	3	22.02	22.66	24.70	22.45	3	24.15	22.65	23.60	20.81
4	23.89	24.37	26.33	24.58	4	24.69	25.96	26.21	23.86	4	27.26	27.57	27.49	26.04
5	27.82	26.69	29.49	27.93	5	26.79	27.60	28.87	27.31	5	27.84	28.52	29.63	28.26
6	31.40	31.56	31.01	31.01	6	30.99	31.75	31.06	30.98	6	31.86	31.82	32.21	31.13
7	34.43	34.14	34.57	-34.10	7	34.26	33.57	34.72	34.45	7	34.27	33.86	34.25	34.34
8	38.07	37.76	38.16	37.95	8	38.30	38.02	37.52	38.40	8	38.09	37.87	38.09	38.07

STA	MACH = 1.03				STA	MACH = 1.20			
	CONFIG 1 α=-0.02	CONFIG 4 α=0.01	CONFIG 2 α=0.01	CONFIG 5 α=0.01		CONFIG 1 α=-0.03	CONFIG 4 α=0.01	CONFIG 2 α=0.01	CONFIG 5 α=-0.01
1	14.62	11.32	16.93	11.52	1	19.54	15.80	19.86	14.91
2	21.36	17.52	22.55	16.35	2	21.82	17.01	22.12	18.08
3	26.31	22.21	27.19	20.88	3	22.76	21.81	23.60	20.09
4	29.12	27.01	28.79	25.01	4	29.02	29.20	30.84	26.67
5	31.92	32.62	32.63	31.36	5	31.34	32.10	30.22	31.47
6	34.10	33.70	35.69	34.16	6	33.55	35.37	34.39	33.36
7	36.60	36.96	37.31	38.08	7	36.52	37.30	36.46	35.25
8	39.11	38.95	39.30	40.10	8	39.71	40.26	40.14	40.95

TABLE IX.- CONTINUED

(b) Nominal α = 4.24

STA	MACH = 0.70				STA	MACH = 0.90				STA	MACH = 0.95			
	CONFIG 1 α=4.05	CONFIG 4 α=4.22	CONFIG 2 α=4.19	CONFIG 5 α=4.21		CONFIG 1 α=4.09	CONFIG 4 α=4.32	CONFIG 2 α=4.27	CONFIG 5 α=4.28		CONFIG 1 α=4.09	CONFIG 4 α=4.33	CONFIG 2 α=4.30	CONFIG 5 α=4.29
1	12.64	13.49	15.14	15.14	1	13.56	14.42	16.31	16.53	1	14.20	15.26	18.43	17.61
2	15.57	16.58	18.02	17.55	2	16.38	17.40	19.31	18.79	2	17.39	18.63	21.05	19.94
3	18.89	19.69	20.76	20.48	3	19.41	20.29	21.90	21.47	3	20.74	21.72	23.77	23.27
4	22.48	22.80	23.77	23.94	4	22.79	23.25	24.56	24.62	4	23.50	24.15	25.55	25.83
5	26.32	26.14	26.55	26.49	5	26.42	26.42	26.88	27.03	5	26.92	27.03	27.24	27.98
6	30.66	29.87	29.56	29.79	6	30.56	29.92	29.73	29.90	6	30.61	30.10	29.95	30.02
7	33.81	33.52	33.62	33.41	7	34.07	33.77	33.77	33.40	7	33.74	33.63	33.68	33.43
8	38.06	37.99	37.77	38.23	8	38.37	38.26	38.20	38.31	8	38.24	38.14	38.25	38.23

STA	MACH = 1.03				STA	MACH = 1.20			
	CONFIG 1 α=4.07	CONFIG 4 α=4.34	CONFIG 2 α=4.30	CONFIG 5 α=4.33		CONFIG 1 α=4.08	CONFIG 4 α=4.36	CONFIG 2 α=4.34	CONFIG 5 α=4.33
1	14.81	14.23	16.05	16.38	1	14.88	13.39	13.29	15.90
2	17.73	18.11	19.51	19.33	2	18.14	17.49	18.30	18.73
3	20.50	20.94	22.91	22.14	3	21.04	20.80	22.34	22.44
4	23.67	24.31	26.30	25.99	4	24.12	23.96	25.43	25.74
5	27.25	27.67	28.33	28.49	5	27.78	27.65	28.11	28.23
6	31.03	30.37	30.43	30.82	6	31.41	31.28	31.35	31.36
7	34.33	34.38	34.31	34.63	7	34.66	34.75	32.15	34.57
8	37.71	37.77	37.50	37.94	8	37.79	37.77	37.81	37.87

TABLE IX.- CONTINUED

(c) Nominal α = 8.48

STA	MACH = 0.70				STA	MACH = 0.90				STA	MACH = 0.95			
	CONFIG 1 $\alpha=8.15$	CONFIG 4 $\alpha=8.44$	CONFIG 2 $\alpha=8.40$	CONFIG 5 $\alpha=8.38$		CONFIG 1 $\alpha=8.21$	CONFIG 4 $\alpha=8.62$	CONFIG 2 $\alpha=8.55$	CONFIG 5 $\alpha=8.49$		CONFIG 1 $\alpha=8.19$	CONFIG 4 $\alpha=8.66$	CONFIG 2 $\alpha=8.59$	CONFIG 5 $\alpha=8.53$
1	12.36	13.60	15.97	16.32	1	13.69	14.95	17.49	18.73	1	14.25	15.53	18.92	20.01
2	15.29	16.64	18.63	19.43	2	16.48	17.68	19.75	21.71	2	16.92	18.42	20.98	22.80
3	18.91	19.49	21.26	22.95	3	19.53	20.28	21.91	23.75	3	20.34	21.21	23.04	25.06
4	23.43	22.69	23.44	24.39	4	24.14	23.16	23.80	24.56	4	24.78	24.01	24.52	25.94
5	28.27	26.49	26.21	26.04	5	28.64	26.90	26.46	26.53	5	29.02	27.44	27.00	27.14
6	32.54	31.05	30.65	30.56	6	32.52	31.31	30.94	30.93	6	32.22	31.64	31.20	31.31
7	35.34	35.66	35.46	35.40	7	35.43	35.80	35.55	35.28	7	35.13	35.79	35.47	35.54
8	37.42	38.15	37.86	38.15	8	37.62	38.27	37.81	38.22	8	37.58	38.21	38.16	38.25

STA	MACH = 1.03				STA	MACH = 1.20			
	CONFIG 1 $\alpha=8.19$	CONFIG 4 $\alpha=8.70$	CONFIG 2 $\alpha=8.65$	CONFIG 5 $\alpha=8.60$		CONFIG 1 $\alpha=8.19$	CONFIG 4 $\alpha=8.70$	CONFIG 2 $\alpha=8.68$	CONFIG 5 $\alpha=8.64$
1	14.46	14.77	16.79	17.00	1	14.85	14.37	15.74	14.95
2	16.92	18.07	20.33	21.59	2	17.67	17.82	20.07	19.48
3	20.25	20.95	23.50	25.91	3	20.99	20.85	23.06	24.11
4	24.75	24.08	25.32	27.72	4	25.09	24.00	24.99	27.60
5	29.20	27.94	27.46	27.89	5	29.23	28.13	27.82	28.10
6	32.25	32.30	31.35	31.27	6	32.33	32.68	32.13	32.11
7	35.45	35.60	35.59	35.62	7	34.10	32.64	35.68	35.51
8	37.75	38.38	38.31	38.39	8	38.07	38.34	38.28	38.40

TABLE IX.- CONTINUED

(d) Nominal α = 12.72

STA	MACH = 0.70				STA	MACH = 0.90				STA	MACH = 0.95			
	CONFIG 1 α=12.27	CONFIG 4 α=12.67	CONFIG 2 α=12.63	CONFIG 5 α=12.55		CONFIG 1 α=12.35	CONFIG 4 α=12.91	CONFIG 2 α=12.83	CONFIG 5 α=12.73		CONFIG 1 α=12.33	CONFIG 4 α=12.97	CONFIG 2 α=12.89	CONFIG 5 α=12.73
1	11.96	14.06	15.97	18.31	1	13.46	14.87	17.16	20.58	1	13.99	15.37	17.71	19.06
2	15.44	16.62	18.46	21.09	2	16.67	17.61	19.28	21.17	2	17.15	17.65	19.83	21.61
3	19.67	19.57	20.72	22.08	3	20.85	20.45	21.31	22.52	3	21.28	20.86	21.98	24.04
4	24.83	23.23	23.58	23.39	4	25.48	24.32	24.25	24.18	4	25.92	24.69	24.77	24.74
5	29.35	27.62	27.73	27.92	5	29.56	28.38	28.35	28.36	5	29.32	28.91	28.72	28.72
6	32.41	32.26	32.29	32.30	6	32.02	32.58	32.46	32.21	6	31.79	32.64	32.53	32.35
7	34.63	35.67	35.21	35.08	7	35.03	35.70	35.16	35.04	7	35.24	35.66	35.31	35.10
8	37.79	37.57	37.55	37.83	8	38.55	38.21	37.84	37.81	8	38.37	37.89	37.68	37.88

STA	MACH = 1.03				STA	MACH = 1.20			
	CONFIG 1 α=12.33	CONFIG 4 α=13.07	CONFIG 2 α=13.00	CONFIG 5 α=12.86		CONFIG 1 α=12.33	CONFIG 4 α=13.06	CONFIG 2 α=13.01	CONFIG 5 α=12.88
1	14.26	15.49	17.87	20.85	1	14.86	15.44	16.80	20.33
2	17.43	18.26	20.75	23.35	2	17.87	18.19	20.26	23.75
3	21.51	20.97	22.59	23.90	3	21.84	21.19	22.45	24.33
4	26.21	24.50	25.17	25.82	4	26.36	24.77	25.19	25.22
5	29.70	28.86	28.56	28.99	5	29.80	29.24	29.08	28.85
6	32.59	32.79	32.59	32.61	6	32.73	33.04	32.89	32.76
7	35.46	35.74	35.62	35.42	7	35.62	35.79	35.72	35.62
8	37.85	37.99	37.83	38.04	8	38.20	38.26	38.16	38.34

TABLE IX.- CONTINUED

(e) Nominal α = 16.96

	MACH = 0.70					MACH = 0.90					MACH = 0.95			
STA	CONFIG 1 α=16.37	CONFIG 4 α=16.97	CONFIG 2 α=16.84	CONFIG 5 α=16.68	STA	CONFIG 1 α=16.49	CONFIG 4 α=17.25	CONFIG 2 α=17.14	CONFIG 5 α=16.89	STA	CONFIG 1 α=16.49	CONFIG 4 α=17.36	CONFIG 2 α=17.20	CONFIG 5 α=16.97
1	12.15	14.03	16.07	17.68	1	13.34	14.72	16.77	18.82	1	14.40	15.17	17.01	19.36
2	16.10	16.61	18.31	19.50	2	17.18	17.54	19.22	20.23	2	17.86	17.66	19.59	21.22
3	21.16	20.00	21.20	20.64	3	21.84	21.13	22.20	21.77	3	22.42	21.28	22.67	22.23
4	25.39	24.20	25.06	24.94	4	25.36	25.24	25.83	25.64	4	26.12	25.44	26.12	25.86
5	28.92	28.71	28.99	29.11	5	28.94	29.21	29.21	29.23	5	29.10	29.36	29.26	29.39
6	31.81	32.45	32.09	32.20	6	32.11	32.70	32.06	32.17	6	31.89	32.66	32.25	32.37
7	34.77	34.72	34.54	34.85	7	34.97	35.20	34.84	34.99	7	35.20	35.35	35.02	35.14
8	38.00	37.66	37.62	38.02	8	37.91	38.17	37.66	37.95	8	38.14	37.97	37.77	37.98

	MACH = 1.03					MACH = 1.20			
STA	CONFIG 1 α=16.48	CONFIG 4 α=17.41	CONFIG 2 α=17.30	CONFIG 5 α=17.09	STA	CONFIG 1 α=16.48	CONFIG 4 α=17.40	CONFIG 2 α=17.32	CONFIG 5 α=17.16
1	14.69	15.60	17.23	21.37	1	15.07	16.01	17.25	21.72
2	18.18	17.96	19.62	22.20	2	18.45	18.36	19.83	22.21
3	22.60	21.31	22.32	22.80	3	22.78	21.67	24.23	23.07
4	26.45	25.55	25.91	25.96	4	26.54	25.61	26.04	26.02
5	29.55	29.47	29.60	29.58	5	29.62	29.65	29.67	29.64
6	32.28	32.67	32.71	32.61	6	32.53	32.93	32.90	32.75
7	35.27	35.37	35.39	35.45	7	35.46	35.63	35.64	35.43
8	38.39	38.29	38.03	38.20	8	38.50	38.34	38.28	38.40

TABLE X.- SECTIONAL CENTERS OF PRESSURE FOR THE CANARD: $\bar{x}$ (cm)

(a) Nominal α = 0.01

STA	MACH = 0.70		MACH = 0.90		MACH = 0.95		MACH = 1.03		MACH = 1.20	
	CONFIG 7 α = 0.00	CONFIG 8 α = 0.05	CONFIG 7 α = 0.01	CONFIG 8 α = 0.06	CONFIG 7 α = 0.00	CONFIG 8 α = -0.01	CONFIG 7 α = 0.01	CONFIG 8 α = -0.01	CONFIG 7 α = 0.01	CONFIG 8 α = -0.01
1	4.46	6.43	7.15	6.07	8.44	8.63	8.56	8.91	6.80	10.42
2	6.34	6.73	6.34	7.83	7.84	8.47	6.66	7.59	6.32	8.15
3	5.02	6.49	5.73	7.30	6.11	6.95	5.99	7.59	7.23	7.98
4	4.32	4.34	4.51	4.88	5.60	5.72	5.52	6.37	5.50	6.36
5	3.46	4.13	3.47	4.47	3.92	5.03	4.01	5.97	3.96	5.63
6	2.93	3.55	3.34	4.13	4.12	4.39	4.04	6.47	3.92	4.26
7	1.99	3.84	3.07	3.89	4.62	3.57	4.80	5.06	3.59	3.23
8	1.00	3.08	1.66	2.90	2.43	2.53	2.28	4.32	2.26	2.01
9	0.91	1.42	1.68	2.19	2.91	2.17	1.77	2.59	2.12	1.73

TABLE X.- CONTINUED

(b) Nominal α = 8.58

STA	MACH = 0.70		MACH = 0.90		MACH = 0.95		MACH = 1.03		MACH = 1.20	
	CONFIG 7 $\alpha = 8.37$	CONFIG 8 $\alpha = 8.47$	CONFIG 7 $\alpha = 8.53$	CONFIG 8 $\alpha = 8.64$	CONFIG 7 $\alpha = 8.60$	CONFIG 8 $\alpha = 8.59$	CONFIG 7 $\alpha = 8.65$	CONFIG 8 $\alpha = 8.65$	CONFIG 7 $\alpha = 8.65$	CONFIG 8 $\alpha = 8.67$
1	3.92	4.03	4.27	4.36	5.17	5.01	5.54	5.41	5.80	5.69
2	3.33	3.44	3.76	3.84	4.56	4.42	4.91	4.80	5.24	5.16
3	3.01	3.13	3.48	3.42	4.08	3.95	4.47	4.39	4.88	4.83
4	2.90	3.09	3.64	3.64	3.94	3.65	4.33	4.28	4.51	4.52
5	3.19	3.57	3.56	3.64	3.95	3.76	4.19	4.17	4.14	4.12
6	3.21	3.23	3.08	3.19	3.32	3.12	3.52	3.58	3.50	3.47
7	2.60	2.69	2.53	2.58	2.65	2.57	2.90	2.95	2.89	2.87
8	1.96	1.99	1.92	2.02	2.10	1.99	2.21	2.20	2.35	2.29
9	1.33	1.41	1.47	1.48	1.54	1.42	1.60	1.62	1.70	1.66

TABLE X.- CONTINUED

(c) Nominal α = 12.84

STA	MACH = 0.70		MACH = 0.90		MACH = 0.95		MACH = 1.03		MACH = 1.20	
	CONFIG 7 $\alpha = 12.51$	CONFIG 8 $\alpha = 12.68$	CONFIG 7 $\alpha = 12.71$	CONFIG 8 $\alpha = 12.90$	CONFIG 7 $\alpha = 12.82$	CONFIG 8 $\alpha = 12.88$	CONFIG 7 $\alpha = 12.94$	CONFIG 8 $\alpha = 13.00$	CONFIG 7 $\alpha = 12.91$	CONFIG 8 $\alpha = 13.01$
1	3.94	4.20	4.84	4.92	5.05	5.01	5.58	5.41	5.92	5.71
2	3.92	4.18	4.72	4.87	4.47	4.85	5.06	4.90	5.37	5.22
3	4.25	4.49	4.72	4.89	4.51	4.73	4.86	4.64	5.20	5.14
4	4.24	4.35	4.53	4.60	4.38	4.55	4.94	4.77	5.04	4.82
5	3.81	3.89	4.03	4.04	3.93	4.13	4.45	4.25	4.43	4.23
6	3.19	3.28	3.36	3.39	3.46	3.57	3.76	3.56	3.73	3.64
7	2.60	2.69	2.78	2.82	2.91	2.91	3.06	2.98	3.06	3.09
8	2.06	2.13	2.19	2.21	2.38	2.28	2.33	2.38	2.44	2.46
9	1.53	1.58	1.57	1.59	1.66	1.67	1.72	1.75	1.82	1.79

TABLE X.- CONTINUED

(d) Nominal α = 17.07

STA	MACH = 0.70		MACH = 0.90		MACH = 0.95		MACH = 1.03		MACH = 1.20	
	CONFIG 7 $\alpha = 16.64$	CONFIG 8 $\alpha = 16.91$	CONFIG 7 $\alpha = 16.90$	CONFIG 8 $\alpha = 17.21$	CONFIG 7 $\alpha = 16.99$	CONFIG 8 $\alpha = 17.22$	CONFIG 7 $\alpha = 17.07$	CONFIG 8 $\alpha = 17.30$	CONFIG 7 $\alpha = 17.12$	CONFIG 8 $\alpha = 17.33$
1	4.89	5.28	5.64	5.83	5.57	5.82	5.50	5.66	6.03	5.91
2	5.05	5.30	5.48	5.64	5.39	5.66	5.36	5.55	5.72	5.70
3	4.80	5.05	5.10	5.21	5.14	5.25	5.23	5.22	5.59	5.49
4	4.41	4.62	4.63	4.78	4.77	4.74	4.84	4.79	5.16	4.91
5	3.89	4.06	4.06	4.22	4.23	4.23	4.29	4.28	4.50	4.36
6	3.26	3.41	3.44	3.55	3.68	3.65	3.67	3.71	3.79	3.74
7	2.70	2.83	2.87	2.95	3.04	3.06	3.10	3.11	3.16	3.14
8	2.15	2.24	2.29	2.36	2.42	2.44	2.48	2.48	2.49	2.52
9	1.61	1.68	1.68	1.74	1.79	1.78	1.85	1.84	1.88	1.87

TABLE XI.- CENTER OF PRESSURE LOCATION ON WING: X, Y (cm.)

a) MACH = 0.70

CONFIG 1			CONFIG 4			CONFIG 2			CONFIG 5		
α	X	Y	α	X	Y	α	X	Y	α	X	Y
-0.03	23.89	8.73	0.00	22.65	8.15	0.00	27.56	10.88	0.00	21.60	8.34
4.05	22.68	9.51	4.22	24.29	10.52	4.19	26.27	11.64	4.21	25.96	11.33
8.15	23.22	9.23	8.44	24.79	10.33	8.40	26.25	11.02	8.38	27.47	11.69
12.27	22.52	8.51	12.67	24.11	9.55	12.63	25.22	9.91	12.55	26.81	10.65
16.37	21.46	7.64	16.94	23.20	8.73	16.84	24.27	8.85	16.68	25.27	9.37

b) MACH = 0.90

CONFIG 1			CONFIG 4			CONFIG 2			CONFIG 5		
α	X	Y	α	X	Y	α	X	Y	α	X	Y
-0.02	23.68	8.67	0.01	22.27	7.04	-0.01	24.05	7.33	-0.01	21.22	6.57
4.09	23.51	9.76	4.32	25.20	10.81	4.27	27.42	12.03	4.28	26.70	11.48
8.21	24.03	9.32	8.62	25.47	10.37	8.55	26.74	11.01	8.49	23.87	11.52
12.35	23.59	8.64	12.91	24.95	9.54	12.83	25.82	9.89	12.73	27.07	10.47
16.49	22.26	7.75	17.25	24.26	8.86	17.14	24.86	8.81	16.89	25.76	9.26

TABLE XI.- CONTINUED

c) MACH = 0.95

CONFIG 1			CONFIG 4			CONFIG 2			CONFIG 5		
α	X	Y	α	X	Y	α	X	Y	α	X	Y
-0.05	24.62	7.70	0.02	23.52	7.59	0.00	27.73	9.91	-0.02	20.75	6.99
4.09	24.24	9.90	4.33	25.72	10.75	4.30	27.97	11.90	4.29	27.31	11.40
8.19	24.39	9.34	8.66	26.16	10.48	8.59	27.62	11.17	8.53	28.91	11.77
12.33	23.87	8.65	12.97	25.25	9.59	12.89	26.34	9.96 .	12.73	27.70	10.61
16.49	23.27	8.01	17.36	22.29	8.81	17.20	25.36	8.96	16.97	26.50	9.52

d) MACH = 1.03

CONFIG 1			CONFIG 4			CONFIG 2			CONFIG 5		
α	X	Y	α	X	Y	α	X	Y	α	X	Y
-0.02	29.65	10.89	0.01	24.00	8.25	0.01	32.89	12.62	0.01	25.26	9.09
4.07	24.43	9.84	4.34	25.56	10.61	4.30	27.97	11.92	4.33	28.02	11.87
8.19	24.74	9.51	8.70	26.22	10.46	8.65	28.04	11.41	8.60	29.86	12.46
12.33	24.73	9.04	13.07	25.56	9.71	13.00	27.20	10.39	12.86	28.94	11.21
16.48	24.20	8.42	17.41	24.65	8.91	17.30	25.98	9.35	17.09	27.76	10.15

TABLE XI.- CONTINUED

e) MACH = 1.20

CONFIG 1			CONFIG 4			CONFIG 2			CONFIG 5		
α	X	Y	α	X	Y	α	X	Y	α	X	Y
-0.03	25.73	7.45	0.01	21.54	6.07	0.01	25.50	6.87	-0.01	22.23	6.93
4.08	25.06	9.97	4.36	25.50	10.54	4.34	28.00	12.02	4.33	27.89	11.75
8.19	25.21	9.59	8.70	25.88	10.21	8.68	27.89	11.22	8.64	29.37	12.21
12.33	25.26	9.19	13.06	25.54	9.55	13.01	27.19	10.33	12.88	29.29	11.49
16.48	24.61	8.55	17.40	25.24	9.11	17.32	26.47	9.54	17.16	28.12	10.36

TABLE XII.- CENTER OF PRESSURE LOCATION ON CANARD: X, Y (cm.)

a) MACH = 0.70

CONFIG 7			CONFIG 8		
α	X	Y	α	X	Y
0.00	4.22	6.00	0.05	6.04	5.37
8.37	3.81	5.42	8.47	3.98	5.35
12.51	4.46	5.03	12.68	4.68	5.00
16.64	5.20	4.55	16.91	5.48	4.58

b) MACH = 0.90

CONFIG 7			CONFIG 8		
α	X	Y	α	X	Y
0.01	5.68	5.40	0.06	6.12	5.33
8.53	4.17	5.41	8.64	4.24	5.33
12.71	5.02	5.04	12.90	5.14	4.96
16.90	5.82	4.65	17.21	5.77	4.70

c) MACH = 0.95

CONFIG 7			CONFIG 8		
α	X	Y	α	X	Y
0.00	6.93	5.91	-0.01	7.08	5.90
8.60	4.70	5.63	8.59	4.54	5.45
12.82	4.99	5.05	12.88	5.17	5.01
16.99	5.61	4.89	17.22	5.78	4.77

d) MACH = 1.03

CONFIG 7			CONFIG 8		
α	X	Y	α	X	Y
0.01	6.52	5.77	-0.01	8.00	6.09
8.65	4.99	5.81	8.65	4.96	5.77
12.94	5.39	5.47	13.00	5.25	5.32
17.07	5.56	5.16	17.30	5.66	5.06

e) MACH = 1.20

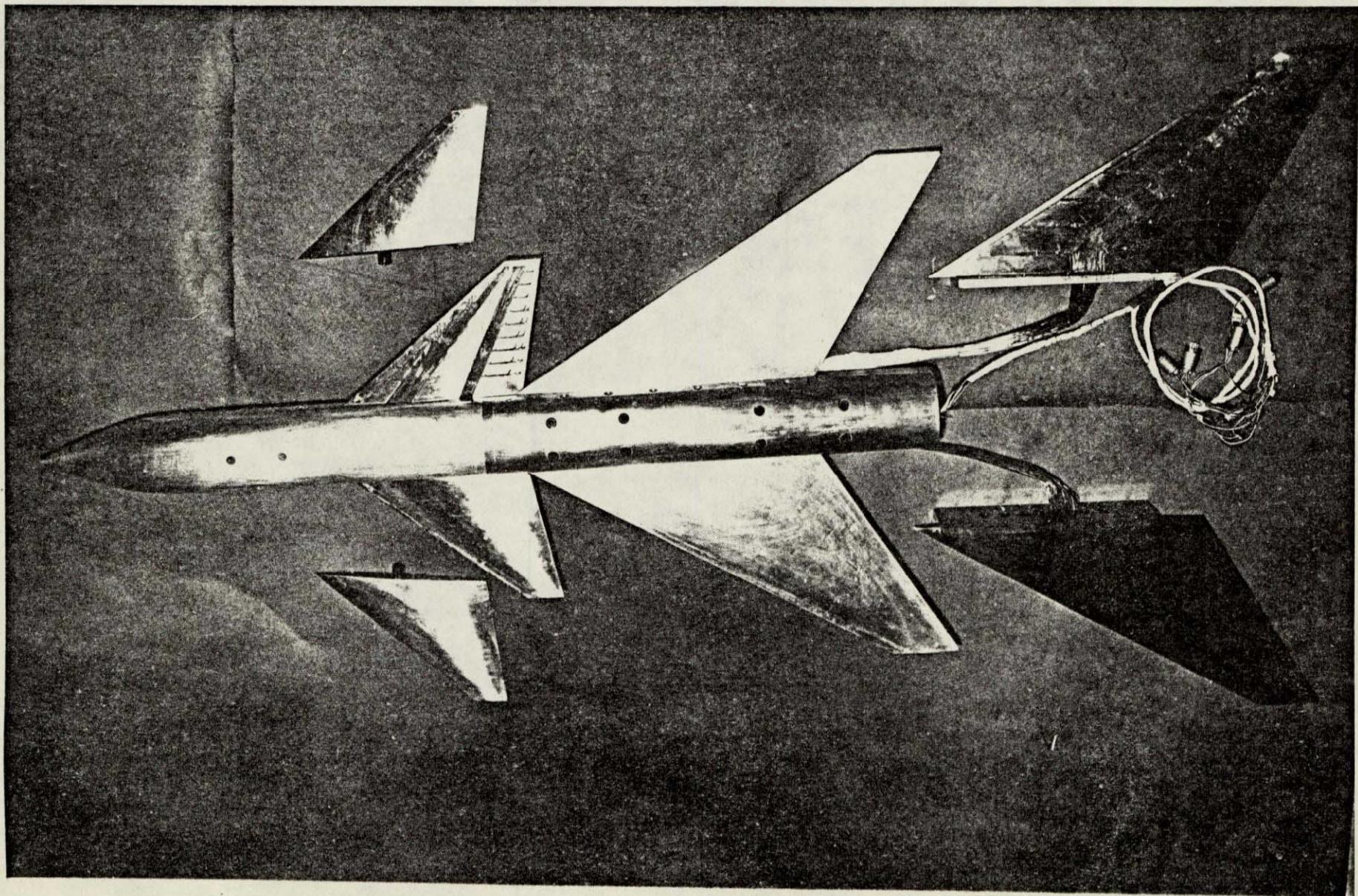| CONFIG 7			CONFIG 8		
α	X	Y	α	X	Y
0.01	5.91	6.38	-0.01	8.17	5.43
8.65	5.17	5.86	8.67	5.12	5.84
12.91	5.57	5.50	13.01	5.46	5.38
17.12	5.83	5.35	17.33	5.79	5.16

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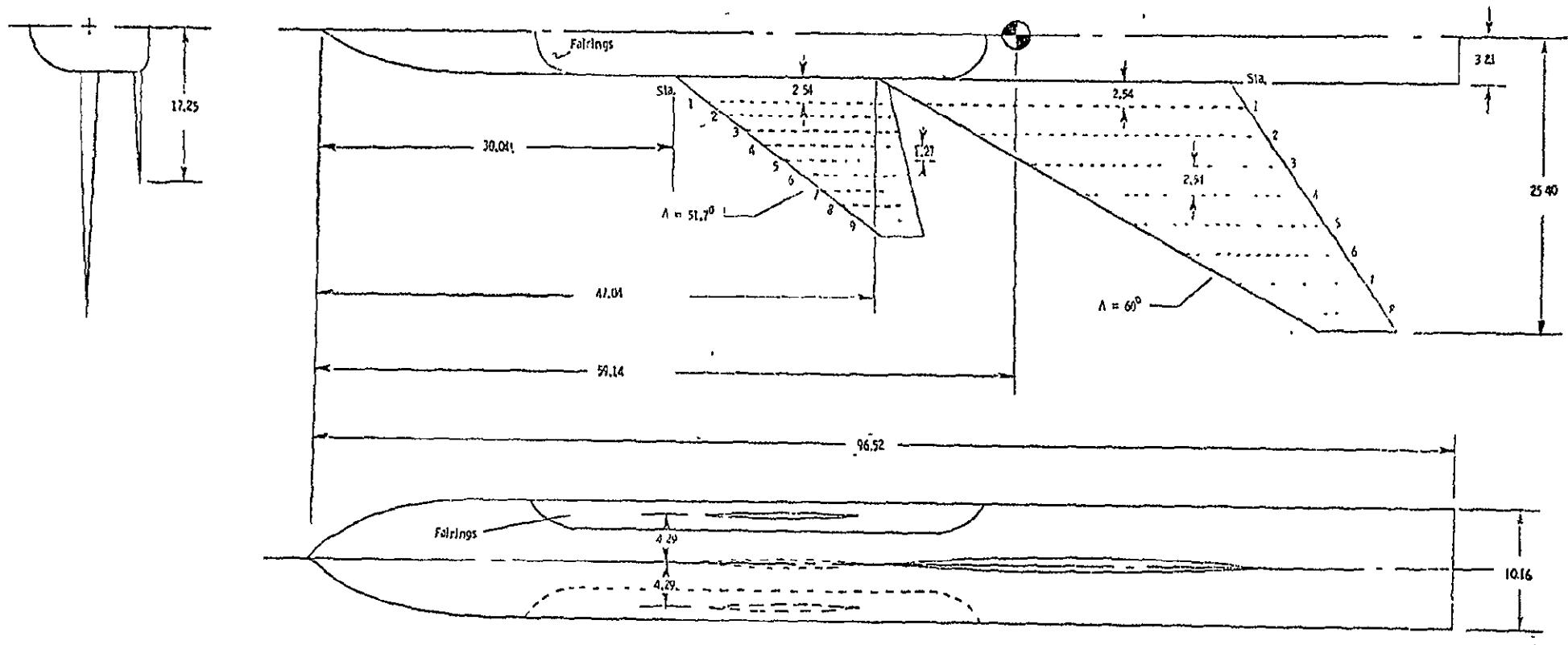
Figure 1.- Sketch of Model. All dimensions in centimeters.

Figure 2.- Photograph of Close-Coupled Wing-Canard Model