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RESEARCH MEMORANDUM

LOW-SPEED AERODYNAMIC CHARACTERISTICS OF A LARGE-SCALE 45° SWEPT-BACK WING WITH PARTIAL-SPAN SLATS, DOUBLE-SLOTTED FLAPS, AND AILERONS

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RESEARCH MEMORANDUM

LOW-SPEED AERODYNAMIC CHARACTERISTICS OF A LARGE-SCALE 45° SWEPT-BACK WING WITH PARTIAL-SPAN SLATS, DOUBLE-SLOTTED FLAPS, AND AILERONS

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SUMMARY

Experimental data from force and pressure tests on a large-scale, semispan, wing-fuselage model are presented. The wing had 45° of sweepback, an aspect ratio of 6, a taper ratio of 0.5, and an NACA 64A010 section normal to the quarter-chord line of the unswept panel and was equipped with partial-span slats, aileron, and double-slotted flaps. Longitudinal force and moment characteristics are given for the model with various combinations of slat spans. with and without double-slotted flaps. Rolling-moment data for various aileron deflections are also included.

Pressure-distribution measurements in tabulated form are included for five of the more significant configurations tested.

INTRODUCTION

Low-speed test results on two large-scale 45° swept-back wings, one with and the other without camber and twist, equipped with partial-span, double-slotted flaps were reported in reference 1. As a continuance of the program of investigating the effects of various high-lift devices, tests have been made in the Ames 40- by 80-foot wind tunnel using the plain wing equipped with partial-span slats along with the same double-slotted flaps previously used. Aileron-effectiveness data also are included for the various configurations tested. The bulk of these force and moment tests were made at a Reynolds number of 8×10^6; however, for tests of some configurations the Reynolds number was varied from 2.5 to 8×10^6.

In order to make these data available in a minimum of time after testing, no analysis of results is included.

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NOTATION

The data are presented in the form of standard NACA coefficients which are applicable to a full-span configuration except for the rolling moment. The pitching moments are referred to the quarter-chord point of the mean aerodynamic chord (fig. 1).

C_D drag coefficient $\left(\frac{\text{twice drag of semispan model}}{qS}\right)$

C_l rolling-moment coefficient $\left(\frac{\text{rolling moment due to deflection of one aileron}}{qSb}\right)$

C_L lift coefficient $\left(\frac{\text{twice lift of semispan model}}{qS}\right)$

$C_{L_{max}}$ maximum lift coefficient

$C_{L_{sep}}$ lift coefficient for which there is an abrupt increase in the rate of drag rise

C_m pitching-moment coefficient $\left(\frac{\text{twice pitching moment of semispan model}}{qS\bar{c}}\right)$

L lower surface of wing

P pressure coefficient $\left(\frac{p_l - p_o}{q}\right)$

R Reynolds number, based on $\bar{c}$

S twice area of semispan model, square feet

U upper surface of wing

b twice span of semispan model, feet

$\bar{c}$ mean aerodynamic chord $\left(\dfrac{\int_0^{b/2} c'^2 dy}{\int_0^{b/2} c' dy}\right)$, feet

c local chord measured perpendicular to quarter-chord line, feet

c' local chord measured parallel to plane of symmetry, feet

p_o free-stream static pressure, pounds per square foot

p_l local static pressure, pounds per square foot

q dynamic pressure, pounds per square foot

y spanwise coordinate normal to plane of symmetry, feet

α angle of attack of wing root chord, degrees

δ_a aileron deflection relative to wing chord, in plane normal to 0.25 chord line (positive when trailing edge is down), degrees

δ_f flap deflection relative to wing chord, in plane normal to 0.25 chord line (positive when trailing edge is down), degrees

η dimensionless lateral ordinate $\left(\dfrac{y}{b/2}\right)$

MODEL AND APPARATUS

The principal dimensions of the semispan wing-fuselage model used in this test are shown in figure 1. The test model is essentially identical to the plain-wing model described in reference 1 having an aspect ratio of 6, a taper ratio of 0.5, and an NACA 64A010 section normal to the quarter-chord line of the unswept panel as shown in figure 1. Photographs of the semispan test installation are shown in figure 2.

Details of the aileron, slats, and double-slotted flaps are given in figure 3. The coordinates for the wing section and auxiliary

high-lift devices in planes normal to the quarter-chord line are given in tables I to IV, inclusive. Only one slat setting (section S-S as shown in fig. 3) was used throughout the test. Five slat spans were tested, all with the outboard end at 97-percent semispan and extending inboard from this point approximately 17, 37, 57, 77, and 83 percent (entire exposed leading edge) of the semispan. Details of the installations are shown in figure 3. The slat spans, as discussed in this report, are referenced to the intersection of the quarter-chord line with lines extending from the slat end points as shown in figure 3. The gap between the foreflap and main flap as used for the model of reference 1 was increased slightly to insure a smaller percentage change in this gap for the various flap deflections tested. Unless otherwise noted, the main flap was deflected 55°. The aileron was sealed by means of masking tape on the lower surface at the intersection of the aileron and wing to prevent air leakage from the lower surface to the upper surface.

The orifice stations are located on the basic plan form as noted in figure 4. Stations I, III, and VI correspond to the streamwise stations as used in the previous tests on this wing (reference 2).

TESTS AND CORRECTIONS

The force and moment tests of the semispan model with the various high-lift devices were made through an angle-of-attack range to include, as near as practical, zero and maximum lift.

The tests, in general, were made at a Reynolds number of 8×10^6 (based on the wing mean aerodynamic chord of 6.21 ft) which corresponds to a dynamic pressure of about 55 pounds per square foot and a Mach number of 0.2.

The main flap of the double-slotted flap was deflected 45°, 50°, 55°, and 60° and the aileron ±10°, +15°, and ±20° as measured in planes normal to the quarter-chord line.

The following jet boundary corrections, computed from the method of reference 3 for a semispan unswept-wing installation without flaps, were added to the angle-of-attack and drag-coefficient data:

$$\alpha = 0.25\ C_L$$

$$C_D = 0.0045\ C_L^2$$

No corrections were made for the tunnel-floor boundary-layer air or for the leakage through the clearance gap (maximum of 1/2 inch) between the fuselage and the tunnel floor because these effects were found to be negligible.

The rolling-moment data for one aileron deflected, as presented, have not been corrected to correspond to that which would be obtained under an antisymmetric type of loading. A comparison of the theoretical symmetric and antisymmetric loading calculated by the methods of references 4 and 5 has shown this tunnel-wall correction to be negligible for this particular wing plan form. The pitching moments for the configurations with aileron deflected correspond to those that would be obtained on a full-span wing with the ailerons used as outboard flaps or elevons.

RESULTS

The lift, drag, and pitching-moment characteristics of the semispan wing-fuselage model (including fuselage forces) are presented in figures 5 through 24. The data, unless otherwise designated, are for a Reynolds number of 8×10^6. The results obtained with the slats extended are presented in figures 5 and 6, and with the aileron deflected, in figures 7 through 18. Data obtained for various deflections of the double-slotted flaps are shown in figures 19 and 20. Data obtained for various Reynolds numbers are included in figures 21 to 24.

Cross plots of $C_{L_{max}}$ and $C_{L_{sep}}$ versus slat span and Reynolds number are presented in figures 25 to 28. The variation of C_L for $\alpha = 0^\circ$ with flap deflection is shown in figure 29.

Pressure data are presented for the slat extended condition for slat spans from 14- and 40-percent semispan to 97-percent semispan with and without flaps deflected, and also for the clean wing (slats retracted and sealed) with flaps deflected. The pressure data for these five configurations are included after the figures of force data in tables 5 through 9.

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REFERENCES

1. James, Harry A., and Dew, Joseph K.: Effects of Double-Slotted Flaps and Leading-Edge Modifications on the Low-Speed Characteristics of a Large-Scale 45° Swept-Back Wing With and Without Camber and Twist. NACA RM A51D18, 1951.

2. Hunton, Lynn W., and Dew, Joseph K.: The Effects of Camber and Twist on the Aerodynamic Loading and Stalling Characteristics of a Large-Scale 45° Swept-Back Wing. NACA RM A50J24, 1951.

3. Glauert, H.: The Elements of Aerofoil and Airscrew Theory. The MacMillan Company, N. Y., 1943.

4. DeYoung, John: Theoretical Symmetric Span Loading Due to Flap Deflection for Wings of Arbitrary Plan Form at Subsonic Speeds. NACA TN 2278, 1951.

5. DeYoung, John: Theoretical Antisymmetric Span Loading for Wings of Arbitrary Plan Form at Subsonic Speeds. NACA TN 2140, 1950.

TABLE I.- COORDINATES OF THE AIRFOIL SECTIONS

[Stations and ordinates given in percent of airfoil chord]

NACA 64A010	
Station	Ordinate
0	0
.5	.804
.75	.969
1.25	1.225
2.5	1.688
5	2.327
7.5	2.805
10	3.199
15	3.813
20	4.272
25	4.606
30	4.837
35	4.968
40	4.995
45	4.894
50	4.684
55	4.388
60	4.021
65	3.597
70	3.127
75	2.623
80	2.103
85	1.582
90	1.062
95	.541
100	.021
L.E. radius:	0.687
T.E. radius:	0.023

TABLE II.- ORDINATES FOR 0.25-CHORD FLAP

[Stations and ordinates given from airfoil chord line in percent airfoil chord]

Plain wing		
Station	Upper ordinate	Lower ordinate
75.000	-1.000	-1.000
75.150	-.371	-1.557
75.295	-.076	-1.712
75.587	.268	-1.956
75.882	.535	-2.095
76.177	.751	-2.179
76.765	1.057	-2.289
77.352	1.272	-2.320
77.942	1.414	-2.304
78.530	1.496	-2.260
79.705	1.594	-2.136
80.882	1.637	-2.003
82.060	1.648	-1.880
83.235	1.630	-1.762
84.410	1.583	-1.641
85.000	1.550	-1.582
86.250	1.453	-1.453
90.000	1.062	-1.062
95.000	.541	-.541
100.000	.021	-.021
L.E. radius: 0.95 (center on flap chord line). T.E. radius: 0.023		

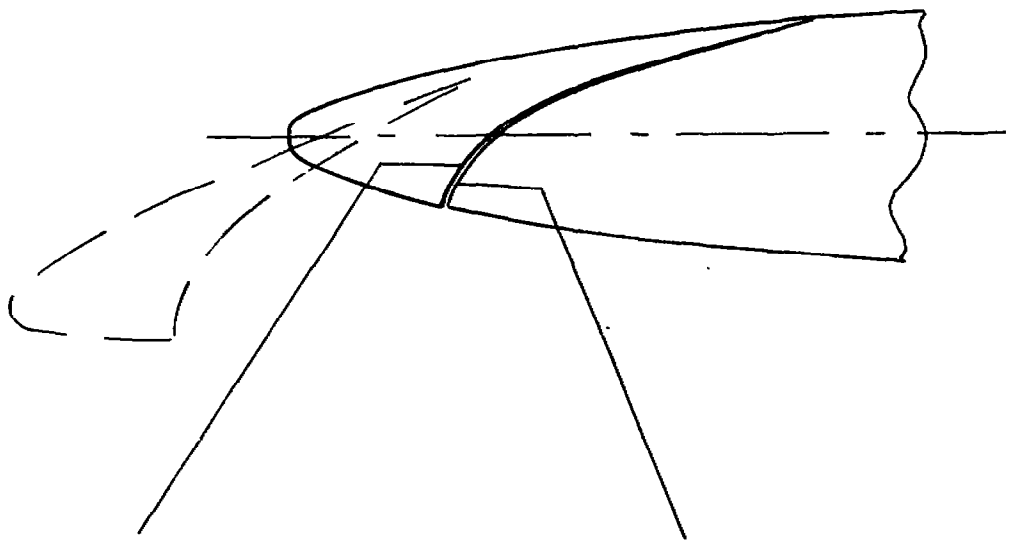
TABLE III.- ORDINATES FOR 0.075-CHORD FOREFLAP

[Stations and ordinates given from foreflap chord line in percent airfoil chord]

Station	Upper ordinate	Lower ordinate
0	0	0
.42	.95	-.93
.83	1.31	-1.14
1.25	1.52	-1.20
1.67	1.67	-1.11
2.08	1.72	-.85
2.92	1.74	-.36
3.75	1.64	-.02
4.58	1.43	.18
5.42	1.13	.27
6.25	.75	.25
7.08	.28	.11
7.50	0	0
L.E. radius: 1.20 (center on flap chord line)		

TABLE IV.- COORDINATES OF SURFACES FORMING THE SLOT WHEN SLAT IS EXTENDED

[Stations and ordinates given from airfoil chord line in percent airfoil chord]



(a) Ordinates for back of slat

Station	Ordinates
4.68	-2.26
5.00	-1.36
5.50	-.56
6.00	-.02
7.50	1.05
10.00	2.11
15.00	3.46
17.00	3.95

(b) Ordinates for front of main wing

Station	Ordinates
4.90	-2.30
5.00	-1.87
5.50	-.83
6.00	-.24
7.50	.91
10.00	2.04
15.00	3.44
17.00	3.95

TABLE V.- PRESSURE COEFFICIENTS[1] FOR THE WING WITH FLAPS DEFLECTED. $R = 8\times10^6$

WING $\alpha = -6.16$

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-0.65	-0.56	---	-0.51	-0.36	-1.14	---	-1.32
0.25	U	.28	.36	.36	---	.36	.27	---	.08
	L	-1.69	-1.41	- .97	-1.25	-1.34	-1.64	---	-1.85
0.5	U	.43	.46	.47	---	.47	.46	---	.38
	L	-1.59	-1.19	- .95	---	- .15	-1.57	---	-1.75
1.0	U	.45	---	.40	.29	.44	.50	---	.45
	L	-1.31	-1.10	- .77	---	- .93	-1.33	---	-1.57
1.5	U	.41	.40	.33	.29	.37	.45	---	.42
	L	- .99	- .87	- .68	---	- .72	- .84	---	---
2.5	U	.35	.31	.25	.27	.22	.35	---	.38
	L	- .84	- .73	- .45	- .56	- .60	- .80	---	- .72
3.5	U	.29	.26	.18	.22	.25	.42	---	.38
	L	- .72	- .55	- .40	---	- .52	- .66	---	- .44
5.0	U	.24	.21	.19	---	.19	.16	---	.26
	L	---	- .56	- .33	---	- .67	- .54	---	---
7.5	U	.17	.15	.05	.05	.12	.27	---	.20
	L	- .50	- .24	- .26	- .26	- .32	- .46	---	- .37
10.0	U	.13	.07	- .01	.03	.07	.15	---	.14
	L	- .45	---	- .24	- .25	- .29	---	---	---
15.0	W	- .05	- .04	- .06	- .06	.01	.09	---	.07
17.5	U	---	---	- .06	---	.04	.11	---	.10
20.0	W	---	- .09	- .12	---	- .03	.06	.07	.07
25.0	L	- .32	- .19	- .11	- .13	- .25	- .30	- .36	- .31
30.0	W	- .03	- .19	- .24	- .21	- .10	- .04	0	.04
	L	- .26	- .11	- .07	- .07	- .22	- .27	- .27	- .18
40.0	U	- .11	- .22	- .25	- .22	- .15	- .06	- .02	- .03
	L	- .23	- .02	.02	- .02	- .17	- .22	- .26	- .23
50.0	U	- .19	- .36	- .38	- .32	- .18	- .04	- .07	- .05
	L	- .17	.09	.12	.07	- .14	- .19	- .18	- .17
60.0	U	- .24	- .42	- .34	- .37	- .14	- .09	- .05	- .04
	L	- .06	.18	.19	.14	- .11	- .12	- .14	- .11
70.0	U	- .32	- .64	- .53	- .44	- .22	- .05	0	0
	L	0	.25	.22	---	- .16	- .08	- .07	- .05
75.0	U	---	---	- .76	---	- .25	---	- .02	.01
80.0	U	- .53	- .95	- .74	- .91	- .13	.03	0	.02
	L	.06	.22	- .19	0	- .02	.01	- .02	- .04
85.0	U	---	---	---	---	- .06	0	.03	.04
	L	---	---	---	---	- .10	.04	.01	0
90.0	U	- .78	---	---	---	- .06	.03	.04	.04
	L	- .25	---	---	---	- .10	- .01	.05	.03
95.0	U	---	---	---	---	- .16	.04	.06	.06
	L	---	---	---	---	- .10	- .04	.03	.06

WING $\alpha = -6.14$

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-0.12	0.07	---	0.24	0.22	-0.26	---	-0.40
0.25	U	.41	.43	.46	.45	.37	.48	---	.55
	L	- .98	- .53	- .23	- .28	- .51	- .24	---	---
0.5	U	.45	.37	.36	---	.40	.48	---	.44
	L	- .99	- .72	- .31	---	- .51	- .88	---	-1.04
1.0	U	.40	---	.23	.24	.28	.41	---	.40
	L	- .84	- .56	- .21	---	- .44	- .74	---	- .92
1.5	U	.34	.26	.17	---	.21	.36	---	.32
	L	- .72	- .50	- .27	---	- .40	- .63	---	---
2.5	U	.27	.17	.09	.06	.19	.28	---	.22
	L	- .59	- .45	- .24	- .28	- .34	- .52	---	- .50
3.5	U	.21	.14	.03	.04	.10	.20	---	.23
	L	- .49	- .39	- .20	---	- .29	- .42	---	- .31
5.0	U	.16	.06	- .02	- .01	.06	---	---	.16
	L	---	- .34	- .12	- .24	- .27	- .22	---	---
7.5	U	.12	.01	- .07	- .02	.01	.16	---	.11
	L	---	- .22	- .15	- .21	- .17	- .30	---	- .38
10.0	U	.07	- .04	- .12	- .09	- .04	.05	---	.06
	L	- .33	---	- .15	- .12	- .16	.06	---	---
15.0	U	0	- .12	- .13	- .15	- .09	0	---	.01
17.5	U	---	---	---	- .17	- .06	0	---	.01
20.0	U	---	- .17	- .22	---	- .10	- .03	.01	.01
	L	- .26	- .12	- .02	- .07	- .16	0	- .22	- .26
30.0	W	- .09	- .27	- .31	- .28	- .16	- .12	- .08	- .08
	L	- .21	- .07	- .01	- .03	- .16	0	- .23	- .21
40.0	U	- .18	- .36	- .35	- .33	- .20	- .11	- .03	- .02
	L	- .19	.01	.08	.02	- .13	.02	- .24	- .20
50.0	U	- .23	- .42	- .44	- .37	- .22	- .11	- .11	- .02
	L	- .14	.10	.16	.08	- .18	- .01	- .17	- .16
60.0	U	- .27	- .47	- .44	- .41	- .17	- .12	- .07	- .10
	L	- .04	.19	.23	.16	- .07	- .04	- .13	- .10
70.0	W	- .35	- .59	- .59	- .47	- .24	- .08	- .03	- .02
	L	.02	.26	.26	---	- .12	---	- .07	- .04
73.0	U	---	---	---	---	- .26	---	- .03	- .02
80.0	U	- .56	-1.00	- .77	- .26	- .15	.01	- .02	- .01
	L	.08	.23	---	- .04	- .07	---	- .03	- .04
85.0	U	---	---	---	---	- .10	- .02	.01	- .02
	L	---	---	---	---	- .10	- .05	.01	- .01
90.0	U	- .72	---	---	---	- .08	.01	.03	.03
	L	- .24	---	---	---	- .10	.01	.04	.02
95.0	W	---	---	---	---	- .18	.03	.05	.05
	L	---	---	---	---	- .10	.03	- .08	.06

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.14	-1.81	-1.86
1.0	U	---	-3.66	-2.25
	L	.40	---	.56
2.0	U	---	-3.77	-2.35
	L	.54	.56	.61
3.0	U	-3.69	-2.79	-1.73
	L	.67	---	.51
4.0	U	-2.67	-2.30	-1.49
	L	.50	.52	---
5.0	U	-2.02	-1.62	-1.41
	L	.37	.46	.39
6.0	U	- .67	-1.00	-1.32
	L	.10	.36	.23

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.20	-0.15	-0.54
75.25	U	---	---	---
	L	---	---	---
75.5	U	- .80	- .41	---
	L	.39	.24	.07
76.0	U	-1.10	- .79	-1.23
	L	.62	.46	.28
77.5	U	-1.89	-1.19	-1.38
	L	.70	---	.58
80.0	U	-1.28	-1.24	- .79
	L	.65	.54	.55
82.5	U	- .98	- .86	---
	L	.52	.48	.51
85.0	U	- .75	- .62	- .80
	L	.54	.43	.46
90.0	U	- .43	- .54	- .46
	L	.43	.29	.35
95.0	U	- .30	- .16	- .38
	L	.22	.19	.29

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.16	-1.91	-1.77
1.0	U	---	-3.75	-2.89
	L	---	.45	.34
2.0	U	---	-3.85	-2.39
	L	.64	.56	---
3.0	U	-3.69	-2.82	-1.75
	L	.56	---	.51
4.0	U	-2.56	-2.34	-1.47
	L	.50	.51	---
5.0	U	-2.01	-1.64	-1.41
	L	.36	.45	.39
6.0	U	-1.05	-1.04	-1.32
	L	.10	.35	.22

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.20	-0.18	-0.56
75.25	U	---	---	---
	L	---	- .02	.07
75.5	U	- .81	- .44	---
	L	.56	.25	.27
76.0	U	-1.10	- .82	-1.24
	L	.62	.46	.50
77.5	U	-1.84	-1.23	-1.40
	L	.69	.54	.58
80.0	U	-1.27	-1.27	- .80
	L	.65	.52	.55
82.5	U	- .97	- .86	---
	L	.50	.48	.51
85.0	U	- .74	- .63	- .62
	L	.55	.41	.48
90.0	U	- .44	- .36	- .49
	L	.44	.28	.35
95.0	U	- .29	- .19	- .38
	L	.30	.17	.29

[1]Pressure coefficients tabulated are defined as $(p_l-p_0)/q$

TABLE V.- CONTINUED

WING $\alpha = -4.01$

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		0.29	0.38	---	0.48	0.46	0.38	---	0.31
0.25	U	.45	.20	0.28	.23	.28	.41	---	.44
	L	-.34	.10	.50	.28	-.15	-.01	---	---
0.5	U	.37	.07	0	0	.08	.25	---	.34
	L	-.44	-.12	.19	---	.04	-.17	---	-.44
1.0	U	.27	---	-.14	-.05	-.04	.14	---	.23
	L	-.41	-.10	.10	---	-.01	-.23	---	-.45
1.5	U	.20	0	-.17	---	-.09	.09	---	.14
	L	-.28	-.11	.07	.02	-.04	-.19	---	---
2.5	U	.15	-.06	-.19	-.20	-.11	.02	---	.09
	L	-.36	-.14	.02	.02	-.06	-.19	---	-.28
3.5	U	.08	-.08	-.23	-.19	.15	-.02	---	.09
	L	-.30	-.14	.05	0	-.05	-.19	---	-.16
5.0	U	.04	-.12	-.24	---	-.14	-.12	---	---
	L	---	-.14	.06	-.03	-.05	-.18	---	---
7.5	U	.02	-.16	-.24	-.23	-.16	-.05	---	-.02
	L	---	-.07	.02	.04	-.06	-.14	---	-.48
10.0	U	-.03	-.20	-.28	-.24	-.18	-.11	---	-.06
	L	-.22	---	-.01	.01	-.05	0	---	-.10
15.0	U	-.08	-.24	-.27	-.28	-.22	-.13	---	-.09
17.5	U	---	---	---	-.29	-.21	-.11	---	-.07
20.0	U	---	-.26	-.34	---	-.09	-.12	-.07	-.09
	L	-.18	-.04	.04	.03	-.07	-.13	-.19	-.18
30.0	U	-.16	-.34	-.41	-.35	-.24	-.18	-.11	-.12
	L	-.15	-.01	.04	.05	-.10	-.14	-.15	-.20
40.0	U	-.22	-.42	-.44	-.42	-.28	-.16	-.04	-.15
	L	-.14	.05	.09	.08	-.08	-.13	-.19	-.17
50.0	U	-.29	-.47	-.50	-.46	-.27	-.14	-.13	-.12
	L	-.10	.13	.15	.13	-.07	-.12	-.18	-.14
60.0	U	-.33	-.52	-.46	-.46	-.20	-.13	-.09	-.13
	L	-.03	.20	.21	.18	-.05	-.07	-.09	-.09
70.0	U	-.39	-.72	-.65	-.59	-.27	-.08	-.03	-.05
	L	-.04	.27	.26	---	-.10	-.03	-.04	-.06
73.0	U	---	---	---	---	-.29	---	-.04	-.04
80.0	U	-.49	-1.03	-.80	-.96	-.18	-.03	.02	-.01
	L	.09	.23	---	-.04	-.06	.01	-.02	-.04
85.0	U	---	---	---	---	-.12	-.04	.01	0
	L	---	---	---	---	-.09	-.01	.02	-.01
90.0	U	-.52	---	---	---	-.10	.01	.02	.02
	L	-.24	---	---	---	-.10	.01	.05	.01
95.0	U	---	---	---	---	-.10	.02	.05	.02
	L	---	---	---	---	-.10	.01	-.05	.01

WING $\alpha = -1.88$

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		0.52	0.26	---	0.22	0.18	0.40	---	0.44
0.25	U	.26	-.34	-0.25	-.34	-.39	-.03	---	.26
	L	.11	.59	.46	.46	.45	.46	---	.15
0.5	U	.19	-.43	-.60	---	-.54	-.23	---	0
	L	-.01	.27	.43	---	.33	.37	---	.06
1.0	U	.03	---	-.63	-.50	-.54	-.29	---	-.11
	L	-.07	.21	.45	---	.27	.13	---	-.01
1.5	U	-.03	-.35	-.56	---	-.50	-.27	---	---
	L	-.09	.17	.29	---	.23	.10	---	---
2.5	U	-.07	-.36	-.51	-.56	-.44	-.28	---	-.22
	L	-.11	.10	.22	.22	.17	.05	---	-.08
3.5	U	-.11	-.33	-.46	-.47	-.40	-.28	---	-.14
	L	-.11	.06	.20	---	.14	.03	---	-.03
5.0	U	-.12	-.31	-.45	---	-.37	-.26	---	-.19
	L	-.08	.02	.19	---	.12	.07	---	-.03
7.5	U	-.15	-.34	-.41	-.46	-.34	-.27	---	-.18
	L	-.23	.07	.16	.15	.09	.02	---	-.04
10.0	U	-.18	-.36	-.40	-.41	-.35	-.23	---	-.21
	L	-.10	---	.11	.11	.06	0	---	-.04
15.0	U	-.19	-.38	-.38	-.41	-.34	-.26	---	-.19
17.5	U	-.07	---	---	-.41	-.27	-.24	---	-.15
20.0	U	-.05	-.34	-.44	---	-.32	-.21	-.19	-.17
	L	-.10	.04	.10	.07	.01	-.05	-.11	-.13
30.0	U	-.22	-.42	-.50	-.47	-.34	-.27	-.20	-.20
	L	-.08	.05	.08	.06	-.04	-.08	-.12	-.18
40.0	U	-.27	-.48	-.50	-.49	-.38	-.24	-.08	-.21
	L	-.10	.10	.12	.10	-.03	-.09	-.17	-.15
50.0	U	-.33	-.52	-.57	-.50	-.34	-.21	-.12	-.19
	L	-.06	.17	.17	.14	-.04	-.09	-.12	-.12
60.0	U	-.35	-.55	-.50	-.51	-.26	-.18	-.14	-.17
	L	0	.23	.22	.19	-.03	-.05	-.10	-.08
70.0	U	-.40	-.74	-.66	-.54	-.22	-.11	-.07	-.09
	L	.07	.29	.25	---	-.09	-.02	-.07	-.05
73.0	U	---	---	---	---	-.35	---	-.08	-.09
80.0	U	-.49	-1.06	-.72	-1.02	-.19	-.05	-.03	-.02
	L	.11	.25	---	-.17	-.04	.02	-.02	-.08
85.0	U	---	---	---	---	-.14	-.05	.01	0
	L	---	---	---	---	-.08	-.04	.02	---
90.0	U	-.79	---	---	---	-.11	-.02	.02	.02
	L	-.21	---	---	---	-.09	.01	.05	.03
95.0	U	---	---	---	---	-.19	.02	.05	.04
	L	---	---	---	---	-.10	.04	-.06	.06

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.20	-1.90	-1.85
1.0	U	---	-3.76	-2.86
	L	.50	.46	.58
2.0	U	---	-3.85	-2.35
	L	.64	.57	.55
3.0	U	-3.72	-2.77	-1.73
	L	.57	---	.49
4.0	U	-2.70	-2.35	-1.45
	L	.49	.52	---
5.0	U	-2.01	-1.61	-1.39
	L	.45	.47	.38
6.0	U	-1.17	-1.00	-1.51
	L	.09	.34	.21

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.23	-0.17	-0.57
75.25	U	---	---	---
	L	---	.01	.05
75.5	U	-.81	-.44	---
	L	.37	.23	.25
76.0	U	-1.12	-.82	-1.23
	L	.62	.47	.48
77.5	U	-1.85	-1.21	-1.38
	L	.69	.55	.58
80.0	U	-1.88	-1.24	-.80
	L	.65	.52	.54
82.5	U	-.97	-.86	---
	L	.59	.47	.50
85.0	U	-.72	-.62	-.62
	L	.55	.42	.47
90.0	U	-.42	-.34	-.49
	L	.45	.30	.34
95.0	U	-.26	-.17	-.38
	L	.31	.19	.09

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.22	-1.94	-1.84
1.0	U	---	-3.88	-2.87
	L	.50	.45	.58
2.0	U	---	-3.95	-2.23
	L	.64	.55	.55
3.0	U	-3.75	-2.80	-1.70
	L	.57	---	.49
4.0	U	-2.69	-2.38	-1.45
	L	.49	.50	---
5.0	U	-2.02	-1.62	-1.39
	L	.38	.45	.37
6.0	U	-1.26	-1.08	-1.50
	L	.09	.33	.23

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.24	-0.20	-0.59
75.25	U	---	---	---
	L	---	-.01	.03
75.5	U	-.83	-.47	---
	L	.37	.20	.24
76.0	U	-1.12	-.85	-1.26
	L	.61	.44	.47
77.5	U	-1.84	-1.25	-1.38
	L	.69	.55	.57
80.0	U	-1.95	-1.25	-.81
	L	.66	.51	.54
82.5	U	-.94	-.88	---
	L	.60	.46	.50
85.0	U	-.70	-.65	-.62
	L	.55	.43	.46
90.0	U	-.40	-.38	-.50
	L	.45	.28	.36
95.0	U	-.26	-.17	-.40
	L	.26	.17	.29

NACA

TABLE V.- CONTINUED

WING $\alpha = 0.16$

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		0.31	-0.36	---	-0.50	-0.78	-0.13	---	0.20
0.25	U	-.14	-1.18	-1.27	-1.32	-1.45	-.82	---	-.37
	L	.34	.40	.30	---	.39	.45	---	.44
0.5	U	-.27	-1.09	-1.42	-1.25	-1.46	-.94	---	-.59
	L	.23	.42	.44	-.29	.43	.43	---	.39
1.0	U	-.30	---	-1.30	-1.34	-1.21	-.84	---	-.55
	L	.15	.40	.45	---	.45	.36	---	.31
1.5	U	-.32	-.81	-1.09	---	-1.07	-.75	---	-.55
	L	.10	.38	.44	---	.40	.31	---	---
2.5	U	-.32	-.67	-.85	-1.04	-.78	-.63	---	-.49
	L	.04	.29	.37	.37	.34	.24	---	.18
3.5	U	-.33	-.59	-.62	-.82	-.69	-.54	---	-.37
	L	.01	.24	.35	---	.31	.20	---	.08
5.0	U	.32	-.54	-.72	---	-.62	-.49	---	-.35
	L	---	.21	.32	---	.26	.22	---	---
7.5	U	.30	-.52	-.62	-.69	-.54	-.47	---	-.32
	L	---	.17	.24	.25	.19	.11	---	.06
10.0	U	-.31	-.53	-.59	-.59	-.52	-.42	---	-.35
	L	---	---	.20	.20	.15	0	---	.01
15.0	U	.32	-.51	-.62	-.54	-.48	-.38	---	-.31
17.5	U	---	---	---	-.84	-.43	-.39	---	-.27
20.0	U	---	-.49	-.57	---	-.46	-.36	-.27	-.27
	L	-.02	.10	.12	.14	.04	0	-.03	-.04
30.0	U	-.29	-.52	-.59	-.57	-.34	-.37	-.35	-.24
	L	-.02	.09	.12	.15	0	-.05	-.06	-.13
40.0	U	-.34	-.57	-.67	-.56	-.34	-.38	-.19	-.25
	L	-.04	.12	.10	.15	-.02	-.07	-.12	-.09
50.0	U	-.39	-.59	-.62	-.57	-.38	-.29	-.21	-.22
	L	-.02	.19	.17	.16	-.04	-.06	-.08	-.08
60.0	U	-.40	-.61	-.54	-.58	-.33	-.22	-.14	-.11
	L	.04	.25	.22	.20	-.03	-.06	-.07	-.08
70.0	U	-.45	-.60	-.68	-.59	-.37	-.16	-.08	-.10
	L	.10	.29	.27	---	-.10	-.07	-.04	-.08
73.0	U	---	---	---	---	-.37	---	-.06	-.10
80.0	U	-.52	-1.09	-.82	-1.06	-.22	-.08	-.04	-.04
	L	.14	.25	---	-.07	-.04	-.03	-.02	-.03
85.0	U	---	---	---	---	-.17	-.07	0	-.02
	L	---	---	---	---	-.07	-.04	.01	0
90.0	U	-.83	---	---	---	-.14	-.03	.02	0
	L	-.19	---	---	---	-.08	0	.04	.02
95.0	U	---	---	---	---	-.21	.01	.05	.02
	L	---	---	---	---	-.09	.02	-.02	.05

WING $\alpha = 2.25$

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-0.06	-1.49	---	-1.70	-2.39	-1.40	---	-0.61
0.25	U	-.76	-2.37	-2.56	-2.66	-2.99	-2.19	---	-1.34
	L	.46	.07	-.14	-.16	.03	.17	---	.45
0.5	U	-.79	-1.98	-2.50	---	-2.68	-2.01	---	-1.38
	L	.44	.30	.42	0	.25	.38	---	.44
1.0	U	-.70	---	-2.06	-2.01	-1.91	-1.70	---	-1.21
	L	.37	.45	.45	.10	.46	.44	---	.43
1.5	U	-.65	1.24	-1.67	---	-1.60	-1.19	---	-1.07
	L	.31	.44	.45	.28	.46	.43	---	---
2.5	U	-.59	-1.11	-1.33	-1.61	-1.26	-1.04	---	-.87
	L	.24	.39	.45	.45	.44	.39	---	.30
3.5	U	-.53	-.94	-1.19	-1.23	-1.07	-.91	---	-.58
	L	.21	.34	.43	---	.41	.34	---	.18
5.0	U	-.48	-.85	-1.01	---	-.92	-.71	---	-.63
	L	---	.30	.40	---	.39	.28	---	---
7.5	U	-.41	-.77	-.85	-.92	-.77	---	---	-.52
	L	.17	.26	.37	.34	.28	.23	---	.18
10.0	U	-.42	-.73	-.78	-.79	-.71	-.61	---	-.58
	L	.22	---	.33	.29	.24	---	---	.08
15.0	U	-.41	-.69	-.67	-.70	-.73	-.52	---	-.43
17.5	U	---	---	---	-.68	-.54	-.49	---	-.35
20.0	U	---	-.60	-.72	-.68	-.55	-.44	-.41	-.32
	L	.03	.15	.23	.20	.16	.16	.04	.07
30.0	U	-.37	-.61	-.70	-.66	-.52	-.42	-.35	-.26
	L	0	.14	.19	.19	.06	.08	-.02	-.06
40.0	U	-.40	-.64	-.67	-.65	-.49	-.34	-.13	-.25
	L	0	.18	.20	.17	.06	.06	.09	-.02
50.0	U	-.45	-.65	-.60	-.62	-.45	-.29	-.27	-.22
	L	.02	.21	.23	.20	.04	.04	.07	-.01
60.0	U	-.44	-.64	-.60	-.60	-.35	-.20	-.19	-.17
	L	.06	.27	.25	.22	.03	.04	-.09	.01
70.0	U	-.48	-.63	-.73	-.60	-.36	-.14	-.11	-.08
	L	.12	.30	.25	---	-.04	-.02	.05	.03
73.0	U	---	---	---	---	-.38	---	-.11	-.07
80.0	U	-.62	-1.11	-.87	-1.04	-.24	-.10	-.06	-.04
	L	.16	.27	---	-.06	-.02	-.05	-.03	-.02
85.0	U	---	---	---	---	-.19	-.06	-.03	-.08
	L	---	---	---	---	-.06	-.03	0	.01
90.0	U	-.81	---	---	---	-.15	-.04	0	0
	L	-.16	---	---	---	-.08	-.01	.03	.03
95.0	U	---	---	---	---	-.23	0	.03	.02
	L	---	---	---	---	-.09	.03	-.11	.06

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.21	-1.95	-1.84
1.0	U	---	-3.85	-2.84
	L	.49	.45	.56
2.0	U	---	-3.91	-2.30
	L	.62	.55	.55
3.0	U	-3.71	-2.75	-1.68
	L	.56	---	.49
4.0	U	-2.67	-2.34	-1.44
	L	.49	.50	---
5.0	U	-1.99	-1.60	-1.37
	L	.38	.46	.37
6.0	U	-1.30	-1.01	-1.30
	L	.02	.35	.21

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.26	-0.20	-0.60
75.25	U	---	---	---
	L	---	---	.02
75.5	U	-.82	-.47	---
	L	.36	.19	.25
76.0	U	-1.11	-.86	-1.24
	L	.60	---	.47
77.5	U	-1.81	-1.24	-1.39
	L	.68	.51	.57
80.0	U	-1.25	-1.22	-.81
	L	.65	.50	.54
82.5	U	-.91	-.85	---
	L	.60	.46	.50
85.0	U	-.69	-.60	-.61
	L	.55	.41	.49
90.0	U	-.39	-.34	-.49
	L	.46	.29	.36
95.0	U	-.24	-.17	-.40
	L	.33	.18	.30

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.19	-1.92	-1.79
1.0	U	-4.56	-3.76	-2.74
	L	.48	.45	.48
2.0	U	---	-3.83	-2.10
	L	.62	.56	.57
3.0	U	-3.55	-2.55	-1.60
	L	.55	.55	.49
4.0	U	-2.92	-2.27	-1.39
	L	.47	.51	---
5.0	U	-1.94	-1.53	-1.32
	L	.34	.46	.37
6.0	U	-1.33	-.96	-1.25
	L	.09	.34	.21

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.26	-0.19	-0.59
75.25	U	---	---	---
	L	---	.01	.02
75.5	U	-.80	-.44	---
	L	.33	.20	.23
76.0	U	-1.09	-.83	-1.19
	L	.57	---	.46
77.5	U	-1.76	-1.20	-1.36
	L	.67	.53	.57
80.0	U	-1.21	-1.18	-.79
	L	.63	.52	.54
82.5	U	-.87	-.78	---
	L	.59	.47	.51
85.0	U	-.65	-.55	-.60
	L	.55	.43	.49
90.0	U	-.37	-.30	-.49
	L	.46	.31	.37
95.0	U	-.25	-.18	-.37
	L	.32	.20	.32

NACA

TABLE V.- CONTINUED

WING α = 4.30

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-0.71	-3.16	---	-3.44	-5.0	-3.06	---	-1.88
0.25	U	-1.51	-4.07	-4.40	-4.79	-4.30	-3.86	---	-2.56
	L	.36	.52	-.96	.98	-.63	-.36	---	---
0.5	U	-1.44	-3.18	-4.14	---	-3.5	-3.53	---	-2.33
	L	.46	0	-.19	---	-.11	.09	---	.31
1.0	U	-1.20	---	-3.03	-2.72	-2.85	-2.18	---	-2.00
	L	.48	---	.30	.01	.34	.37	---	.44
1.5	U	-1.00	-1.91	-2.39	---	-2.36	-1.87	---	-1.61
	L	.43	.45	.43	.17	.41	.43	---	---
2.5	U	-.87	-1.61	-1.83	-2.15	-1.76	-1.52	---	-1.44
	L	.38	.46	.48	.46	.46	.44	---	.38
3.5	U	-.79	-1.35	-1.51	-1.66	-1.49	-1.29	---	-.98
	L	.33	.44	.46	---	.35	.41	---	.25
5.0	U	-.69	-1.16	-1.34	---	-1.24	-.94	---	-.90
	L	---	.40	.47	---	.33	.44	---	---
7.5	U	-.67	-1.01	-1.10	-1.17	-1.03	---	---	-.73
	L	.25	.34	.40	.42	.31	.32	---	.27
10.0	U	-.56	-.94	-.92	-1.01	-.93	-.81	---	-.69
	L	.29	---	.35	.37	.22	.02	---	.11
15.0	U	-.52	-.85	-.83	-.88	-.80	-.67	---	-.56
17.5	U	---	---	---	-.84	-.70	---	---	-.49
20.0	U	---	-.71	-.82	---	-.69	-.57	-0.50	-.45
	L	.14	.22	.28	.26	.20	.15	.12	.10
30.0	U	-.44	-.69	-.77	-.76	-.62	-.51	-.41	-.38
	L	.11	.19	.23	.24	.12	.09	.04	-.01
40.0	U	-.45	-.69	-.72	-.72	-.67	-.44	-.14	-.34
	L	.07	.20	.22	.23	.08	.04	-.05	-.01
50.0	U	-.49	-.69	-.73	-.68	-.52	-.38	-.29	-.28
	L	.08	.24	.25	.23	.08	.01	-.03	-.01
60.0	U	-.47	-.68	-.63	-.65	-.40	-.28	-.20	-.23
	L	.11	.29	.27	.25	.05	.02	-.04	.01
70.0	U	-.61	-.84	-.75	-.68	-.42	-.17	-.12	-.15
	L	.15	.33	.29	---	-.02	.04	-.03	.03
73.0	U	---	---	---	---	-.42	---	-.11	-.11
80.0	U	-.65	-1.12	-.86	-1.06	-.26	-.12	-.07	-.06
	L	.18	.28	.24	-.05	-.01	.07	-.02	-.01
85.0	U	---	---	---	---	-.22	-.09	-.03	-.04
	L	---	---	---	---	-.08	-.01	.01	.02
90.0	U	-.83	---	---	---	-.17	-.04	0	-.01
	L	-.14	---	---	---	-.07	-.03	.03	.03
95.0	U	---	---	---	---	-.24	.01	.03	.02
	L	---	---	---	---	-.09	.04	-.12	.08

WING α = 6.35

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-1.87	-5.67	---	-6.94	-7.14	-5.40	---	-3.49
0.25	U	-2.55	-6.14	-7.87	---	-7.35	-5.87	---	-4.34
	L	.05	-1.36	-2.12	-2.18	-1.89	-1.14	---	---
0.5	U	-2.98	-5.94	-6.54	---	-5.87	-4.80	---	-3.44
	L	.38	.53	-.85	---	-.70	-.27	---	.03
1.0	U	-1.64	---	-4.38	-4.80	-5.87	-3.12	---	-2.76
	L	.45	.11	.03	---	-.11	.20	---	.26
1.5	U	-1.45	-2.59	-3.28	---	-3.17	-2.61	---	-2.25
	L	.46	.37	.29	.07	.27	.36	---	---
2.5	U	-1.24	-2.10	-2.44	-2.84	-2.35	-2.05	---	-1.89
	L	.44	.47	.44	.42	.42	.45	---	.43
3.5	U	-1.08	-1.75	-2.09	-2.19	-1.97	-1.89	---	-1.28
	L	.40	.49	.47	---	.46	.45	---	.35
5.0	U	-.93	-1.47	-1.74	---	-1.64	-1.18	---	-1.27
	L	---	.48	.48	---	.45	.50	---	---
7.5	U	-.77	-1.25	-1.40	-1.49	-1.32	---	---	-.94
	L	.35	.50	.44	.43	.40	.39	---	.34
10.0	U	-.71	-.92	-1.24	-1.29	-1.17	-1.01	---	-.84
	L	.36	---	.41	.48	.36	---	---	.14
15.0	U	-.65	-.99	-1.02	-1.06	-.96	-.83	---	-.67
17.5	U	---	---	---	-1.01	-.85	-.78	---	-.59
20.0	U	---	-.83	-.97	-1.01	-.82	-.69	-.62	-.54
	L	.20	.28	.33	.32	.25	.22	.17	.16
30.0	U	-.53	-.77	-.88	-.87	-.71	-.60	-.50	-.44
	L	.17	.24	.27	.29	.15	.14	.09	.03
40.0	U	-.52	-.75	-.79	-.80	-.65	-.51	-.17	.40
	L	.12	.24	.27	.25	.11	.09	-.02	.03
50.0	U	-.55	-.74	-.79	-.73	-.57	-.40	-.34	-.31
	L	.11	.27	.26	.26	.06	.06	-.02	.02
60.0	U	-.52	-.72	-.67	-.69	-.44	-.26	-.24	-.36
	L	.14	.30	.29	.27	.06	.06	-.03	.04
70.0	U	-.54	-.86	-.72	-.66	-.46	-.20	-.14	-.14
	L	.17	.33	.32	---	0	.06	-.02	.03
73.0	U	---	---	---	---	-.46	---	-.14	-.12
80.0	U	-.66	-1.12	-.87	-1.08	-.27	-.13	-.09	-.07
	L	.20	.29	---	-.05	.03	.09	-.02	.01
85.0	U	---	---	---	---	-.23	-.10	-.05	-.05
	L	---	---	---	---	-.02	0	0	.03
90.0	U	-.83	---	---	---	-.17	-.06	-.02	-.01
	L	-.12	---	---	---	-.04	.04	.02	.04
95.0	U	---	---	---	---	-.23	0	.01	.02
	L	---	---	---	---	-.07	.05	-.15	.06

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.20	-1.90	-1.77
1.0	U	---	-3.76	-2.69
	L	.48	.45	.52
2.0	U	---	-3.80	-2.14
	L	.63	.55	.55
3.0	U	-3.61	-2.60	-1.55
	L	.56	---	.49
4.0	U	-2.61	-2.19	-1.36
	L	.47	.51	---
5.0	U	-1.93	-1.50	-1.29
	L	.34	.46	.57
6.0	U	-1.34	-.94	-1.23
	L	.09	.34	.22

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.27	0.19	-0.60
75.25	U	---	---	---
	L	---	---	0
75.5	U	-.81	-.45	---
	L	.34	.19	.21
76.0	U	-1.10	-.82	-1.18
	L	.59	.43	.44
77.5	U	1.77	-1.17	-1.35
	L	.59	.52	.55
80.0	U	-1.20	-1.15	-.78
	L	.66	.51	.54
82.5	U	-.80	-.76	---
	L	.60	.47	.51
85.0	U	-.50	-.54	-.58
	L	.56	.42	.50
90.0	U	-.37	-.28	-.47
	L	.48	.31	.38
95.0	U	-.25	-.14	-.36
	L	.34	.20	.33

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.16	-1.92	-1.78
1.0	U	---	-3.78	-2.69
	L	.48	.44	.57
2.0	U	---	-3.81	-2.14
	L	.63	.55	.55
3.0	U	-3.56	-2.60	-1.55
	L	.56	.55	.49
4.0	U	-2.51	-2.22	-1.34
	L	.48	.50	---
5.0	U	-1.85	-1.48	-1.29
	L	.36	.45	.57
6.0	U	-1.34	-.94	-1.22
	L	-.56	.34	.21

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.27	-0.19	-0.61
75.25	U	---	---	---
	L	---	0	0
75.5	U	-.79	-.45	---
	L	.35	.18	.20
76.0	U	-1.07	-.82	-1.22
	L	.57	.42	.44
77.5	U	-1.71	-1.18	-1.35
	L	.67	.52	.55
80.0	U	-1.13	-1.13	-.80
	L	.55	.51	.54
82.5	U	-.80	-.74	---
	L	.61	.47	.58
85.0	U	-.54	-.52	-.56
	L	.57	.43	.50
90.0	U	-.34	-.29	-.49
	L	.48	.31	.38
95.0	U	-.23	-.14	-.36
	L	.35	.21	.35

TABLE V.- CONTINUED

WING α = 8.40

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-2.71	-6.90	---	---	-10.74	-8.66	---	-4.93
0.25	U	-3.66	-5.94	-9.07	-11.07	-10.41	-8.00	---	-4.96
	L	- .47	---	-1.65	-3.63	-2.85	-2.33	---	---
0.5	U	-3.16	---	-7.54	---	-7.40	-6.53	---	-3.93
	L	.14	-1.35	-1.48	- .04	-1.52	-1.14	---	- .45
1.0	U	-2.16	---	-5.40	-5.07	---	-5.66	---	-3.45
	L	.45	---	- .38	---	- .66	- .14	---	.06
1.5	U	-1.87	-3.40	-3.69	---	-4.00	-3.46	---	-2.96
	L	.50	.15	.06	---	.06	.18	---	---
2.5	U	-1.54	-2.70	-3.04	-3.44	-2.91	-2.64	---	-2.39
	L	.52	.38	.36	.31	.33	.38	---	.40
3.5	U	-1.32	-2.22	-2.56	-2.66	-2.44	-2.17	---	-1.70
	L	.50	.45	.44	.43	.42	.44	---	.27
5.0	U	-1.12	-1.86	-2.12	---	-2.02	-1.47	---	-1.49
	L	---	.46	.47	---	.47	.49	---	---
7.5	U	- .91	-1.55	-1.70	-1.79	-1.64	---	---	-1.18
	L	.44	.45	.47	.48	.44	.49	---	.39
10.0	U	- .82	-1.37	-1.47	-1.54	-1.41	-1.25	---	-1.03
	L	.43	---	.44	.46	.41	---	---	.18
15.0	U	- .72	-1.18	-1.16	-1.27	-1.14	- .99	---	- .81
17.5	U	---	---	---	-1.17	-1.01	- .94	---	- .71
20.0	U	- .44	- .98	-1.11	---	- .95	- .84	-0.74	- .65
	L	.36	.33	.38	.36	.31	.18	.23	.21
30.0	U	- .61	- .87	- .96	- .97	- .90	- .71	- .57	- .51
	L	.21	.29	.31	.33	.22	.13	.13	.07
40.0	U	- .59	- .82	- .86	- .88	- .70	- .57	- .18	- .44
	L	.17	.29	.30	.28	.16	.07	.03	.08
50.0	U	- .61	- .79	- .84	- .81	- .60	- .46	- .36	- .38
	L	.15	.30	.30	.29	.12	.06	.02	.04
60.0	U	- .56	- .75	- .71	- .74	- .48	- .32	- .26	- .26
	L	.18	.33	.31	.29	.08	.06	- .01	.03
70.0	U	- .58	- .88	- .79	- .68	- .47	- .22	- .16	- .15
	L	.20	.36	.33	.28	.02	.01	- .01	.04
73.0	U	---	---	---	---	- .46	---	- .15	- .13
80.0	U	- .66	-1.12	- .87	-1.07	- .29	- .15	- .10	- .06
	L	.22	.31	.27	- .04	.04	.09	- .03	.01
85.0	U	---	---	---	---	- .24	- .12	- .06	- .08
	L	---	---	---	---	0	.01	- .01	.03
90.0	U	- .84	---	---	---	- .19	- .06	- .04	- .06
	L	- .10	---	---	---	- .04	.04	.01	.04
95.0	U	---	---	---	---	- .22	- .01	- .01	.01
	L	---	---	---	---	- .07	.04	- .20	.06

WING α = 10.40

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-3.70	-11.27	-3.14	---	-1.68	-5.62	---	---
0.25	U	-3.65	-10.84	-2.93	-12.74	-1.20	-2.77	---	-2.94
	L	- .96	-3.73	---	---	---	- .97	---	---
0.5	U	-3.73	-7.40	-2.87	---	-1.87	-2.21	---	-2.21
	L	- .22	-2.26	- .95	---	- .18	- .37	---	- .14
1.0	U	-2.84	---	-2.74	-6.47	-1.26	-1.71	---	-1.70
	L	.30	---	- .10	---	.27	.14	---	.20
1.5	U	-2.40	-4.34	---	---	---	-1.63	---	-1.39
	L	.47	- .19	.20	---	.36	.29	---	---
2.5	U	-1.94	-2.99	-3.72	-4.60	-1.18	-1.48	---	-1.24
	L	.54	.24	.43	.22	.44	.40	---	.39
3.5	U	-1.64	-2.69	-2.84	-3.26	-1.18	-1.33	---	-1.17
	L	.55	.39	.49	.42	.48	.42	---	.26
5.0	U	-1.36	-2.28	-2.24	---	-1.17	-1.20	---	-1.16
	L	---	.46	.52	---	.49	.46	---	---
7.5	U	-1.09	-1.85	-2.83	-2.72	-1.14	---	---	-1.09
	L	.44	.48	.52	.53	.40	.37	---	.34
10.0	U	- .98	-1.60	-2.72	-2.18	-1.15	-1.14	---	- .95
	L	.43	---	.49	.51	.37	---	---	.15
15.0	U	- .86	-1.34	-1.90	-1.59	-1.12	- .99	---	- .80
17.5	U	---	---	---	-1.41	-1.11	- .89	---	- .77
20.0	U	- .56	-1.08	-1.30	---	-1.10	- .87	-0.79	- .72
	L	.33	.38	.41	.39	.27	.21	.20	.17
30.0	U	- .67	- .94	-1.08	-1.02	-1.06	- .79	- .63	- .60
	L	.26	.33	.35	.36	.19	.14	.11	.07
40.0	U	- .63	- .88	- .95	- .88	-1.00	- .73	- .21	- .53
	L	.22	.32	.33	.33	.14	.07	- .01	.03
50.0	U	- .65	- .85	- .91	- .79	- .94	- .66	- .44	- .45
	L	.21	.33	.32	.31	.10	.01	- .02	0
60.0	U	- .59	- .77	- .77	- .72	- .89	- .66	- .38	- .42
	L	.21	.35	.33	.31	.07	0	- .06	- .01
70.0	U	- .59	- .89	- .82	- .66	- .74	- .56	- .33	- .35
	L	.25	.37	.34	---	- .01	- .01	- .06	- .04
73.0	U	---	---	---	---	- .70	---	- .32	- .34
80.0	U	- .67	-1.12	- .89	- .94	- .56	- .47	- .26	- .32
	L	.24	.32	.28	- .06	0	.02	- .06	- .07
85.0	U	---	---	---	---	- .52	- .44	- .25	- .30
	L	---	---	---	---	- .06	- .12	- .07	- .07
90.0	U	- .81	---	---	---	- .45	- .41	- .24	- .28
	L	- .07	---	---	---	- .09	- .12	- .07	- .08
95.0	U	---	---	---	---	- .25	- .38	- .20	- .25
	L	---	---	---	---	- .17	- .16	- .27	- .10

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.14	-1.84	-1.69
1.0	U	---	-3.62	-2.56
	L	.49	.43	.57
2.0	U	---	-3.61	-2.01
	L	.64	.56	.55
3.0	U	-3.66	-2.45	-1.45
	L	.57	---	.46
4.0	U	-2.46	-2.10	-1.27
	L	.49	.52	---
5.0	U	-1.81	-1.40	-1.22
	L	.36	.47	.37
6.0	U	-1.37	- .88	-1.17
	L	.10	.35	.22

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.25	0	-0.60
75.25	U	---	-0.18	---
	L	---	---	---
75.5	U	- .78	- .41	---
	L	.33	.18	- .01
76.0	U	-1.06	- .77	-1.14
	L	.57	.42	.20
77.5	U	-1.66	-1.11	-1.28
	L	.68	.51	.25
80.0	U	-1.10	-1.06	- .78
	L	.66	.61	.54
82.5	U	- .78	- .69	---
	L	.62	.47	.39
85.0	U	- .57	- .48	- .56
	L	.58	.43	.51
90.0	U	- .34	- .27	- .47
	L	.49	.32	.39
95.0	U	- .23	- .13	- .35
	L	.36	.22	.34

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.06	-1.69	-1.65
1.0	U	---	-3.29	-2.61
	L	.49	.46	.58
2.0	U	-3.97	-3.27	-1.96
	L	.64	.58	.56
3.0	U	-3.30	-2.21	-1.40
	L	.57	---	.45
4.0	U	-2.26	-1.89	-1.24
	L	.49	.53	---
5.0	U	-1.74	-1.24	-1.19
	L	.37	.49	.36
6.0	U	-1.35	- .74	-1.17
	L	.11	.39	.21

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.26	-0.13	0.60
75.25	U	---	- .35	---
	L	---	.06	- .01
75.5	U	- .75	---	---
	L	.32	.21	.19
76.0	U	-1.02	- .67	-1.06
	L	.57	.43	.42
77.5	U	-1.62	- .99	-1.30
	L	.68	.52	.55
80.0	U	-1.06	- .97	- .77
	L	.65	.52	.54
82.5	U	- .72	- .64	---
	L	.62	.48	.53
85.0	U	- .64	- .44	- .66
	L	.58	.54	.51
90.0	U	- .32	- .25	- .45
	L	.51	.33	.38
95.0	U	- .25	- .13	- .35
	L	.37	.23	.34

NACA

TABLE V.- CONTINUED

WING α = 11.36

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-5.27	-9.15	---	-2.71	-1.41	-2.66	---	-3.53
0.25	U	-6.20	-7.27	-2.02	---	-1.08	-1.99	---	-2.13
	L	-1.26	-2.45	-1.35	-2.09	- .47	- .76	---	---
0.5	U	-5.27	-5.51	-1.95	---	-1.06	-1.75	---	-1.76
	L	- .40	- .69	- .57	---	- .15	- .27	---	- .10
1.0	U	-3.13	---	-1.94	-2.29	-1.13	-1.54	---	-1.54
	L	.23	- .56	.07	- .02	.20	.17	---	.21
1.5	U	-2.61	-4.27	-1.87	---	-1.04	---	---	-1.41
	L	.44	- .18	.31	.04	.38	.30	---	---
2.5	U	-2.10	-3.54	-1.81	-2.38	-1.00	-1.34	---	-1.31
	L	.54	.22	.48	.41	.48	.41	---	.38
3.5	U	-1.76	-3.22	-1.80	-2.39	-1.01	-1.13	---	-1.26
	L	.56	.39	.59	---	.50	.49	---	.25
5.0	U	-1.45	-2.93	-1.77	---	- .99	-1.05	---	-1.25
	L	---	.46	.54	---	.51	.46	---	---
7.5	U	-1.17	-2.39	-1.76	-2.20	- .98	-1.02	---	-1.00
	L	.49	.51	.55	.53	.45	.40	---	.50
10.0	U	-1.04	-1.92	-1.79	-2.17	- .97	-1.08	---	- .82
	L	.47	---	.50	.50	.39	---	---	.48
15.0	U	- .90	-1.49	-1.82	-2.05	- .96	- .89	---	- .69
17.5	U	---	---	---	-1.95	- .90	- .80	---	- .66
20.0	U	---	-1.15	-1.76	-1.95	- .91	- .78	-0.71	- .63
	L	.37	.41	.42	.40	.30	.24	.21	.19
30.0	U	- .71	-1.00	-1.46	-1.54	- .87	- .74	- .62	- .59
	L	.30	.35	.36	.38	.21	.18	.12	.07
40.0	U	- .67	- .93	-1.09	-1.27	- .85	- .69	- .21	- .54
	L	.25	.34	.34	.32	.15	.09	.01	.04
50.0	U	- .66	- .86	- .93	-1.06	- .86	- .64	- .46	- .48
	L	.23	.35	.33	.31	.12	.04	- .02	- .01
60.0	U	- .61	- .80	- .77	- .92	0 .83	- .59	- .41	- .45
	L	.24	.37	.34	.30	.09	.02	- .04	.01
70.0	U	- .60	- .91	- .81	- .71	- .79	- .62	- .36	- .39
	L	.26	.38	.35	---	.01	0	- .06	- .04
75.0	U	---	---	---	---	- .78	---	- .34	- .36
80.0	U	- .69	-1.12	- .87	- .74	- .67	- .55	- .31	- .36
	L	.27	.33	---	- .03	- .02	- .01	- .09	- .08
85.0	U	---	---	---	---	- .66	- .52	- .30	- .35
	L	---	---	---	---	- .07	- .13	- .09	- .09
90.0	U	- .83	---	---	---	- .61	- .48	- .29	- .33
	L	- .07	---	---	---	- .13	- .14	- .09	- .10
95.0	U	---	---	---	---	- .20	- .44	- .25	- .29
	L	---	---	---	---	- .23	- .20	- .28	- .12

WING α = 19.36

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-5.74	---	-1.63	-1.73	-1.27	-2.20	---	-3.49
0.25	U	-6.49	-3.13	-1.59	---	- .96	-1.63	---	-1.76
	L	-1.27	-2.48	-1.10	---	- .41	- .62	---	---
0.5	U	-5.15	-2.06	---	---	- .96	-1.47	---	-1.49
	L	- .47	-1.64	- .43	---	- .12	- .17	---	.08
1.0	U	-3.22	---	-1.54	-1.57	-1.02	-1.36	---	-1.37
	L	.18	- .47	.12	- .04	.26	.20	---	.22
1.5	U	-2.76	-2.98	-1.45	---	- .91	---	---	-1.31
	L	.39	.01	.32	.06	.37	.32	---	---
2.5	U	-2.20	-2.93	-1.39	-1.58	- .87	-1.15	---	-1.23
	L	.50	.39	.46	.42	.45	.41	---	.38
3.5	U	-1.83	-2.91	-1.37	-1.56	- .89	- .97	---	-1.22
	L	.54	.45	.49	---	.47	.42	---	.24
5.0	U	-1.52	-2.90	-1.33	---	- .86	- .92	---	-1.21
	L	---	.51	.51	---	.48	.46	---	---
7.5	U	-1.24	-2.89	-1.30	-1.48	- .83	- .87	---	- .94
	L	.49	.52	.50	.50	.41	.38	---	.38
10.0	U	-1.10	-2.80	-1.29	-1.46	- .85	- .92	---	- .70
	L	.47	---	.47	.48	.38	---	---	.54
15.0	U	- .95	-2.32	-1.28	-1.40	- .84	- .79	---	- .61
17.5	U	---	---	---	-1.37	- .81	- .78	---	- .59
20.0	U	- .86	-1.80	-1.29	-1.37	- .82	- .75	-0.64	- .57
	L	.37	.42	.40	.37	.28	.22	.19	.17
30.0	U	- .74	- .96	-1.26	-1.24	- .83	- .71	- .58	- .56
	L	.31	.36	.34	.35	.20	.14	.10	.07
40.0	U	- .70	- .91	-1.21	-1.15	- .83	- .67	- .22	- .54
	L	.25	.34	.32	.31	.14	.07	- .02	.02
50.0	U	- .68	- .86	-1.11	-1.06	- .84	- .64	- .47	- .49
	L	.24	.36	.31	.29	.08	.01	- .03	- .02
60.0	U	- .63	- .81	- .95	- .98	- .82	---	- .42	- .47
	L	.24	.38	.32	.28	.06	- .01	- .07	- .03
70.0	U	- .62	- .92	- .82	- .79	- .80	- .62	- .36	- .42
	L	.26	.39	.33	---	- .04	- .04	- .09	- .08
75.0	U	---	---	---	---	- .79	---	- .37	- .42
80.0	U	- .70	-1.12	- .88	- .72	- .68	- .54	- .33	- .39
	L	.27	.34	.28	.06	- .08	- .03	- .10	- .10
85.0	U	---	---	---	---	- .66	- .51	- .31	- .37
	L	---	---	---	---	- .11	- .16	- .09	- .11
90.0	U	- .64	---	---	---	- .65	- .45	- .29	- .34
	L	- .08	---	---	---	- .17	- .17	- .09	- .13
95.0	U	---	---	---	---	- .22	- .46	- .26	- .32
	L	---	---	---	---	- .27	- .22	- .28	- .16

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.04	-1.10	-1.51
1.0	U	---	-2.07	-2.46
	L	.49	.49	.56
2.0	U	-3.79	-1.99	-1.93
	L	.63	.57	.55
3.0	U	-3.93	-1.63	-1.37
	L	.58	---	.49
4.0	U	-2.29	-1.28	-1.17
	L	.50	.55	---
5.0	U	-1.58	-1.00	-1.15
	L	.38	.53	.35
6.0	U	-1.30	- .67	-1.17
	L	.13	.45	.19

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.25	0	-0.59
78.25	U	---	---	---
	L	---	---	.01
75.5	U	- .72	- .16	---
	L	.34	.30	.20
76.0	U	- .99	- .44	-1.17
	L	.58	.47	.43
77.5	U	-1.60	- .80	-1.34
	L	.69	.54	.55
80.0	U	-1.03	- .92	- .76
	L	.67	.52	.53
82.5	U	- .72	- .67	---
	L	.65	.47	.51
85.0	U	- .54	- .51	- .55
	L	.60	.43	.50
90.0	U	- .31	- .51	- .43
	L	.51	.32	.38
95.0	U	- .21	- .19	- .54
	L	.36	.20	.34

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.13	-1.02	-1.47
1.0	U	---	-1.83	-2.44
	L	.48	.47	.56
2.0	U	-3.71	-1.73	-2.04
	L	.62	.53	.55
3.0	U	-3.21	-1.19	-1.68
	L	.57	---	.48
4.0	U	-2.29	-1.15	-1.32
	L	.49	.52	---
5.0	U	-1.70	- .95	1.23
	L	.35	.48	.34
6.0	U	-1.29	- .74	-1.21
	L	.12	.40	.18

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.24	0	-0.60
78.25	U	---	---	---
	L	---	---	0
75.5	U	- .72	- .18	---
	L	.38	.29	.20
76.0	U	- .98	- .47	-1.20
	L	.56	.45	.42
77.5	U	-1.59	- .87	-1.36
	L	.66	.50	.54
80.0	U	-1.04	-1.03	- .76
	L	.65	.48	.53
82.5	U	- .74	- .77	---
	L	.62	.43	.51
85.0	U	- .55	- .64	- .58
	L	.59	.39	.49
90.0	U	- .34	- .50	- .40
	L	.51	.26	.38
95.0	U	- .23	- .38	- .37
	L	.38	.14	.33

NACA

TABLE V.- CONTINUED

WING α = 13.36

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-6.60	-3.34	-1.29	-3.97	-1.16	-1.88	---	-3.56
0.25	U	-7.53	-2.41	-1.29	-2.02	-.86	-1.58	---	-1.54
	L	-2.02	-2.02	-.89	-1.20	-.38	-.53	---	---
0.5	U	-5.47	-2.36	---	-1.49	-.86	-1.26	---	-1.34
	L	-.84	-1.24	-.32	---	-.06	-.12	---	-.04
1.0	U	-3.33	---	-1.24	-1.34	-.95	-1.31	---	-1.28
	L	.03	-.32	.16	-.03	.26	.21	---	.23
1.5	U	-3.09	-2.27	-1.19	---	-.82	---	---	-1.26
	L	.33	.11	.34	.08	.36	.32	---	---
2.5	U	-2.42	-2.26	-1.15	-1.42	-.79	-1.07	---	-1.19
	L	.51	.36	.47	.43	.44	.40	---	.36
3.5	U	-2.02	-2.23	-1.14	-1.32	-.79	-.87	---	-1.22
	L	.57	.46	.50	.46	.46	.40	---	.33
5.0	U	-1.70	-2.21	-1.12	---	-.78	-.84	---	-1.19
	L	---	.51	.51	---	.47	.44	---	---
7.5	U	-1.43	-2.23	-1.11	-1.25	-.78	-.80	---	-.88
	L	.52	.51	.49	.50	.42	.41	---	.34
10.0	U	-1.26	-2.28	-1.10	-1.23	-.77	-.83	---	-.64
	L	.52	---	.47	.48	.38	.38	---	.14
15.0	U	-1.04	-2.23	-1.10	-1.19	-.77	-.74	---	-.57
17.5	U	---	---	---	-1.17	-.76	-.65	---	-.53
20.0	U	---	-1.91	-1.11	-1.16	-.76	-.66	-0.58	-.53
	L	.42	.43	.59	.58	.26	.22	.19	.17
30.0	U	-.76	-1.15	-1.11	-1.08	-.77	-.64	-.56	-.52
	L	.35	.37	.34	.35	.19	.13	.10	.08
40.0	U	-.73	-.88	-1.09	-1.08	-.79	-.62	-.50	-.50
	L	.28	.35	.32	.30	.14	.07	-.01	.03
50.0	U	-.71	-.85	-1.07	-.99	-.80	-.60	-.46	-.47
	L	.25	.35	.31	.29	.07	0	-.04	-.01
60.0	U	-.66	-.83	-1.02	-.93	-.80	-.64	-.41	-.46
	L	.24	.37	.32	.27	.04	-.03	-.07	-.03
70.0	U	-.64	-.94	-.94	-.80	-.77	-.58	-.38	-.42
	L	.28	.38	.32	.41	-.04	-.07	-.08	-.06
73.0	U	---	---	---	---	-.75	---	-.37	-.43
80.0	U	-.73	-1.15	-.87	-.80	-.67	-.51	-.34	-.39
	L	.27	.34	.28	.06	-.06	-.04	-.11	-.11
85.0	U	---	---	---	---	-.70	-.50	-.32	-.37
	L	---	---	---	---	-.19	-.19	-.11	-.12
90.0	U	-.86	---	---	---	-.73	-.49	-.30	-.36
	L	-.08	---	---	---	-.17	-.19	-.11	-.13
95.0	U	---	---	---	---	-.83	-.49	-.28	-.32
	L	---	---	---	---	-.28	-.26	-.29	-.18

WING α = 14.35

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-7.94	-2.60	---	-1.80	-1.07	-1.32	---	-1.61
0.25	U	-5.87	-1.93	-1.15	-1.34	-.83	-.97	---	-1.18
	L	-2.31	-1.66	-.84	-1.11	-.38	-.35	---	---
0.5	U	-6.19	-1.86	-1.17	---	-.80	-.96	---	-1.07
	L	-1.05	-1.00	-.30	---	-.10	-.02	---	.05
1.0	U	-3.00	---	-1.11	-1.19	-.88	-1.02	---	-1.06
	L	-.09	-.20	.17	-.04	.29	.27	---	.27
1.5	U	-3.28	-1.77	-1.07	---	-.77	-1.08	---	-1.10
	L	.26	.14	.34	.10	.35	.34	---	---
2.5	U	-2.57	-1.76	-1.05	-1.25	-.74	-.98	---	-1.06
	L	.47	.36	.46	.42	.43	.43	---	.48
3.5	U	-2.14	-1.74	-1.04	-1.17	-.75	-.72	---	-1.12
	L	.54	.45	.50	---	.46	.43	---	.25
5.0	U	-1.85	-1.72	-1.03	---	-.73	-.56	---	-1.09
	L	---	.50	.51	---	.47	.47	---	---
7.5	U	-1.57	-1.70	-1.03	-1.11	-.73	-.75	---	-.73
	L	.55	.52	---	.50	.39	.38	---	.34
10.0	U	-1.37	-1.69	-1.02	-1.09	-.73	-.76	---	-.56
	L	.54	---	.47	.48	.37	---	---	.33
15.0	U	-1.13	-1.74	-1.02	-1.07	-.72	-.73	---	-.50
17.5	U	---	---	---	-1.05	-.68	-.69	---	-.49
20.0	U	---	-1.77	-1.04	-1.04	-.67	-.66	-0.51	-.50
	L	.43	.43	.39	.38	.26	.23	.19	.16
30.0	U	-.82	-1.61	-1.03	-1.02	-.69	-.65	-.49	-.48
	L	.37	.37	.33	.34	.17	.14	.10	.05
40.0	U	-.76	-1.20	-1.04	-.99	-.70	-.64	-.19	-.47
	L	.30	.35	.31	.30	.15	.07	-.02	-.01
50.0	U	-.75	-.90	-1.02	-.96	-.72	-.64	-.44	-.46
	L	.27	.35	.29	.28	.06	.01	-.04	-.03
60.0	U	-.69	-.80	-1.00	-.93	-.72	---	-.41	-.45
	L	.27	.37	.30	.27	.04	-.02	-.06	-.06
70.0	U	-.67	-.93	-.94	-.81	-.73	-.63	-.39	-.43
	L	.28	.38	.32	.41	-.06	-.07	-.09	-.08
73.0	U	---	---	---	---	-.75	---	-.38	-.43
80.0	U	-.74	-1.15	-.85	-.83	-.68	-.61	-.35	-.40
	L	.26	.34	.26	.06	-.06	-.07	-.13	-.14
85.0	U	---	---	---	---	-.72	-.61	-.34	-.38
	L	---	---	---	---	-.12	-.21	-.12	-.14
90.0	U	-.89	---	---	---	-.76	-.62	-.32	-.38
	L	-.09	---	---	---	-.18	-.23	-.13	-.16
95.0	U	---	---	---	---	-.83	-.65	-.30	-.35
	L	---	---	---	---	-.30	-.29	---	-.19

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.04	-1.04	-1.30
1.0	U	---	-1.66	-1.90
	L	.48	.47	.56
2.0	U	-3.76	-1.77	-1.57
	L	.63	.54	.54
3.0	U	-3.19	-1.25	-1.38
	L	.57	---	.46
4.0	U	-2.31	-1.18	-1.17
	L	.49	.52	---
5.0	U	-1.72	-.99	-1.04
	L	.37	.46	.35
6.0	U	-1.30	-.78	-.94
	L	.11	.40	.33

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0		-0.25	0	-0.48
75.25	U	---	0.01	---
	L	---	---	.06
75.5	U	-.74	-.22	---
	L	.32	.29	.18
76.0	U	-1.01	-.22	-.91
	L	.57	.45	.46
77.5	U	-1.65	-.93	-1.14
	L	.68	.51	.54
80.0	U	-1.10	-1.06	-.79
	L	.66	.48	.52
82.5	U	-.78	-.78	---
	L	.63	.43	.49
85.0	U	-.69	-.65	-.62
	L	.58	.39	.49
90.0	U	-.36	-.61	-.46
	L	.50	.25	.36
95.0	U	-.28	-.41	-.34
	L	.36	.13	.30

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.06	-1.10	-1.30
1.0	U	---	-1.95	-1.67
	L	.49	.47	.59
2.0	U	-3.79	-1.96	-1.52
	L	.64	.52	.54
3.0	U	-3.24	-1.33	-1.33
	L	.57	---	.45
4.0	U	-2.31	-1.24	-1.17
	L	.50	.50	---
5.0	U	-1.73	-1.04	-1.04
	L	.37	.48	.34
6.0	U	-1.28	-.80	-.94
	L	.12	.39	.22

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0		-0.25	-0.02	-0.50
75.25	U	---	.02	---
	L	---	---	.05
75.5	U	-.72	-.24	---
	L	.32	.29	.23
76.0	U	-1.00	-.54	-.96
	L	.56	.45	---
77.5	U	-1.65	-.98	-1.23
	L	.56	.50	.54
80.0	U	-1.11	-1.09	-.90
	L	.66	.48	.52
82.5	U	-.80	-.80	---
	L	.52	.43	.48
85.0	U	-.59	-.66	-.73
	L	.59	.38	.47
90.0	U	-.37	-.55	-.64
	L	.51	.25	.33
95.0	U	-.29	-.47	-.49
	L	.37	.12	.27

NACA

TABLE V.- CONTINUED

WING α = 15.35

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-8.94	-2.55	---	-1.60	-0.98	-1.06	---	-1.19
0.25	U	-10.06	-1.65	-1.06	-1.19	- .76	- .78	---	- .94
	L	-2.97	- .86	- .78	- .99	- .34	- .26	---	---
0.5	U	-6.67	-1.59	-1.06	---	- .74	- .79	---	- .87
	L	-1.45	- .17	- .57	---	- .08	- .04	---	- .09
1.0	U	-4.60	---	-1.02	-1.05	- .79	- .84	---	- .90
	L	- .25	- .14	.18	- .01	.30	.29	---	.50
1.5	U	-3.46	-1.52	- .98	---	- .70	- .89	---	- .95
	L	.19	.17	.34	.10	.38	.37	---	---
2.5	U	-2.72	-1.51	- .96	-1.10	- .67	- .76	---	- .93
	L	.46	.37	.47	.43	.45	.44	---	.39
3.5	U	-2.41	-1.49	- .93	-1.04	- .68	- .64	---	-1.00
	L	.56	.46	.51	---	.47	.43	---	.26
5.0	U	-2.22	-1.45	- .94	-1.01	- .67	- .56	---	- .99
	L	---	.49	.51	---	.48	.47	---	---
7.5	U	-1.86	-1.43	- .93	- .99	- .67	- .58	---	- .66
	L	.58	.52	.50	.49	.42	.40	---	.34
10.0	U	-1.49	-1.43	- .95	- .99	- .66	- .57	---	- .52
	L	.59	---	.47	.48	.40	---	---	.15
15.0	U	-1.39	-1.43	- .94	- .96	- .66	- .55	---	- .45
17.5	U	---	---	---	- .94	- .64	- .52	---	- .43
20.0	U	---	-1.39	- .93	---	- .64	- .51	-0.43	- .41
	L	.48	.43	.40	.37	.29	.24	.19	.18
30.0	U	- .91	-1.44	- .94	-1.12	- .64	- .49	- .44	- .48
	L	.40	.37	.34	.34	.20	.14	.10	.07
40.0	U	- .82	-1.36	- .94	-1.06	- .66	- .50	- .16	- .40
	L	.32	.35	.31	.30	.15	.06	- .02	.03
50.0	U	- .78	-1.17	- .93	-1.09	- .68	- .50	- .41	- .41
	L	.29	.36	.30	.26	0	0	- .03	- .01
60.0	U	- .71	- .93	- .92	-1.07	- .70	---	- .38	- .42
	L	.27	.38	.30	.27	- .02	- .03	- .07	- .03
70.0	U	- .68	- .90	- .87	- .98	- .71	- .61	- .37	- .40
	L	.29	.39	.31	.41	- .06	- .06	- .10	- .06
73.0	U	---	---	---	---	- .71	---	- .37	- .41
80.0	U	- .75	-1.01	- .90	- .82	- .67	- .48	- .34	- .41
	L	.28	.54	.26	.06	- .08	- .06	- .14	- .14
85.0	U	---	---	---	---	- .70	- .48	- .33	- .39
	L	---	---	---	---	- .14	- .22	- .14	- .15
90.0	U	- .89	---	---	---	- .74	- .51	- .32	- .36
	L	- .09	---	---	---	- .21	- .23	- .15	- .17
95.0	U	---	---	---	---	- .23	- .54	- .28	- .36
	L	---	---	---	---	- .32	- .30	---	- .20

WING α = 16.50

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-9.94	-2.10	---	-1.56	-0.94	-0.91	---	-0.91
0.25	U	-10.74	-1.56	-1.00	-1.15	- .74	- .67	---	- .72
	L	-3.24	-1.41	- .77	-1.16	- .35	- .21	---	---
0.5	U	-6.87	-1.49	-1.01	---	- .73	- .68	---	- .68
	L	-1.63	- .84	- .98	-1.00	- .09	.07	---	.14
1.0	U	-6.40	---	- .97	-1.03	- .75	- .73	---	- .72
	L	- .36	- .13	.17	- .02	.29	.31	---	.28
1.5	U	-3.52	-1.45	- .94	---	- .69	- .77	---	- .75
	L	.11	.18	.34	.02	.36	.39	---	---
2.5	U	-3.84	-1.42	- .92	-1.08	- .66	- .69	---	- .77
	L	.42	.38	.47	.42	.44	.46	---	.40
3.5	U	-2.59	-1.36	- .92	-1.01	- .67	- .59	---	- .83
	L	.55	.46	.50	---	.46	.45	---	.28
5.0	U	-2.42	-1.35	- .91	---	- .66	- .52	---	- .84
	L	---	.51	.51	---	.47	.49	---	---
7.5	U	-2.00	-1.32	- .91	- .96	- .65	- .54	---	- .64
	L	.64	.51	.49	.51	.49	.39	---	.33
10.0	U	-1.87	-1.33	- .90	- .95	- .65	- .51	---	- .51
	L	.63	---	.46	.49	.38	---	---	.14
15.0	U	-1.25	-1.38	- .90	- .94	- .64	- .50	---	- .42
17.5	U	---	---	---	- .92	- .63	- .50	---	- .38
20.0	U	- .80	-1.29	- .90	- .92	- .64	- .49	-0.40	- .37
	L	.52	.44	.40	.38	.29	.22	.21	.19
30.0	U	- .94	-1.34	- .90	- .90	- .64	- .49	- .39	- .35
	L	.44	.36	.34	.35	.18	.13	.12	.06
40.0	U	- .85	-1.33	- .91	- .89	- .64	- .56	- .15	- .38
	L	.36	.36	.31	.30	.15	.06	.10	.01
50.0	U	- .80	-1.28	- .91	- .86	- .67	- .50	- .38	- .39
	L	.32	.36	.29	.28	.06	- .03	- .03	- .03
60.0	U	- .73	-1.07	- .90	- .87	- .70	- .54	- .35	- .40
	L	.30	.37	.30	.26	.02	- .05	- .07	- .04
70.0	U	- .70	- .99	- .86	- .77	- .72	- .52	- .34	- .38
	L	.30	.36	.30	.10	- .06	- .06	- .09	- .08
73.0	U	---	---	---	---	- .73	---	- .34	- .40
80.0	U	- .75	- .96	- .89	- .82	- .68	- .48	- .33	- .40
	L	.29	.34	.26	.04	- .09	- .06	- .14	- .14
85.0	U	---	---	---	---	- .70	- .49	- .32	- .39
	L	---	---	---	---	- .14	- .23	- .15	- .15
90.0	U	- .90	---	---	---	- .72	- .52	- .31	- .37
	L	- .09	---	---	---	- .21	- .24	- .14	- .17
95.0	U	---	---	---	---	- .23	- .55	- .30	- .36
	L	---	---	---	---	- .33	- .31	- .22	- .20

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.97	-1.12	-1.27
1.0	U	---	-1.96	-1.82
	L	.49	.46	.57
2.0	U	-3.83	-1.87	-1.51
	L	.62	.53	.61
3.0	U	-3.33	-1.34	-1.34
	L	.56	---	.44
4.0	U	-2.40	-1.25	-1.19
	L	.48	.51	---
5.0	U	-1.79	-1.04	-1.06
	L	.36	.47	.32
6.0	U	-1.27	- .82	- .99
	L	.11	.38	.19

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.26	0.02	0.32
75.25	U	---	0	---
	L	---	0	.03
75.5	U	- .76	- .28	---
	L	.34	.29	.22
76.0	U	-1.03	- .56	- .99
	L	.56	.45	.44
77.5	U	-1.70	- .99	-1.31
	L	.69	.49	.53
80.0	U	-1.14	-1.12	-1.03
	L	.65	.47	.49
82.5	U	- .82	- .84	---
	L	.61	.42	.46
85.0	U	- .68	- .73	- .91
	L	.58	.36	.44
90.0	U	- .38	- .62	- .79
	L	.50	.23	.29
95.0	U	- .27	- .53	- .62
	L	.36	.09	.23

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.23	-1.12	-1.22
1.0	U	-3.78	-1.87	-1.86
	L	.50	.40	.58
2.0	U	-3.51	-1.89	-1.55
	L	.62	.47	.51
3.0	U	-3.15	-1.33	-1.36
	L	.56	---	.44
4.0	U	-2.33	-1.25	-1.22
	L	.49	.51	---
5.0	U	-1.77	-1.03	-1.11
	L	.37	.48	.32
6.0	U	-1.30	- .82	-1.02
	L	.12	.40	.19

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.23	0.01	-0.33
75.25	U	---	.01	---
	L	---	0	.03
75.5	U	- .72	- .26	---
	L	.32	.30	.22
76.0	U	- .99	- .55	-1.02
	L	.56	---	.46
77.5	U	-1.69	- .99	-1.34
	L	.54	.50	.46
80.0	U	-1.17	-1.11	-1.09
	L	.64	.48	.45
82.5	U	- .86	- .83	---
	L	.61	.42	.46
85.0	U	- .64	- .72	- .92
	L	.57	.36	.43
90.0	U	- .41	- .63	- .85
	L	.50	.24	.26
95.0	U	- .23	- .55	- .69
	L	.36	.09	.20

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TABLE V.- CONCLUDED

WING α = 17.30

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-10.68	-2.03	-0.99	-1.61	-0.87	-0.77	---	-0.69
0.25	U	-11.27	-1.51	---	-1.15	-.71	-.56	---	-.55
	L	---	-1.43	-.83	-1.06	-.38	-.18	---	---
0.5	U	-7.26	-1.44	-1.00	---	-.69	-.59	---	-.51
	L	-1.97	-.86	.14	---	-.11	.06	---	.18
1.0	U	-4.74	---	-.96	-1.03	-.72	-.61	---	-.53
	L	-.53	-.17	.14	-.03	.26	.32	---	.33
1.5	U	-3.58	-1.39	-.93	---	-.66	-.64	---	-.55
	L	.01	.16	.32	.07	.36	.39	---	---
2.5	U	-3.16	-1.35	-.93	-1.09	-.65	-.61	---	-.56
	L	.37	.38	.46	.41	.44	.45	---	.40
3.5	U	-3.01	-1.32	-.92	-1.00	-.64	-.58	---	-.59
	L	.53	.45	.50	---	.47	.45	---	.26
5.0	U	-2.96	-1.29	-.92	---	-.63	-.49	---	-.62
	L	---	.51	.51	---	.49	.49	---	---
7.5	U	-2.29	-1.26	-.91	-.96	-.63	-.52	---	-.56
	L	.64	.52	.50	.51	.41	.40	---	.34
10.0	U	-1.79	-1.26	-.91	-.95	-.63	-.48	---	-.48
	L	.61	---	.48	.50	.40	---	---	.18
15.0	U	-1.36	-1.26	-.91	-.94	-.63	-.48	---	-.41
17.5	U	---	---	---	-.92	---	-.48	---	-.38
20.0	U	---	-1.26	-.91	---	-.62	-.49	-0.39	-.37
	L	.51	.44	.41	.40	.24	.24	.19	.19
30.0	U	-.96	-1.29	-.92	-.92	-.63	-.49	-.38	-.38
	L	.43	.36	.34	.36	.14	.15	.11	.07
40.0	U	---	-1.31	-.92	-.90	-.66	-.50	-.15	-.37
	L	.35	.36	.32	.32	.07	.08	-.01	.04
50.0	U	-.82	-1.24	-.92	-.88	-.67	-.52	-.27	-.39
	L	.31	.36	.30	.29	0	0	-.04	-.01
60.0	U	-.74	-1.12	-.92	-.87	-.70	-.53	-.36	-.41
	L	.29	.37	.30	-.28	-.04	-.05	-.09	-.04
70.0	U	-.71	-1.07	-.87	-.78	-.72	-.52	-.35	-.40
	L	.30	.38	.31	---	-.09	-.07	-.11	-.07
73.0	U	---	---	---	---	-.72	---	-.35	-.41
80.0	U	-.78	-.76	-.92	-.85	-.65	-.48	-.33	-.39
	L	.29	.34	---	.04	-.09	-.09	-.14	-.14
85.0	U	---	---	---	---	-.69	-.51	-.32	-.30
	L	---	---	---	---	-.16	-.24	-.14	-.15
90.0	U	-.93	---	---	---	-.72	-.53	-.31	-.38
	L	-.11	---	---	---	-.22	-.26	-.14	-.18
95.0	U	---	---	---	---	-.93	-.56	-.30	-.36
	L	---	---	---	---	-.34	-.32	-.29	-.20

WING α = 18.30

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-11.67	-1.94	---	-1.49	-0.83	-0.64	---	-0.58
0.25	U	-12.34	-1.44	-.96	-1.12	-.67	-.48	---	-.42
	L	---	-1.42	---	-1.07	.59	-.15	---	---
0.5	U	-7.54	-1.36	-.96	---	-.66	-.49	---	-.40
	L	-2.19	-.87	-.83	---	-.12	.10	---	.19
1.0	U	-4.75	---	-.92	-1.00	-.68	-.50	---	-.41
	L	-.52	-.16	-.34	-.02	.26	.34	---	.34
1.5	U	-5.76	-1.32	-.90	---	-.63	-.51	---	-.42
	L	0	.15	.15	.07	.34	.41	---	---
2.5	U	-3.47	-1.26	-.90	-1.07	-.59	-.51	---	-.42
	L	.39	.38	.45	.39	.44	.47	---	.40
3.5	U	-3.46	-1.25	-.90	-.96	-.60	-.49	---	-.43
	L	.57	.47	.49	---	.48	.47	---	.26
5.0	U	-3.25	-1.22	-.90	---	-.60	-.45	---	-.43
	L	---	.52	.40	---	.49	.50	---	---
7.5	U	-2.55	-1.22	-.89	-.95	-.59	-.47	---	-.45
	L	.67	.53	---	.53	.45	.42	---	.36
10.0	U	-1.90	-1.20	-.89	-.94	-.60	-.44	---	-.42
	L	.56	---	-.48	.51	.42	---	---	.15
15.0	U	-1.43	-1.20	-.89	-.92	-.60	-.44	---	-.38
17.5	U	---	---	---	-.91	-.60	-.46	---	-.36
20.0	U	---	-1.18	-.90	-.92	-.60	-.45	-0.37	-.35
	L	.54	.45	---	.41	.38	.17	.22	.19
30.0	U	-1.04	-1.22	-.90	-.90	-.62	-.46	-.36	-.33
	L	.46	.40	.35	.38	.21	.08	.12	.08
40.0	U	-.93	-1.25	-.91	-.90	-.64	-.47	-.14	-.36
	L	.37	.37	.32	.33	.14	.01	0	.04
50.0	U	-.86	-1.21	-.92	-.88	-.64	-.49	-.36	-.36
	L	.33	.37	.30	.30	.06	-.03	-.02	-.01
60.0	U	-.78	-1.15	-.92	-.86	-.67	-.52	-.35	-.35
	L	.30	.38	.30	.29	.03	-.08	-.07	-.04
70.0	U	-.74	-1.12	-.88	-.76	-.70	-.50	-.34	-.36
	L	.31	.39	.31	---	-.06	.04	-.10	-.07
73.0	U	---	---	---	---	-.72	---	-.33	-.38
80.0	U	-.80	-1.10	-.94	-.83	-.65	-.48	-.35	-.36
	L	.30	.38	.26	.04	-.10	-.10	-.14	-.15
85.0	U	---	---	---	---	-.68	-.51	-.32	-.28
	L	---	---	---	---	-.15	-.24	-.14	-.16
90.0	U	-.97	---	---	---	-.71	-.52	-.32	-.37
	L	-.12	---	---	---	-.23	-.26	-.15	-.18
95.0	U	---	---	---	---	---	-.56	-.31	-.37
	L	---	---	---	---	-.35	-.32	0	-.21

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.68	-1.11	-1.32
1.0	U	-3.39	-1.96	-1.91
	L	.51	.46	.56
2.0	U	-3.15	-1.86	-1.87
	L	.52	.52	.51
3.0	U	-2.85	-1.33	-1.41
	L	.57	---	.45
4.0	U	-2.20	-1.22	-1.26
	L	.50	.50	---
5.0	U	-1.73	-1.04	-1.15
	L	.38	.47	.30
6.0	U	-1.27	-.82	-1.07
	L	.14	.39	.17

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0		-0.19	-0.02	-0.55
75.25	U	---	0	---
	L	---	---	.02
75.5	U	-.67	-.25	---
	L	-.34	.28	.21
76.0	U	-.94	-.56	-1.06
	L	.57	.45	.43
77.5	U	-1.71	-.89	-1.41
	L	.66	.49	.52
80.0	U	-1.98	-1.13	-1.15
	L	.65	.47	.48
82.5	U	-.94	-.55	---
	L	.61	.41	.48
85.0	U	-.73	-.75	-1.04
	L	.57	.37	.43
90.0	U	-.43	-.65	-.90
	L	.49	.22	.28
95.0	U	-.32	-.58	-.72
	L	.35	.08	.20

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.52	-1.09	-1.31
1.0	U	-2.94	-1.85	-1.90
	L	.53	.49	.59
2.0	U	-2.62	-1.75	-1.86
	L	.64	.54	.52
3.0	U	-2.37	-1.25	-1.40
	L	.59	---	.47
4.0	U	-1.82	-1.17	-1.25
	L	.52	.52	---
5.0	U	-1.48	-.99	-1.15
	L	.40	.46	.32
6.0	U	-1.24	-.79	-1.06
	L	.18	.40	.19

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0		-0.12	0	-0.53
75.25	U	---	0	---
	L	---	0	.05
75.5	U	-.58	-.22	---
	L	.39	.31	.25
76.0	U	-.86	-.54	-1.04
	L	.60	.47	.46
77.5	U	-1.64	-.98	-1.42
	L	.66	.52	.54
80.0	U	-1.29	-1.11	-1.05
	L	.64	.49	.49
82.5	U	-1.05	-.83	---
	L	.52	.43	.46
85.0	U	-.87	-.75	-1.05
	L	.58	.38	.44
90.0	U	-.55	-.67	-.92
	L	.50	.24	.28
95.0	U	-.35	-.58	-.75
	L	.36	.10	.20

NACA

TABLE VI.- PRESSURE COEFFICIENTS[1] FOR THE WING WITH SLATS EXTENDED, 40- TO 97-PERCENT SEMISPAN. FLAPS RETRACTED. $R = 8\times10^6$

SLAT $\alpha = -0.01$

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-0.74	-0.84	-0.68	-0.89	-0.64
0.25	U	.17	.20	---	.31	.24
	L	-1.45	-1.43	-1.29	-1.21	---
0.5	U	.39	.41	.36	.46	.43
	L	-1.26	-1.30	-1.32	-1.20	-1.06
1.0	U	.45	.45	.40	.47	.46
	L	---	-1.00	-1.11	-1.00	- .71
1.5	U	.42	---	.38	.42	.37
	L	---	- .56	- .78	- .60	---
2.5	U	.26	.32	.28	.36	.30
	L	- .59	- .47	- .59	- .49	- .39
3.5	U	.26	.21	.25	.28	.35
	L	- .44	- .26	- .46	- .39	- .18
5.0	U	.18	.17	.18	---	.19
	L	- .27	- .24	- .30	- .21	- .16
7.5	U	.08	.11	.09	.20	.11
	L	- .29	- .24	- .29	- .20	---
10.0	U	.04	0	.01	.08	.02
	L	- .31	- .26	- .30	- .20	- .19
15.0	U	- .09	- .08	- .12	- .09	- .19
	L	- .30	- .26	- .04	- .21	- .20
17.5	U	- .22	---	---	---	---
	L	- .31	---	---	---	---

SLAT $\alpha = 2.04$

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-0.03	-0.06	0.06	0	0.10
0.25	U	.43	.39	.45	.48	.48
	L	- .57	- .52	- .51	- .48	---
0.5	U	.44	.44	.40	.46	.43
	L	- .68	- .65	- .63	- .54	- .45
1.0	U	.39	.34	.30	.37	.34
	L	---	- .53	- .52	- .45	- .40
1.5	U	.31	---	.23	.29	.26
	L	- .43	- .44	- .48	- .34	---
2.5	U	.18	.18	.14	.21	.17
	L	---	- .33	- .37	- .30	- .21
3.5	U	.14	.09	.09	.25	.16
	L	- .28	- .28	- .28	- .24	- .07
5.0	U	.07	.06	.03	---	.07
	L	- .18	- .15	- .28	- .12	- .04
7.5	U	- .03	- .01	- .04	.09	.02
	L	- .27	- .22	- .24	- .12	---
10.0	U	- .06	- .11	- .11	- .04	- .06
	L	- .33	- .23	- .24	- .10	- .08
15.0	U	- .17	- .16	- .22	- .18	- .17
	L	- .43	- .36	- .27	- .20	- .20
17.5	U	- .28	---	---	---	---
	L	- .41	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		0.44	0.06	---	---	---	---	---	---
0.25	U	.18	---	---	---	---	---	---	---
	L	.24	.20	---	---	---	---	---	---
0.5	U	.02	- .07	---	---	---	---	---	---
	L	.20	.08	---	---	---	---	---	---
1.0	U	- .07	- .10	---	---	---	---	---	---
	L	- .05	- .01	---	---	---	---	---	---
1.5	U	- .11	- .10	---	---	---	---	---	---
	L	- .01	- .04	---	---	---	---	---	---
2.5	U	- .14	- .10	---	---	---	---	---	---
	L	- .06	- .07	---	---	---	---	---	---
3.5	U	- .17	- .15	---	---	---	---	---	---
	L	- .07	- .07	---	---	---	---	---	---
5.0	U	- .27	- .18	-0.34	-0.23	-0.26	-0.22	-0.23	-0.23
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	- .34	- .24	- .26	- .22	- .23	- .23
	L	- .08	- .02	- .25	- .22	- .22	- .21	- .24	- .24
7.5	U	- .16	- .17	- .37	- .22	- .27	- .22	- .22	- .23
	L	- .12	- .21	- .40	- .27	- .29	- .20	- .23	- .24
10.0	U	- .15	- .18	- .37	-0.17	- .21	- .22	- .22	- .22
	L	- .12	- .20	- .27	- .23	- .27	---	- .14	- .14
12.5	U	---	---	---	- .11	.03	- .14	---	- .16
	L	---	---	---	---	---	---	---	---
15.0	U	- .27	- .21	- .34	- .04	- .06	- .17	- .18	- .18
	L	---	- .13	---	---	---	---	---	---
17.5	U	- .19	- .18	---	- .52	- .73	- .57	---	- .51
	L	- .15	---	---	---	---	---	---	---
20.0	U	- .14	- .15	- .29	- .28	- .21	- .24	- .26	- .24
	L	- .14	- .23	---	- .03	.04	- .15	- .02	- .01
30.0	U	- .18	- .19	- .20	- .22	- .18	- .21	- .19	- .20
	L	- .18	- .24	- .06	- .10	- .07	- .09	- .03	- .04
40.0	U	- .22	- .20	- .18	- .17	- .16	- .18	- .13	- .20
	L	- .20	- .22	- .12	- .13	- .10	- .11	---	- .14
50.0	U	- .20	- .19	- .16	- .17	- .14	- .16	- .06	- .17
	L	- .20	- .16	- .11	- .12	- .10	- .12	- .07	- .12
60.0	U	- .19	- .16	- .09	- .08	- .08	- .10	- .10	- .16
	L	- .19	- .16	- .09	- .10	- .06	- .09	- .06	- .08
70.0	U	- .18	- .14	- .05	- .13	- .07	- .05	- .04	- .08
	L	- .19	- .13	- .05	- .06	- .07	- .05	- .04	- .06
75.0	U	---	---	---	---	- .06	---	- .03	- .06
	L	---	---	---	---	---	---	---	---
75.0	U	---	---	---	---	---	---	---	---
	L	---	---	---	---	---	---	---	---
80.0	U	- .14	---	- .04	- .03	0	.02	0	.01
	L	- .16	---	- .05	- .01	---	.02	0	- .02
85.0	U	---	- .05	- .04	.05	0	.03	.02	.03
	L	---	- .10	.04	.01	---	- .05	.02	.01
90.0	U	- .09	- .06	.04	.02	.02	.04	.04	.03
	L	- .12	- .08	.05	.04	.02	.03	.06	---
95.0	U	---	- .04	.07	.03	.03	.06	.06	.03
	L	---	- .05	.08	.06	.04	.07	.06	.03

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		0.30	-0.36	---	---	---	---	---	---
0.25	U	- .15	- .46	---	---	---	---	---	---
	L	.41	.49	---	---	---	---	---	---
0.5	U	- .31	- .54	---	---	---	---	---	---
	L	.32	.41	---	---	---	---	---	---
1.0	U	- .60	- .41	---	---	---	---	---	---
	L	.23	---	---	---	---	---	---	---
1.5	U	- .54	- .40	---	---	---	---	---	---
	L	.17	---	---	---	---	---	---	---
2.5	U	- .32	- .36	---	---	---	---	---	---
	L	.10	.14	---	---	---	---	---	---
3.5	U	- .31	- .34	---	---	---	---	---	---
	L	.09	.11	---	---	---	---	---	---
5.0	U	- .22	- .22	-0.43	-0.34	-0.36	-0.31	-0.39	-0.36
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	- .50	- .31	- .34	- .24	- .36	- .27
	L	.05	- .17	- .27	- .22	- .23	- .10	- .16	- .18
7.5	U	- .22	- .31	- .45	- .30	- .30	- .27	- .32	- .22
	L	.03	- .17	- .25	- .10	- .11	- .07	- .08	- .09
10.0	U	- .22	- .31	- .33	- .30	- .30	- .26	- .39	- .30
	L	- .04	- .17	- .17	- .09	- .08	- .03	- .02	- .02
12.5	U	---	---	- .25	- .30	- .22	- .33	- .40	- .30
	L	---	---	---	---	---	---	---	---
15.0	U	- .24	- .26	- .27	- .26	- .22	- .29	- .40	- .31
	L	---	- .18	---	---	---	---	---	---
17.5	U	- .26	- .23	- .37	- .57	- .54	- .61	---	- .55
	L	---	---	---	---	---	---	---	---
20.0	U	- .21	- .24	- .34	- .40	- .32	- .35	- .45	- .34
	L	- .07	- .12	---	.07	.09	.05	.09	.07
30.0	U	- .23	- .22	- .35	- .22	- .24	- .27	- .25	- .22
	L	- .11	- .17	- .04	- .08	- .05	- .04	0	- .06
40.0	U	- .24	- .25	- .21	- .23	- .21	- .23	- .18	- .24
	L	- .15	- .16	- .09	- .09	- .06	- .08	- .11	- .14
50.0	U	- .26	- .22	- .16	- .22	- .16	- .15	- .16	- .19
	L	- .16	- .14	- .09	- .09	- .08	- .09	- .07	- .12
60.0	U	- .23	- .18	- .10	- .10	- .10	- .11	- .11	- .15
	L	- .17	- .10	- .07	- .08	- .06	- .06	- .07	- .09
70.0	U	- .19	- .18	- .04	- .14	- .08	- .06	- .04	- .09
	L	- .15	- .09	- .04	- .04	- .05	- .03	- .04	- .06
75.0	U	---	---	---	---	---	---	.08	- .07
	L	---	---	---	---	---	---	---	---
75.0	U	---	---	---	---	---	---	---	---
	L	---	---	---	---	---	---	---	---
80.0	U	- .16	- .07	- .06	- .05	0	.01	- .08	- .03
	L	- .14	- .07	- .06	- .01	.02	.02	- .02	- .08
85.0	U	---	- .04	- .07	.04	.02	.01	.02	- .08
	L	---	- .06	.02	.02	.03	- .03	.01	---
90.0	U	- .10	- .05	.02	.02	.03	.02	.04	- .01
	L	- .12	- .04	.04	.04	.04	---	.04	- .01
95.0	U	---	- .02	.05	.05	.06	.06	.04	0
	L	---	- .03	.05	.06	.06	---	.05	- .01

NACA

[1]Pressure coefficients tabulated are defined as $(p_l-p_o)/q$

TABLE VI.- CONTINUED

SLAT $\alpha = 4.15$

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		0.37	0.36	0.38	0.40	0.40
0.25	U	.44	.44	.38	.44	.42
	L	-.04	-.04	.14	.03	—
0.5	U	.33	.31	.25	.29	.30
	L	-.14	-.14	.21	-.10	-.13
1.0	U	.19	.15	.11	.19	.17
	L	—	-.19	-.21	-.14	-.16
1.5	U	.11	—	.04	.10	.09
	L	-.27	-.17	.23	-.10	-.16
2.5	U	-.08	-.01	-.03	.06	.01
	L	-.15	-.17	.20	-.09	—
3.5	U	-.04	-.09	-.07	0	.04
	L	-.12	-.15	.17	-.09	-.11
5.0	U	-.06	-.11	-.10	—	-.05
	L	-.10	-.15	.16	-.08	-.09
7.5	U	-.15	-.16	-.16	-.06	-.08
	L	-.26	-.22	.34	-.08	—
10.0	U	-.16	-.19	-.20	-.15	-.15
	L	-.35	-.23	-.33	-.06	-.12
15.0	U	-.24	-.23	-.30	-.26	-.22
	L	—	-.44	-.10	-.21	-.26
17.5	U	-.34	—	—	—	—
	L	.49	—	—	—	—

SLAT $\alpha = 6.19$

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		0.44	0.46	0.39	0.38	0.47
0.25	U	.13	.23	.02	.09	.15
	L	.38	.32	.29	.38	—
0.5	U	-.04	-.07	-.15	-.11	-.02
	L	.23	.21	.18	.24	.22
1.0	U	-.18	-.28	-.26	-.19	-.15
	L	—	.10	.19	.15	.13
1.5	U	-.21	—	.22	.23	.19
	L	-.03	.06	.05	.07	—
2.5	U	-.38	-.26	-.26	-.22	-.23
	L	.04	0	.01	.06	.04
3.5	U	-.26	-.30	-.28	-.24	-.15
	L	.01	-.08	-.05	.02	.01
5.0	U	-.27	-.29	-.29	—	-.22
	L	-.13	-.14	-.08	-.04	-.06
7.5	U	-.30	-.30	-.30	-.25	-.22
	L	-.18	-.22	-.26	-.04	—
10.0	U	-.30	-.33	-.33	-.28	-.26
	L	-.23	-.22	-.29	-.04	-.09
15.0	U	-.34	-.30	-.39	-.38	-.30
	L	—	-.23	-.08	-.10	-.11
17.5	U	-.37	—	—	—	—
	L	-.32	—	—	—	—

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		-0.03	-0.28	—	—	—	—	—	—
0.25	U	-.68	-1.23	—	—	—	—	—	—
	L	.45	—	—	—	—	—	—	—
0.5	U	-.77	-1.19	—	—	—	—	—	—
	L	.44	.55	—	—	—	—	—	—
1.0	U	-.69	-1.01	—	—	—	—	—	—
	L	.38	.45	—	—	—	—	—	—
1.5	U	-.64	-.78	—	—	—	—	—	—
	L	.31	.45	—	—	—	—	—	—
2.5	U	-.56	-.66	—	—	—	—	—	—
	L	.24	.37	—	—	—	—	—	—
3.5	U	-.52	-.58	—	—	—	—	—	—
	L	.19	.31	—	—	—	—	—	—
5.0	U	-.44	-.52	-0.65	-0.56	-0.67	-0.46	—	-0.56
	L	—	—	—	—	—	—	—	—
6.0	U	—	—	-.74	-.44	-.51	-.32	—	-.38
	L	.16	.28	.24	.10	.33	0	—	.29
7.5	U	-.39	-.49	-.45	-.37	-.35	-.36	—	-.37
	L	.07	-.14	.44	.29	.44	.12	—	.40
10.0	U	-.38	-.44	-.29	-.41	-.38	-.38	—	-.39
	L	.06	—	.34	.33	.34	—	—	.12
12.5	U	—	—	-.38	-.41	-.39	-.41	—	-.38
	L	—	—	—	—	—	—	—	—
15.0	U	-.34	-.41	—	-.40	-.37	-.41	—	-.37
	L	—	-.14	—	—	—	—	—	—
17.5	U	-.34	-.32	-.40	-.72	-.77	-.66	—	-.68
	L	—	—	—	—	—	—	—	—
20.0	U	-.32	-.33	-.51	-.50	-.43	-.42	-.46	-.44
	L	0	-.04	-.10	.10	.11	.06	.10	.07
30.0	U	-.29	-.34	-.38	-.36	-.31	-.35	-.30	-.30
	L	-.05	-.10	-.02	-.03	0	-.02	-.02	-.06
40.0	U	-.30	-.30	-.32	-.29	-.25	-.26	-.18	-.25
	L	-.11	-.10	-.06	-.06	-.03	-.06	-.06	-.06
50.0	U	-.31	-.28	-.24	-.26	-.21	-.23	-.18	-.21
	L	—	-.09	-.05	-.06	-.05	-.09	-.06	-.08
60.0	U	-.26	-.21	-.18	-.14	-.13	-.15	-.12	-.18
	L	-.13	-.07	-.04	-.06	-.02	-.06	-.04	-.06
70.0	U	-.21	-.21	-.11	-.17	-.18	-.10	-.05	-.07
	L	-.10	-.08	-.01	-.02	-.04	-.03	-.04	-.04
73.0	U	—	—	—	—	-.09	—	-.04	-.06
	L	—	—	—	—	—	—	-.03	—
75.0	U	—	—	—	—	—	—	—	—
	L	—	—	—	—	—	—	—	—
80.0	U	-.17	-.08	-.08	-.06	-.02	-.02	-.01	0
	L	-.12	-.07	-.07	.03	.01	.02	-.02	-.02
85.0	U	—	-.05	-.07	.03	.01	0	.08	.01
	L	—	-.06	.04	.04	.03	-.03	0	.02
90.0	U	-.13	-.07	.01	.01	.02	.02	.04	.02
	L	-.11	-.05	.04	.05	.05	.02	—	.03
95.0	U	—	-.04	.05	.04	.05	.04	.04	.02
	L	—	-.03	.06	.06	.04	.04	—	.04

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		-0.72	-1.41	—	—	—	—	—	—
0.25	U	-1.52	-2.52	—	—	—	—	—	—
	L	.35	.27	—	—	—	—	—	—
0.5	U	-1.42	-2.20	—	—	—	—	—	—
	L	.46	.47	—	—	—	—	—	—
1.0	U	-1.21	-1.84	—	—	—	—	—	—
	L	.49	.57	—	—	—	—	—	—
1.5	U	-.97	-1.29	—	—	—	—	—	—
	L	.45	.55	—	—	—	—	—	—
2.5	U	-.85	-1.10	—	—	—	—	—	—
	L	.38	.50	—	—	—	—	—	—
3.5	U	-.77	-.88	—	—	—	—	—	—
	L	.33	.45	—	—	—	—	—	—
5.0	U	-.65	-.76	-0.80	-0.97	-0.80	-0.80	—	-0.55
	L	—	—	—	—	—	—	—	—
6.0	U	—	—	-.78	-.48	-.59	-.28	—	-.54
	L	.11	.43	.12	.50	.50	.54	—	.49
7.5	U	-.54	-.69	-.42	-.50	-.40	-.44	—	-.56
	L	.18	-.11	.38	.45	.47	.46	—	.43
10.0	U	-.50	-.53	-.49	-.56	-.52	-.50	—	-.55
	L	.18	—	.36	.33	.36	—	—	.16
12.5	U	—	—	-.47	-.54	-.54	-.53	—	-.47
	L	—	—	—	—	—	—	—	—
15.0	U	-.45	-.53	—	-.51	-.47	-.51	—	-.46
	L	—	-.15	—	—	—	—	—	—
17.5	U	-.44	-.42	-.55	-.89	-1.04	-.89	—	-1.26
	L	—	—	—	—	—	—	—	—
20.0	U	-.42	-.41	-.61	-.58	-.53	-.53	-.64	-.54
	L	.07	.06	.16	.16	.16	.15	.17	.12
30.0	U	-.39	-.38	-.46	-.45	-.36	-.39	-.37	-.36
	L	.02	0	.03	.04	.05	.06	.08	-.02
40.0	U	-.37	-.34	-.38	-.33	-.32	-.32	-.21	-.30
	L	-.05	-.03	-.06	0	.02	0	-.03	-.04
50.0	U	-.37	-.29	-.29	-.30	-.26	-.24	-.20	-.24
	L	—	-.03	-.05	-.01	0	-.03	-.03	-.06
60.0	U	-.32	-.25	-.23	-.15	-.16	-.15	-.14	-.18
	L	-.11	-.02	-.05	-.02	.01	-.01	-.04	-.04
70.0	U	-.26	-.20	-.13	-.16	-.12	-.09	-.06	-.09
	L	-.07	-.04	-.04	.01	0	.02	-.04	-.02
73.0	U	—	—	—	—	-.10	—	-.06	-.07
	L	—	—	—	—	—	—	-.01	—
75.0	U	—	—	—	—	—	—	—	—
	L	—	—	—	—	—	—	—	—
80.0	U	-.19	-.06	-.07	-.07	-.03	-.03	-.02	0
	L	-.09	-.02	—	.04	.05	-.05	-.02	0
85.0	U	—	-.06	-.08	0	0	-.02	.01	.01
	L	—	-.01	.06	.04	.06	-.01	.01	.04
90.0	U	-.16	-.06	0	0	.01	.02	.03	.02
	L	-.06	0	.04	.06	.06	.02	.04	.04
95.0	U	—	-.01	.06	.04	.02	.02	.04	.02
	L	—	0	.06	.06	.05	.05	.04	.04

NACA

TABLE VI.- CONTINUED

SLAT α = 8.24

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		0.17	0.13	-0.14	0	0.19
0.25	U	-.45	-.30	-.79	-.65	-.39
	L	.44	.45	.46	.45	---
0.5	U	-.60	-.64	-.87	-.82	-.53
	L	.39	.42	.45	.44	.42
1.0	U	-.70	-.66	-.89	-.76	-.63
	L	---	.38	.39	.38	.34
1.5	U	-.69	---	-.75	-.69	-.56
	L	.06	.25	.35	.25	---
2.5	U	---	-.57	-.63	-.59	-.52
	L	.16	.16	.20	.23	.18
3.5	U	-.56	-.55	-.59	-.55	-.40
	L	.09	.09	.12	.15	.09
5.0	U	-.53	-.51	-.54	-.52	-.43
	L	-.17	-.06	.09	.10	.03
7.5	U	-.51	-.48	-.49	-.49	-.39
	L	-.17	-.10	-.13	.05	---
10.0	U	-.49	-.49	-.51	-.47	-.49
	L	-.22	-.12	-.20	.06	0
15.0	U	-.52	-.41	-.51	-.53	-.43
	L	---	-.18	-.06	.05	-.10
17.5	U	-.55	---	---	---	
	L	-.38	---	---	---	

SLAT α = 10.26

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-0.50	-0.90	-1.11	-0.99	-0.50
0.25	U	-1.35	-1.22	-1.65	-1.76	-1.25
	L	.34	.35	.35	.30	---
0.5	U	-1.43	-1.40	-1.75	-1.77	-1.27
	L	.46	.46	.41	.45	.45
1.0	U	-1.37	-1.27	-1.45	-1.50	-1.24
	L	---	.46	.46	.43	.43
1.5	U	-1.34	---	-1.30	-1.38	-1.06
	L	.16	.40	.40	.36	---
2.5	U	-1.23	-.86	-.97	-.99	-.94
	L	.32	.31	.33	.34	.27
3.5	U	-.88	-.93	-.87	-.91	-.61
	L	.26	.23	.25	.26	.12
5.0	U	-.78	-.77	-.77	---	-.70
	L	-.06	.05	.08	.12	.08
7.5	U	-.75	-.67	-.69	-.73	-.61
	L	-.04	.02	0	.15	---
10.0	U	-.66	-.66	-.68	-.70	-.63
	L	-.06	.08	-.04	.13	.04
15.0	U	-.66	-.55	-.64	-.73	-.61
	L	---	-.24	-.02	-.06	-.14
17.5	U	-.64	---	---	---	---
	L	-.41	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
.0		-1.52	-2.88	---	---	---	---	---	---
0.25	U	-2.40	-4.14	---	---	---	---	---	---
	L	.11	---	---	---	---	---	---	---
0.5	U	-2.14	-3.37	---	---	---	---	---	---
	L	.36	-.16	---	---	---	---	---	---
1.0	U	-1.55	-2.69	---	---	---	---	---	---
	L	.49	.47	---	---	---	---	---	---
1.5	U	-1.28	-1.84	---	---	---	---	---	---
	L	.49	.58	---	---	---	---	---	---
2.5	U	-1.16	-1.49	---	---	---	---	---	---
	L	.45	.58	---	---	---	---	---	---
3.5	U	-1.00	-1.17	---	---	---	---	---	---
	L	.41	.55	---	---	---	---	---	---
5.0	U	-.84	-1.05	-1.14	-1.05	-0.83	-0.98	---	-0.54
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	-.73	-.55	-.52	-.40	---	-.56
	L	.36	.52	.42	.52	.51	.54	---	.51
7.5	U	-.69	-.84	---	-.76	-.57	-.60	---	-.73
	L	.28	-.06	.47	.47	.47	.49	---	.44
10.0	U	-.63	-.73	-.68	-.74	-.71	-.66	---	-.70
	L	.28	---	.37	.37	.38	---	---	.18
12.5	U	---	---	-.52	-.70	-.69	-.69	---	-.59
	L	---	---	---	---	---	---	---	---
15.0	U	-.66	-.63	---	-.60	-.69	-.64	---	-.66
	L	---	-.10	---	---	---	---	---	---
17.5	U	-.53	-.53	-.66	-1.18	-1.38	-1.23	---	-1.55
	L	---	---	---	---	---	---	---	---
20.0	U	-.60	-.58	-.79	-.71	-.64	-.64	-.78	-.63
	L	.15	-.14	---	.21	.20	.19	.21	.17
30.0	U	-.45	-.46	-.53	-.50	-.47	-.50	-.42	-.41
	L	.09	.05	.08	.07	.10	.09	.12	.08
40.0	U	-.42	-.40	-.42	-.38	-.37	-.39	-.24	-.34
	L	.02	.02	.02	.04	.06	.04	0	0
50.0	U	-.40	-.35	-.32	-.31	-.29	-.30	-.23	-.27
	L	---	.01	0	.01	.03	0	-.01	-.02
60.0	U	-.35	-.26	-.23	-.20	-.18	-.18	-.14	-.22
	L	-.04	.02	-.02	.01	.04	.02	-.02	0
70.0	U	-.37	-.22	-.13	-.22	-.14	-.10	-.07	-.10
	L	-.03	0	.04	.03	-.01	.04	-.01	.01
73.0	U	---	---	---	---	-.12	---	-.06	-.08
	L	---	---	---	---	---	---	0	---
75.0	U	---	---	---	---	---	---	---	---
	L	---	---	---	---	---	---	---	---
80.0	U	-.20	-.06	-.07	-.07	-.04	-.04	-.02	-.02
	L	-.05	-.01	---	.07	.07	.07	-.02	-.01
85.0	U	---	-.04	-.08	0	-.01	-.02	0	0
	L	---	-.01	.06	.05	.08	-.01	.01	.02
90.0	U	-.14	-.05	0	0	.01	.01	.02	.02
	L	-.04	-.01	.07	-.07	.06	.04	.05	.03
95.0	U	---	-.03	.04	.04	.06	.01	.05	.03
	L	---	0	.07	-.06	.07	.06	.06	.05

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		-2.68	-5.90	---	---	---	---	---	---
0.25	U	-3.80	-6.07	---	---	---	---	---	---
	L	-.31	-.90	---	---	---	---	---	---
0.5	U	-3.10	-4.47	---	---	---	---	---	---
	L	.17	-.16	---	---	---	---	---	---
1.0	U	-2.15	-3.52	---	---	---	---	---	---
	L	.46	.35	---	---	---	---	---	---
1.5	U	-1.84	-2.46	---	---	---	---	---	---
	L	.51	.51	---	---	---	---	---	---
2.5	U	-1.70	-1.96	---	---	---	---	---	---
	L	.52	.60	---	---	---	---	---	---
3.5	U	-1.28	-1.72	---	---	---	---	---	---
	L	.50	.61	---	---	---	---	---	---
5.0	U	-1.06	-1.25	-1.22	-0.91	-0.50	-0.89	---	-0.70
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	-.51	-.55	-.56	-.47	---	-.78
	L	.45	.57	.38	.53	.49	.53	---	.49
7.5	U	-.85	-1.05	-.74	-.94	-.80	-.75	---	-.89
	L	.36	-.07	.48	.49	.46	.48	---	.44
10.0	U	-.75	-.91	-.84	-.93	-.91	-.79	---	-.84
	L	.34	---	.40	.40	.39	---	---	.20
12.5	U	---	---	-.71	-.85	-.88	-.83	---	-.71
	L	---	---	---	---	---	---	---	---
15.0	U	-.65	-.76	-.74	-.73	-.72	-.74	---	-.66
	L	---	-.09	---	---	---	---	---	---
17.5	U	-.62	-.66	---	-1.45	-1.69	-1.50	---	-1.82
	L	---	---	---	---	---	---	---	---
20.0	U	-.59	-.63	-.95	-.82	-.78	-.74	-.92	-.76
	L	.21	.20	.25	.25	.23	.23	.26	.18
30.0	U	-.53	-.53	-.55	-.58	-.54	-.56	-.50	-.49
	L	.15	.11	.15	.14	.14	.13	.14	.08
40.0	U	-.48	-.45	-.49	-.45	-.42	-.43	-.28	-.40
	L	.06	.07	.05	.09	.09	.08	.02	.01
50.0	U	-.45	-.37	-.38	-.37	-.32	-.34	-.26	-.31
	L	---	.05	.03	.06	.05	.04	.02	.01
60.0	U	-.39	-.27	-.26	-.23	-.21	-.21	-.18	-.24
	L	0	.05	.02	.04	.06	.08	.02	0
70.0	U	-.31	-.23	-.16	-.20	-.15	-.11	-.10	-.15
	L	.01	.02	.02	.06	.03	.05	.01	.02
73.0	U	---	---	---	---	-.12	---	-.02	-.10
	L	---	---	---	---	---	---	.02	---
75.0	U	---	---	---	---	---	---	---	-.04
	L	---	---	---	---	---	---	---	---
80.0	U	-.33	-.10	-.12	-.08	-.04	-.03	-.05	-.02
	L	-.04	0	---	.07	.09	.10	0	-.03
85.0	U	---	-.10	-.06	-.01	.11	-.01	-.02	0
	L	---	-.01	.02	.07	.09	.03	.01	.02
90.0	U	-.17	-.08	0	-.01	.08	.02	.01	.02
	L	-.04	-.01	.09	.06	.08	.06	.05	.04
95.0	U	---	-.04	.04	.02	.08	.02	.02	.03
	L	---	-.02	.06	.06	.06	.07	.03	.07

TABLE VI.- CONTINUED

STAT $\alpha = 11.23$

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-1.03	-1.59	-1.81	-1.70	-0.98
0.25	U	-1.96	-1.84	-2.59	-2.47	-1.76
	L	0.18	.18	.18	.10	---
0.5	U	-1.96	-1.87	-2.38	-2.36	-1.60
	L	.22	.41	.38	.35	.44
1.0	U	-1.60	-1.67	-1.92	-1.91	-1.58
	L	.51	.45	.50	.45	.46
1.5	U	-1.53	---	-1.49	-1.53	-1.40
	L	.38	.48	.45	.41	---
2.5	U	-1.72	-1.09	-1.19	-1.25	-1.18
	L	.51	.56	.40	.40	.33
3.5	U	-1.07	-1.14	-1.06	-1.10	- .79
	L	.08	.28	.32	.30	.17
5.0	U	- .92	- .89	- .92	---	- .82
	L	0	.06	.14	.18	.12
7.5	U	- .85	- .77	- .80	- .95	- .71
	L	.03	.06	.09	.19	---
10.0	U	- .74	- .75	- .76	- .80	- .72
	L	.01	.10	.05	.20	.10
15.0	U	- .70	- .64	- .70	- .81	- .58
	L	---	- .27	0	- .06	- .16
17.5	U	- .72	---	---	---	---
	L	- .45	---	---	---	---

STAT $\alpha = 12.24$

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-1.62	-2.39	-2.70	-2.48	-1.54
0.25	U	-2.59	-2.22	-3.46	-3.24	-2.30
	L	- .07	- .03	- .06	- .14	---
0.5	U	-2.59	-2.40	-3.10	-2.98	-2.16
	L	.34	.32	.22	.24	.38
1.0	U	-2.24	-2.02	-2.23	-2.04	-1.95
	L	---	.44	.44	.38	.45
1.5	U	-1.85	---	-1.92	-1.89	-1.61
	L	.25	.49	.44	.42	---
2.5	U	-1.86	-1.30	-1.49	-1.49	-1.44
	L	.42	.44	.41	.44	.37
3.5	U	-1.25	---	-1.31	-1.29	- .94
	L	.37	.36	.33	.35	.20
5.0	U	-1.04	-1.03	-1.14	---	- .98
	L	.02	.14	.17	.22	.15
7.5	U	- .97	- .86	- .97	-1.10	- .80
	L	.04	.13	.13	.23	.18
10.0	U	- .85	- .82	- .92	- .91	- .80
	L	.03	.17	.10	.26	.18
15.0	U	- .79	- .68	- .82	- .90	- .74
	L	0	- .22	- .03	- .08	- .20
17.5	U	- .73	---	---	---	---
	L	- .07	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		-3.52	-3.67	---	---	---	---	---	---
0.25	U	-4.67	-7.00	---	---	---	---	---	---
	L	- .63	-1.30	---	---	---	---	---	---
0.5	U	-3.58	-5.14	---	---	---	---	---	---
	L	0	- .42	---	---	---	---	---	---
1.0	U	-2.58	-3.77	---	---	---	---	---	---
	L	.40	.20	---	---	---	---	---	---
1.5	U	-2.12	-2.75	---	---	---	---	---	---
	L	.50	.44	---	---	---	---	---	---
2.5	U	-1.71	-2.16	---	---	---	---	---	---
	L	.54	.58	---	---	---	---	---	---
3.5	U	-1.44	-1.56	---	---	---	---	---	---
	L	.53	.61	---	---	---	---	---	---
5.0	U	-1.18	-1.37	-1.26	-0.82	-0.38	-0.20	---	-0.72
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	- .50	- .70	- .60	- .50	---	- .82
	L	.50	.50	.40	.54	.50	.51	---	.48
7.5	U	- .93	-1.15	- .86	-1.03	- .85	- .83	---	- .96
	L	.42	- .05	.48	.50	.48	.48	---	.45
10.0	U	- .83	- .99	- .96	-1.00	- .96	- .86	---	- .92
	L	.40	---	.41	.43	.41	---	---	.22
12.5	U	---	---	- .82	- .91	- .90	- .89	---	- .76
	L	---	---	---	---	---	---	---	---
15.0	U	- .70	- .83	- .78	- .78	- .75	- .81	---	- .70
	L	---	- .09	---	---	---	---	---	---
17.5	U	- .67	- .74	- .79	-1.67	-1.76	-1.64	---	-1.92
	L	---	---	---	---	---	---	---	---
20.0	U	- .84	- .70	-1.00	- .88	- .81	- .80	-1.06	- .79
	L	.27	.28	.27	.27	.27	.24	.23	.20
30.0	U	- .56	- .57	- .68	- .60	- .55	- .60	- .60	- .60
	L	.19	.13	.17	.16	.17	.14	.11	.09
40.0	U	- .52	- .49	- .50	- .46	- .44	- .45	- .36	- .42
	L	.10	.08	.09	.12	.12	.08	- .02	.04
50.0	U	- .49	- .39	- .38	- .37	- .32	- .35	- .34	- .32
	L	---	.03	.07	.08	.08	.03	- .02	.02
60.0	U	- .40	- .50	- .26	- .22	- .20	- .25	- .25	- .23
	L	.02	.04	.05	.05	.08	.04	- .04	.03
70.0	U	- .32	- .25	- .15	- .21	- .15	- .13	- .16	- .13
	L	.03	.02	.05	.06	.05	.05	- .03	.03
73.0	U	---	---	---	---	- .13	---	- .15	- .11
	L	---	---	---	---	---	---	- .02	---
75.0	U	---	---	---	---	---	---	---	---
	L	---	---	---	---	---	---	---	---
80.0	U	- .25	- .13	- .11	- .06	- .05	- .03	- .06	- .03
	L	.02	- .02	---	.08	.09	.10	0	.02
85.0	U	---	- .13	- .08	0	- .01	- .01	- .03	- .01
	L	---	- .02	.09	.08	.09	.02	- .01	.02
90.0	U	- .18	- .14	0	0	.01	.01	- .01	.02
	L	- .04	- .03	.07	.07	.06	.06	.04	.03
95.0	U	---	- .14	.04	.03	.02	.02	.01	.03
	L	---	- .04	.06	.06	.06	.06	.04	.06

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		-4.20	-4.47	---	---	---	---	---	---
0.25	U	-5.20	-3.07	---	---	---	---	---	---
	L	- .76	- .90	---	---	---	---	---	---
0.5	U	-3.77	-2.80	---	---	---	---	---	---
	L	- .13	- .20	---	---	---	---	---	---
1.0	U	-2.90	-2.87	---	---	---	---	---	---
	L	.38	.31	---	---	---	---	---	---
1.5	U	-2.30	-1.90	---	---	---	---	---	---
	L	.81	.81	---	---	---	---	---	---
2.5	U	-1.84	-1.60	---	---	---	---	---	---
	L	.57	.62	---	---	---	---	---	---
3.5	U	-1.52	-1.81	---	---	---	---	---	---
	L	.56	.64	---	---	---	---	---	---
5.0	U	-1.26	-1.62	-1.10	-0.77	-0.35	-0.17	---	-0.74
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	- .49	- .74	- .65	- .53	---	- .85
	L	.55	.63	.41	.52	.49	.51	---	.47
7.5	U	- .98	-1.77	- .92	-1.09	- .95	- .91	---	-1.08
	L	.44	- .06	.50	.50	.47	.46	---	.46
10.0	U	- .86	-1.61	-1.03	-1.06	-1.04	- .94	---	- .98
	L	.42	---	.44	.43	.41	---	---	.23
12.5	U	---	---	- .87	- .96	- .97	- .97	---	- .80
	L	---	---	---	---	---	---	---	---
15.0	U	- .62	-1.19	---	- .61	- .80	- .86	---	- .75
	L	---	- .09	---	---	---	---	---	---
17.5	U	- .58	- .96	- .84	-1.62	-1.80	-1.76	---	-2.00
	L	---	---	---	---	---	---	---	---
20.0	U	- .69	- .88	-1.04	- .90	- .84	- .85	-1.10	- .84
	L	.28	.27	.29	.29	.29	.25	.24	.23
30.0	U	- .60	- .62	- .70	- .62	- .58	- .64	- .62	- .55
	L	---	.18	.22	.17	.20	.18	.13	.09
40.0	U	- .54	- .49	- .49	- .45	- .45	- .48	- .37	- .44
	L	.12	.14	.14	.12	.14	.10	0	.06
50.0	U	- .51	- .36	- .36	- .35	- .34	- .38	- .36	- .34
	L	---	.10	.11	.06	.09	.08	- .01	.03
60.0	U	- .42	- .30	- .26	- .21	- .23	- .25	- .27	- .26
	L	.04	.09	.08	.05	.09	.06	- .02	.04
70.0	U	- .34	- .24	- .14	- .19	- .15	- .13	- .17	- .13
	L	.05	.06	.08	.06	.06	.06	- .02	.06
73.0	U	---	---	---	---	- .13	---	- .16	- .11
	L	---	---	---	---	---	---	- .01	---
75.0	U	---	---	---	---	---	---	---	---
	L	---	---	---	---	---	---	---	---
80.0	U	- .34	- .11	- .10	- .09	- .03	- .03	- .06	- .02
	L	- .01	.08	---	.09	.10	.11	0	.03
85.0	U	---	- .10	- .10	- .05	0	- .01	- .06	0
	L	---	.01	.06	.07	.10	.02	.01	.04
90.0	U	- .18	- .06	- .02	- .06	.02	.01	- .03	.02
	L	- .02	0	.05	.06	.09	.07	.04	.07
95.0	U	---	- .04	- .02	- .01	.02	.02	0	.04
	L	---	- .01	.05	.05	.07	.07	.03	.06

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TABLE VI.- CONTINUED

SLAT α = 15.25

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-2.95	-3.34	-3.46	-3.40	-2.90
0.25	U	-3.32	---	-4.34	-3.66	-2.91
	L	- .34	.29	- .30	- .43	---
0.5	U	-3.12	-2.98	-3.64	-4.07	-3.65
	L	.23	.20	.11	.09	.29
1.0	U	-2.75	-2.37	-2.60	-2.45	-2.37
	L	---	.46	.45	.40	.44
1.5	U	-2.18	---	-2.20	-2.25	-1.80
	L	.27	.49	.45	.42	---
2.5	U	-2.20	-1.63	-1.67	-1.74	-1.55
	L	.46	.47	.44	.46	.40
3.5	U	-1.44	-1.46	-1.46	-1.50	-1.13
	L	.40	.39	.34	.39	.22
5.0	U	-1.20	-1.17	-1.24	---	-1.10
	L	.21	.32	.23	.27	.18
7.5	U	-1.06	- .97	-1.05	-1.05	- .92
	L	.13	.17	.20	.28	---
10.0	U	- .94	- .90	- .98	-1.03	- .89
	L	.14	.23	.19	.21	.23
15.0	U	- .84	- .76	- .86	- .99	- .81
	L	---	- .32	0	- .08	- .23
17.5	U	- .83	---	---	---	---
	L	- .52	---	---	---	---

SLAT α = 14.26

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-2.96	-4.40	-4.67	-4.47	-2.97
0.25	U	-4.20	-3.72	-5.34	-5.00	-3.60
	L	- .60	- .59	- .72	- .82	---
0.5	U	-3.80	-3.55	-4.84	-4.54	-3.20
	L	.01	.06	- .14	- .15	.15
1.0	U	-3.03	-2.75	-3.02	-2.96	-2.63
	L	---	.42	.36	.35	.38
1.5	U	-2.51	---	-2.50	-2.62	-2.17
	L	.27	.50	.41	.44	---
2.5	U	-2.40	-1.71	-1.85	-2.00	-1.86
	L	.47	.49	.44	.49	.40
3.5	U	-1.60	-1.60	-1.63	-1.70	-1.21
	L	.43	.43	.39	.46	.29
5.0	U	-1.23	-1.26	-1.37	---	-1.22
	L	.23	.24	.26	.30	.21
7.5	U	-1.17	-1.05	-1.15	-1.40	-1.06
	L	.18	.22	.24	.32	---
10.0	U	-1.01	- .96	-1.05	-1.10	-1.00
	L	.19	.28	.26	.35	.28
15.0	U	- .91	- .81	- .90	-1.04	- .90
	L	---	- .34	- .08	- .13	- .28
17.5	U	- .88	---	---	---	---
	L	- .58	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		-4.87	-4.20	---	---	---	---	---	---
0.25	U	-5.87	-2.31	---	---	---	---	---	---
	L	-1.16	-1.37	---	---	---	---	---	---
0.5	U	-3.77	-1.82	---	---	---	---	---	---
	L	- .32	- .30	---	---	---	---	---	---
1.0	U	-3.01	-1.62	---	---	---	---	---	---
	L	.26	.25	---	---	---	---	---	---
1.5	U	-2.52	-1.64	---	---	---	---	---	---
	L	.42	.49	---	---	---	---	---	---
2.5	U	-2.01	-1.62	---	---	---	---	---	---
	L	.50	.62	---	---	---	---	---	---
3.5	U	---	-1.62	---	---	---	---	---	---
	L	.54	.63	---	---	---	---	---	---
5.0	U	-1.37	-1.65	-1.07	-0.75	-0.53	-0.13	---	-0.76
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	- .52	- .79	- .71	- .53	---	- .98
	L	.53	.63	.41	.53	.49	.51	---	.50
7.5	U	-1.09	-1.68	-1.00	-1.17	-1.04	- .98	---	-1.11
	L	.47	- .05	.49	.51	.48	.49	---	.47
10.0	U	- .96	-1.72	-1.19	-1.18	-1.19	-1.00	---	-1.04
	L	.44	---	.44	.44	.40	---	---	.23
12.5	U	---	---	- .94	-1.02	-1.04	-1.03	---	- .87
	L	---	---	---	---	---	---	---	---
15.0	U	- .81	-1.65	---	- .86	- .86	- .92	---	- .78
	L	---	---	---	---	---	---	---	---
17.5	U	- .76	-1.18	- .90	-1.70	-1.91	-1.86	---	-1.67
	L	---	---	---	---	---	---	---	---
20.0	U	- .73	-1.04	-1.11	- .93	- .90	- .89	-1.15	- .87
	L	.31	.28	.30	.32	.29	.28	.27	.25
30.0	U	- .63	- .69	- .70	- .64	- .61	- .55	- .64	- .56
	L	.22	.20	.22	.20	.20	.19	.16	.12
40.0	U	- .56	- .53	- .52	- .46	- .48	- .49	- .36	- .45
	L	.14	.14	.14	.15	.15	.13	.03	.08
50.0	U	- .53	- .41	- .38	- .34	- .35	- .37	- .38	- .34
	L	---	.12	.11	.11	.11	.08	.02	.08
60.0	U	- .43	- .31	- .26	- .20	- .22	- .22	- .27	- .26
	L	.05	.09	.08	.07	.06	.06	.01	.07
70.0	U	- .34	- .25	- .15	- .19	- .15	- .12	- .17	- .13
	L	---	.06	.06	.06	.06	.06	.01	.06
75.0	U	---	---	---	---	- .12	---	- .16	- .11
	L	---	---	---	---	---	---	.01	---
75.0	U	---	---	---	---	---	---	---	---
	L	---	---	---	---	---	---	---	---
80.0	U	- .26	- .11	- .10	- .10	- .04	- .04	- .08	- .04
	L	.01	.03	---	.08	.11	.12	.01	.03
85.0	U	---	- .12	- .09	- .07	- .01	- .01	- .05	- .01
	L	---	.02	.10	.07	.10	.04	.02	.03
90.0	U	- .18	- .08	- .01	- .06	.01	.01	- .04	.01
	L	- .01	.02	.08	.06	.09	.07	.04	.04
95.0	U	---	- .05	.01	- .04	.02	.02	- .02	.02
	L	---	0	.07	.04	.06	.07	.03	.06

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		-6.27	-1.74	---	---	---	---	---	---
0.25	U	-7.20	-3.13	---	---	---	---	---	---
	L	-1.73	- .91	---	---	---	---	---	---
0.5	U	-5.67	-1.60	---	---	---	---	---	---
	L	- .64	- .27	---	---	---	---	---	---
1.0	U	-5.58	-1.50	---	---	---	---	---	---
	L	.14	.25	---	---	---	---	---	---
1.5	U	-2.86	-1.48	---	---	---	---	---	---
	L	.40	.47	---	---	---	---	---	---
2.5	U	-2.26	-1.50	---	---	---	---	---	---
	L	.54	.60	---	---	---	---	---	---
3.5	U	-1.88	-1.53	---	---	---	---	---	---
	L	.59	.60	---	---	---	---	---	---
5.0	U	-1.54	-1.56	-0.99	-0.74	-0.32	-0.11	---	-0.80
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	- .50	- .81	- .77	- .54	---	- .99
	L	.59	.60	.44	.52	.49	.54	---	.49
7.5	U	-1.20	-1.61	-1.00	-1.21	-1.12	-1.01	---	-1.20
	L	.52	- .07	.53	.50	.47	.51	---	.48
10.0	U	-1.04	-1.59	-1.12	-1.16	-1.19	-1.04	---	-1.12
	L	.49	---	.47	.44	.42	---	---	.24
12.5	U	---	---	- .95	-1.04	-1.10	-1.08	---	- .98
	L	---	---	---	---	---	---	---	---
15.0	U	- .85	-1.40	- .90	- .88	- .90	- .94	---	- .83
	L	---	- .14	---	---	---	---	---	---
17.5	U	- .80	-1.27	- .89	-1.74	-1.79	-1.94	---	-2.17
	L	---	---	---	---	---	---	---	---
20.0	U	- .78	-1.16	-1.13	- .93	- .95	- .91	-1.23	- .92
	L	.37	.31	.31	.31	.31	.32	.26	.27
30.0	U	- .66	- .76	- .70	- .65	- .64	- .66	- .69	- .58
	L	.26	.22	.27	.20	.21	.23	.17	.14
40.0	U	- .56	- .57	- .51	- .44	- .49	- .49	- .40	- .47
	L	.19	.17	.19	.14	.17	.17	.03	.10
50.0	U	- .53	- .44	- .37	- .33	- .35	- .36	- .40	- .34
	L	---	.13	.16	.09	.12	.12	.03	.07
60.0	U	- .44	- .34	- .28	- .19	- .21	- .21	- .30	- .27
	L	.08	.10	.12	.06	.10	.10	0	.08
70.0	U	- .35	- .27	- .14	- .18	- .14	- .10	- .20	- .13
	L	.06	.07	.11	.07	.07	.10	- .01	.05
75.0	U	---	---	---	---	- .12	---	- .18	- .12
	L	---	---	---	---	---	---	0	---
75.0	U	---	---	---	---	---	---	---	---
	L	---	---	---	---	---	---	---	---
80.0	U	- .28	- .10	- .08	- .11	- .05	- .04	- .10	- .04
	L	.03	.05	---	.08	.10	.11	.01	.02
85.0	U	---	- .11	- .12	- .10	- .03	- .02	- .07	- .01
	L	---	.04	.09	.06	.09	.03	.02	.05
90.0	U	- .18	- .08	- .06	- .09	- .01	0	- .04	.01
	L	0	.02	.07	.04	.07	.06	.03	.06
95.0	U	---	- .05	- .04	- .07	.01	0	- .02	.02
	L	---	.01	.06	.01	.06	.06	.02	.07

NACA

TABLE VI.- CONTINUED

SIAT α = 16.23

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-5.52	-5.67	-6.20	-6.00	-4.60
0.25	U	-4.73	-4.67	-6.60	-6.20	-5.00
	L	-1.06	---	-1.19	-1.57	---
0.5	U	-4.27	-4.20	-5.34	-5.20	-4.20
	L	- .13	.24	- .41	- .48	.30
1.0	U	-3.27	-3.24	-3.59	-3.51	-3.30
	L	---	.29	.25	.19	.30
1.5	U	-2.79	---	-3.00	-3.07	-2.60
	L	.23	.43	---	.37	---
2.5	U	-2.55	-1.96	-2.25	-2.20	-2.20
	L	.43	.46	.44	.48	.40
3.5	U	-1.74	-1.80	-1.91	-1.93	-1.54
	L	.41	.33	.42	.46	.27
5.0	U	-1.44	-1.44	-1.60	---	-1.43
	L	.16	.24	.32	.35	.25
7.5	U	-1.24	-1.17	-1.32	-1.61	-1.17
	L	.19	.24	.31	.38	---
10.0	U	-1.08	-1.07	-1.19	-1.22	-1.09
	L	.18	.35	.32	.40	.36
15.0	U	- .95	- .86	-1.01	-1.12	- .96
	L	---	- .30	0	- .14	- .32
17.5	U	- .92	---	---	---	---
	L	- .84	---	---	---	---

SIAT α = 17.24

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-5.87	-6.13	-7.14	-7.14	-5.34
0.25	U	-4.94	-4.87	-7.07	-7.07	-5.80
	L	-1.20	-1.24	-1.48	-1.78	---
0.5	U	-4.47	-4.47	-5.87	-5.87	-4.74
	L	- .20	- .32	- .60	- .74	- .35
1.0	U	-3.32	-3.37	-3.93	-3.93	-3.93
	L	---	.26	.18	.08	.22
1.5	U	-2.89	---	-3.24	-3.38	-3.86
	L	.20	.42	.32	.34	---
2.5	U	-2.61	-2.01	-2.40	-2.52	-2.40
	L	.42	.46	.40	.48	.43
3.5	U	-1.79	-1.84	-2.03	-2.00	-1.70
	L	.42	.44	.44	.48	.28
5.0	U	-1.48	-1.47	-1.71	---	-1.55
	L	.26	.26	.35	.38	.30
7.5	U	-1.27	-1.19	-1.41	---	-1.28
	L	.21	.26	.34	.41	---
10.0	U	-1.10	-1.08	-1.25	-1.30	-1.16
	L	.20	.37	.34	.44	.39
15.0	U	- .95	- .87	-1.06	-1.18	-1.02
	L	---	- .33	0	- .15	- .34
17.5	U	- .83	---	---	---	---
	L	- .59	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		-6.20	-1.71	---	---	---	---	---	---
0.25	U	-9.16	-1.03	---	---	---	---	---	---
	L	-2.60	- .44	---	---	---	---	---	---
0.5	U	-6.20	- .97	---	---	---	---	---	---
	L	-1.20	- .03	---	---	---	---	---	---
1.0	U	-4.47	- .94	---	---	---	---	---	---
	L	- .14	.33	---	---	---	---	---	---
1.5	U	-3.46	- .95	---	---	---	---	---	---
	L	.25	.46	---	---	---	---	---	---
2.5	U	-2.64	- .91	---	---	---	---	---	---
	L	.48	.58	---	---	---	---	---	---
3.5	U	-2.18	- .90	---	---	---	---	---	---
	L	.57	.59	---	---	---	---	---	---
5.0	U	-1.54	- .91	-0.98	-0.70	-0.28	-0.13	---	-0.85
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	- .49	- .80	- .77	- .59	---	-1.06
	L	.60	.60	.42	.49	.49	.50	---	.45
7.5	U	-1.44	- .91	-1.01	-1.15	-1.14	-1.08	---	-1.29
	L	.56	- .05	.50	.44	.48	.49	---	.44
10.0	U	-1.21	- .92	-1.12	-1.11	-1.20	-1.12	---	-1.19
	L	.56	---	.46	.44	.45	---	---	.22
12.5	U	---	---	- .44	-1.09	-1.10	-1.15	---	- .99
	L	---	---	---	---	---	---	---	---
15.0	U	- .98	- .94	---	- .84	- .88	-1.10	---	- .88
	L	---	- .10	---	---	---	---	---	---
17.5	U	- .93	- .94	- .85	-1.58	-1.80	-2.09	---	-2.25
	L	---	---	---	---	---	---	---	---
20.0	U	- .89	- .93	-1.04	- .88	- .92	- .95	-1.21	- .97
	L	.42	.31	.32	.34	.34	.38	.33	.29
30.0	U	- .75	- .89	- .62	- .57	- .58	- .68	- .67	- .62
	L	.34	.22	.29	.21	.25	.23	.21	.14
40.0	U	- .68	- .81	- .44	- .38	- .42	- .49	- .39	- .49
	L	.24	.18	.20	.15	.19	.16	.09	.10
50.0	U	- .65	- .71	- .32	- .32	- .28	- .34	- .38	- .36
	L	---	.13	.16	.06	.13	.11	.08	.07
60.0	U	- .52	- .59	- .26	- .29	- .19	- .21	- .27	- .27
	L	.12	.11	.12	.05	.11	.10	.05	.07
70.0	U	- .42	- .48	- .22	- .30	- .15	- .11	- .17	- .14
	L	.10	.07	.10	.03	.06	.10	.04	.06
73.0	U	---	---	---	---	- .14	---	- .16	- .13
	L	---	---	---	---	---	---	.03	---
75.0	U	---	---	---	---	---	---	---	---
	L	---	---	---	---	---	---	---	---
80.0	U	- .30	- .18	- .19	- .21	- .11	- .05	- .11	- .04
	L	.06	.04	---	.03	.06	.10	.01	.04
85.0	U	---	---	- .20	- .26	- .10	- .05	- .08	- .01
	L	---	---	.06	0	.07	0	.01	.06
90.0	U	- .22	- .18	- .16	- .26	- .10	- .03	- .07	.01
	L	.02	0	.04	- .04	.06	.04	.04	.06
95.0	U	---	- .12	- .14	- .24	- .08	- .02	- .04	.03
	L	---	- .02	.02	- .06	0	.05	.01	.06

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		-7.54	-1.36	---	---	---	---	---	---
0.25	U	-10.40	- .94	---	---	---	---	---	---
	L	-2.81	- .40	---	---	---	---	---	---
0.5	U	-6.67	- .90	---	---	---	---	---	---
	L	-1.44	0	---	---	---	---	---	---
1.0	U	-4.20	- .86	---	---	---	---	---	---
	L	- .22	.33	---	---	---	---	---	---
1.5	U	-3.68	- .87	---	---	---	---	---	---
	L	.23	.47	---	---	---	---	---	---
2.5	U	-2.85	- .85	---	---	---	---	---	---
	L	.59	.68	---	---	---	---	---	---
3.5	U	-2.40	- .84	---	---	---	---	---	---
	L	.63	.60	---	---	---	---	---	---
5.0	U	-2.05	- .83	-1.00	-0.71	-0.32	-0.15	---	-0.93
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	- .53	- .80	- .85	- .64	---	-1.17
	L	.66	.50	.38	-1.49	.47	.49	---	.44
7.5	U	-1.59	- .84	-1.06	-1.09	-1.24	-1.16	---	-1.40
	L	.54	- .10	.45	.49	.46	.49	---	.43
10.0	U	-1.29	- .85	-1.10	-1.18	-1.29	-1.19	---	-1.30
	L	.62	---	.44	.43	.43	---	---	.19
12.5	U	---	---	- .97	-1.00	-1.18	-1.22	---	-1.08
	L	---	---	---	---	---	---	---	---
15.0	U	-1.07	- .87	---	.84	- .96	-1.07	---	- .97
	L	---	- .15	---	---	---	---	---	---
17.5	U	-1.01	- .86	- .90	-1.67	-1.93	-2.06	---	-2.40
	L	---	---	---	---	---	---	---	---
20.0	U	- .97	- .86	-1.03	- .89	- .99	-1.00	-1.30	-1.06
	L	.48	.31	.34	.31	.33	.32	.31	.26
30.0	U	- .83	- .84	- .60	- .56	- .64	- .72	- .72	- .67
	L	.37	.24	.24	.21	.23	.24	.20	.13
40.0	U	- .74	- .81	- .44	- .40	- .47	- .53	- .42	- .53
	L	.28	.18	.17	.14	.17	.17	.06	.06
50.0	U	- .67	- .76	- .34	- .38	- .32	- .36	- .41	- .39
	L	---	.13	.12	.09	.11	.11	.07	.05
60.0	U	- .58	- .69	- .26	- .32	- .24	- .23	- .30	- .28
	L	.15	.11	.09	.04	.10	.09	.04	.04
70.0	U	- .45	- .61	- .23	- .31	- .21	- .13	- .20	- .16
	L	.11	.05	.06	.04	.05	.06	.03	.04
73.0	U	---	---	---	---	- .20	---	- .19	- .14
	L	---	---	---	---	---	---	.03	---
75.0	U	---	---	---	---	---	---	---	---
	L	---	---	---	---	---	---	---	---
80.0	U	- .33	- .23	- .21	- .26	- .14	- .06	- .14	- .03
	L	.06	.02	---	.01	.09	.10	0	.05
85.0	U	---	- .40	- .25	- .31	- .12	- .06	- .11	- .02
	L	---	0	.05	- .03	.07	.02	.01	.06
90.0	U	- .25	- .31	- .22	- .32	- .11	- .04	- .08	0
	L	.02	- .05	.02	- .06	.06	.05	.03	.06
95.0	U	---	- .25	- .19	- .29	- .09	- .03	- .06	.02
	L	---	- .06	- .02	- .12	0	.04	0	.07

NACA

TABLE VI.- CONTINUED

SLAT α = 18.24

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-4.40	-6.93	-6.00	-8.20	-6.20
0.25	U	-5.47	-5.40	-6.14	-7.93	-6.47
	L	-1.46	---	-1.86	-2.19	---
0.5	U	-4.94	-4.87	-5.40	-6.67	-5.20
	L	- .33	- .48	- .82	- .98	- .42
1.0	U	-3.64	-3.55	-4.40	-5.27	-4.20
	L	---	.20	.09	- .03	.14
1.5	U	-3.09	---	-3.56	-5.27	-3.12
	L	.21	---	.25	.20	---
2.5	U	-1.87	-2.14	-2.61	-2.73	-2.37
	L	.46	.47	.42	.47	.45
3.5	U	-1.54	-1.93	-2.22	-2.27	-1.83
	L	.46	.45	.45	.49	.31
5.0	U	-1.31	-1.53	-1.88	---	-1.65
	L	.31	.29	.38	.40	.33
7.5	U	-1.12	-1.24	-1.58	-1.89	-1.34
	L	.26	.29	---	.45	---
10.0	U	-1.06	-1.10	-1.34	-1.39	-1.22
	L	.25	.41	.36	.49	.40
15.0	U	- .97	- .89	-1.10	-1.23	-1.06
	L	---	- .32	.01	- .17	- .35
17.5	U	- .93	---	---	---	---
	L	- .38	---	---	---	---

SLAT α = 19.19

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-5.00	-7.94	-9.47	-9.47	-7.14
0.25	U	-6.00	-6.07	-6.80	-8.60	-7.32
	L	-1.75	-1.86	-2.29	-2.70	---
0.5	U	-5.40	-5.33	-7.14	-7.14	-5.73
	L	- .49	- .68	-1.10	-1.34	- .64
1.0	U	-3.90	-3.89	-4.74	-4.76	-4.67
	L	---	.11	- .02	- .28	.04
1.5	U	-2.64	---	-3.99	-3.94	-3.38
	L	.18	.33	.21	.18	---
2.5	U	---	-2.27	-2.82	-2.98	-2.76
	L	.42	.45	.40	.39	.42
3.5	U	-1.95	-2.01	-2.39	-2.49	-2.01
	L	.42	.45	.46	.44	.31
5.0	U	-1.60	-1.88	-1.98	---	-1.79
	L	.24	.30	.34	.36	.36
7.5	U	-1.34	-1.29	-1.62	-2.11	-1.44
	L	.27	.32	---	.48	.39
10.0	U	-1.16	-1.16	-1.36	-1.52	-1.30
	L	.29	.41	.32	.46	.38
15.0	U	-1.00	- .91	-1.16	-1.34	-1.12
	L	---	- .33	- .06	.23	- .37
17.5	U	- .95	---	---	---	---
	L	- .60	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		-10.13	-0.89	---	---	---	---	---	---
0.25	U	-11.00	-1.33	---	---	---	---	---	---
	L	-3.81	- .46	---	---	---	---	---	---
0.5	U	-7.07	- .95	---	---	---	---	---	---
	L	-1.81	- .07	---	---	---	---	---	---
1.0	U	-4.87	- .67	---	---	---	---	---	---
	L	- .44	.28	---	---	---	---	---	---
1.5	U	-3.93	- .85	---	---	---	---	---	---
	L	.09	.45	---	---	---	---	---	---
2.5	U	-3.06	- .86	---	---	---	---	---	---
	L	.42	.57	---	---	---	---	---	---
3.5	U	-2.69	- .86	---	---	---	---	---	---
	L	.56	.37	---	---	---	---	---	---
5.0	U	-2.35	- .86	-0.92	-0.74	-0.33	-0.15	---	-0.96
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	- .46	- .64	- .89	- .66	---	-1.22
	L	.63	.37	.39	.49	.47	.50	---	.46
7.5	U	-1.79	- .87	-1.00	-1.23	-1.29	-1.20	---	-1.47
	L	.64	- .13	.48	.49	.47	.50	---	.46
10.0	U	-1.44	- .88	-1.10	-1.17	-1.34	-1.23	---	-1.25
	L	.62	---	.45	.45	.44	---	---	.21
12.5	U	---	---	- .90	-1.04	-1.22	-1.25	---	-1.18
	L	---	---	---	---	---	---	---	---
15.0	U	-1.22	- .89	---	- .87	-1.02	-1.09	---	-1.00
	L	---	- .17	---	---	---	---	---	---
17.5	U	-1.17	- .87	- .66	-1.60	-2.07	-2.17	---	-2.48
	L	---	---	---	---	---	---	---	---
20.0	U	-1.06	- .85	-1.02	- .90	-1.01	-1.03	-1.35	-1.08
	L	.49	.38	.27	.33	.34	.34	.34	.28
30.0	U	- .89	- .85	- .60	- .59	- .65	- .74	- .73	- .69
	L	.39	.23	.18	.22	.25	.28	.23	.15
40.0	U	- .77	- .83	- .43	- .42	- .46	- .53	- .42	- .45
	L	.29	.17	.14	.16	.19	.17	.10	.12
50.0	U	- .70	- .81	- .34	- .39	- .33	- .37	- .41	- .39
	L	---	.13	.10	.10	.13	.12	.08	.06
60.0	U	- .59	- .73	- .30	- .36	- .26	- .23	- .30	- .28
	L	.16	.10	.08	.05	.10	.10	.08	.07
70.0	U	- .47	- .68	- .28	- .37	- .24	- .14	- .20	- .16
	L	.12	.05	.06	.03	.06	.08	.04	.05
73.0	U	---	---	---	---	- .24	---	- .18	- .15
	L	---	---	---	---	---	---	.05	---
75.0	U	---	---	---	---	---	---	---	---
	L	---	---	---	---	---	---	---	---
80.0	U	- .35	- .26	- .24	- .27	- .17	- .07	- .16	- .05
	L	.07	.02	---	.01	.09	.11	0	.04
85.0	U	---	- .45	- .33	- .32	- .16	- .06	- .12	- .03
	L	---	- .01	.02	- .03	.06	.03	0	.05
90.0	U	- .27	- .36	- .29	- .33	- .14	- .05	- .10	- .02
	L	.03	- .04	- .03	- .07	.05	.05	.02	.05
95.0	U	---	- .26	- .22	- .31	- .12	- .04	- .06	0
	L	---	- .07	- .06	- .15	0	.03	- .02	.06

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		-10.80	-1.29	---	---	---	---	---	---
0.25	U	-11.82	- .97	---	---	---	---	---	---
	L	-3.59	- .51	---	---	---	---	---	---
0.5	U	-7.60	- .93	---	---	---	---	---	---
	L	-1.98	- .11	---	---	---	---	---	---
1.0	U	-7.13	- .89	---	---	---	---	---	---
	L	- .49	.26	---	---	---	---	---	---
1.5	U	-4.07	- .86	---	---	---	---	---	---
	L	.07	.42	---	---	---	---	---	---
2.5	U	-3.20	- .88	---	---	---	---	---	---
	L	.44	.53	---	---	---	---	---	---
3.5	U	-2.88	- .88	---	---	---	---	---	---
	L	.58	.55	---	---	---	---	---	---
5.0	U	-2.60	- .88	-0.93	-0.76	-0.35	-0.16	---	-1.01
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	- .49	- .85	- .82	- .69	---	-1.29
	L	.65	.37	.38	.48	.47	.49	---	.44
7.5	U	-2.06	- .89	-1.06	-1.27	-1.36	-1.24	---	-1.56
	L	.68	.16	.48	.49	.47	.51	---	.44
10.0	U	-1.64	- .90	-1.15	-1.18	-1.39	-1.26	---	-1.44
	L	.66	---	.46	.45	---	---	---	.60
12.5	U	---	---	- .98	-1.04	-1.26	-1.30	---	-1.18
	L	---	---	---	---	---	---	---	---
15.0	U	-1.48	- .91	---	- .86	-1.08	-1.13	---	-1.06
	L	---	- .20	---	---	---	---	---	---
17.5	U	-1.39	- .84	- .92	-1.60	-2.12	-2.26	---	-2.57
	L	---	---	---	---	---	---	---	---
20.0	U	-1.21	- .84	-1.00	- .90	-1.05	-1.05	-1.57	-1.14
	L	.51	.33	.35	.35	.35	.35	.35	.29
30.0	U	- .96	- .83	- .60	- .59	- .68	- .75	- .76	- .71
	L	.41	.24	.28	.24	.26	.26	.24	.15
40.0	U	- .80	- .81	- .43	- .42	- .48	- .54	- .43	- .55
	L	.30	.18	.20	.17	.19	.19	.11	.12
50.0	U	- .74	- .78	- .34	- .39	- .34	- .38	- .42	- .40
	L	---	.13	.15	.11	.14	.14	.09	.09
60.0	U	- .61	- .75	- .30	- .38	- .28	- .24	- .30	- .28
	L	.17	.10	.11	.06	.11	.11	.06	.07
70.0	U	- .51	- .71	- .29	- .38	- .27	- .14	- .20	- .16
	L	.12	.05	.07	.04	.03	.09	.04	.06
73.0	U	---	---	---	---	- .26	---	- .16	- .15
	L	---	---	---	---	---	---	.04	---
75.0	U	---	---	---	---	---	---	---	---
	L	---	---	---	---	---	---	---	---
80.0	U	- .39	- .29	- .32	- .30	- .20	- .08	- .16	- .07
	L	.07	0	---	.01	.08	.12	0	.05
85.0	U	---	- .34	- .34	- .35	- .18	- .07	- .14	- .06
	L	---	- .02	.03	- .03	.07	.03	0	.06
90.0	U	- .30	- .47	- .31	- .36	- .16	- .06	- .15	- .04
	L	.01	- .06	- .02	- .09	.04	.05	.01	.06
95.0	U	---	- .40	- .28	- .34	- .15	- .06	- .11	- .02
	L	---	- .12	- .06	- .14	- .02	.03	- .02	.05

NACA

TABLE VI.- CONTINUED

SLAT α = 20.16

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-5.75	-9.07	-10.80	-10.74	-7.07
0.25	U	-6.67	-6.87	-10.54	-9.47	-6.80
	L	-2.06	-2.20	-2.61	-3.16	---
0.5	U	-5.87	-4.80	-7.67	-7.60	-5.47
	L	- .65	- .87	-1.44	-1.65	- .78
1.0	U	-4.27	-4.27	-5.40	-4.94	-4.52
	L	.15	.03	- .16	- .36	- .06
1.5	U	-3.40	---	-4.20	---	---
	L	.17	.29	.12	.21	---
2.5	U	-2.90	-2.38	-3.03	-3.14	-2.94
	L	.40	.46	.38	.27	.39
3.5	U	-2.03	-2.09	-2.57	-2.81	-2.24
	L	.43	.45	.45	.45	.29
5.0	U	-1.67	-1.89	-2.15	---	-2.08
	L	.26	.35	.40	.44	.35
7.5	U	-1.38	-1.33	-1.75	-2.63	-1.70
	L	.29	.35	---	.45	---
10.0	U	-1.20	-1.18	-1.51	-1.88	-1.49
	L	.30	.43	.37	.50	.53
15.0	U	-1.02	- .93	-1.22	-1.39	-1.20
	L	---	.34	- .03	- .27	- .43
17.5	U	- .97	---	---	---	---
	L	- .23	---	---	---	---

SLAT α = 24.14

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-6.33	-10.14	-11.60	-4.54	-4.94
0.25	U	-7.20	-7.60	-11.40	-3.26	-4.27
	L	-2.37	-1.66	-3.12	-1.75	---
0.5	U	-6.27	-6.27	-8.20	-3.27	-3.67
	L	- .80	-1.08	-1.64	- .82	- .60
1.0	U	-4.54	-4.54	-5.73	-3.34	-3.32
	L	.18	- .06	- .23	.01	- .03
1.5	U	---	---	-4.40	-3.38	-3.02
	L	.17	.23	- .24	- .32	---
2.5	U	-2.96	-2.53	-3.17	-3.34	-2.61
	L	.39	.44	.37	.48	0
3.5	U	-2.10	-2.21	-2.69	-3.34	-2.34
	L	.44	.47	.46	.52	.26
5.0	U	-1.71	-1.77	-2.27	---	-2.13
	L	.29	.36	.43	.47	.32
7.5	U	-1.48	-1.40	-1.83	-3.32	-1.61
	L	.33	.37	.40	.52	---
10.0	U	-1.23	-1.24	-1.57	-2.42	-1.53
	L	.34	.42	.40	.34	.34
15.0	U	-1.04	- .97	-1.24	-1.57	-1.24
	L	---	- .36	- .03	- .32	- .45
17.5	U	- .96	---	---	---	---
	L	- .84	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		-11.67	-1.23	---	---	---	---	---	---
0.25	U	-10.94	- .93	---	---	---	---	---	---
	L	-3.61	- .54	---	---	---	---	---	---
0.5	U	-8.66	- .89	---	---	---	---	---	---
	L	-1.67	- .14	---	---	---	---	---	---
1.0	U	-4.54	- .86	---	---	---	---	---	---
	L	- .42	.24	---	---	---	---	---	---
1.5	U	-4.47	- .86	---	---	---	---	---	---
	L	.13	.41	---	---	---	---	---	---
2.5	U	-3.22	- .86	---	---	---	---	---	---
	L	.48	.54	---	---	---	---	---	---
3.5	U	-3.16	- .84	---	---	---	---	---	---
	L	.61	.57	---	---	---	---	---	---
5.0	U	-2.95	- .84	-0.90	-0.78	-0.34	-0.16	---	-1.06
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	- .47	- .85	- .97	- .71	---	-1.35
	L	.68	.58	.37	.49	.45	.49	---	.44
7.5	U	-2.43	- .86	-1.06	-1.27	-1.41	-1.29	---	-1.68
	L	---	- .14	.47	.50	.47	.51	---	.44
10.0	U	-2.00	- .88	-1.14	-1.19	-1.44	-1.31	---	-1.46
	L	.67	---	.45	.47	.46	---	---	.19
12.5	U	---	---	- .94	-1.04	-1.51	-1.33	---	-1.18
	L	---	---	---	---	---	---	---	---
15.0	U	-1.71	- .89	---	- .87	-1.03	-1.15	---	-1.06
	L	---	- .17	---	---	---	---	---	---
17.5	U	-1.59	- .86	- .88	-1.60	-2.14	-2.30	---	-2.54
	L	---	---	---	---	---	---	---	---
20.0	U	-1.41	- .84	-1.06	- .91	-1.07	-1.06	-1.40	-1.13
	L	.52	.34	.34	.37	.37	.37	.36	.30
30.0	U	-1.06	- .83	- .82	- .89	- .49	- .76	- .77	- .71
	L	.42	.23	.29	.25	.28	.26	.26	.17
40.0	U	- .90	- .82	- .45	- .44	- .49	- .54	- .44	- .54
	L	.32	.18	.22	.19	.21	.21	.11	.14
50.0	U	- .80	- .80	- .37	- .42	- .33	- .39	- .43	- .38
	L	---	.14	.16	.15	.15	.15	.09	.10
60.0	U	- .68	- .78	- .34	- .42	- .29	- .24	- .31	- .26
	L	.16	.09	.12	.07	.12	.13	.06	.06
70.0	U	- .57	- .76	- .32	- .41	- .28	- .16	- .22	- .18
	L	.13	.02	.06	.06	.07	.10	.03	.06
73.0	U	---	---	---	---	- .27	---	- .21	- .15
	L	---	---	---	---	---	---	.03	---
75.0	U	---	---	---	---	---	---	---	---
	L	---	---	---	---	---	---	---	---
80.0	U	- .47	- .37	- .36	- .33	- .21	- .09	- .17	- .08
	L	.08	.05	---	.01	.10	.11	0	.05
85.0	U	---	- .66	- .37	- .37	- .19	- .06	- .17	- .07
	L	---	- .08	.03	- .04	.08	.03	0	.05
90.0	U	- .38	- .61	- .34	- .38	- .18	- .07	- .15	- .06
	L	0	- .14	- .02	- .08	.03	.06	.01	.04
95.0	U	---	- .56	- .31	- .35	- .16	- .06	- .13	- .04
	L	---	- .22	- .06	- .15	.02	.03	- .03	.04

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		-7.07	-1.21	---	---	---	---	---	---
0.25	U	-5.73	- .93	---	---	---	---	---	---
	L	---	- .59	---	---	---	---	---	---
0.5	U	-3.74	- .89	---	---	---	---	---	---
	L	-1.45	- .16	---	---	---	---	---	---
1.0	U	-3.50	- .86	---	---	---	---	---	---
	L	- .22	.20	---	---	---	---	---	---
1.5	U	-3.27	- .86	---	---	---	---	---	---
	L	.21	.38	---	---	---	---	---	---
2.5	U	-2.96	- .85	---	---	---	---	---	---
	L	.50	.53	---	---	---	---	---	---
3.5	U	-2.63	- .85	---	---	---	---	---	---
	L	.52	.56	---	---	---	---	---	---
5.0	U	-2.54	- .85	-0.92	-0.83	-0.35	-0.22	---	-1.04
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	- .48	- .67	-1.00	- .81	---	-1.33
	L	.67	.57	.48	.48	.47	.52	---	.43
7.5	U	-2.31	- .86	-1.08	-1.31	-1.36	-1.44	---	-1.67
	L	.67	- .15	.47	.50	.48	.53	---	.45
10.0	U	-2.08	- .88	-1.18	-1.21	-1.38	-1.40	---	-1.25
	L	.67	---	.45	.45	.46	---	---	.19
12.5	U	---	---	-1.00	-1.06	-1.33	-1.41	---	- .96
	L	---	---	---	---	---	---	---	---
15.0	U	-1.77	- .89	---	- .79	-1.09	-1.22	---	- .84
	L	---	- .19	---	---	---	---	---	---
17.5	U	-1.67	- .83	- .88	-1.59	-2.18	-2.40	---	-1.81
	L	---	---	---	---	---	---	---	---
20.0	U	-1.48	- .81	-1.01	- .90	-1.09	-1.13	- .92	- .81
	L	.52	.36	.36	.37	.36	.38	.37	.29
30.0	U	-1.19	- .81	- .60	- .59	- .69	- .80	- .60	- .61
	L	.42	.27	.30	.27	.29	.29	.27	.18
40.0	U	- .99	- .80	- .44	- .44	- .80	- .58	- .49	- .54
	L	.32	.20	.22	.20	.23	.22	.13	.13
50.0	U	- .86	- .78	- .36	- .43	- .37	- .41	- .43	- .47
	L	.22	.16	.17	.14	.18	.16	.10	.09
60.0	U	- .73	- .76	- .34	- .42	- .31	- .38	- .38	- .42
	L	.15	.11	.12	.08	.14	.14	.06	.07
70.0	U	- .63	- .74	- .35	- .42	- .28	- .19	- .34	- .36
	L	.12	.04	.09	.08	.06	.11	.03	.04
73.0	U	---	---	---	---	- .28	---	---	- .34
	L	---	---	---	---	---	---	.08	---
75.0	U	---	---	---	---	---	---	---	---
	L	---	---	---	---	---	---	---	---
80.0	U	- .51	- .41	- .37	- .38	- .23	- .14	- .34	- .28
	L	.04	- .07	---	.01	.09	.10	- .04	.02
85.0	U	---	- .71	- .42	- .39	- .22	- .13	- .33	- .21
	L	---	- .19	.01	- .04	.06	.01	- .06	- .01
90.0	U	.43	- .66	- .37	- .40	- .21	- .12	- .33	- .17
	L	.07	- .17	- .04	- .09	.02	.02	- .06	0
95.0	U	---	- .64	- .34	- .38	- .20	- .10	- .31	- .14
	L	---	- .28	- .06	- .16	- .04	- .02	- .13	- .01

NACA

TABLE VI.- CONTINUED

SLAT α = 22.09

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-6.73	-10.87	-6.80	-5.87	-2.98
0.25	U	-7.67	-8.07	-5.67	-4.07	-2.47
	L	-2.55	---	-2.21	-2.07	---
0.5	U	-6.33	-8.55	-4.74	-3.78	-2.36
	L	- .98	-1.26	-1.12	-1.04	- .47
1.0	U	-4.74	-4.72	-4.00	-3.68	-2.37
	L	.20	- .15	- .04	- .14	---
1.5	U	-4.06	---	-3.74	-3.68	-2.38
	L	.17	.20	.20	.21	---
2.5	U	-3.02	-2.63	-3.47	-2.85	-2.32
	L	.37	.42	.42	.34	.42
3.5	U	-2.16	-2.27	-3.53	-2.17	-2.27
	L	.44	.48	.49	.30	.50
5.0	U	-1.75	-1.84	-3.45	---	-2.26
	L	.39	.48	.42	.30	.36
7.5	U	-1.46	-1.46	-2.89	-1.98	-1.99
	L	.32	.42	.37	.30	---
10.0	U	-1.28	-1.26	-2.19	-1.79	-1.57
	L	.36	.39	.40	.48	.40
15.0	U	-1.07	-1.00	-1.49	-1.50	-1.13
	L	---	- .43	- .06	- .42	- .36
17.5	U	-1.01	---	---	---	---
	L	- .69	---	---	---	---

SLAT α = 23.98

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-7.67	-12.26	-2.98	-4.07	-2.29
0.25	U	-8.40	-8.75	-2.37	-3.05	-1.91
	L	-3.29	-3.49	- .76	-1.60	---
0.5	U	-6.40	-6.90	-2.32	-3.04	-1.56
	L	-1.29	-1.54	.06	- .79	- .24
1.0	U	-4.94	-4.76	-2.29	-3.32	-1.97
	L	.21	- .32	.15	- .05	.17
1.5	U	-2.43	---	-2.18	-3.54	-2.07
	L	.14	.21	.15	.24	---
2.5	U	-3.00	-2.76	-2.24	-1.81	-2.06
	L	.34	.41	.42	.40	.42
3.5	U	-2.29	-2.48	-2.24	-1.63	-2.16
	L	.44	.48	.48	.42	.29
5.0	U	-1.97	-2.18	-2.24	---	-2.18
	L	.36	.44	.42	.40	.36
7.5	U	-1.61	-1.89	-2.24	-1.56	-1.81
	L	.40	.44	---	.43	---
10.0	U	-1.56	-1.57	-2.15	-1.46	-1.26
	L	.26	.39	.42	.48	.39
15.0	U	-1.19	-1.08	-1.51	-1.38	-1.03
	L	---	- .48	- .10	- .29	- .30
17.5	U	-1.12	---	---	---	---
	L	- .75	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		-4.47	-1.17	---	---	---	---	---	---
0.25	U	-3.13	- .91	---	---	---	---	---	---
	L	-2.26	- .59	---	---	---	---	---	---
0.5	U	-2.90	- .87	---	---	---	---	---	---
	L	-1.08	- .20	---	---	---	---	---	---
1.0	U	-2.72	- .83	---	---	---	---	---	---
	L	- .09	.19	---	---	---	---	---	---
1.5	U	-2.55	- .83	---	---	---	---	---	---
	L	.29	.39	---	---	---	---	---	---
2.5	U	-2.40	- .83	---	---	---	---	---	---
	L	.54	.54	---	---	---	---	---	---
3.5	U	-2.32	- .82	---	---	---	---	---	---
	L	.65	.54	---	---	---	---	---	---
5.0	U	-2.20	- .83	-0.93	-0.88	-0.43	-0.96	---	-0.98
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	- .50	- .89	-1.15	- .84	---	-1.25
	L	.69	.58	.36	.49	.48	.52	---	.44
7.5	U	-2.00	- .83	-1.13	-1.34	-1.65	-1.51	---	-1.46
	L	.70	- .12	.45	.50	.50	.54	---	.45
10.0	U	-1.86	- .84	-1.20	-1.25	-1.59	-1.33	---	-1.19
	L	.68	---	.46	.47	.49	---	---	.19
12.5	U	---	---	-1.02	-1.07	-1.42	-1.14	---	- .90
	L	---	---	---	---	---	---	---	---
15.0	U	-1.65	- .85	---	- .79	-1.17	- .94	---	- .81
	L	---	- .17	---	---	---	---	---	---
17.5	U	-1.58	- .88	---	- .88	-1.63	-2.31	-1.06	---	-1.56
	L	---	---	---	---	---	---	---	---
20.0	U	-1.46	- .82	-1.04	- .93	-1.16	- .83	-1.01	- .79
	L	.54	.36	.35	.38	.41	.39	.35	.29
30.0	U	-1.21	- .82	- .83	- .61	- .76	- .73	- .61	- .56
	L	.44	.27	.30	.28	.31	.29	.28	.17
40.0	U	-1.03	- .80	- .48	- .47	- .55	- .65	- .49	- .45
	L	.34	.20	.22	.21	.25	.22	.09	.12
50.0	U	- .91	- .78	- .40	- .45	- .41	- .56	- .41	- .41
	L	---	.14	.17	.14	.17	.16	.05	.08
60.0	U	- .79	- .77	- .38	- .47	- .32	- .42	- .38	- .39
	L	.19	.10	.12	.08	.13	.14	.01	.06
70.0	U	- .68	- .75	- .37	- .48	- .31	- .29	- .36	- .35
	L	.15	.03	.08	.05	.07	.10	- .03	.02
73.0	U	---	---	---	---	- .30	---	- .27	- .34
	L	---	---	---	---	---	---	- .03	---
75.0	U	---	---	---	---	---	---	---	---
	L	---	---	---	---	---	---	---	---
80.0	U	- .49	- .39	- .42	- .38	- .26	- .21	- .32	- .31
	L	- .08	- .03	---	.01	.02	.11	- .03	- .02
85.0	U	---	- .67	- .44	- .33	- .26	- .19	- .32	- .30
	L	---	- .07	- .02	- .03	- .03	- .02	- .05	- .02
90.0	U	---	- .64	- .38	- .33	- .25	- .17	- .32	- .30
	L	.03	- .14	- .03	- .09	.02	.01	- .07	- .06
95.0	U	---	- .62	- .35	- .30	- .22	- .15	- .30	- .28
	L	---	- .24	- .08	- .17	- .05	- .03	- .14	- .08

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		-2.03	-1.08	---	---	---	---	---	---
0.25	U	-1.66	- .83	---	---	---	---	---	---
	L	-1.30	- .48	---	---	---	---	---	---
0.5	U	-1.60	- .79	---	---	---	---	---	---
	L	-1.03	- .19	---	---	---	---	---	---
1.0	U	-1.56	- .76	---	---	---	---	---	---
	L	.12	.19	---	---	---	---	---	---
1.5	U	-1.50	- .77	---	---	---	---	---	---
	L	.39	.38	---	---	---	---	---	---
2.5	U	-1.44	- .76	---	---	---	---	---	---
	L	.58	.54	---	---	---	---	---	---
3.5	U	-1.36	- .76	---	---	---	---	---	---
	L	.67	.60	---	---	---	---	---	---
5.0	U	-1.44	- .77	-0.99	-1.02	-0.79	-0.81	---	-0.84
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	- .52	- .99	-1.60	- .78	---	-1.10
	L	.69	.60	.34	.49	.49	.51	---	.45
7.5	U	-1.27	- .77	-1.20	-1.44	-2.31	-1.40	---	-1.30
	L	.69	- .10	.46	.59	.52	.55	---	.46
10.0	U	-1.22	- .78	-1.26	-1.30	-1.97	-1.38	---	-1.08
	L	.87	---	.45	.50	.51	---	---	.20
12.5	U	---	---	-1.06	-1.14	---	-1.31	---	- .77
	L	---	---	---	---	---	---	---	---
15.0	U	-1.14	- .80	---	- .94	-1.23	-1.07	---	- .67
	L	---	- .14	---	---	---	---	---	---
17.5	U	-1.11	- .78	- .95	-1.71	-1.66	-1.22	---	-1.22
	L	---	---	---	---	---	---	---	---
20.0	U	-1.04	- .80	-1.10	- .99	-1.13	- .94	- .80	- .83
	L	.54	.37	.37	.42	.43	.39	.37	.31
30.0	U	- .99	- .82	- .73	- .71	- .79	- .77	- .46	- .48
	L	.43	.26	.33	.32	.34	.30	.26	.16
40.0	U	- .95	- .80	- .59	- .67	- .62	- .71	- .20	- .44
	L	.32	.20	.24	.24	.26	.22	.14	.13
50.0	U	- .92	- .79	- .51	- .55	- .51	- .63	- .36	- .42
	L	---	.14	.18	.17	.20	.15	.10	.09
60.0	U	- .88	- .79	- .47	- .54	- .45	- .44	- .35	- .41
	L	.17	.08	.14	.10	.15	.12	.06	.04
70.0	U	- .85	- .79	- .46	- .53	- .41	- .50	- .33	- .41
	L	.12	- .01	.08	.06	.08	.08	0	.01
73.0	U	---	---	---	---	- .39	---	- .33	- .40
	L	---	---	---	---	---	---	---	---
75.0	U	---	---	---	---	---	---	---	---
	L	---	---	---	---	---	---	---	---
80.0	U	- .75	- .51	- .45	- .46	- .35	- .42	- .32	- .38
	L	.03	- .11	---	0	.02	.06	- .05	- .04
85.0	U	---	- .77	- .48	- .49	- .32	- .40	- .32	- .38
	L	---	- .17	.03	- .06	---	- .04	- .07	- .05
90.0	U	---	- .76	- .43	- .51	- .31	- .36	- .32	- .37
	L	---	- .26	- .02	- .15	.01	- .04	- .08	- .09
95.0	U	---	- .74	- .39	- .48	- .26	- .34	- .32	- .37
	L	---	- .37	- .08	- .21	- .07	- .06	- .15	- .13

NACA

TABLE VI.- CONCLUDED

SLAT α = 25.89

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-7.67	-8.94	-2.58	-2.35	-1.28
0.25	U	-6.40	-8.20	-1.98	-1.53	-1.09
	L	-3.72	-5.16	- .99	- .98	---
0.5	U	-4.94	-4.27	-1.63	-1.87	-1.04
	L	-1.67	-1.52	.43	- .41	.04
1.0	U	-3.76	-3.47	-1.59	-2.09	-1.10
	L	---	- .31	.23	.13	.31
1.5	U	-2.98	-3.00	-1.56	-1.94	-1.16
	L	.10	.11	.34	.34	---
2.5	U	-2.68	-2.96	-1.49	-1.30	-1.16
	L	.28	.42	.49	.46	.43
3.5	U	-2.78	-2.95	-1.54	-1.18	-1.29
	L	.42	.50	.51	.46	.39
5.0	U	-2.73	-2.92	-1.51	-1.07	-1.24
	L	.37	.45	.45	.45	.36
7.5	U	-2.65	-2.81	-1.49	-1.18	-1.14
	L	.43	.45	.50	.47	---
10.0	U	-2.39	-2.74	-1.49	-1.08	- .98
	L	.40	.39	.45	.50	.40
15.0	U	-1.56	-1.61	-1.46	-1.05	- .86
	L	---	- .60	- .09	- .14	- .19
17.5	U	-1.30	---	---	---	---
	L	- .79	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	VI	E
0		-1.56	-1.09	---	---	---	---	---	---
0.25	U	---	- .86	---	---	---	---	---	---
	L	-1.05	- .70	---	---	---	---	---	---
0.5	U	-1.26	- .82	---	---	---	---	---	---
	L	- .42	- .51	---	---	---	---	---	---
1.0	U	-1.15	- .79	---	---	---	---	---	---
	L	.20	.11	---	---	---	---	---	---
1.5	U	-1.14	- .78	---	---	---	---	---	---
	L	.45	.34	---	---	---	---	---	---
2.5	U	-1.10	- .76	---	---	---	---	---	---
	L	.62	.62	---	---	---	---	---	---
3.5	U	-1.06	- .78	---	---	---	---	---	---
	L	.72	.60	---	---	---	---	---	---
5.0	U	-1.16	- .79	-1.04	-1.29	-0.50	-0.06	---	-0.69
	L	---	---	---	---	---	---	---	---
6.0	U	---	---	- .52	-1.15	-1.28	- .55	---	- .91
	L	.74	.50	.35	.49	.50	.53	---	.49
7.5	U	-1.14	- .80	-1.26	-1.64	-1.88	-1.07	---	-1.11
	L	.76	- .12	.48	.51	.52	.56	---	.49
10.0	U	-1.13	- .80	-1.29	-1.29	-1.74	-1.11	---	- .88
	L	.73	---	.49	.51	.51	---	---	.53
12.5	U	---	---	-1.07	-1.13	-1.56	-1.10	---	- .88
	L	---	---	---	---	---	---	---	---
15.0	U	-1.10	- .82	---	- .99	-1.27	- .94	---	- .56
	L	---	---	---	---	---	---	---	---
17.5	U	-1.10	- .80	- .97	-1.82	-2.71	-1.26	---	-1.09
	L	---	---	---	---	---	---	---	---
20.0	U	-1.02	- .81	-1.17	-1.06	-1.28	- .83	- .67	- .55
	L	.60	.41	.41	.44	.44	.41	.38	.34
30.0	U	- .89	- .83	- .82	- .81	- .95	- .73	- .42	- .42
	L	.50	- .32	.34	.33	.35	.32	.28	.30
40.0	U	- .92	- .82	- .67	- .65	- .82	- .68	- .27	- .40
	L	.40	.34	.27	.26	.27	.24	.14	.18
50.0	U	- .88	- .80	- .57	- .62	- .79	- .66	- .34	- .39
	L	---	.16	.22	.18	.20	.17	.11	.11
60.0	U	- .84	- .81	- .57	- .63	- .71	- .63	- .33	- .40
	L	.24	.11	.15	.09	.16	.14	.07	.07
70.0	U	- .83	- .82	- .57	- .62	- .60	- .61	- .33	- .40
	L	---	.01	.08	.04	.08	.08	.02	.03
73.0	U	---	---	---	---	- .59	---	- .32	- .41
	L	---	---	---	---	---	---	.01	---
75.0	U	---	---	---	---	---	---	---	---
	L	---	---	---	---	---	---	---	---
80.0	U	- .80	- .54	- .46	- .54	- .54	- .59	- .34	- .43
	L	.02	.06	---	- .01	.06	.04	- .07	- .08
85.0	U	---	- .78	- .62	- .58	- .48	- .56	- .34	- .43
	L	---	- .15	- .03	- .09	.02	- .09	- .09	- .09
90.0	U	- .78	- .78	- .59	- .58	- .44	- .53	- .34	- .43
	L	- .08	- .25	- .10	- .18	- .03	- .10	- .10	- .14
95.0	U	---	- .75	- .57	- .55	- .40	- .50	- .32	- .42
	L	---	- .36	- .18	- .26	- .12	- .14	- .17	- .19

NACA

TABLE VII.- PRESSURE COEFFICIENTS[1] FOR THE WING WITH ALL SLATS EXTENDED, 14- TO 97-PERCENT SEMISPAN. FLAPS RETRACTED. $R = 8 \times 10^6$

SLAT $\alpha = -.01$

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-0.42	-0.65	-0.81	0.45	-0.91	-0.92	-0.74
0.25	U	.32	.38	.15	.21	.22	.30	.23
	L	-1.39	-1.20	-1.54	-1.48	-1.50	-1.34	-.10
0.5	U	.45	.45	.39	.41	.43	.47	.48
	L	-1.35	-1.09	-1.31	-1.35	-1.31	-1.24	-1.12
1.0	U	.41	.41	.47	.46	.46	.49	.44
	L	-1.11	-.91	-.31	-.95	-1.08	-1.02	-.97
1.5	U	.36	.38	.45	.47	.42	.44	.39
	L	-.86	-.64	-.51	-.67	-.76	-.61	---
2.5	U	.28	.34	.29	.34	.34	.36	.32
	L	-.71	-.47	-.52	-.53	-.56	-.52	-.40
3.5	U	.22	.25	.29	.24	.30	.29	.23
	L	-.59	-.53	-.46	-.44	-.42	-.40	-.15
4.6	L	-.41	-.19	-.26	-.24	-.30	-.22	---
5.0	U	.16	.19	.22	.19	.22	.11	.19
	L	---	-.15	-.25	-.23	-.25	-.22	-.14
7.5	U	.06	.06	.12	.13	.14	.23	.12
	L	-.61	-.16	-.25	-.25	-.27	-.21	---
10.0	U	.02	.03	.06	.03	.06	.07	.03
	L	-.66	-.17	-.22	-.25	-.27	-.21	-.19
15.0	U	-.11	-.11	-.04	-.04	-.08	-.09	-.11
	L	-.65	-.19	-.27	-.26	-.03	-.22	-.21
17.5	U	-.24	---	-.18	---	---	---	---
	L	-.42	---	-.27	---	---	---	---

SLAT $\alpha = 2.06$

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		0.09	0	-0.06	0.46	0.05	-0.07	0.06
0.25	U	.43	0.45	.42	.41	.43	.47	.43
	L	-.69	-.56	-.72	-.69	-.75	-.56	-.04
0.5	U	.40	.40	.45	.46	.42	.44	.41
	L	-.73	-.57	-.60	-.70	-.67	-.62	-.51
1.0	U	.32	.29	.41	.37	.34	.36	.34
	L	-.55	-.49	-.51	-.56	-.53	-.50	-.45
1.5	U	.23	.24	.34	.36	.26	.30	.23
	L	-.50	-.42	-.37	-.49	-.47	-.38	---
2.5	U	.17	.19	.17	.22	.17	.21	.16
	L	-.51	-.32	-.30	-.38	-.34	-.30	-.23
3.5	U	.10	.14	.12	.13	.13	.12	.15
	L	-.43	-.30	-.28	-.29	-.24	-.26	-.07
4.6	L	-.31	-.11	-.15	-.14	-.15	-.20	---
5.0	U	.06	.06	.09	.08	.17	-.01	.07
	L	---	-.09	-.13	-.16	-.14	-.14	-.07
7.5	U	0	-.03	-.02	.02	0	.09	.01
	L	-.48	-.11	-.23	-.19	-.24	-.13	---
10.0	U	-.06	-.07	-.04	-.07	-.05	-.04	-.07
	L	-.56	-.12	-.25	-.21	-.23	-.12	-.10
15.0	U	-.16	-.19	-.15	-.11	-.19	-.15	-.18
	L	-.30	-.22	-.34	-.34	-.05	-.20	-.22
17.5	U	-.25	---	-.27	---	---	---	---
	L	-.41	---	-.36	---	---	---	---

WING

Orifice Location Percent Chord		I	A	B	III	C	D	VI	E
5.0	U	-0.79	-0.18	-0.24	-0.29	-0.27	-0.22	---	-0.20
6.0	U	-.87	-.20	-.25	-.28	-.28	-.23	---	-.20
	L	-.14	-.19	-.23	-.29	-.29	-.20	---	---
7.5	U	-.27	-.21	-.25	-.28	-.29	-.23	---	-.21
	L	-.37	-.21	-.27	-.33	-.31	-.19	---	-.20
10.0	U	-.23	---	-.24	-.30	-.21	-.21	---	-.20
	L	.26	---	-.26	-.34	-.29	---	---	-.18
12.5	U	-.15	-.22	-.19	-.16	-.08	-.11	---	-.17
15.0	U	-.14	-.23	-.08	-.06	-.06	-.14	---	-.15
17.5	U	-.18	-.27	-.33	-.11	-.75	-.23	---	-.48
20.0	U	-.29	-.27	-.31	-.29	-.28	-.23	-0.27	-.21
	L	-.03	-.15	-.04	-.05	.03	-.13	-.02	-.01
30.0	U	-.21	-.23	-.24	-.21	-.18	-.20	-.19	-.16
	L	-.12	-.14	-.08	-.05	-.06	-.06	-.05	-.07
40.0	U	-.22	-.23	-.19	-.20	-.16	-.16	-.07	-.16
	L	-.16	-.17	-.12	-.11	-.11	-.09	-.13	-.09
50.0	U	-.24	-.21	-.19	-.16	-.14	-.14	-.15	-.14
	L	-.19	-.18	-.18	-.11	-.11	-.10	-.09	-.08
60.0	U	-.20	-.17	-.06	-.12	-.08	-.09	-.11	-.12
	L	-.18	-.13	-.10	-.09	-.07	-.07	-.07	-.08
70.0	U	-.17	-.19	-.12	-.07	-.09	-.08	-.04	-.04
	L	-.18	-.13	-.06	-.04	-.07	-.03	-.04	-.05
73.0	U	---	---	---	---	-.09	-.03	-.04	-.03
80.0	U	-.14	-.07	-.04	-.04	0	.02	-.04	.01
	L	-.15	-.10	-.03	-.06	0	.03	-.02	-.02
85.0	U	---	-.04	.04	-.07	.02	.01	.02	.03
	L	---	-.09	-.02	.01	.08	-.03	.04	.01
90.0	U	-.10	-.06	.01	.01	.05	.05	.04	.04
	L	-.12	-.07	0	.01	.05	.03	.05	.04
95.0	U	---	-.03	.03	.06	.06	.06	.06	.06
	L	---	-.05	.03	.05	.05	.06	---	.06

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.95	-0.23	-0.33	-0.38	-0.37	-0.26	---	-0.27
6.0	U	-.91	-.21	-.31	-.41	-.38	-.28	---	-.24
	L	.24	-.14	-.22	-.30	-.28	-.18	---	-.12
7.5	U	-.28	-.25	-.29	-.32	-.30	-.24	---	-.25
	L	-.42	-.11	-.14	-.20	-.16	-.10	---	-.06
10.0	U	-.28	---	-.31	-.32	-.29	-.27	---	-.26
	L	.32	---	.04	-.06	0	---	---	-.01
12.5	U	-.29	-.32	-.30	-.31	-.28	-.26	---	-.27
15.0	U	-.29	-.34	-.30	-.28	-.19	-.27	---	-.28
17.5	U	-.31	-.45	-.39	-.27	-.28	-.30	---	-.47
20.0	U	-.39	-.36	-.32	-.36	-.30	-.30	-0.33	-.31
	L	-.03	-.02	.08	.09	.09	.07	.11	.09
30.0	U	-.28	-.29	-.29	-.28	-.24	-.25	-.24	-.22
	L	-.06	-.10	-.07	-.02	-.06	-.03	0	-.05
40.0	U	-.27	-.27	-.23	-.24	-.21	-.20	-.07	-.20
	L	-.12	-.13	-.10	-.09	-.08	-.07	-.11	-.09
50.0	U	-.26	-.23	-.21	-.19	-.17	-.16	-.16	-.16
	L	-.14	-.12	-.08	-.08	-.09	-.09	-.08	-.08
60.0	U	-.24	-.19	-.21	-.15	-.11	-.10	-.11	-.14
	L	-.15	-.10	-.09	-.07	-.05	-.05	-.06	-.06
70.0	U	-.19	-.19	-.14	-.08	-.10	-.06	-.04	-.05
	L	-.12	-.10	-.04	-.03	-.05	-.01	-.03	-.02
73.0	U	---	---	---	---	-.09	-.01	-.03	-.04
80.0	U	-.15	-.07	-.07	-.05	-.06	0	-.03	0
	L	-.13	-.06	0	-.05	.02	.04	-.02	-.02
85.0	U	---	-.04	.04	-.07	.01	.01	.02	.02
	L	---	-.06	0	.03	.03	-.02	.04	-.01
90.0	U	-.11	-.05	.01	.02	.03	.04	.04	.04
	L	-.10	-.05	.02	.03	.08	.05	.05	-.03
95.0	U	---	-.02	.04	.05	.06	.06	.06	.05
	L	---	-.03	.04	.05	.05	.06	.06	-.06

[1]Pressure coefficients tabulated are defined as $(p_l - p_o)/q$

TABLE VII.- CONTINUED

SLAT $\alpha = 4.15$

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		0.38	0.37	0.33	0.46	0.40	0.36	0.39
0.25	U	.37	.34	.44	.45	.42	.42	.41
	L	-.23	-.06	-.14	-.06	-.16	-.03	-.01
0.5	U	.25	.20	.35	.33	.28	.26	.29
	L	-.34	-.14	-.23	-.16	-.22	-.16	-.15
1.0	U	.13	.07	.22	.18	.16	.17	.16
	L	-.25	-.18	-.29	-.19	-.19	-.19	-.16
1.5	U	.07	.04	.14	.05	.08	.09	.08
	L	-.35	-.17	-.28	-.17	-.20	-.14	---
2.5	U	0	0	-.05	.03	.01	.05	0
	L	-.34	-.14	-.22	-.16	-.17	-.13	-.13
3.5	U	-.06	-.03	-.03	-.04	-.03	-.03	.03
	L	-.31	-.10	-.19	-.13	-.14	-.11	-.06
4.6	L	-.27	-.07	-.17	-.12	-.13	-.09	---
5.0	U	-.09	-.08	-.06	-.07	-.07	-.15	-.06
	L	---	-.07	-.20	-.15	-.14	-.09	-.09
7.5	U	-.13	-.17	-.15	-.11	-.12	-.06	-.09
	L	-.45	-.12	-.29	-.20	-.22	-.09	---
10.0	U	-.17	-.19	-.16	-.16	-.17	-.16	-.16
	L	-.50	-.13	-.26	-.22	-.30	-.09	-.13
15.0	U	-.24	-.29	-.25	-.18	-.28	-.29	-.23
	L	-.07	-.31	-.07	-.45	-.07	-.24	-.25
17.5	U	-.21	---	-.56	---	---	---	---
	L	-.41	---	-.55	---	---	---	---

SLAT $\alpha = 6.18$

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		0.43	0.43	0.45	0.46	0.40	0.45	0.46
0.25	U	.16	0	.19	.25	.03	.06	.15
	L	.15	.29	.30	.31	.38	.35	-.06
0.5	U	-.02	-.16	.02	-.01	-.13	-.15	-.08
	L	.03	.19	.17	.19	.20	.23	.19
1.0	U	-.10	-.25	-.13	-.15	-.23	-.21	-.16
	L	-.04	.08	-.23	.02	.14	.13	.12
1.5	U	-.15	-.22	-.18	.05	-.27	-.28	-.19
	L	-.08	.06	-.13	.05	.07	.06	---
2.5	U	-.19	-.23	-.32	-.21	-.25	-.23	-.24
	L	-.13	.01	-.01	-.01	.03	.05	.03
3.5	U	-.23	-.22	-.23	-.26	-.27	-.27	-.16
	L	-.14	-.01	-.06	-.06	0	0	0
4.6	L	-.17	-.05	-.18	-.14	-.07	-.06	---
5.0	U	-.24	-.24	-.25	-.26	-.27	-.31	-.25
	L	---	-.07	-.11	-.15	-.12	-.06	-.06
7.5	U	-.24	-.31	-.29	-.27	-.29	-.26	-.23
	L	-.38	-.06	-.24	-.18	-.22	-.06	---
10.0	U	-.27	-.30	-.30	-.30	-.32	-.32	-.28
	L	-.41	-.10	-.30	-.21	-.25	-.06	-.11
15.0	U	-.31	-.36	-.38	-.38	-.39	-.41	-.32
	L	.07	-.25	-.05	-.19	-.03	-.12	-.13
17.5	U	-.25	---	-.39	---	---	---	---
	L	-.35	---	-.31	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-1.28	-0.40	-0.61	-0.84	-0.68	-0.29	---	-0.51
6.0	U	-.63	-.30	-.50	-.78	-.53	-.27	---	-.34
	L	.35	-.03	.07	.15	.22	-.03	---	.27
7.5	U	-.32	-.38	-.39	-.43	-.35	-.32	---	-.32
	L	.45	.09	.29	.47	.44	.07	---	.42
10.0	U	-.39	---	-.45	-.38	-.39	-.38	---	-.33
	L	.36	---	.31	.37	.37	---	---	.17
12.5	U	-.39	-.44	-.41	-.40	-.40	-.37	---	-.34
15.0	U	-.38	-.45	-.41	-.41	-.36	-.37	---	-.34
17.5	U	-.40	-.60	-.57	-.42	-.77	-.64	---	-.77
20.0	U	-.60	-.48	-.52	-.52	-.43	-.38	-0.46	-.38
	L	.09	.02	.09	.08	.10	.11	.11	.10
30.0	U	-.35	-.32	-.37	-.36	-.31	-.31	-.30	-.27
	L	0	-.07	-.05	-.01	-.02	-.01	.03	-.03
40.0	U	-.33	-.34	-.30	-.30	-.28	-.26	-.09	-.23
	L	-.08	-.10	-.07	-.07	-.04	-.03	-.06	-.04
50.0	U	-.32	-.29	-.27	-.23	-.21	-.20	-.18	-.18
	L	-.09	-.10	-.07	.06	-.05	-.06	-.06	-.05
60.0	U	-.26	-.23	-.15	-.18	-.15	-.18	-.12	-.15
	L	-.12	-.06	-.07	.05	-.03	-.03	-.06	-.02
70.0	U	-.22	-.22	-.17	-.10	-.11	-.06	-.06	-.05
	L	-.09	-.09	-.03	-.05	-.04	0	-.03	-.01
73.0	U	---	---	---	---	-.10	-.07	-.04	-.04
80.0	U	-.16	-.08	-.07	-.07	-.07	-.03	-.04	-.01
	L	-.11	-.06	.02	-.07	.03	.04	-.02	-.02
85.0	U	---	-.06	.02	-.09	0	-.01	.02	.01
	L	---	-.06	.02	.02	.03	-.02	.02	.01
90.0	U	-.12	-.06	0	0	.02	.02	.04	.03
	L	.09	-.05	.03	.02	.04	.02	.03	.03
95.0	U	---	-.03	.03	.03	.04	.05	.06	.04
	L	---	-.03	.04	.04	.04	.05	.05	.05

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-1.31	-0.86	-1.15	-1.32	-0.82	-0.90	---	-0.55
6.0	U	-.42	-.35	-.81	-.74	-.60	-.30	---	-.34
	L	.40	.49	.84	.41	.52	.32	---	.42
7.5	U	-.42	-.52	-.56	-.50	-.42	-.44	---	-.37
	L	.51	.47	.47	.51	.47	.49	---	.43
10.0	U	-.48	---	-.60	-.56	-.55	-.49	---	-.56
	L	.30	---	.33	.39	.38	---	---	.16
12.5	U	-.50	-.57	-.56	-.59	-.55	-.53	---	-.48
15.0	U	-.47	-.55	-.51	-.57	-.49	-.49	---	-.46
17.5	U	-.48	-.84	-.79	-.55	-1.07	-.90	---	-1.26
20.0	U	-.60	-.57	-.64	-.70	-.54	-.51	-0.63	-.54
	L	.15	.09	.16	.16	.16	.16	.17	.13
30.0	U	-.41	-.44	-.46	-.45	-.40	-.38	-.36	-.36
	L	.08	-.01	.02	.07	.05	.05	.06	-.02
40.0	U	-.38	-.38	-.34	-.36	-.33	-.30	-.09	-.30
	L	-.02	-.04	0	.01	-.01	-.01	-.03	-.03
50.0	U	-.34	-.31	-.29	-.28	-.25	-.25	-.20	-.23
	L	-.06	-.05	-.02	0	-.01	-.02	-.02	-.04
60.0	U	-.30	-.25	-.17	-.21	-.16	-.14	-.13	-.19
	L	-.07	-.06	-.03	-.01	.02	.01	-.03	-.02
70.0	U	-.24	-.23	-.18	-.12	-.12	-.08	-.06	-.09
	L	-.06	-.08	0	.02	0	.03	-.01	-.01
73.0	U	---	---	---	---	-.10	-.06	-.05	-.07
80.0	U	-.18	-.08	-.08	-.09	-.07	-.04	-.05	-.01
	L	-.09	-.03	.03	-.07	.05	.07	0	.01
85.0	U	---	-.07	.01	-.08	-.01	-.02	.01	-.01
	L	---	-.03	.03	.05	.07	0	.03	.03
90.0	U	-.14	-.06	0	0	.03	.02	.03	-.03
	L	-.07	-.03	.03	.04	.06	.04	.03	.04
95.0	U	---	-.03	.03	.04	.05	.04	.05	-.05
	L	---	-.02	.04	.05	.06	.05	.04	.07

NACA

TABLE VII.- CONTINUED

SLAT α = 6.24

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		0.22	0.09	0.17	0.47	-0.13	0	0.18
0.25	U	-.54	-.69	-.45	-.33	-.79	-0.66	-.41
	L	.41	.47	.45	.44	.45	.45	-.07
0.5	U	-.47	-.77	-.50	-.54	-.87	-.83	-.55
	L	.32	.41	.39	.43	.39	.44	.42
1.0	U	-.49	-.70	-.70	-.66	-.81	-.75	-.63
	L	.22	.28	---	.33	.35	.34	.34
1.5	U	-.49	-.63	-.58	---	-.74	-.70	-.58
	L	.13	.26	.05	.27	.24	.26	---
2.5	U	-.48	-.56	-.69	-.56	-.68	-.59	-.55
	L	.07	.20	.15	.18	.19	.23	.19
3.5	U	-.47	-.49	-.54	-.54	-.58	-.55	-.41
	L	.03	.15	.10	.11	.12	.16	.08
4.6	L	-.05	.09	-.12	.03	.01	.05	---
5.0	U	-.44	-.46	-.51	-.49	-.52	-.52	-.44
	L	---	.04	-.13	-.03	-.06	.04	.03
7.5	U	-.41	-.49	-.49	-.46	-.48	-.50	-.41
	L	-.29	.04	-.13	-.07	-.11	.04	---
10.0	U	-.41	-.45	-.47	-.47	-.50	-.48	-.43
	L	-.32	.03	-.19	-.09	-.16	.04	-.01
15.0	U	-.43	-.49	-.50	-.45	-.49	-.54	-.45
	L	.15	-.15	.01	-.13	-.02	-.06	-.10
17.5	U	-.48	---	-.55	---	---	---	---
	L	-.51	---	-.33	---	---	---	---

SLAT α = 10.25

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-0.33	-0.69	-0.54	0.47	-1.19	0	-0.46
0.25	U	-1.10	-1.70	-1.36	-1.29	-1.92	-1.75	-1.21
	L	.43	.39	.32	.34	.32	.39	-.13
0.5	U	-1.06	-1.59	-1.46	-1.33	-1.84	-1.74	-1.23
	L	.44	.45	.45	.45	.41	.43	.47
1.0	U	-.99	-1.34	-1.40	-1.29	-1.53	-1.49	-1.21
	L	.40	.43	---	.45	.47	.44	.46
1.5	U	-.91	-1.04	-1.27	---	-1.29	-1.29	-1.08
	L	.32	.41	.19	.41	.41	.36	---
2.5	U	-.81	-.90	-1.23	-.86	-.97	-.97	-.89
	L	.24	.34	.34	.32	.35	.35	.20
3.5	U	-.72	-.78	-.91	-.97	-.89	-.88	-.87
	L	.18	.29	.26	.25	.27	.28	.14
4.6	L	.08	.22	0	.15	.15	.15	---
5.0	U	-.65	-.72	-.77	-.77	-.79	-.78	-.66
	L	---	.15	-.08	.04	.08	.15	.10
7.5	U	-.56	-.69	-.74	-.67	-.70	-.76	-.87
	L	-.20	.16	-.08	.02	.08	.15	---
10.0	U	-.55	-.63	-.65	-.65	-.66	-.67	-.61
	L	-.18	.16	-.07	.02	-.04	.16	.02
15.0	U	-.53	-.62	-.64	-.59	-.63	-.69	-.59
	L	.18	-.15	.03	-.19	-.01	-.03	-.12
17.5	U	-.55	---	-.67	---	---	---	---
	L	-.34	---	-.40	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
3.0	U	-1.15	-0.90	-1.15	-1.34	-0.86	-0.89	---	-0.83
6.0	U	-.34	-.45	-.69	-.54	-.52	-.58	---	-.63
	L	.46	.53	.53	.40	.52	.55	---	.56
7.5	U	-.55	-.75	-.80	-.64	-.59	-.59	---	-.71
	L	.53	.47	.47	.51	.46	.51	---	.47
10.0	U	-.61	---	-.80	-.72	-.72	-.64	---	-.66
	L	.43	---	.37	.41	.39	---	---	.30
13.5	U	-.52	-.74	-.74	-.75	-.70	-.67	---	-.57
15.0	U	-.57	-.69	-.65	-.71	-.69	-.61	---	-.53
17.5	U	-.56	-1.13	-1.00	-.68	-1.36	-1.23	---	-1.54
20.0	U	-.74	-.70	-.78	-.88	-.56	-.61	-0.79	-.62
	L	.21	.14	.20	.21	.21	.21	.21	.19
30.0	U	-.48	-.51	-.53	-.55	-.47	-.47	-.43	-.40
	L	.11	.04	.07	.13	.10	.11	.12	.03
40.0	U	-.44	-.44	-.40	-.45	-.37	-.36	-.11	-.33
	L	.03	0	.04	.05	.06	.06	-.01	.01
50.0	U	-.40	-.36	-.33	-.33	-.29	-.27	-.14	-.26
	L	-.01	-.02	.03	.04	.03	.02	-.01	0
60.0	U	-.33	-.28	-.20	-.24	-.17	-.16	-.16	-.20
	L	-.03	-.02	0	.03	.05	.04	-.03	.03
70.0	U	-.26	-.25	-.20	-.14	-.15	-.06	-.06	-.09
	L	-.03	-.03	.03	.04	.02	.06	-.01	.03
75.0	U	---	---	---	---	-.15	-.09	-.07	-.08
80.0	U	-.19	-.09	-.09	-.10	-.09	-.04	-.07	-.01
	L	-.06	-.01	.06	-.08	.08	.08	0	.01
85.0	U	---	-.08	-.01	-.08	-.09	-.09	0	.01
	L	---	-.01	.05	.06	.08	.01	.05	.04
90.0	U	-.15	-.06	0	0	.02	.01	.02	.03
	L	-.05	-.01	.05	.05	.06	.05	.05	.05
95.0	U	---	-.02	.04	.04	.06	.04	.04	.05
	L	---	0	.05	.06	.07	.07	.03	.07

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
3.0	U	-0.82	-0.57	-1.00	-1.51	-0.52	-0.96	---	-0.70
6.0	U	-.37	-.48	-.70	-.51	-.56	-.47	---	-.77
	L	.50	.56	.54	.41	.52	.54	---	.51
7.5	U	-.67	-.91	-.98	-.79	-.80	-.75	---	-.91
	L	.54	.49	.50	.53	.47	.50	---	.47
10.0	U	-.72	---	-.96	-.91	-.93	-.79	---	-.86
	L	.46	---	.41	.43	.41	---	---	.21
13.5	U	-.74	-.83	-.89	-.89	-.87	-.83	---	-.71
15.0	U	-.68	-.79	-.78	-.83	-.74	-.78	---	-.65
17.5	U	-.67	-1.33	-1.17	-.78	-1.74	-1.51	---	-1.54
20.0	U	-.85	-.80	-.89	-1.00	-.79	-.74	-0.92	-.75
	L	.26	.19	.26	.25	.25	.25	.24	.20
30.0	U	-.54	-.58	-.60	-.61	-.58	-.53	-.49	-.48
	L	.16	.09	.13	.17	.15	.15	.14	.08
40.0	U	-.49	-.49	-.46	-.48	-.43	-.49	-.13	-.39
	L	.07	.05	.09	.10	.10	.09	.01	.06
50.0	U	-.44	-.41	-.24	-.36	-.33	-.31	-.20	-.30
	L	.03	.03	.06	.07	.06	.05	.01	.01
60.0	U	-.35	-.31	-.23	-.26	-.21	-.19	-.15	-.24
	L	0	.02	.03	.06	.07	.06	0	.03
70.0	U	-.28	-.27	-.21	-.15	-.17	-.09	-.10	-.12
	L	0	-.01	.03	.07	.04	.07	.01	.02
75.0	U	---	---	---	---	-.15	-.11	-.09	-.18
80.0	U	-.20	-.11	-.10	-.10	-.08	-.06	-.09	-.04
	L	-.03	0	.08	.10	.10	.09	.02	.01
85.0	U	---	-.10	.01	-.09	-.02	-.05	-.02	-.08
	L	---	0	.07	.08	.09	.03	.03	.03
90.0	U	-.15	-.08	.01	0	.01	0	-.01	.01
	L	-.04	0	.07	.08	.09	.08	.03	.04
95.0	U	---	-.03	.03	.04	.08	.03	.02	.04
	L	---	0	.07	.07	.07	.06	.03	.08

NACA

TABLE VII.- CONTINUED

STAT α = 12.24

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-0.99	-1.98	-1.74	0.46	-2.73	-2.56	-1.64
0.25	U	-1.92	-2.75	-2.76	-2.52	-3.55	-3.36	-2.57
	L	.29	.07	- .15	- .06	- .06	- .15	- .23
0.5	U	-1.79	-3.12	-2.54	-2.53	-3.10	-2.99	-2.52
	L	.42	.33	.29	.29	.12	.20	.37
1.0	U	-1.52	-2.10	-2.34	-2.08	-2.18	-1.99	-2.01
	L	.46	.46	---	.47	.46	.47	.43
1.5	U	-1.25	-1.69	-1.91	---	-1.86	-1.88	-1.51
	L	.41	.49	.25	.49	.46	.43	---
2.5	U	-1.10	-1.58	-1.98	-1.35	-1.43	-1.45	-1.44
	L	.33	.44	.43	.44	.44	.45	.38
3.5	U	- .99	-1.15	-1.29	-1.32	-1.25	-1.25	- .92
	L	.28	.40	.34	.35	.36	.37	.19
4.6	L	.17	.44	.15	.27	.35	.24	---
5.0	U	- .87	-1.02	-1.08	-1.06	-1.07	---	- .95
	L	---	.39	.08	.25	.25	.23	.16
7.5	U	- .74	- .93	- .98	- .89	- .92	-1.06	- .80
	L	- .12	.39	.09	.13	.14	.25	---
10.0	U	- .70	- .84	- .86	- .84	- .85	- .87	- .78
	L	- .06	.39	.05	.12	.12	.28	.20
15.0	U	- .65	- .78	- .80	- .73	- .75	- .65	- .73
	L	.16	- .19	.02	- .24	- .02	- .05	- .19
17.5	U	- .67	---	- .82	---	---	---	---
	L	- .40	---	- .50	---	---	---	---

STAT α = 14.26

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-1.87	-3.22	-3.01	---	-4.41	-4.15	-2.83
0.25	U	-2.89	-4.22	-4.08	-3.75	-5.07	-4.60	-3.06
	L	.04	- .37	- .70	- .62	- .60	- .73	- .33
0.5	U	-2.58	-3.75	-3.75	-3.55	-4.41	-4.05	-3.49
	L	.32	.11	.06	.02	- .06	- .10	.19
1.0	U	-1.88	-2.73	-3.08	-2.83	-2.99	-2.73	-2.54
	L	.48	.40	---	.40	.39	.32	.39
1.5	U	-1.66	-2.22	-2.55	---	-2.45	-2.43	-2.06
	L	.47	.45	.27	.48	.44	.40	---
2.5	U	-1.43	-1.80	-2.43	-1.74	-1.83	-1.86	-1.82
	L	.42	.50	.47	.47	.47	.47	.42
3.5	U	-1.25	-1.47	-1.63	-1.63	-1.58	-1.58	-1.24
	L	.35	.47	.43	.40	.42	.42	.21
4.6	L	.24	.43	.24	.33	.32	.30	---
5.0	U	- .89	-1.26	-1.34	-1.32	-1.34	---	-1.18
	L	---	.39	.17	.20	.24	.29	.21
7.5	U	- .85	-1.13	-1.18	-1.09	-1.19	-1.32	- .95
	L	- .03	.37	.19	.20	.22	.32	---
10.0	U	- .82	-1.00	-1.02	-1.01	-1.08	-1.04	- .94
	L	.08	.38	.15	.22	.24	.35	.28
15.0	U	- .73	- .90	- .92	- .86	- .89	- .98	- .85
	L	.14	- .22	.02	- .30	- .03	- .09	- .25
17.5	U	---	---	- .91	---	---	---	---
	L	---	---	- .87	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.73	-0.36	-0.83	-1.41	-0.35	-0.17	---	-0.76
6.0	U	- .27	- .51	- .78	-1.27	- .70	- .53	---	- .90
	L	.54	.56	.53	.42	.49	.61	---	.61
7.5	U	- .74	-1.05	-1.14	- .96	-1.00	- .94	---	-1.08
	L	.58	.54	.51	.51	.47	.49	---	.47
10.0	U	- .81	---	-1.11	-1.10	-1.09	- .97	---	-1.08
	L	.50	---	.44	.45	.41	---	---	.22
12.5	U	- .84	- .98	-1.02	-1.05	-1.02	-1.01	---	- .85
15.0	U	- .75	- .88	- .89	- .98	- .88	- .89	---	- .78
17.5	U	- .74	---	---	- .90	---	---	---	---
20.0	U	- .95	- .90	-1.21	-1.15	- .90	- .88	-1.09	- .85
	L	.31	.26	.30	.29	.29	.27	.27	.24
30.0	U	- .59	- .62	- .64	- .69	- .63	- .64	- .61	- .55
	L	.22	---	.17	.22	.18	.18	.17	.09
40.0	U	- .51	- .52	- .48	- .52	- .50	- .50	---	- .46
	L	.13	.11	.14	.14	.13	.11	.03	.06
50.0	U	- .46	- .42	- .38	- .39	- .38	- .38	- .35	- .38
	L	.08	.09	.10	.12	.08	.05	.02	.03
60.0	U	- .38	- .32	- .25	- .27	- .25	- .33	- .24	- .27
	L	.06	.07	.07	.09	.09	.07	.01	.04
70.0	U	- .29	- .27	- .21	- .14	- .20	- .14	- .15	- .14
	L	.04	.04	.09	.09	.05	.06	.01	.05
73.0	U	---	---	---	---	- .17	- .13	- .14	- .13
80.0	U	- .20	- .10	- .09	- .09	- .08	- .05	- .08	- .04
	L	.01	.04	.09	- .10	.11	.12	.02	.03
85.0	U	---	- .06	- .02	- .09	- .02	- .02	- .05	- .02
	L	---	.04	.09	.09	.10	.03	.06	.06
90.0	U	- .15	- .04	- .01	- .01	0	.01	- .03	.01
	L	0	.03	.06	.07	.10	---	.08	.06
95.0	U	---	- .02	.02	.03	.04	.04	.01	.03
	L	---	.03	.07	.06	.08	.07	.04	.07

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.67	-0.25	-0.88	-1.08	-0.32	-0.14	---	-0.83
6.0	U	- .26	- .53	- .88	- .82	- .80	- .57	---	-1.02
	L	.54	.61	.52	.40	.45	.51	---	.49
7.5	U	- .81	-1.18	-1.28	-1.08	-1.16	-1.06	---	-1.24
	L	.52	.57	.51	.50	.45	.49	---	.47
10.0	U	- .89	---	-1.24	-1.23	-1.23	-1.07	---	-1.15
	L	.53	---	.48	.46	.42	---	---	.23
12.5	U	- .91	-1.07	-1.14	-1.27	-1.15	-1.11	---	- .95
15.0	U	- .82	- .97	- .99	-1.07	- .97	- .96	---	- .88
17.5	U	- .81	---	---	-1.00	---	---	---	---
20.0	U	-1.21	- .99	-1.10	-1.27	- .96	- .85	-1.19	- .92
	L	.35	.30	.33	.31	.31	.30	.30	.27
30.0	U	- .63	- .68	- .71	- .72	- .69	- .71	- .66	- .61
	L	.25	.19	.22	.25	.20	.20	.19	.13
40.0	U	- .55	- .55	- .52	- .55	- .54	- .53	---	- .49
	L	.17	.15	.17	.17	.15	.15	.06	.10
50.0	U	- .49	- .45	- .42	- .41	- .41	- .40	- .38	- .37
	L	.12	.12	.14	.13	.11	.10	.04	.07
60.0	U	- .39	- .33	- .25	- .29	- .26	- .25	- .27	- .29
	L	.08	.10	.09	.11	.09	.09	.03	.07
70.0	U	- .31	- .26	- .22	- .15	- .21	- .15	- .17	- .18
	L	.07	.06	.11	.09	.06	.09	.02	.06
73.0	U	---	---	---	---	- .17	- .14	- .16	- .13
80.0	U	- .21	- .09	- .09	- .08	- .10	- .06	- .12	- .04
	L	.03	.06	.11	- .11	.13	.13	.01	.06
85.0	U	---	- .09	- .04	- .06	- .03	- .05	- .09	- .02
	L	---	.05	.09	.13	.11	.06	.03	.06
90.0	U	- .16	- .07	- .03	.01	.01	0	- .06	0
	L	.01	.04	.06	.11	.10	.08	.02	.07
95.0	U	---	- .02	.01	.05	.03	.03	.03	.04
	L	---	.04	.06	.10	.08	.08	.01	.08

NACA

TABLE VII.- CONTINUED

SLAT α = 16.26

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		---	---	-5.53	---	-7.63	-7.37	-5.20
0.25	U	---	---	-6.71	-6.12	-7.90	-7.24	-5.59
	L	---	---	-1.92	-1.79	-1.71	-1.59	- .51
0.5	U	---	---	-6.06	-5.40	-6.19	-5.89	-4.50
	L	---	---	- .52	- .60	- .72	- .82	- .27
1.0	U	---	---	-4.41	-4.01	-4.88	-4.01	-3.75
	L	---	---	---	.18	.16	.04	.20
1.5	U	---	---	-3.82	---	-3.42	-3.42	-2.95
	L	---	---	.23	.39	.33	.32	---
2.5	U	---	---	-3.13	-2.42	-2.83	-2.56	-2.50
	L	---	---	.46	.51	.46	.46	.42
3.5	U	---	---	-2.22	-2.19	-2.15	-2.15	-1.77
	L	---	---	.49	.49	.50	.46	.22
4.6	L	---	---	.36	.45	.44	.38	---
5.0	U	---	---	-1.80	-1.75	-1.79	---	-1.63
	L	---	---	- .27	.32	.35	.36	.29
7.5	U	---	---	-1.52	-1.41	-1.46	-1.79	-1.34
	L	---	---	.29	.33	.39	.41	---
10.0	U	---	---	-1.31	-1.29	-1.30	-1.35	-1.23
	L	---	---	.30	.32	.35	.36	.36
15.0	U	---	---	-1.14	-1.05	-1.08	-1.21	-1.09
	L	---	---	- .05	- .39	- .03	- .18	- .39
17.5	U	---	---	-1.10	---	---	---	---
	L	---	---	- .71	---	---	---	---

SLAT α = 17.26

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-4.33	-7.11	-6.91	---	-9.21	-8.82	-6.25
0.25	U	-5.47	-7.90	-8.03	-7.44	-9.98	-8.23	-6.51
	L	- .89	-1.77	-2.56	-2.38	-2.82	-2.42	- .56
0.5	U	-4.53	-5.88	-7.11	-6.38	-6.98	-6.71	-5.24
	L	- .18	- .75	- .84	- .92	-1.05	-1.16	- .49
1.0	U	-3.07	-4.36	-5.13	-4.67	-4.94	-4.48	-4.28
	L	.31	- .01	---	.03	.02	- .12	.09
1.5	U	-2.63	-3.42	-4.21	---	-3.95	-3.75	-3.23
	L	.45	.29	.21	.32	.24	.24	---
2.5	U	-2.14	-2.75	-3.55	-2.66	-2.77	-2.73	-2.46
	L	.49	.47	.48	.49	.44	.42	.41
3.5	U	-1.83	-2.19	-2.43	-2.37	-2.18	-2.35	-1.93
	L	.46	.53	.47	.50	.49	.45	.23
4.6	L	.36	.54	.38	.46	.45	.40	---
5.0	U	-1.53	-1.83	-1.98	-1.90	-1.95	---	-1.74
	L	---	.30	.31	.36	.38	.39	.29
7.5	U	-1.25	-1.58	-1.66	-1.55	-1.60	-2.09	-1.42
	L	.18	.49	.33	.38	.43	.43	---
10.0	U	-1.11	-1.35	-1.43	-1.36	-1.41	-1.46	-1.29
	L	.32	.51	.35	.40	.36	.48	.38
15.0	U	- .96	-1.16	-1.22	-1.12	-1.14	-1.27	-1.15
	L	.09	- .35	- .09	- .42	- .03	- .22	- .40
17.5	U	- .93	---	-1.17	---	---	---	---
	L	- .59	---	- .76	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	---	-0.25	-0.95	---	-0.32	-0.14	---	-0.95
6.0	U	---	- .61	-1.01	---	- .94	- .67	---	-1.18
	L	---	.60	.52	---	.49	.52	---	.48
7.5	U	---	-1.39	-1.50	---	-1.35	-1.22	---	-1.45
	L	---	.58	.53	---	.49	.52	---	.45
10.0	U	---	---	-1.44	---	-1.45	-1.25	---	-1.34
	L	---	---	.48	---	.46	---	---	.24
12.5	U	---	-1.24	-1.30	---	-1.31	-1.29	---	-1.19
15.0	U	---	-1.11	-1.28	---	-1.09	-1.12	---	- .99
17.5	U	---	-1.80	-1.67	---	---	---	---	---
20.0	U	---	-1.10	-1.22	---	-1.12	-1.07	---	-1.06
	L	---	.35	.37	---	.37	.35	---	.30
30.0	U	---	- .75	- .78	---	- .74	- .76	---	- .70
	L	---	.24	.27	---	.27	.27	---	.15
40.0	U	---	- .61	- .57	---	- .58	- .59	---	- .54
	L	---	.19	.21	---	.21	.19	---	.11
50.0	U	---	- .47	- .45	---	- .43	- .41	---	- .40
	L	---	.15	.17	---	.17	.15	---	.10
60.0	U	---	- .36	- .27	---	- .27	- .26	---	- .30
	L	---	.13	.12	---	.15	.13	---	.10
70.0	U	---	- .29	- .21	---	- .17	- .14	---	- .16
	L	---	.09	.13	---	.10	.12	---	.07
73.0	U	---	---	---	---	- .17	- .15	---	- .15
80.0	U	---	- .10	- .10	---	- .09	- .10	- .15	- .05
	L	---	.08	.15	---	.13	.11	.01	.07
85.0	U	---	- .09	---	---	- .03	- .06	- .12	- .03
	L	---	.07	.12	---	.12	.02	.04	.07
90.0	U	---	- .06	- .05	---	0	- .04	- .10	- .01
	L	---	.06	.11	---	.12	.05	.03	.07
95.0	U	---	- .01	.01	---	.03	- .02	- .07	.02
	L	---	.05	.08	---	.09	.04	0	.05

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.56	-0.27	-1.00	-1.11	-0.33	-0.14	---	-0.99
6.0	U	- .30	- .65	-1.02	---	- .99	- .70	---	-1.26
	L	.59	.60	.50	.37	.48	.51	---	.40
7.5	U	-1.04	-1.47	-1.55	-1.37	-1.44	-1.27	---	-1.55
	L	.63	.59	.53	.50	.49	.52	---	.48
10.0	U	-1.15	---	-1.49	-1.64	-1.50	-1.29	---	-1.41
	L	.59	---	.49	.49	.48	---	---	.16
12.5	U	-1.12	-1.29	-1.33	-1.45	-1.28	-1.33	---	-1.16
15.0	U	-1.03	-1.15	-1.16	-1.22	-1.14	-1.17	---	-1.05
17.5	U	-1.00	-1.67	-1.75	-1.20	---	---	---	---
20.0	U	-1.15	-1.16	-1.29	-1.50	-1.17	-1.09	-1.43	-1.10
	L	.46	.35	.40	.38	.38	.37	.36	.32
30.0	U	- .76	- .79	- .75	- .87	- .76	- .76	- .79	- .72
	L	.35	.26	.39	.35	.29	.26	.26	.22
40.0	U	- .65	- .61	- .56	- .65	- .60	- .59	---	- .57
	L	.27	.21	.24	.26	.22	.22	.13	.18
50.0	U	- .56	- .46	- .42	- .47	- .44	- .42	- .45	- .42
	L	.21	.17	.19	.21	.17	.16	.10	.11
60.0	U	- .43	- .35	- .33	- .35	- .26	- .26	- .33	- .29
	L	.16	.15	.15	.17	.16	.13	.06	.10
70.0	U	- .33	- .27	- .15	- .18	- .19	- .13	- .22	- .15
	L	.14	.11	.14	.15	.11	.14	.04	.09
73.0	U	---	---	---	---	- .16	- .15	- .21	- .15
80.0	U	- .23	- .10	- .12	- .08	- .09	- .04	- .15	- .06
	L	.08	.09	.15	- .10	.13	.15	.04	.05
85.0	U	---	- .10	- .04	- .09	- .01	- .02	- .12	- .04
	L	---	.08	.12	.15	.13	.09	.06	.06
90.0	U	- .16	- .06	- .02	- .01	0	.01	- .10	- .02
	L	.05	.07	.12	.12	.13	.10	.04	.06
95.0	U	---	- .02	.02	.02	.04	.03	- .09	0
	L	---	.05	.10	.10	.09	.09	.01	.07

NACA

TABLE VII.- CONTINUED

SLAT α = 18.28

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-8.00	-8.42	-8.10	---	-10.66	-8.67	-7.11
0.25	U	-6.12	-9.15	-9.15	-8.49	-10.63	-8.55	-7.90
	L	-1.26	-2.28	-3.18	-3.00	-2.75	-2.74	- .61
0.5	U	-4.67	-6.56	-7.35	-7.04	-7.77	-5.64	-5.73
	L	- .38	-1.07	-1.16	-1.30	-1.39	-1.36	- .69
1.0	U	-3.49	-4.81	-5.72	-5.13	-5.46	-4.26	-4.74
	L	.23	- .18	---	- .14	- .13	- .21	.01
1.5	U	-2.98	-3.75	-5.27	---	-4.26	-3.49	-3.55
	L	.41	.22	.20	.21	.15	.19	---
2.5	U	-2.40	-2.98	-3.75	-2.97	-3.03	-2.53	-2.87
	L	.49	.45	.39	.44	.40	.41	.41
3.5	U	-2.03	-2.40	-2.65	-2.59	-2.55	-2.75	-2.16
	L	.49	.54	.47	.49	.45	.47	.24
4.6	L	.40	.56	.42	.48	.47	.42	---
5.0	U	-1.70	-2.00	-2.14	-2.10	-2.14	---	-1.88
	L	---	.53	.37	.38	.49	.45	.34
7.5	U	-1.35	-1.68	-1.78	-1.66	-1.74	-2.54	-1.51
	L	.19	.54	.38	.43	.44	.46	---
10.0	U	-1.22	-1.45	-1.53	-1.49	-1.58	-1.57	-1.37
	L	.36	.53	.39	.36	.37	.51	.34
15.0	U	-1.03	-1.21	-1.29	-1.30	-1.22	-1.27	-1.19
	L	.06	- .38	- .11	- .46	- .05	- .25	- .42
17.5	U	-1.01	---	-1.23	---	---	---	---
	L	- .64	---	- .81	---	---	---	---

SLAT α = 19.23

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-5.66	-9.81	-9.61	---	-12.11	-4.54	-6.32
0.25	U	-5.84	-10.33	-10.86	-9.93	-11.78	-3.22	-6.19
	L	-1.54	-2.79	---	---	-3.15	-1.67	- .59
0.5	U	-5.07	-7.44	-8.23	-8.10	-8.33	-5.16	-4.87
	L	- .54	-1.41	-1.54	-1.59	-1.65	- .78	- .64
1.0	U	-3.86	-5.53	-6.45	-5.73	-5.86	-3.16	-3.95
	L	.17	- .36	---	- .30	- .24	.03	0
1.5	U	-3.20	-4.21	-5.46	---	-4.54	-3.16	-2.96
	L	.40	.11	.15	.12	.06	.32	---
2.5	U	-2.59	-3.17	-4.08	-3.26	-3.31	-3.21	-2.39
	L	.51	.43	.35	.44	.37	.46	.39
3.5	U	-2.17	-2.64	-2.91	-2.80	-2.91	-3.25	-1.93
	L	.52	.53	.47	.50	.47	.52	.24
4.6	L	.44	.56	.45	.52	.49	.46	---
5.0	U	-1.80	-2.19	-2.35	-2.27	-2.48	---	-1.84
	L	---	.55	.40	.43	.43	.45	.33
7.5	U	-1.44	-1.81	-1.94	-1.80	-2.06	-3.29	-1.64
	L	.25	.57	.41	.46	.45	.50	---
10.0	U	-1.29	-1.57	-1.66	-1.58	-1.73	-2.27	-1.46
	L	.42	.55	.40	.40	.39	.53	.36
15.0	U	-1.08	-1.29	-1.39	-1.26	-1.31	-1.54	-1.22
	L	.07	- .40	- .24	- .48	- .06	- .30	- .43
17.5	U	-1.04	---	-1.31	---	---	---	---
	L	- .66	---	- .88	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.58	-0.32	-1.14	-1.16	-0.35	-0.16	---	-1.01
6.0	U	- .30	- .66	-1.10	---	-1.03	- .74	---	-1.21
	L	.59	.63	.51	.35	.49	.50	---	.47
7.5	U	-1.03	-1.54	-1.66	-1.44	-1.51	-1.32	---	-1.58
	L	.65	.61	.53	.49	.50	.55	---	.46
10.0	U	-1.13	---	-1.59	-1.61	-1.56	-1.34	---	-1.45
	L	.59	---	.51	.48	.49	---	---	.26
12.5	U	-1.12	-1.34	-1.42	-1.51	-1.42	-1.36	---	-1.19
15.0	U	-1.03	-1.19	-1.24	-1.39	-1.19	-1.20	---	-1.07
17.5	U	-1.00	---	---	-1.26	---	---	---	---
20.0	U	-1.25	-1.17	-1.30	-1.54	-1.19	-1.13	-1.43	-1.15
	L	.45	.39	.42	.39	.41	.37	.36	.38
30.0	U	- .76	- .79	- .84	- .90	- .80	- .82	- .79	- .71
	L	.38	.30	.38	.34	.33	.29	.26	.20
40.0	U	- .68	- .63	- .60	- .67	- .60	- .60	---	- .55
	L	.27	.25	.25	.26	.27	.22	.12	.16
50.0	U	- .56	- .47	- .45	- .48	- .44	- .43	- .45	- .39
	L	.21	.20	.21	.22	.21	.17	.10	.12
60.0	U	- .44	- .35	- .26	- .35	- .27	- .27	- .32	- .25
	L	.16	.18	.16	.18	.19	.05	.06	.10
70.0	U	- .34	- .27	- .20	- .17	- .19	- .14	- .22	- .14
	L	.14	.15	.15	.15	.14	.13	.04	.09
73.0	U	---	---	---	---	- .15	- .15	- .21	- .15
80.0	U	- .23	- .09	- .10	- .10	- .09	- .05	- .15	- .07
	L	.09	.11	.15	- .11	.14	.14	.04	.07
85.0	U	---	- .09	- .04	- .09	- .09	- .04	- .12	- .05
	L	---	.09	.15	.15	.13	.07	.08	.08
90.0	U	- .15	- .04	- .02	- .02	0	- .02	- .10	- .03
	L	.05	.06	.12	.11	.12	.09	.04	.07
95.0	U	---	- .01	.02	.01	.03	0	- .09	- .01
	L	---	.05	.10	.10	.08	.07	.01	.08

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.57	-0.42	-1.29	-1.22	-0.42	-0.27	---	-1.02
6.0	U	- .30	- .75	-1.17	---	-1.11	- .85	---	-1.30
	L	.50	.62	.49	.35	.48	.52	---	.47
7.5	U	-1.10	-1.62	-1.79	-1.55	-1.63	-1.50	---	-1.55
	L	.56	.61	.55	.50	.50	.54	---	.49
10.0	U	-1.20	---	-1.69	-1.70	-1.65	-1.45	---	-1.25
	L	.52	---	.51	.51	.49	---	---	.25
12.5	U	-1.18	-1.40	-1.52	-1.68	-1.50	-1.41	---	- .74
15.0	U	-1.07	-1.24	-1.31	-1.44	-1.25	-1.23	---	- .82
17.5	U	-1.05	---	---	-1.32	---	---	---	---
20.0	U	-1.19	-1.14	-1.36	-1.61	-1.25	-1.10	-0.93	- .80
	L	.48	.40	.43	.42	.41	.39	.37	.32
30.0	U	- .80	- .81	- .86	- .92	- .83	- .81	- .60	- .59
	L	.39	.32	.33	.37	.32	.30	.25	.20
40.0	U	- .66	- .63	- .61	- .68	- .62	- .62	---	- .51
	L	.29	.27	.26	.29	.26	.23	.12	.16
50.0	U	- .58	- .49	- .46	- .49	- .46	- .47	- .42	- .45
	L	.23	.22	.25	.22	.19	.17	.10	.11
60.0	U	- .45	- .36	- .27	- .33	- .29	- .30	- .36	- .41
	L	.18	.20	.18	.20	.17	.18	.06	.10
70.0	U	- .35	- .28	- .20	- .17	- .18	- .18	- .32	- .36
	L	.16	.15	.17	.17	.11	.13	.03	.07
73.0	U	---	---	---	---	- .15	- .17	- .31	- .34
80.0	U	- .23	- .10	- .10	- .09	- .09	- .10	- .27	- .24
	L	.10	.12	.16	- .10	.15	.15	0	.04
85.0	U	---	- .09	- .04	- .07	- .03	- .09	- .25	- .20
	L	---	.10	.14	.17	.13	.04	0	.04
90.0	U	- .17	- .05	- .01	- .01	0	- .04	- .25	- .18
	L	.06	.08	.12	.14	.13	.07	- .04	.08
95.0	U	---	- .02	.02	.02	.02	- .04	- .24	- .11
	L	---	.06	.10	.12	.08	.05	.09	.01

NACA

TABLE VII.- CONTINUED

SLAT α = 20.19

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0	U	-8.84	-11.06	-10.72	----	-3.68	-5.07	-4.25
0.25	U	-7.96	-11.45	-11.78	-10.79	-3.09	-3.69	-5.76
	L	-2.11	---	---	---	-1.49	-1.78	- .50
0.5	U	-5.79	-8.10	-8.65	-8.68	-2.96	-3.56	-3.18
	L	- .69	-1.78	-1.86	-2.05	- .71	- .85	- .40
1.0	U	-4.28	-5.66	-6.91	-4.19	-2.26	-3.02	-2.79
	L	0	- .75	---	- .47	.13	- .05	.12
1.5	U	-3.28	-4.48	-5.46	---	-2.96	-2.92	-2.43
	L	.30	0	.10	.03	.30	.27	---
2.5	U	-2.67	-3.49	-4.21	-3.49	-2.82	-2.62	-2.15
	L	.45	.58	.59	.32	.46	.42	.41
3.5	U	-2.42	-2.88	-2.92	-3.02	-2.95	-2.28	-1.93
	L	.50	.51	.44	.45	.52	.46	.24
4.5	U	.43	.57	.47	.52	.49	.41	---
5.0	U	-2.00	-2.26	-2.55	-2.49	-2.99	---	-1.81
	L	---	.57	.42	.45	.40	.41	.31
7.5	U	-1.60	-1.94	-2.13	-2.02	-2.72	-1.94	-1.87
	L	.29	.46	.44	.46	.45	.44	---
10.0	U	-1.42	-1.66	-1.82	-1.78	-2.43	-1.67	-1.34
	L	.45	.57	.40	.39	.39	.49	.35
15.0	U	-1.18	-1.37	-1.46	-1.37	-1.79	-1.48	-1.03
	L	.01	- .43	- .15	- .55	- .09	- .24	- .32
17.5	U	-1.14	---	-1.39	---	---	---	---
	L	- .72	---	- .93	---	---	---	---

SLAT α = 21.16

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0	U	-8.10	-8.05	-6.56	0	-2.72	-4.18	-4.18
0.25	U	-9.18	-6.71	-5.79	-2.92	-2.11	-3.03	-3.86
	L	-2.60	-2.70	-2.75	-1.69	- .69	-1.82	- .40
0.5	U	-5.59	-5.14	-3.88	-2.60	-1.99	-2.56	-3.03
	L	-1.17	-1.40	-1.02	- .66	- .51	- .58	- .86
1.0	U	-4.74	-4.81	-5.96	-2.46	-1.93	-2.29	-2.31
	L	- .09	- .37	---	.13	.50	.11	.19
1.5	U	-3.88	-4.21	---	---	-1.90	-2.28	-1.82
	L	.26	.10	.28	.37	.42	.33	---
2.5	U	-3.10	-3.49	-2.78	-2.28	-1.80	-1.91	-1.54
	L	.49	.43	.45	.54	.53	.45	.42
3.5	U	-2.57	-3.49	-2.53	-2.20	-1.84	-1.55	-1.44
	L	.56	.55	.54	.57	.45	.46	.26
4.5	U	.55	.59	.49	.54	.49	.40	---
5.0	U	-2.13	-3.04	-2.29	-2.18	-1.60	---	-1.40
	L	---	.58	.42	.41	.39	.40	.30
7.5	U	-1.69	-2.59	-2.54	-2.10	-1.72	-1.34	-1.51
	L	.41	.62	.45	.47	.47	.45	---
10.0	U	-1.46	-2.19	-2.28	-2.06	-1.46	-1.27	-1.13
	L	.54	.67	.45	.41	.41	.47	.39
15.0	U	-1.22	-1.65	-2.00	-1.86	-1.31	-1.06	- .82
	L	.04	- .58	- .30	- .78	- .06	- .07	- .22
17.5	U	-1.17	---	-1.82	---	---	---	---
	L	- .75	---	-1.26	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
3.0	U	-0.45	-0.45	-1.39	-1.26	-0.68	-0.19	---	-0.96
6.0	U	- .31	- .77	-1.24	---	-1.45	- .79	---	-1.11
	L	.61	.51	.49	.54	.49	.58	---	.42
7.5	U	-1.14	-1.72	-1.67	-1.68	-2.62	-1.39	---	-1.28
	L	.67	.60	.59	.50	.58	.53	---	.49
10.0	U	-1.26	---	-1.75	-1.76	-1.70	-1.17	---	-1.05
	L	.84	---	.59	.61	.51	---	---	.26
12.5	U	-1.22	-1.45	-1.56	-1.55	-1.43	-1.01	---	- .77
	L	-1.11	-1.28	-1.35	-1.47	-1.17	- .84	---	- .67
15.0	U	-1.06	---	---	-1.38	---	---	---	---
17.5	U	-1.32	-1.27	-1.40	-1.65	-1.35	- .77	-0.85	- .64
20.0	U	.50	.41	.45	.45	.43	.38	.26	.32
	L	- .81	- .84	- .89	- .94	- .79	- .66	- .45	- .44
30.0	U	.41	.55	.34	.38	.34	.28	- .26	- .20
	L	- .67	- .67	- .62	- .68	- .60	- .59	- .11	- .34
40.0	U	.38	.27	.27	.30	.27	.22	.12	.14
	L	- .59	- .50	- .47	- .47	- .45	- .52	- .29	- .35
50.0	U	.26	.23	.22	.26	.21	.16	.10	.10
	L	- .46	- .37	- .26	- .33	- .33	- .40	- .25	- .31
60.0	U	.21	.20	.18	.20	.18	.12	.06	.07
	L	- .38	- .26	- .20	- .19	- .29	- .31	- .25	- .29
70.0	U	.18	.16	.16	.16	.12	.10	.02	.04
	L	---	---	---	---	- .26	- .25	- .25	- .26
73.0	U	---	---	---	---	- .18	- .24	- .23	- .26
80.0	U	- .25	- .12	- .12	- .12	- .14	.12	0	0
	L	.12	.12	.16	- .14	- .14	- .22	- .23	- .24
85.0	U	---	- .10	- .08	- .13	- .12	- .02	0	- .01
	L	---	.10	.13	.13	- .10	- .19	- .22	- .24
90.0	U	- .16	- .06	- .08	- .08	- .10	- .03	- .04	- .03
	L	.08	.06	.10	.09	.10	.18	- .22	- .23
95.0	U	---	- .02	- .04	- .05	- .06	- .01	- .10	- .06
	L	---	.05	.08	.06	.06	.01	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
3.0	U	-0.53	-0.55	-1.82	-1.70	-0.60	-0.04	---	-0.75
6.0	U	- .50	- .98	---	---	-1.33	- .48	---	- .96
	L	.82	.62	.53	.51	.50	.53	---	.47
7.5	U	-1.19	-2.02	-2.41	-2.02	-1.90	- .94	---	-1.32
	L	.67	.62	.57	.51	.58	.51	---	.47
10.0	U	-1.30	---	-1.86	-2.01	-1.69	- .79	---	- .84
	L	.64	---	.54	.55	.43	---	---	.36
12.5	U	-1.28	-1.36	-1.46	-1.50	-1.25	- .66	---	- .81
	L	-1.17	-1.25	-1.19	-1.35	- .93	- .87	---	- .81
15.0	U	-1.12	---	---	-1.18	---	---	---	---
17.5	U	-2.36	-1.20	-1.17	-1.31	- .74	- .58	-0.61	- .49
20.0	U	.51	.43	.46	.43	.39	.36	.28	.31
	L	- .88	- .85	- .82	- .84	- .55	- .45	- .30	- .32
30.0	U	.48	.38	.35	.36	.29	.24	- .20	- .27
	L	- .71	- .68	- .60	- .65	- .50	- .41	- .20	- .12
40.0	U	.35	.29	.27	.29	.22	.19	.13	.12
	L	- .61	- .55	- .50	- .54	- .46	- .37	- .20	- .26
50.0	U	.27	.25	.22	.23	.16	.11	.11	.07
	L	- .49	- .40	- .40	- .46	- .44	- .37	- .20	- .26
60.0	U	.22	.22	.16	.17	.11	.08	.04	.03
	L	- .37	- .31	- .36	- .37	- .47	- .37	- .20	- .25
70.0	U	.18	.16	.13	.13	.04	.04	.03	0
	L	---	---	---	---	- .47	- .30	- .20	- .24
73.0	U	- .25	- .24	- .20	- .26	- .28	- .31	- .22	- .28
80.0	U	.13	.12	.09	- .27	- .08	.08	- .02	- .02
	L	---	- .11	- .22	- .33	- .37	- .33	- .21	- .22
85.0	U	---	.10	.06	.04	.03	- .07	- .01	- .03
	L	---	.10	.06	- .33	- .36	- .32	- .21	- .22
90.0	U	- .13	- .09	- .26	- .02	- .03	- .07	- .06	- .06
	L	.07	.09	.01	- .02	- .03	- .32	- .20	- .22
95.0	U	---	- .06	- .22	- .30	- .34	- .32	- .11	- .08
	L	---	.04	- .04	- .07	- .11	- .12	---	---

NACA

TABLE VII.- CONTINUED

STAT α = 22.11

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-8.42	-3.09	-2.96	---	-1.72	-3.82	-3.58
0.25	U	-2.54	-2.38	-2.65	-1.85	-1.34	-2.52	-3.62
	L	-2.80	-1.29	-1.56	-1.12	- .50	-1.06	- .38
0.5	U	-5.78	-2.33	-2.12	-1.86	-1.31	-2.30	-2.73
	L	-1.30	- .59	- .51	- .40	- .09	- .38	- .23
1.0	U	-4.94	-2.29	-1.90	-1.82	-1.29	-1.91	-2.11
	L	- .17	.03	---	.18	.37	.16	.20
1.5	U	-4.06	-2.31	-1.97	---	-1.29	-1.86	-1.64
	L	.23	.31	.27	.37	.44	.36	---
2.5	U	-3.23	-2.24	-1.80	-1.83	-1.24	-1.53	-1.45
	L	.45	.50	.46	.50	.52	.46	.43
3.5	U	-2.68	-2.20	-1.75	-1.84	-1.27	-1.27	-1.34
	L	.54	.57	.53	.52	.52	.46	.24
4.6	L	.51	.59	.45	.50	.45	.40	---
5.0	U	-2.21	-2.19	-1.67	-1.87	-1.27	-1.17	-1.33
	L	---	.54	.39	.40	.37	.40	.29
7.5	U	-1.79	-2.14	-1.66	-1.81	-1.25	-1.15	-1.25
	L	.42	.56	.41	.42	.43	.42	---
10.0	U	-1.55	-2.10	-1.62	-1.76	-1.25	-1.12	-1.06
	L	.54	.54	.42	.41	.40	.45	.38
15.0	U	-1.28	-1.97	-1.53	-1.48	-1.18	- .85	- .96
	L	.01	.54	- .20	- .57	- .05	.02	- .21
17.5	U	-1.23	---	-1.41	---	---	---	---
	L	- .79	---	-1.00	---	---	---	---

STAT α = 24.00

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-10.45	-2.07	-1.86	---	-1.18	-2.70	-2.44
0.25	U	-11.56	-1.68	-1.61	-1.17	- .92	-1.92	-2.10
	L	---	- .90	-1.01	- .68	- .27	- .77	- .36
0.5	U	-7.83	-1.66	-1.61	-1.16	- .90	-1.75	-1.72
	L	-2.08	- .36	- .22	- .13	.05	- .23	- .09
1.0	U	-5.44	-1.60	-1.53	-1.17	- .89	-1.78	-1.72
	L	- .54	.11	---	.32	.43	.22	.25
1.5	U	-4.35	-1.59	-1.60	- .93	- .89	-1.74	-1.71
	L	.33	.34	.33	.47	.48	.36	---
2.5	U	-3.44	-1.56	-1.48	-1.19	- .84	-1.11	-1.62
	L	.40	.42	.35	.56	.54	.47	.44
3.5	U	-3.00	-1.57	-1.41	-1.18	- .87	- .91	-1.63
	L	.55	.55	.57	.56	.53	.46	.24
4.6	L	.58	.56	.46	.53	.47	.40	---
5.0	U	-2.69	-1.56	-1.32	-1.18	- .87	-1.03	-1.57
	L	---	.53	.41	.38	.40	.41	.30
7.5	U	-2.21	-1.60	-1.32	-1.17	- .88	- .89	-1.03
	L	.53	.57	.42	.43	.41	.42	---
10.0	U	-1.85	-1.62	-1.31	-1.19	- .89	- .98	- .69
	L	.57	.53	.46	.46	.42	.45	.40
15.0	U	-1.51	-1.61	-1.29	-1.18	- .87	- .72	- .66
	L	- .05	- .66	- .11	- .46	- .02	.06	- .14
17.5	U	-1.45	---	-1.21	---	---	---	---
	L	- .95	---	- .87	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.55	-0.93	-1.41	-1.53	-0.31	0.03	---	-0.71
6.0	W	- .31	-1.26	-1.26	---	-1.00	- .34	---	- .93
	L	.54	.51	.50	.33	.51	.53	---	.45
7.5	U	-1.29	-2.49	-1.84	-1.89	-1.49	- .75	---	-1.58
	L	.70	.62	.53	.51	.52	.51	---	.45
10.0	U	-1.33	---	-1.46	-1.67	-1.30	- .63	---	- .80
	L	.64	---	.52	.52	.49	---	---	.22
12.5	U	-1.31	-1.58	-1.17	-1.54	-1.01	- .58	---	- .54
15.0	U	-1.19	-1.29	- .96	-1.27	- .75	- .47	---	- .47
17.5	U	-1.16	---	---	-1.10	---	---	---	---
20.0	U	-1.11	-1.15	- .93	-1.11	- .63	- .43	-0.87	- .45
	L	.54	.43	.43	.41	.40	.34	.37	.29
30.0	U	- .87	- .88	- .63	- .73	- .46	- .37	- .27	- .31
	L	.45	.35	.31	.35	.29	.25	.26	.16
40.0	U	- .73	- .78	- .55	- .60	- .42	- .33	- .05	- .26
	L	.35	.29	.24	.26	.22	.17	.13	.11
50.0	U	- .65	- .67	- .52	- .56	- .40	- .32	- .19	- .26
	L	.28	.24	.18	.20	.14	.10	.11	.06
60.0	U	- .51	- .53	- .51	- .53	- .42	- .32	- .20	- .26
	L	.23	.20	.11	.14	.10	.07	.06	.04
70.0	U	- .40	- .43	- .51	- .49	- .42	- .34	- .20	- .24
	L	.19	.15	.09	.07	.02	.03	.03	.03
75.0	U	---	---	---	---	- .42	- .28	- .20	- .25
80.0	U	- .28	- .29	- .33	-1.31	- .29	- .29	- .21	- .19
	L	.13	.11	.05	- .33	.05	.06	- .02	- .02
85.0	U	---	- .15	- .44	- .39	- .36	- .30	- .20	- .19
	L	---	.09	0	.01	.01	- .07	- .03	- .03
90.0	U	- .21	- .12	- .41	- .39	- .35	- .30	- .20	- .20
	L	.07	.06	- .06	- .06	- .05	- .07	- .05	- .05
95.0	U	---	- .09	- .39	- .36	- .34	- .30	- .20	- .20
	L	---	.03	- .13	- .13	- .14	- .13	- .09	- .07

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.56	-0.81	-1.25	-1.26	-0.18	0.06	---	-0.52
6.0	W	- .33	-1.13	-1.15	- .68	- .74	- .27	---	- .77
	L	.55	.62	.54	.38	.53	.54	---	.50
7.5	U	-1.35	-2.26	-1.69	-1.58	-1.13	- .54	---	- .96
	L	.72	.62	.57	.53	.52	.53	---	.49
10.0	U	-1.51	---	-1.46	-1.61	-1.02	- .54	---	- .75
	L	.70	---	.53	.54	.49	---	---	.27
12.5	U	-1.44	-1.70	-1.27	-1.36	- .85	- .47	---	- .52
15.0	U	-1.32	-1.46	-1.06	-1.19	- .68	- .42	---	- .43
17.5	U	-1.26	-1.27	-1.25	-1.02	-1.02	- .49	---	- .98
20.0	U	-1.27	-1.30	-1.04	-1.14	- .83	- .39	-0.56	- .41
	L	.58	.42	.44	.43	.40	.37	.35	.33
30.0	U	- .96	- .92	- .71	- .73	- .47	- .37	- .32	- .30
	L	.48	.54	.33	.36	.30	.27	.24	.19
40.0	U	- .64	- .87	- .63	- .59	- .42	- .33	- .08	- .27
	L	.39	.27	.26	.26	.22	.19	.11	.14
50.0	U	- .75	- .81	- .61	- .54	- .41	- .30	- .26	- .26
	L	.32	.20	.19	.20	.14	.12	.06	.09
60.0	U	- .61	- .75	- .59	- .51	- .41	- .30	- .25	- .26
	L	.24	.17	.10	.12	.10	.08	.04	.07
70.0	U	- .48	- .71	- .63	- .50	- .44	- .32	- .26	- .24
	L	.21	.11	.06	.05	.02	.04	.01	.02
75.0	U	---	---	---	---	- .45	- .28	- .25	- .24
80.0	U	- .36	- .37	- .41	- .38	- .37	- .32	- .26	- .25
	L	.14	.09	.01	---	.02	.02	.01	- .04
85.0	U	---	- .44	- .56	- .47	- .41	- .33	- .25	- .25
	L	---	.05	- .06	- .05	- .04	- .10	- .03	- .06
90.0	U	- .27	- .35	- .54	- .47	- .41	- .34	- .24	- .25
	L	.07	.02	- .12	- .11	- .09	- .10	- .08	- .08
95.0	U	---	- .24	- .51	- .44	- .41	- .33	- .24	- .25
	L	---	- .02	- .21	- .18	- .19	- .16	- .13	- .10

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TABLE VII.- CONCLUDED

SLAT $\alpha = 25.91$

Orifice Location Percent Chord		STATIONS						
		I	A	III	B	C	D	E
0		-12.44	-1.74	-1.46	-0.97	-0.89	-1.96	-1.70
0.25	U	-13.30	-1.45	-1.22	---	- .72	-1.44	-1.43
	L	---	- .83	- .84	- .58	- .19	.61	- .31
0.5	U	-8.86	-1.42	-1.22	- .97	- .71	-1.45	-1.39
	L	-2.25	- .34	- .14	- .09	.09	.15	- .07
1.0	U	-6.36	-1.37	-1.20	- .97	- .69	-1.67	-1.53
	L	- .60	.11	---	.32	.43	.24	.25
1.5	U	-5.36	-1.37	-1.24	- .92	- .68	-1.48	-1.64
	L	.03	.34	.33	.46	.47	.39	---
2.5	U	-4.21	-1.35	-1.12	- .98	- .65	- .84	-1.67
	L	.42	.50	.51	.56	.53	.47	.43
3.5	U	-3.71	-1.35	-1.09	- .96	- .67	- .74	-2.00
	L	.58	.56	.55	.46	.52	.47	.26
4.5	L	.62	.59	.47	.53	.47	.42	---
5.0	U	-3.36	-1.36	-1.05	- .96	- .66	- .83	-1.80
	L	---	.57	.41	.44	.41	.42	.33
7.5	U	-2.75	-1.37	-1.06	- .95	- .67	- .74	- .76
	L	.57	.59	.42	.46	.41	.43	---
10.0	U	-2.52	-1.39	-1.05	- .96	- .68	- .85	- .58
	L	.59	.56	.46	.46	.41	.47	.41
15.0	U	-1.87	-1.39	-1.02	- .95	- .67	- .72	- .59
	L	- .12	- .53	- .03	- .34	- .02	.05	- .12
17.5	U	-1.76	---	- .77	---	---	---	---
	L	-1.34	---	- .69	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS							
		I	A	B	III	C	D	VI	E
5.0	U	-0.64	-0.64	-0.99	-1.03	-0.11	0.05	---	-0.55
6.0	U	- .37	- .93	- .92	- .53	- .57	- .30	---	- .75
	L	.65	.62	.54	.41	.53	.54	---	.48
7.5	U	-1.51	-1.93	-1.39	-1.29	- .91	- .72	----	- .93
	L	.64	.62	.55	.54	.52	.54	---	.49
10.0	U	-1.69	---	-1.22	-1.33	- .87	- .64	---	- .75
	L	.71	---	.53	.54	.50	---	---	.26
12.5	U	-1.63	-1.48	-1.08	-1.17	- .77	- .55	---	- .54
15.0	U	-1.47	-1.32	- .93	-1.05	- .62	- .47	---	- .46
17.5	U	-1.42	-1.78	-1.31	- .95	-1.34	- .53	---	- .97
20.0	U	-1.73	-1.25	-1.02	-1.14	- .68	- .44	-0.58	- .43
	L	.59	.43	.44	.42	.40	.38	.36	.34
30.0	U	-1.16	- .99	- .81	- .82	- .58	- .43	- .34	- .33
	L	.50	.34	.33	.37	.30	.27	.26	.18
40.0	U	-1.04	- .89	- .64	- .64	- .47	- .40	- .10	- .32
	L	.40	.27	.25	.27	.22	.20	.12	.14
50.0	U	- .94	- .84	- .60	- .54	- .45	- .36	- .29	- .31
	L	.32	.21	.18	.19	.14	.12	.09	.09
60.0	U	- .78	- .81	- .59	- .52	- .44	- .34	- .29	- .31
	L	.25	.16	.09	.12	.10	.08	.04	.07
70.0	U	- .64	- .79	- .62	- .50	- .45	- .33	- .28	- .29
	L	.21	.08	.05	.05	.01	.04	.01	.01
73.0	U	---	---	---	---	- .46	- .34	- .27	- .29
80.0	U	- .49	- .45	- .45	- .43	- .40	- .34	- .26	- .29
	L	.12	.04	- .03	---	.02	.03	- .04	- .05
85.0	U	---	- .66	- .59	- .49	- .42	- .33	- .26	- .29
	L	---	- .01	- .09	- .05	- .03	- .10	.03	- .07
90.0	U	- .41	- .58	- .59	- .50	.42	- .34	- .26	- .29
	L	.03	- .07	- .16	- .13	- .09	- .11	.08	- .09
95.0	U	---	- .51	- .58	- .49	.42	- .34	- .25	- .29
	L	---	- .16	- .27	- .20	- .20	- .17	.13	- .12

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TABLE VIII.- PRESSURE COEFFICIENTS[1] FOR THE WING WITH SLATS EXTENDED, 40- TO 97-PERCENT SEMISPAN. FLAPS DEFLECTED. $R = 8 \times 10^6$

SLAT $\alpha = -8.18$

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-2.56	---	-1.94	-2.24	-0.46
0.25	U	-.79	-0.31	-.30	-.31	.06
	L	-3.04	-2.15	-2.71	-1.71	-.27
0.5	U	-.65	.13	.12	.18	.31
	L	-.63	-1.46	-1.41	-1.17	-.29
1.0	U	-.36	.44	.40	.42	.41
	L	-.64	-.74	-.74	-.66	-.26
1.5	U	-.64	.76	.47	.49	.53
	L	-.64	-.49	-.50	-.59	---
2.5	U	.47	.46	.44	.49	.41
	L	-.59	-.40	-.43	-.51	-.35
3.5	U	.44	.40	.43	.45	.36
	L	-.56	-.40	-.43	-.56	-.17
4.6	L	-.53	-.42	-.46	-.61	---
5.0	U	-.35	.37	.39	.28	.34
	L	-.46	-.40	-.40	-.44	-.53
7.5	U	.28	.26	.30	.41	.22
	L	-.51	-.45	-.46	-.48	---
10.0	U	.24	.18	.20	.26	.16
	L	-.56	-.47	-.56	-.45	-.52
15.0	U	.06	.04	.03	.03	-.04
	L	-.42	-.49	-.06	-.58	-.56
17.5	U	-.08	---	---	---	---
	L	-.41	---	---	---	---

SLAT $\alpha = -6.14$

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-1.42	---	-1.71	-2.28	-1.77
0.25	U	-.88	-0.07	-.11	-.23	-.22
	L	-2.36	-2.19	-2.42	-2.31	-.27
0.5	U	.27	.28	.23	.23	.35
	L	-.37	-1.07	-2.06	-1.22	-1.29
1.0	U	.56	.47	.45	.45	.43
	L	-.56	-1.13	-1.23	-1.22	-.30
1.5	U	.56	.74	.47	.49	.45
	L	-.55	-.81	-.97	-.77	---
2.5	U	.40	.43	.42	.45	.44
	L	-.72	-.54	-.62	-.48	-.30
3.5	U	.37	.33	.38	.41	.39
	L	-.52	-.36	-.41	-.40	-.17
4.5	L	-.53	-.21	-.30	-.38	---
5.0	U	.34	.29	.33	.25	.35
	L	-.28	-.23	-.29	-.38	-.21
7.5	U	.22	.20	.23	.37	.24
	L	-.28	-.24	-.33	-.33	---
10.0	U	.18	.19	.14	.19	.18
	L	-.25	-.26	-.33	-.33	-.29
15.0	U	-.01	-.02	-.04	-.03	-.07
	L	-.26	-.26	-.02	-.38	-.29
17.5	U	-.12	---	---	---	---
	L	-.25	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-0.62	-0.34	---	---	---	---	---	---
0.25	U	.24	.51	---	---	---	---	---	---
	L	-1.76	-1.83	---	---	---	---	---	---
0.5	U	.44	.56	---	---	---	---	---	---
	L	-1.63	-1.27	---	---	---	---	---	---
1.0	U	.47	---	---	---	---	---	---	---
	L	-1.35	-1.03	---	---	---	---	---	---
1.5	U	.45	.46	---	---	---	---	---	---
	L	-1.08	---	---	---	---	---	---	---
2.5	U	.39	.36	---	---	---	---	---	---
	L	-.85	-.66	---	---	---	---	---	---
3.5	U	.33	.31	---	---	---	---	---	---
	L	-.73	-.57	---	---	---	---	---	---
5.0	U	-.57	-.54	-0.53	-0.52	-0.60	-0.56	---	-0.58
	L	-.58	---	---	---	---	---	---	---
6.0	U	---	---	-.59	-.57	-.56	-.53	---	-.58
	L	---	-.38	-.48	-.53	-.54	-.09	---	-.54
7.5	U	.21	.15	-.55	-.57	-.54	-.55	---	-.58
	L	-.60	-.34	-.58	-.58	-.59	-.44	---	-.38
10.0	U	.17	.08	---	-.57	-.55	-.54	---	-.53
	L	-.46	---	-.72	-.52	-.73	-.50	---	-.54
12.5	U	---	---	.01	.09	.04	.07	---	.11
15.0	U	.01	-.01	-.08	-.06	.01	.02	---	.08
17.5	U	.06	-.04	-.12	-.08	-.22	-.44	---	-.72
20.0	U	.22	-.09	-.27	-.29	-.14	-.09	-.16	-.10
	L	-.34	-.28	-.04	-.06	-.28	-.22	-.61	-.57
30.0	U	-.03	-.21	-.23	-.24	-.16	-.12	-.16	-.06
	L	-.29	-.20	.08	.11	-.13	-.49	-.42	-.28
40.0	U	-.11	-.22	-.36	-.31	-.20	-.12	-.05	-.12
	L	-.25	.06	.07	.07	-.14	-.31	.39	-.18
50.0	U	-.20	-.40	-.45	-.34	-.21	-.12	-.11	-.11
	L	-.19	.06	.12	.10	-.18	-.12	.33	-.16
60.0	U	-.24	-.46	-.49	-.39	-.18	-.13	-.09	-.13
	L	-.10	.15	.17	.15	-.09	-.06	.28	-.17
70.0	U	-.33	-.68	-.60	-.45	-.23	---	-.04	-.06
	L	-.01	.28	.21	.21	-.07	-.05	.22	-.16
73.0	U	---	---	---	---	-.25	-.09	-.08	-.06
80.0	U	-.54	-1.01	-.79	-.59	-.14	-.05	-.06	-.03
	L	.08	.20	---	---	-.08	-.11	-.11	-.13
85.0	U	---	---	---	---	-.10	-.03	-.04	---
	L	---	---	---	---	-.07	-.08	-.10	-.09
90.0	U	-.80	---	---	---	-.08	-.02	-.04	0
	L	-.27	---	---	---	-.07	-.06	-.08	-.04
95.0	U	---	---	---	---	-.21	-.02	-.05	-.08
	L	---	---	---	---	-.08	-.06	-.09	-.01

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-0.18	0.29	---	---	---	---	---	---
0.25	U	.42	.53	---	---	---	---	---	---
	L	-1.11	-.38	---	---	---	---	---	---
0.5	U	.46	.43	---	---	---	---	---	---
	L	-1.09	-.55	---	---	---	---	---	---
1.0	U	.43	.02	---	---	---	---	---	---
	L	-.92	-.45	---	---	---	---	---	---
1.5	U	.38	.28	---	---	---	---	---	---
	L	-.77	---	---	---	---	---	---	---
2.5	U	.21	.21	---	---	---	---	---	---
	L	-.52	-.34	---	---	---	---	---	---
3.5	U	.25	.16	---	---	---	---	---	---
	L	-.52	-.27	---	---	---	---	---	---
5.0	U	.19	.10	-0.27	-0.28	-0.34	-0.34	---	-0.38
	L	-.42	---	---	---	---	---	---	---
6.0	U	---	---	-.22	-.22	-.32	-.44	---	-.38
	L	---	-.17	-.22	-.22	-.24	-.24	---	-.32
7.5	U	.14	.03	-.27	-.29	-.41	-.47	---	-.42
	L	-.46	-.18	-.30	-.29	-.34	-.34	---	-.58
10.0	U	.09	-.03	-.27	-.32	-.28	-.23	---	-.36
	L	-.38	---	-.30	-.28	-.33	-.33	---	-.34
12.5	U	---	---	-.09	-.04	-.02	.01	---	.10
15.0	U	0	-.09	-.15	-.09	-.06	-.04	---	.01
17.5	U	.03	-.12	-.15	-.12	-.22	-.28	---	-.26
20.0	U	.15	-.17	-.34	-.34	-.22	-.13	-.20	-.14
	L	-.27	-.19	-.02	0	-.42	-.42	-.42	-.43
30.0	U	-.06	-.26	-.39	-.32	-.22	-.16	-.11	-.12
	L	-.22	-.13	-.08	-.10	-.18	-.18	.37	-.06
40.0	U	-.15	-.36	-.41	-.39	-.24	-.17	-.04	-.18
	L	-.20	-.04	.08	.09	-.13	-.13	.30	-.09
50.0	U	-.24	-.43	-.49	-.38	-.26	-.15	-.12	-.14
	L	-.18	.07	.14	.12	-.12	-.13	.24	-.13
60.0	U	-.27	-.49	-.45	-.42	-.20	-.18	-.08	-.14
	L	-.07	.17	.15	.17	-.06	-.08	.19	-.18
70.0	U	-.38	-.71	-.62	-.46	-.27	---	-.04	-.07
	L	.01	.24	.22	.22	-.03	-.05	-.01	-.11
73.0	U	---	---	---	---	-.22	-.11	-.04	-.07
80.0	U	-.56	-1.04	-.81	-.93	-.16	-.05	-.04	-.08
	L	.07	.20	.18	---	-.11	-.11	-.02	-.08
85.0	U	---	---	---	---	-.13	-.04	-.02	---
	L	---	---	---	---	-.04	-.04	0	-.01
90.0	U	-.81	---	---	---	-.19	-.01	-.01	0
	L	-.26	---	---	---	-.01	-.01	.03	.02
95.0	U	---	---	---	---	-.20	.01	.01	.02
	L	---	---	---	---	.01	.01	.03	.04

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.14	-1.76	-1.67
1.0	U	-1.79	---	-2.22
	L	.51	.59	.32
2.0	U	-4.50	---	-2.40
	L	.64	.52	.41
3.0	U	-4.00	-2.63	-1.76
	L	.56	---	.39
4.0	U	-2.69	-2.17	-1.46
	L	.50	.42	---
5.0	U	-2.02	-1.56	-1.41
	L	.36	.43	.27
6.0	U	-1.06	-1.04	-1.37
	L	.08	.21	.12

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0	U	-0.83	-0.24	-0.62
73.25	U	-.01	---	---
	L	---	-.01	-.14
75.5	U	-.22	-.47	---
	L	.36	.14	.03
76.0	U	-1.12	-.22	-1.16
	L	.63	.39	.25
77.5	U	-1.56	-1.17	-1.29
	L	.70	.50	.43
80.0	U	-1.30	-1.17	-.75
	L	.58	.50	.46
82.5	U	-1.00	-.80	---
	L	.60	.45	.45
85.0	U	-.75	-.58	-.53
	L	.55	.40	.43
90.0	U	-.45	-.33	-.41
	L	.44	.28	.33
95.0	U	-.30	-.17	-.31
	L	.27	.16	.29

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.17	-1.85	-1.72
1.0	U	-4.56	---	-2.96
	L	.51	.42	.37
2.0	U	-4.77	---	-2.43
	L	.65	.53	.44
3.0	U	-4.07	-2.70	-1.77
	L	.58	---	.41
4.0	U	-2.68	-2.20	-1.47
	L	.50	.50	---
5.0	U	-2.02	-1.56	-1.42
	L	.37	.45	.29
6.0	U	-1.34	-1.04	-1.39
	L	.10	.33	.14

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0	U	-0.93	-0.29	-0.59
73.25	U	---	---	---
	L	---	-.01	-0.10
75.5	U	-.53	-.47	---
	L	.29	.19	.07
76.0	U	-1.12	-.22	-1.16
	L	.63	.43	.29
77.5	U	-1.66	-1.19	-1.36
	L	.71	.53	.46
80.0	U	-1.29	-1.21	-.76
	L	.66	.52	.47
82.5	U	-.97	-.82	---
	L	.61	.46	.44
85.0	U	-.74	-.60	-.53
	L	.56	.42	.44
90.0	U	-.42	-.34	-.41
	L	.45	.28	.34
95.0	U	-.26	-.17	-.32
	L	.30	.18	.29

NACA

[1]Pressure coefficients tabulated are defined as $(p_l - p_u)/q$

TABLE VIII.- CONTINUED

SLAT α = -4.01

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-0.60	---	-0.60	-1.97	-1.60
0.25	U	.25	-0.25	.30	.19	.01
	L	-1.26	-1.12	-1.44	-1.60	-.19
0.5	U	-.47	.46	.41	.41	.36
	L	-.47	-1.03	-1.19	-1.45	-1.53
1.0	U	-.29	.46	.45	.46	.45
	L	-.46	-.80	-.97	-.96	-.95
1.5	U	-.47	.29	.43	.46	.49
	L	-.46	-.47	-.65	-.72	---
2.5	U	.29	.32	.32	.36	.36
	L	-.43	-.34	-.46	-.54	-.67
3.5	U	.27	.29	.29	.31	.32
	L	-.21	-.27	-.34	-.41	-.21
4.6	L	-.09	-.10	-.15	-.20	---
5.0	U	-.21	.17	.19	.18	.25
	L	-.11	-.11	-.18	-.23	-.16
7.5	U	.09	.09	.11	.26	.18
	L	-.19	-.16	-.23	-.22	---
10.0	U	.03	-.02	.01	.09	.06
	L	-.28	-.17	-.24	-.22	-.21
15.0	U	-.12	-.11	-.13	-.09	-.13
	L	-.38	-.33	-.03	-.24	-.21
17.5	U	-.20	---	---	---	---
	L	-.23	---	---	---	---

SLAT α = -1.96

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		0.03	---	0.06	-0.31	-0.40
0.25	U	.43	0.42	.45	.42	.33
	L	-.25	-.46	-.66	-.52	-.64
0.5	U	.41	.42	.43	.45	.43
	L	-.41	-.49	-.52	-.59	-.09
1.0	U	.27	.33	.34	.41	.41
	L	-.41	-.40	-.44	-.52	-.75
1.5	U	-.41	.27	.24	.34	.34
	L	-.41	-.53	-.72	-.81	0
2.5	U	.14	.12	.17	.26	.26
	L	-.32	-.22	-.29	-.24	-.31
3.5	U	.12	.06	.12	.19	.23
	L	-.26	-.17	-.19	-.29	-.19
4.6	L	-.19	-.03	-.12	-.30	---
5.0	U	-.16	.08	.06	.03	.14
	L	-.15	-.07	-.11	-.15	-.08
7.5	U	-.06	-.05	-.03	-.15	.06
	L	-.24	-.22	-.32	-.13	---
10.0	U	-.02	-.13	-.10	-.01	-.08
	L	-.06	-.25	-.22	-.12	-.16
15.0	U	-.22	-.20	-.23	-.17	-.19
	L	-.17	-.54	-.06	-.23	-.23
17.5	U	-.20	---	---	---	---
	L	-.21	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		0.28	0.55	---	---	---	---	---	---
0.25	U	.45	.24	---	---	---	---	---	---
	L	-.40	.25	---	---	---	---	---	---
0.5	U	.32	.07	---	---	---	---	---	---
	L	-.49	.11	---	---	---	---	---	---
1.0	U	.27	-.01	---	---	---	---	---	---
	L	-.48	.07	---	---	---	---	---	---
1.5	U	.20	-.01	---	---	---	---	---	---
	L	-.42	---	---	---	---	---	---	---
2.5	U	.15	-.09	---	---	---	---	---	---
	L	-.38	.02	---	---	---	---	---	---
3.5	U	.08	-.10	---	---	---	---	---	---
	L	-.35	.02	---	---	---	---	---	---
5.0	U	.04	-.12	-0.32	-0.41	-0.33	-0.29	---	-0.20
	L	-.26	---	---	---	---	---	---	---
6.0	U	---	---	-.31	-.44	-.31	-.22	---	-.19
	L	---	.04	-.26	-.37	-.33	-.18	---	-.20
7.5	U	.01	-.17	-.31	-.34	-.31	-.21	---	-.20
	L	-.32	.03	-.20	-.26	-.29	-.18	---	-.21
10.0	U	-.02	-.21	-.32	-.34	-.21	-.22	---	-.24
	L	-.22	---	-.03	-.04	-.18	-.01	---	-.15
12.5	U	---	---	-.33	-.34	-.15	-.10	---	-.07
15.0	U	-.01	-.26	-.33	-.31	-.15	-.14	---	-.04
17.5	U	-.04	-.24	-.32	-.20	-.24	-.75	---	-.76
20.0	U	0	-.25	-.45	-.45	-.33	-.23	-0.29	-.20
	L	-.18	-.09	.19	-.18	.11	-.13	-.07	-.07
30.0	U	-.16	-.37	-.47	-.42	-.30	-.23	-.19	-.16
	L	-.18	-.08	-.09	-.12	-.05	-.06	-.05	-.04
40.0	U	-.22	-.49	-.46	-.44	-.31	-.22	-.07	-.19
	L	-.15	.02	-.18	-.10	-.05	-.09	-.12	-.10
50.0	U	-.22	-.50	-.36	-.45	-.31	-.19	-.17	-.18
	L	-.10	.13	.17	-.14	-.07	-.10	-.08	-.08
60.0	U	-.38	-.56	-.48	-.42	-.25	-.16	-.12	-.15
	L	-.05	.21	.22	-.18	-.08	-.06	-.07	-.07
70.0	U	-.36	-.73	-.62	-.01	-.30	---	-.03	-.07
	L	.04	.27	.26	-.45	-.09	-.01	-.03	-.08
75.0	U	---	---	---	---	-.21	-.11	-.06	-.07
80.0	U	-.56	-1.09	-.54	-.97	-.19	-.08	-.03	-.08
	L	.09	---	.22	---	-.07	-.18	0	-.03
85.0	U	---	---	---	---	-.15	-.08	0	---
	L	---	---	---	---	-.04	-.02	.02	0
90.0	U	-.82	---	---	---	-.12	-.01	.02	.01
	L	-.24	---	---	---	-.06	.01	.05	.06
95.0	U	---	---	---	---	-.20	.02	.05	.03
	L	---	---	---	---	-.10	.03	.06	.05

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.24	-1.93	-1.73
1.0	U	-4.54	---	-2.22
	L	.51	.47	.40
2.0	U	-4.27	---	-2.47
	L	.65	.56	.46
3.0	U	-3.74	-2.70	-1.80
	L	.57	---	.43
4.0	U	-2.75	-2.25	-1.50
	L	.49	.53	---
5.0	U	-2.07	-1.57	-1.45
	L	.36	.47	.31
6.0	U	-1.49	-1.01	-1.40
	L	.08	.38	.18

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.23	-0.19	-0.59
75.25	U	---	---	---
	L	---	-.01	-.09
75.5	U	-.84	-.44	---
	L	.57	.35	.07
76.0	U	-1.16	-.83	-1.18
	L	.62	.47	.39
77.5	U	-1.90	-1.20	-1.32
	L	.70	.55	.46
80.0	U	-1.28	-1.22	-.76
	L	.66	.53	.47
82.5	U	-.99	-.84	---
	L	.60	.47	.48
85.0	U	-.76	-.61	-.53
	L	.55	.43	.44
90.0	U	-.42	-.26	-.41
	L	.44	.30	.34
95.0	U	-.30	-.19	-.26
	L	.30	.19	.29

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		0.45	0.31	---	---	---	---	---	---
0.25	U	.27	-.32	---	---	---	---	---	---
	L	.12	.22	---	---	---	---	---	---
0.5	U	.12	.46	---	---	---	---	---	---
	L	-.01	.44	---	---	---	---	---	---
1.0	U	.03	-.06	---	---	---	---	---	---
	L	-.06	.37	---	---	---	---	---	---
1.5	U	-.02	-.36	---	---	---	---	---	---
	L	-.09	---	---	---	---	---	---	---
2.5	U	-.08	-.32	---	---	---	---	---	---
	L	-.11	.35	---	---	---	---	---	---
3.5	U	-.11	-.35	---	---	---	---	---	---
	L	-.11	.22	---	---	---	---	---	---
5.0	U	-.19	-.33	-0.61	-0.41	-0.60	-0.27	---	-0.21
	L	-.10	---	---	---	---	---	---	---
6.0	U	---	---	-.57	-.72	-.20	-.26	---	-.21
	L	---	.20	.24	-.12	.02	-.13	---	-.20
7.5	U	-.15	-.24	-.40	-.39	-.26	-.26	---	-.22
	L	-.18	.14	.22	.25	.22	-.10	---	-.09
10.0	U	-.15	-.36	-.44	-.41	-.24	-.27	---	-.22
	L	-.10	---	.25	.40	.21	0	---	---
12.5	U	---	---	-.44	-.45	-.37	-.28	---	-.21
15.0	U	-.03	-.27	-.49	-.49	-.34	-.27	---	-.23
17.5	U	-.08	-.32	-.06	-.30	-.70	-.72	---	-.47
20.0	U	-.08	-.37	-.56	-.50	-.45	-.33	-0.35	-.27
	L	-.10	-.01	.18	.19	.09	.04	.09	---
30.0	U	-.24	-.43	-.56	-.52	-.34	-.30	-.24	-.21
	L	-.09	.02	.19	.14	0	-.05	-.02	-.06
40.0	U	-.29	-.50	-.53	-.52	-.35	-.27	-.08	-.22
	L	-.10	.07	.14	.15	-.02	-.07	-.11	-.09
50.0	U	-.34	-.54	-.59	-.52	-.36	-.22	-.19	-.19
	L	-.06	.12	.19	.16	-.03	-.08	-.07	-.08
60.0	U	-.27	-.57	-.53	-.53	-.28	-.18	-.13	-.17
	L	0	.22	.23	.20	-.02	-.04	-.06	-.05
70.0	U	-.43	-.77	-.67	-.60	-.35	---	-.08	-.06
	L	.07	.27	.27	.41	-.07	-.01	-.02	-.03
73.0	U	---	---	---	---	-.23	-.12	-.04	-.06
80.0	U	-.61	-1.08	-.64	-.97	-.21	-.07	-.03	-.04
	L	.11	.24	.22	---	-.08	-.13	-.01	-.06
85.0	U	---	---	---	---	-.17	-.06	0	-.03
	L	---	---	---	---	-.07	-.02	.01	.01
90.0	U	-.83	---	---	---	-.13	-.02	.02	.01
	L	-.26	---	---	---	-.09	.01	.04	.03
95.0	U	---	---	---	---	-.20	.01	.06	.03
	L	---	---	---	---	-.10	.03	.06	.05

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.22	-1.86	-1.70
1.0	U	-4.60	---	-2.86
	L	.48	.47	.42
2.0	U	-4.27	---	-2.40
	L	.61	.57	.47
3.0	U	-3.74	-2.59	-1.76
	L	.55	---	.43
4.0	U	-2.91	-2.18	-1.48
	L	.48	.53	---
5.0	U	-2.06	-1.50	-1.42
	L	.34	.47	.33
6.0	U	-1.49	-.96	-1.56
	L	.08	.36	.17

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.24	-0.18	-0.59
75.25	U	---	---	---
	L	---	0	.04
75.5	U	-.85	-.42	---
	L	.58	.38	.14
76.0	U	-1.14	-.79	-1.18
	L	.59	.46	.36
77.5	U	-1.86	-1.14	-1.30
	L	.67	.54	.30
80.0	U	-1.26	-1.17	-.77
	L	.63	.52	.30
82.5	U	-.98	-.81	---
	L	.57	.47	.49
85.0	U	-.73	-.59	-.54
	L	.53	.42	.47
90.0	U	-.42	-.33	-.43
	L	.44	.32	.34
95.0	U	-.28	-.17	-.26
	L	.30	.20	.29

NACA

TABLE VIII.- CONTINUED

SLAT $\delta = 0.15$

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		0.39	---	0.42	0.26	0.17
0.25	U	.38	0.42	.37	.44	.44
	L	.04	.06	- .08	.17	- .04
0.5	U	- .29	.24	- .22	.34	.39
	L	- .37	- .05	- .14	- .29	- .42
1.0	U	- .34	.08	- .08	- .25	- .22
	L	- .39	- .09	- .13	- .27	- .39
1.5	U	- .29	.64	.05	- .16	.21
	L	- .28	- .02	- .13	- .20	- .01
2.5	U	- .19	- .04	- .04	- .07	.12
	L	- .12	- .10	- .12	- .16	- .22
3.5	U	- .08	- .11	- .08	- .01	- .10
	L	- .20	- .10	- .11	- .14	- .07
4.5	L	- .13	- .10	- .10	- .11	---
5.0	U	- .20	- .12	- .12	- .13	.02
	L	- .14	- .13	- .11	- .10	- .08
7.5	U	- .25	- .20	- .17	- .03	- .08
	L	- .21	- .20	- .26	- .12	---
10.0	U	- .24	- .25	- .24	- .16	- .10
	L	- .30	- .23	- .24	- .10	- .15
15.0	U	- .24	- .34	- .34	- .30	- .25
	L	.05	- .30	- .07	- .27	- .24
17.5	U	- .28	---	---	---	---
	L	- .21	---	---	---	---

SLAT $\delta = 2.34$

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		0.41	---	0.33	0.45	0.44
0.25	U	.05	0.17	- .10	.18	.38
	L	.22	.22	.22	.26	- .04
0.5	U	- .37	- .17	- .25	- .22	.18
	L	- .21	.39	- .21	.14	- .01
1.0	U	- .42	- .22	- .33	- .10	.03
	L	- .27	.19	.17	.08	.07
1.5	U	- .34	---	- .26	- .15	.04
	L	- .38	.15	.11	.02	.01
2.5	U	- .45	- .22	- .33	- .17	- .11
	L	.10	.08	.04	.01	- .08
3.5	U	- .33	- .25	- .24	- .21	- .08
	L	.10	.03	.02	.02	- .06
4.5	L	- .07	- .26	- .02	- .08	---
5.0	U	- .24	- .38	- .34	- .20	- .16
	L	- .08	- .09	- .06	- .05	- .08
7.5	U	- .38	- .37	- .36	- .22	- .17
	L	- .12	- .15	- .17	- .06	---
10.0	U	- .40	- .41	- .26	- .20	- .23
	L	- .22	- .12	- .24	- .06	- .14
15.0	U	- .48	- .46	- .47	- .46	- .24
	L	0	- .17	- .05	- .02	- .18
17.5	U	- .21	---	---	---	---
	L	- .40	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		0.37	-0.56	---	---	---	---	---	---
0.25	U	- .06	-1.23	---	---	---	---	---	---
	L	.37	.47	---	---	---	---	---	---
0.5	U	- .21	-1.15	---	---	---	---	---	---
	L	.27	.64	---	---	---	---	---	---
1.0	U	- .26	- .14	---	---	---	---	---	---
	L	.19	.33	---	---	---	---	---	---
1.5	U	- .27	- .25	---	---	---	---	---	---
	L	.12	---	---	---	---	---	---	---
2.5	U	- .29	- .72	---	---	---	---	---	---
	L	.07	.42	---	---	---	---	---	---
3.5	U	- .29	- .61	---	---	---	---	---	---
	L	.08	.37	---	---	---	---	---	---
5.0	U	- .26	- .38	-0.98	-0.86	-0.79	-0.49	---	-0.40
	L	.04	---	---	---	---	---	---	---
6.0	U	---	---	- .77	- .99	- .65	- .31	---	- .31
	L	---	.30	- .21	- .18	.27	.01	---	0
7.5	U	- .26	- .51	- .61	- .46	- .43	- .36	---	- .31
	L	- .07	.26	.47	.49	.43	.15	---	- .18
10.0	U	- .27	- .52	- .62	- .85	- .51	- .41	---	- .34
	L	- .01	---	.36	.44	.34	.08	---	.19
12.5	U	---	---	- .63	- .61	- .54	- .44	---	- .33
15.0	U	- .04	- .49	- .64	- .63	- .80	- .43	---	- .38
17.5	U	- .18	- .45	- .90	- .59	- .86	- .78	---	- .72
20.0	U	- .15	- .48	- .73	- .76	- .60	- .46	-0.46	- .40
	L	- .04	.07	.22	.22	.13	.09	.09	.06
30.0	U	- .31	- .53	- .65	- .62	- .50	- .39	- .32	- .30
	L	- .06	.07	.16	.17	.03	0	0	- .05
40.0	U	- .36	- .59	- .62	- .80	- .46	- .34	- .10	- .26
	L	- .06	.12	.17	.16	.01	- .04	- .10	- .08
50.0	U	- .41	- .60	- .65	- .56	- .45	- .29	- .22	- .25
	L	- .05	.18	.21	.19	- .01	- .06	- .06	- .07
60.0	U	- .42	- .63	- .56	- .66	- .39	- .21	- .15	- .21
	L	- .08	.24	.24	.22	- .01	- .02	- .08	- .04
70.0	U	- .46	- .61	- .75	- .28	- .36	---	- .07	- .10
	L	.09	.29	.28	.40	- .04	0	- .03	- .08
73.0	U	---	---	---	---	- .29	- .18	- .07	- .10
80.0	U	- .63	-1.11	- .87	-1.00	- .25	- .08	- .03	- .04
	L	.12	---	.25	---	- .04	- .14	- .01	- .01
85.0	U	---	---	---	---	- .19	- .08	0	---
	L	---	---	---	---	- .05	- .02	.01	.01
90.0	U	- .25	---	---	---	- .14	- .04	.02	.01
	L	- .21	---	---	---	- .07	.01	.04	.02
95.0	U	---	---	---	---	- .20	- .01	.04	.03
	L	---	---	---	---	- .08	.02	.06	.04

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-0.04	-1.26	---	---	---	---	---	---
0.25	U	- .66	-2.57	---	---	---	---	---	---
	L	.47	.09	---	---	---	---	---	---
0.5	U	- .77	-2.13	---	---	---	---	---	---
	L	.45	.42	---	---	---	---	---	---
1.0	U	- .89	---	---	---	---	---	---	---
	L	.29	.25	---	---	---	---	---	---
1.5	U	- .54	-1.29	---	---	---	---	---	---
	L	.32	---	---	---	---	---	---	---
2.5	U	- .58	-1.12	---	---	---	---	---	---
	L	.25	.25	---	---	---	---	---	---
3.5	U	- .54	- .95	---	---	---	---	---	---
	L	.21	.49	---	---	---	---	---	---
5.0	U	- .47	- .82	-1.16	-1.04	-0.92	-0.77	---	-0.44
	L	.19	---	---	---	---	---	---	---
6.0	U	---	---	- .61	- .93	- .56	- .27	---	- .44
	L	---	.34	.51	.25	- .41	- .41	---	.48
7.5	U	- .41	- .72	- .77	- .55	- .52	- .42	---	- .48
	L	.08	.35	.38	.49	.44	.49	---	.53
10.0	U	- .41	- .69	- .83	- .79	- .59	- .54	---	- .50
	L	.11	---	.27	.44	.36	.01	---	.18
12.5	U	---	---	- .80	- .78	- .70	- .58	---	- .45
15.0	U	- .05	- .65	- .78	- .79	- .63	- .54	---	- .48
17.5	U	- .21	- .67	-1.11	- .61	-1.26	-1.00	---	-1.14
20.0	U	- .21	- .59	- .97	- .94	- .72	- .37	-0.63	- .58
	L	.08	.13	.27	.25	.17	.14	.18	.11
30.0	U	- .39	- .82	- .74	- .72	- .57	- .67	- .58	- .57
	L	.03	.13	.20	.22	.09	.05	.06	.02
40.0	U	- .42	- .64	- .58	- .67	- .52	- .40	- .12	- .33
	L	0	.17	.20	.26	.06	0	- .05	- .04
50.0	U	- .46	- .65	- .70	- .63	- .47	- .32	- .25	- .27
	L	.08	.22	.24	.21	.08	- .04	- .04	- .06
60.0	U	- .46	- .66	- .62	- .62	- .36	- .24	- .17	- .23
	L	.06	.28	.26	.23	.08	- .01	- .04	- .03
70.0	U	- .50	- .65	- .78	- .61	- .40	---	- .10	- .14
	L	.19	.31	.30	.28	- .05	- .01	- .02	- .01
73.0	U	---	---	---	---	- .41	- .19	- .09	- .15
80.0	U	- .68	-1.12	- .87	-1.08	- .25	- .11	- .05	- .06
	L	.15	---	.24	---	- .03	- .14	- .02	- .01
85.0	U	---	---	---	---	- .21	- .09	- .02	---
	L	---	---	---	---	- .05	- .02	- .01	- .01
90.0	U	- .24	---	---	---	- .16	- .05	0	- .01
	L	- .19	---	---	---	- .07	- .02	.03	.02
95.0	U	---	---	---	---	- .22	- .01	.03	.03
	L	---	---	---	---	- .08	.02	---	.04

NOSE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.22	-1.69	-1.75
1.0	U	-4.60	---	-2.82
	L	.50	.47	.44
2.0	U	-4.27	---	-2.40
	L	.52	.56	.49
3.0	U	-3.67	-2.59	-1.74
	L	.54	---	.44
4.0	U	-2.67	-2.19	-1.48
	L	.48	.52	---
5.0	U	-2.00	-1.53	-1.42
	L	.32	.47	.33
6.0	U	-1.47	- .96	-1.37
	L	.08	.35	.18

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0		-0.26	-0.14	-0.60
75.25	U	---	---	---
	L	---	0	- .03
76.5	U	- .55	- .45	---
	L	.36	.25	.16
76.0	U	-1.14	- .79	-1.21
	L	.80	.46	.37
77.5	U	-1.86	-1.15	-1.33
	L	.69	.53	.52
80.0	U	-1.86	-1.17	- .78
	L	.65	.52	.52
82.5	U	- .93	- .80	---
	L	.61	.47	.49
85.0	U	- .79	- .58	- .64
	L	.54	.42	.45
90.0	U	- .41	- .34	- .48
	L	.46	.30	.25
95.0	U	- .27	- .17	- .38
	L	.32	.19	.20

NOSE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.20	-1.91	-1.75
1.0	U	-4.47	---	-2.82
	L	.50	.45	.47
2.0	U	-4.20	---	-2.36
	L	.53	.55	.49
3.0	U	-3.50	-2.58	-1.72
	L	.37	---	.42
4.0	U	-2.23	-2.19	-1.47
	L	.48	.52	---
5.0	U	-1.95	-1.70	-1.42
	L	.35	.47	.33
6.0	U	-1.48	- .98	-1.34
	L	.09	.35	.18

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0		---	-0.17	-0.63
75.25	U	-0.26	---	---
	L	---	0	- .04
76.5	U	- .82	- .44	---
	L	.38	.23	.16
76.0	U	-1.12	- .80	-1.22
	L	.60	.43	.36
77.5	U	-1.79	-1.16	-1.34
	L	.68	.52	.52
80.0	U	-1.91	-1.15	- .80
	L	.66	.51	.52
82.5	U	- .82	- .79	---
	L	.61	.46	.49
85.0	U	- .68	- .57	- .52
	L	.57	.41	.47
90.0	U	- .38	- .38	- .47
	L	.48	.30	.36
95.0	U	- .25	- .17	- .34
	L	.33	.20	.30

NACA

TABLE VIII.- CONTINUED

SLAT $\alpha = 4.50$

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		0	---	-0.26	0.13	0.36
0.25	U	-0.67	-0.54	- .96	- .49	- .09
	L	.43	.44	.43	.44	- .10
0.5	U	- .33	- .89	-1.02	- .56	- .26
	L	- .25	.43	.39	.29	.28
1.0	U	- .65	- .84	- .92	- .48	- .39
	L	- .33	.40	.38	.29	.20
1.5	U	- .58	---	- .83	- .61	- .40
	L	- .30	.34	.31	.22	0
2.5	U	- .84	- .69	- .89	- .53	- .41
	L	.26	.26	.24	.19	.08
3.5	U	- .65	- .86	- .64	- .58	- .53
	L	0	.18	.17	.11	.03
4.5	L	- .01	.09	.10	- .01	---
5.0	U	- .57	- .62	- .67	- .61	- .37
	L	- .01	- .02	- .04	- .03	- .08
7.5	U	- .63	- .57	- .55	- .49	- .45
	L	- .05	- .02	- .07	- .03	---
10.0	U	- .56	- .60	- .56	- .49	- .39
	L	- .10	.01	- .13	- .04	- .09
15.0	U	- .53	- .52	- .59	- .57	- .47
	L	- .01	- .19	- .02	- .09	- .13
17.5	U	- .65	---	---	---	---
	L	- .45	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-0.69	-3.31	---	---	---	---	---	---
0.25	U	-1.49	-3.99	---	---	---	---	---	---
	L	.37	- .68	---	---	---	---	---	---
0.5	U	-1.43	-3.29	---	---	---	---	---	---
	L	.45	.05	---	---	---	---	---	---
1.0	U	-1.21	---	---	---	---	---	---	---
	L	.47	.41	---	---	---	---	---	---
1.5	U	-1.01	-1.98	---	---	---	---	---	---
	L	.48	---	---	---	---	---	---	---
2.5	U	- .87	-1.62	---	---	---	---	---	---
	L	.36	.56	---	---	---	---	---	---
3.5	U	- .79	-1.38	---	---	---	---	---	---
	L	.38	.55	---	---	---	---	---	---
5.0	U	- .70	-1.14	-1.06	-1.26	-1.17	-0.61	---	-0.60
	L	.25	---	---	---	---	---	---	---
6.0	U	---	---	- .73	- .84	- .67	- .41	---	- .61
	L	---	.46	.50	.56	.46	.50	---	.49
7.5	U	- .59	- .97	-1.01	- .78	- .79	- .64	---	- .68
	L	.19	.48	.46	.51	.43	.46	---	.44
10.0	U	- .56	- .90	-1.07	- .93	- .94	- .71	---	- .68
	L	.20	---	.41	.44	.36	.01	---	.18
12.5	U	---	---	- .95	- .95	- .91	- .77	---	- .67
15.0	U	- .07	- .60	- .93	- .96	- .79	- .69	---	-1.36
17.5	U	- .20	- .71	-1.27	- .95	-1.00	-1.26	---	-1.26
20.0	U	- .29	- .72	-1.02	-1.14	- .86	- .71	-0.79	- .65
	L	.12	.20	.30	.29	.20	.17	.18	.14
30.0	U	- .44	- .71	- .85	- .92	- .67	- .52	- .46	- .45
	L	.09	.18	.22	.25	.11	.08	.08	.02
40.0	U	- .47	- .72	- .76	- .75	- .61	- .47	- .14	- .52
	L	.05	.19	.23	.22	.07	.04	- .03	- .02
50.0	U	- .51	- .71	- .76	- .70	- .64	- .39	- .29	- .32
	L	.07	.23	.25	.23	.04	0	- .03	- .03
60.0	U	- .49	- .70	- .66	- .67	- .42	- .26	- .20	- .25
	L	.10	.28	.28	.25	.03	.02	- .02	0
70.0	U	- .52	- .65	- .77	- .64	- .44	---	- .11	- .15
	L	.15	.22	.20	.07	- .02	- .04	- .02	0
73.0	U	---	---	---	---	- .44	- .19	- .11	- .14
80.0	U	- .65	-1.12	- .89	-1.06	- .87	- .13	- .07	- .07
	L	.17	---	.26	---	- .02	- .16	- .02	0
85.0	U	---	---	---	---	- .82	- .10	- .02	---
	L	---	---	---	---	- .03	- .01	- .01	- .01
90.0	U	- .84	---	---	---	- .17	- .02	- .01	- .02
	L	- .15	---	---	---	- .06	.02	.02	.02
95.0	U	---	---	---	---	- .23	- .01	.01	.01
	L	---	---	---	---	- .06	.06	.02	.04

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.90	-1.90	-1.75
1.0	U	-4.47	---	-2.51
	L	.48	.45	.52
2.0	U	-4.20	---	-2.27
	L	.63	.56	.52
3.0	U	-3.64	-2.59	-1.64
	L	.57	---	.45
4.0	U	-2.80	-2.17	-1.42
	L	.49	.52	---
5.0	U	-1.94	-1.45	-1.34
	L	.35	.46	.34
6.0	U	-1.44	- .94	-1.22
	L	.09	.35	.19

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.27	-0.19	-0.23
75.25	U	---	---	---
	L	---	0	- .02
75.5	U	- .84	- .43	---
	L	.53	.19	.16
76.0	U	-1.12	- .80	-1.21
	L	.59	.42	.41
77.5	U	-1.79	-1.16	-1.33
	L	.69	.52	.54
80.0	U	-1.19	-1.15	- .80
	L	.66	.52	.53
82.5	U	- .87	- .75	---
	L	.62	.47	.50
85.0	U	- .64	- .53	- .75
	L	.58	.43	.49
90.0	U	- .39	- .30	- .47
	L	.42	.30	.38
95.0	U	- .24	- .18	- .35
	L	.35	.20	.32

SLAT $\alpha = 6.35$

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-0.78	-1.60	-1.40	-0.87	-0.13
0.25	U	-1.64	-1.86	-2.28	-1.60	- .83
	L	.19	.20	.21	.29	- .13
0.5	U	.25	-1.86	-2.11	-1.64	- .96
	L	.21	.40	.54	.40	.43
1.0	U	- .94	-1.55	-1.76	-1.39	- .98
	L	.22	.47	.46	.40	.37
1.5	U	- .84	---	-1.36	-1.25	- .84
	L	- .27	.45	.41	.37	- .08
2.5	U	-1.54	-1.07	-1.19	- .94	- .75
	L	.22	.37	.35	.31	.21
3.5	U	-1.08	- .92	-1.00	- .98	- .83
	L	.12	.30	.27	.22	.09
4.5	L	.08	.20	.18	.10	---
5.0	U	---	- .90	- .90	- .77	---
	L	.07	.13	.11	.11	.04
7.5	U	- .80	- .81	- .82	- .77	- .56
	L	.07	.08	.04	.12	---
10.0	U	- .80	- .80	- .79	- .78	- .61
	L	.02	.17	.01	.15	- .01
15.0	U	- .79	- .76	- .76	- .77	- .66
	L	0	- .27	- .05	- .07	- .15
17.5	U	- .79	---	---	---	---
	L	- .83	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-1.49	-5.40	---	---	---	---	---	---
0.25	U	-2.41	-4.93	---	---	---	---	---	---
	L	.17	-1.53	---	---	---	---	---	---
0.5	U	-2.17	-4.27	---	---	---	---	---	---
	L	.39	- .46	---	---	---	---	---	---
1.0	U	-1.61	---	---	---	---	---	---	---
	L	.52	.19	---	---	---	---	---	---
1.5	U	-1.40	-2.73	---	---	---	---	---	---
	L	.45	---	---	---	---	---	---	---
2.5	U	-1.21	-2.17	---	---	---	---	---	---
	L	.46	.56	---	---	---	---	---	---
3.5	U	-1.06	-1.80	---	---	---	---	---	---
	L	.48	.52	---	---	---	---	---	---
5.0	U	- .92	-1.60	-0.91	-1.04	-0.91	-0.77	---	-0.64
	L	.37	---	---	---	---	---	---	---
6.0	U	---	---	---	- .81	- .96	- .81	---	- .74
	L	.09	.54	.57	.55	.45	.48	---	.49
7.5	U	- .76	-1.27	-1.22	- .90	- .99	- .80	---	- .83
	L	.27	.52	.48	.49	.48	.46	---	.46
10.0	U	- .73	-1.15	-1.27	-1.16	-1.12	- .88	---	- .82
	L	.27	---	.42	.45	.37	---	---	---
12.5	U	---	---	-1.19	-1.19	-1.06	- .93	---	- .68
15.0	U	---	- .95	-1.11	-1.14	- .90	- .83	---	- .64
17.5	U	- .59	---	---	- .79	---	---	---	- .19
20.0	U	- .59	---	---	-1.52	- .88	- .81	-1.02	- .76
	L	.19	.38	.34	.38	.34	.21	0.22	.15
30.0	U	- .52	- .80	- .96	- .95	- .76	- .64	- .48	- .50
	L	.15	.24	.27	.27	.16	.12	.09	.06
40.0	U	- .53	- .80	- .84	- .84	- .67	- .55	---	- .43
	L	.11	.26	.26	.25	.10	.08	- .04	.08
50.0	U	- .55	- .76	- .83	- .77	- .58	- .44	- .38	- .34
	L	.11	.29	.27	.25	.08	.04	- .04	0
60.0	U	- .59	- .74	- .70	- .71	- .44	- .31	- .27	- .29
	L	.13	.32	.29	.26	.08	.08	.08	.08
70.0	U	- .55	- .72	- .81	- .68	- .47	---	- .17	- .17
	L	.17	.36	.32	.26	0	.08	- .06	.08
73.0	U	---	---	---	---	- .47	- .23	- .17	- .18
80.0	U	- .67	-1.11	- .90	-1.10	- .22	- .17	- .10	- .10
	L	.20	0	---	- .05	0	---	- .03	- .02
85.0	U	---	---	---	---	- .23	- .15	- .06	---
	L	---	---	---	---	- .02	- .04	- .02	- .01
90.0	U	- .85	---	---	---	- .13	- .08	- .04	- .06
	L	- .15	---	---	---	- .03	- .01	.01	- .01
95.0	U	---	---	---	---	- .22	- .05	0	- .02
	L	---	---	---	---	- .06	- .01	.01	- .01

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.15	-1.90	-1.76
1.0	U	-4.54	---	-2.71
	L	.49	.43	.56
2.0	U	-4.14	---	-2.14
	L	.53	.55	.54
3.0	U	-3.54	-2.55	-1.54
	L	.57	---	.45
4.0	U	-2.53	-2.15	-1.35
	L	.49	.51	---
5.0	U	-1.67	-1.46	-1.30
	L	.36	.47	.36
6.0	U	-1.40	- .89	-1.24
	L	.10	.34	.19

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.25	-0.19	-0.24
75.25	U	.01	0	---
	L	---	.12	- .04
75.5	U	- .80	- .43	---
	L	.54	.19	.19
76.0	U	-1.08	- .80	-1.18
	L	.58	.41	.48
77.5	U	-1.73	-1.14	-1.28
	L	.68	.52	.54
80.0	U	-1.15	-1.12	- .79
	L	.56	.52	.50
82.5	U	- .86	- .74	---
	L	.62	.47	.49
85.0	U	- .60	- .52	- .66
	L	.56	.43	.49
90.0	U	- .36	- .30	- .50
	L	.49	.31	.37
95.0	U	- .24	- .17	- .32
	L	.37	.20	.32

NACA

TABLE VIII.- CONTINUED

SLAT α = 8.40

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-2.12	-2.99	-3.24	-2.30	-1.02
0.25	U	-3.13	-2.99	-3.95	-3.03	-1.72
	L	-.53	-.36	-.27	-.12	-.24
0.5	U	-.30	-2.99	-3.51	-2.80	-1.74
	L	-.25	.15	.10	.25	-.15
1.0	U	-1.36	-2.40	-2.47	-1.98	-1.51
	L	-.30	.44	.43	.41	.42
1.5	U	-.29	---	-2.11	-1.79	-1.48
	L	.45	.49	.44	---	.45
2.5	U	-2.15	-1.50	-1.63	-1.43	-1.21
	L	---	.42	.42	.40	.31
3.5	U	-1.47	-1.42	-1.44	-1.22	-.95
	L	.21	.40	.36	.41	.18
4.5	U	.15	.50	.56	.32	---
5.0	U	-1.15	-1.29	-1.25	-1.01	-.97
	L	.18	.21	.19	.30	.19
7.5	U	-1.14	-1.07	-1.04	-1.07	-.76
	L	.17	.18	.15	.21	---
10.0	U	-1.01	-1.03	-1.03	-.91	-.77
	L	.15	.28	.14	.24	.11
15.0	U	-.97	-.96	-.95	-.93	-.89
	L	-.02	.45	-.06	-.18	-.21
17.5	U	-.95	---	---	---	---
	L	-.05	---	---	---	---

SLAT α = 10.41

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-3.74	---	---	-4.27	-2.38
0.25	U	-3.54	-4.54	-4.02	-4.80	-3.06
	L	-1.06	-1.08	-.97	-.79	-.31
0.5	U	-.22	-4.40	---	-4.14	-2.77
	L	-.22	-.22	-.22	-.15	.23
1.0	U	-1.71	-3.19	-3.47	-2.75	-2.47
	L	-.22	.31	.30	.26	.41
1.5	U	-2.19	---	-2.53	-2.01	-1.91
	L	-.22	.44	.37	.36	-.02
2.5	U	-1.86	-2.03	-2.15	-1.98	-1.75
	L	.46	.46	.45	.41	.27
3.5	U	---	---	-1.85	-1.64	-1.30
	L	.22	.46	.45	.30	.21
4.5	L	.24	.38	.33	.27	---
5.0	U	-1.39	-1.85	-1.87	-1.40	-1.15
	L	.23	.31	.27	.27	.16
7.5	U	-1.23	-1.30	-1.33	-1.23	-.94
	L	.25	.29	.23	.30	---
10.0	U	-1.13	-1.20	-1.23	-1.13	-.95
	L	.22	.39	.24	.33	.23
15.0	U	-1.09	-1.09	-1.16	-1.09	-.94
	L	-.03	-.41	-.06	-.15	-.18
17.5	U	-1.07	---	---	---	---
	L	.02	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-3.00	-7.33	---	---	---	---	---	---
0.25	U	-3.94	-7.00	---	---	---	---	---	---
	L	-.43	-1.13	---	---	---	---	---	---
0.5	U	-3.44	-5.00	---	---	---	---	---	---
	L	.09	-.60	---	---	---	---	---	---
1.0	U	-2.37	-4.46	---	---	---	---	---	---
	L	.14	-.18	---	---	---	---	---	---
1.5	U	-2.05	-3.22	---	---	---	---	---	---
	L	.22	.09	---	---	---	---	---	---
2.5	U	-1.46	-2.24	---	---	---	---	---	---
	L	.33	.43	---	---	---	---	---	---
3.5	U	-1.23	-2.15	---	---	---	---	---	---
	L	.20	.60	---	---	---	---	---	---
5.0	U	-1.00	-1.88	-1.04	-1.15	-0.76	-1.00	---	-0.84
	L	.17	---	---	---	---	---	---	---
6.0	U	---	---	-1.00	-.61	-.83	-.55	---	-.86
	L	.12	.52	.44	.38	.45	.49	---	.48
7.5	U	-.91	-1.50	-1.43	-1.20	-1.17	-.95	---	-1.02
	L	.39	.61	.48	.42	.44	.47	---	.47
10.0	U	-.72	-1.39	-1.07	-1.37	-1.29	-1.02	---	-.97
	L	.37	.64	.43	.45	.32	---	---	---
12.5	U	---	---	-1.44	-1.37	-1.23	-1.08	---	-.81
15.0	U	-.51	---	-1.26	-1.30	-1.04	-.95	---	-.72
17.5	U	-.35	-.99	---	-.95	---	---	---	---
20.0	U	-.44	-.96	-1.30	-1.32	-1.12	-.94	-1.17	-.85
	L	.27	.22	.34	.38	.27	.23	.23	.22
30.0	U	-.61	-.87	-1.05	-1.03	-.84	-.72	-.87	-.57
	L	.22	.34	.28	.30	.15	.17	.13	.10
40.0	U	-.60	-.83	-.92	-.91	-.73	-.96	---	-.47
	L	.17	.28	.22	.29	.14	.15	-.01	.06
50.0	U	-.60	-.80	-.85	-.81	-.64	-.47	-.42	-.36
	L	.16	.28	.22	.25	.10	.07	-.02	.04
60.0	U	-.57	-.76	-.70	-.74	-.49	-.32	-.30	-.30
	L	.17	.30	.30	.27	.06	.06	-.04	.06
70.0	U	-.54	-.69	-.60	-.70	-.49	---	-.21	-.18
	L	.21	.33	.21	.36	.01	.08	-.03	.04
73.0	U	---	---	---	---	-.49	-.24	-.19	-.15
80.0	U	-.68	-1.13	-.90	-1.04	-.80	-.19	-.14	-.12
	L	.23	---	-.07	-.04	-.01	---	-.04	-.01
85.0	U	---	---	---	---	.24	-.12	-.10	---
	L	---	---	---	---	-.01	---	-.04	---
90.0	U	-.63	---	---	---	.19	-.07	-.06	-.07
	L	-.09	---	---	---	-.03	-.02	0	-.01
95.0	U	---	---	---	---	.22	-.04	-.03	-.04
	L	---	---	---	---	-.06	.01	-.02	.03

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-4.07	-3.53	---	---	---	---	---	---
0.25	U	-4.96	-8.83	---	---	---	---	---	---
	L	-1.15	-1.72	---	---	---	---	---	---
0.5	U	-4.00	-8.53	---	---	---	---	---	---
	L	-.31	-.77	---	---	---	---	---	---
1.0	U	-3.07	---	---	---	---	---	---	---
	L	.18	-.04	---	---	---	---	---	---
1.5	U	-2.60	-4.38	---	---	---	---	---	---
	L	.46	.08	---	---	---	---	---	---
2.5	U	-2.11	-2.30	---	---	---	---	---	---
	L	.56	.51	---	---	---	---	---	---
3.5	U	-1.87	-2.25	---	---	---	---	---	---
	L	.57	.59	---	---	---	---	---	---
5.0	U	-1.48	-2.21	-1.13	-1.19	-0.69	-1.38	---	-1.15
	L	.56	---	---	---	---	---	---	---
6.0	W	---	---	-1.10	-.62	-.94	-.43	---	-1.02
	L	---	.61	.48	.40	.42	.49	---	.46
7.5	U	-1.18	-2.17	-1.29	-1.33	-1.33	-1.13	---	-1.23
	L	.48	.57	.50	.49	.43	.47	---	.44
10.0	W	-1.06	-2.07	-1.63	-1.52	-1.47	-1.19	---	-1.17
	L	.44	---	.46	.47	.40	---	---	---
12.5	U	---	---	-1.47	-1.50	-1.36	-1.27	---	-.88
15.0	U	-.58	-1.71	-1.37	-1.42	-1.17	-1.11	---	-.88
17.5	W	-.58	-1.45	---	-1.07	---	---	---	---
20.0	W	-.62	-1.27	-1.37	-1.27	-1.23	-1.04	-1.24	-.87
	L	.34	.36	.30	.37	.33	.37	.25	.23
30.0	U	-.69	-.97	-1.10	-1.09	-.92	-.81	-.71	-.67
	L	.26	.32	.33	.35	.25	.19	.14	.08
40.0	W	-.64	-.92	-.93	-.93	-.78	-.85	---	-.58
	L	.25	.30	.31	.30	.18	.13	.02	.07
50.0	W	-.64	-.86	-.86	-.82	-.66	-.52	-.45	-.46
	L	.20	.21	.30	.30	.13	.08	0	.03
60.0	W	-.60	-.81	-.71	-.74	-.51	-.35	-.32	-.37
	L	.21	.33	.26	.30	.09	.09	-.01	.05
70.0	U	-.59	-.91	-.72	-.68	-.50	---	-.21	-.22
	L	.25	.38	.33	.36	.02	.08	-.01	.01
73.0	U	---	---	---	---	-.49	-.23	-.21	-.20
80.0	U	-.67	-.92	-.61	-.97	-.67	-.17	-.16	-.14
	L	.26	-.02	-.02	.01	.02	---	-.06	0
85.0	U	---	---	---	---	-.25	-.13	-.10	---
	L	---	---	---	---	.01	---	-.04	0
90.0	U	-.61	---	---	---	-.20	-.06	-.07	-.08
	L	.07	---	---	---	0	.04	.01	0
95.0	U	---	---	---	---	-.22	-.04	-.04	-.04
	L	---	---	---	---	-.04	.04	-.03	.08

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.09	-1.87	-1.72
1.0	U	-4.40	---	-2.52
	L	.49	.41	.56
2.0	U	-4.00	---	-2.05
	L	.52	.54	.54
3.0	U	-3.40	-2.49	-1.47
	L	.54	---	.44
4.0	U	-2.41	-2.08	-1.31
	L	.48	.50	---
5.0	U	-1.79	-1.38	-1.28
	L	.34	.45	.34
6.0	U	-1.37	-.98	-1.20
	L	.11	.34	.20

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.86	-0.19	-0.42
75.25	U	0	-.01	---
	L	---	.02	-.03
75.5	U	-.77	-.43	---
	L	.33	.16	.17
76.0	U	-1.05	-.78	-1.15
	L	.27	.40	.40
77.5	U	-1.46	-1.22	-1.27
	L	.46	.50	.51
80.0	U	-1.09	-1.07	-.78
	L	.51	.50	.42
82.5	U	-.78	-.71	---
	L	.42	.45	.40
85.0	U	-.58	-.51	-.56
	L	.38	.42	.40
90.0	U	-.35	-.29	-.42
	L	.30	.30	.36
95.0	U	-.24	-.15	-.36
	L	.27	.20	.34

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.00	-1.67	-1.42
1.0	U	-4.27	---	-2.22
	L	.42	.15	.57
2.0	U	-3.27	---	-1.70
	L	.48	.46	.53
3.0	U	-3.22	-2.15	-1.20
	L	.27	---	.43
4.0	U	-2.18	-1.78	-1.03
	L	.50	.54	---
5.0	U	-1.66	-1.13	-.96
	L	.37	.50	.36
6.0	U	-1.30	-.74	-.96
	L	.12	.40	.24

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.84	-0.10	-0.53
75.25	U	.01	.02	---
	L	---	.03	0
75.5	U	-.73	-.38	---
	L	.33	.23	.19
76.0	U	-1.00	-.63	-.92
	L	.58	.43	.42
77.5	U	-1.58	-.93	-.97
	L	.48	.53	.54
80.0	U	-1.03	-.86	-.55
	L	.66	.58	.52
82.5	U	-.71	-.56	---
	L	.43	.43	.51
85.0	U	-.53	-.38	-.34
	L	.60	.45	.49
90.0	U	-.32	-.21	-.26
	L	.32	.34	.38
95.0	U	-.23	-.11	-.15
	L	.40	.28	.34

NACA

TABLE VIII.- CONTINUED

SLAT α = 12.39

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-3.74	---	---	---	---
0.25	U	-3.54	-4.54	---	---	---
	L	-1.96	-1.97	-1.87	-1.66	-0.43
0.5	U	---	-4.40	---	---	-3.87
	L	- .10	- .74	- .85	- .70	- .06
1.0	U	-1.96	-3.90	---	-2.74	-3.13
	L	- .06	.09	.06	.07	.22
1.5	U	---	---	-3.42	-3.22	-2.84
	L	.39	.32	.24	.30	- .01
2.5	U	-3.28	-2.51	-2.69	-2.48	-2.19
	L	.44	.48	.41	.43	.40
3.5	U	-2.31	-2.23	-2.31	-2.09	-1.54
	L	.25	.47	.44	.42	.24
4.4	L	.54	.43	.39	.34	---
5.0	U	-1.67	-1.64	-1.95	-1.73	-1.44
	L	.29	.36	.31	.33	.20
7.5	U	-1.47	-1.53	-1.62	-1.52	-1.20
	L	.24	.26	.26	.32	---
10.0	U	-1.31	-1.40	-1.46	-1.36	-1.14
	L	.36	.37	.29	.41	.21
15.0	U	-1.25	-1.24	-1.26	-1.26	-1.09
	L	- .14	- .16	- .07	- .24	- .27
17.5	U	-1.06	---	---	---	---
	L	-1.00	---	---	---	---

SLAT α = 14.39

Orifice Location Percent Chord		STATIONS III	B	C	D	E
0		-3.27	---	-6.00	-6.93	-4.38
0.25	U	-7.27	-1.47	-5.00	-8.40	-5.93
	L	-2.50	-2.64	---	-2.59	- .54
0.5	U	---	-4.73	-4.59	-4.94	---
	L	-1.22	-1.13	-1.42	-1.27	- .49
1.0	U	-1.97	-3.50	-7.60	-5.40	-3.11
	L	- .14	- .09	- .18	- .19	.14
1.5	U	---	---	-4.20	-4.90	-3.14
	L	- .15	---	.09	.19	- .01
2.5	U	-3.20	-2.77	-3.11	-2.90	-2.61
	L	.39	.45	.31	.38	.39
3.5	U	-2.46	-2.41	-2.65	-2.44	-1.97
	L	.24	.48	.45	.43	.25
4.4	L	.27	.46	.43	.36	---
5.0	U	---	-1.98	-2.52	-2.09	-1.71
	L	.26	.40	.35	.38	.24
7.5	U	-1.75	-1.63	-1.97	-1.79	-1.40
	L	.39	.43	.38	.41	---
10.0	U	-1.54	-1.47	-1.62	-1.62	-1.31
	L	.37	.38	.38	.45	.32
15.0	U	-1.54	-1.26	-1.34	-1.39	-1.20
	L	- .15	- .48	- .07	.29	- .43
17.5	U	-1.27	---	---	---	---
	L	- .08	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-6.36	-2.00	---	---	---	---	---	---
0.25	U	---	-1.67	---	---	---	---	---	---
	L	-1.86	-1.71	---	---	---	---	---	---
0.5	U	---	-1.47	---	---	---	---	---	---
	L	- .75	- .94	---	---	---	---	---	---
1.0	U	-3.49	---	---	---	---	---	---	---
	L	.09	- .12	---	---	---	---	---	---
1.5	U	-3.09	-1.92	---	---	---	---	---	---
	L	.27	---	---	---	---	---	---	---
2.5	U	-2.44	-1.08	---	---	---	---	---	---
	L	.33	.46	---	---	---	---	---	---
3.5	U	-2.03	-1.07	---	---	---	---	---	---
	L	.27	.67	---	---	---	---	---	---
5.0	U	-1.70	-1.67	-1.27	-1.24	-0.98	---	---	---
	L	.58	---	---	---	---	---	---	---
6.0	U	---	---	-1.21	- .65	-1.11	---	---	---
	L	---	.62	.43	.54	.46	---	---	---
7.5	U	-1.41	-1.69	-1.73	---	-1.62	---	---	---
	L	.53	.59	.47	.49	.45	---	---	---
10.0	U	-1.98	-1.89	-1.78	-1.66	-1.65	---	---	---
	L	.50	---	.43	.48	---	---	---	---
12.5	U	---	---	-1.56	-1.63	-1.53	---	---	---
15.0	U	---	-1.63	-1.46	-1.54	-1.36	---	---	---
17.5	U	- .74	---	---	-1.06	---	---	---	---
20.0	U	- .74	-1.66	---	-1.72	---	---	-1.31	---
	L	.39	.40	.42	.41	.37	---	0.99	---
30.0	U	- .77	-1.27	-1.12	-1.11	- .97	---	- .84	---
	L	.32	.36	.37	.39	.28	---	.18	---
40.0	U	- .73	- .94	- .93	- .93	- .80	---	---	---
	L	.27	.34	.34	.35	.34	---	.04	---
50.0	U	- .72	- .87	- .82	- .79	- .64	---	- .52	---
	L	.33	.36	.33	.35	.17	---	.02	---
60.0	U	- .65	- .82	- .83	- .68	- .50	---	- .39	---
	L	.34	.38	.34	.33	.02	---	0	---
70.0	U	- .64	- .84	- .84	- .56	- .44	---	- .27	---
	L	.34	.40	.35	.35	.09	---	- .01	---
75.0	U	---	---	---	---	---	---	- .27	---
80.0	U	- .72	-1.13	- .62	- .52	- .31	---	- .20	- .15
	L	.27	.08	.04	.10	.04	---	- .04	- .01
85.0	U	---	---	---	---	- .27	---	- .16	- .13
	L	---	---	---	---	- .02	---	- .04	- .01
90.0	U	- .56	---	---	---	- .20	---	- .10	- .08
	L	- .08	---	---	---	0	---	- .02	- .01
95.0	U	---	---	---	---	- .20	---	- .09	- .05
	L	---	---	---	---	- .04	---	- .04	- .01

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-7.40	-2.00	---	---	---	---	---	---
0.25	U	-6.34	-1.67	---	---	---	---	---	---
	L	-2.45	-1.39	---	---	---	---	---	---
0.5	U	-5.67	-1.47	---	---	---	---	---	---
	L	-1.08	- .96	---	---	---	---	---	---
1.0	U	-4.13	---	---	---	---	---	---	---
	L	- .05	- .04	---	---	---	---	---	---
1.5	U	-3.43	-1.96	---	---	---	---	---	---
	L	.32	---	---	---	---	---	---	---
2.5	U	-2.68	-1.35	---	---	---	---	---	---
	L	.35	.50	---	---	---	---	---	---
3.5	U	-2.22	-1.34	---	---	---	---	---	---
	L	.63	.60	---	---	---	---	---	---
5.0	U	-1.94	-1.34	-1.29	-1.24	---	-1.60	---	-0.99
	L	.66	---	---	---	---	---	---	---
6.0	U	---	---	.21	- .66	-1.10	-1.34	---	-1.29
	L	---	.62	.44	.52	.42	.44	---	.44
7.5	U	-1.65	-1.57	-1.77	-1.45	-1.57	-1.28	---	-1.51
	L	.59	---	.46	.43	.43	.46	---	.44
10.0	U	-1.40	-1.28	-1.76	-1.65	-1.86	-1.44	---	-1.41
	L	.59	---	.47	.48	.44	.43	---	.31
12.5	U	---	---	-1.57	-1.63	-1.63	-1.58	---	-1.17
15.0	U	---	-1.20	-1.43	-1.52	-1.31	-1.31	---	-1.09
17.5	U	- .78	---	---	-1.07	---	---	---	-2.93
20.0	U	- .82	-1.39	---	---	-1.67	-1.97	-1.10	-1.16
	L	.45	.42	.41	.36	.36	.31	0.39	.28
30.0	U	- .85	-1.30	-1.08	-1.08	- .98	- .91	- .88	- .76
	L	.28	.37	.38	.38	.28	.21	.20	.15
40.0	U	- .79	-1.00	- .98	- .92	- .78	- .73	---	- .61
	L	.30	.36	.35	.31	.24	.16	.07	.11
50.0	U	- .77	-1.04	- .76	- .74	- .64	- .57	- .53	- .46
	L	.28	.37	.32	.31	.17	.10	.08	.08
60.0	U	- .71	- .88	- .61	- .61	- .48	- .40	- .41	- .45
	L	.28	.39	.34	.29	.16	.08	.08	.07
70.0	U	- .67	- .88	- .61	- .47	- .44	---	- .28	- .20
	L	.28	.40	.34	.33	.08	0	---	.06
75.0	U	---	---	---	---	- .40	- .28	- .28	- .18
80.0	U	- .74	- .98	- .28	- .55	- .28	- .18	- .21	- .12
	L	.29	---	.08	.11	.06	.08	- .03	.08
85.0	U	---	---	---	---	- .26	- .14	- .17	---
	L	---	---	---	---	- .02	.08	- .04	.02
90.0	U	- .28	---	---	---	- .20	- .08	- .14	- .07
	L	- .07	---	---	---	- .01	.03	- .01	.02
95.0	U	---	---	---	---	- .16	- .06	- .11	- .03
	L	---	---	---	---	- .04	.03	- .03	.08

FOWLER FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.94	-1.57	-1.17
1.0	U	-3.06	-2.70	-1.66
	L	.53	.47	.42
2.0	U	-3.60	-2.63	-1.27
	L	.66	.56	.53
3.0	U	-3.07	-1.71	-1.00
	L	.80	---	.43
4.0	U	-2.19	-1.42	- .62
	L	.42	.55	---
5.0	U	-1.62	- .92	- .71
	L	---	.86	.40
6.0	U	-1.22	- .59	- .64
	L	.17	.43	.31

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.18	0.04	-0.36
75.25	U	.04	.01	---
	L	---	.01	.11
75.5	U	- .67	- .16	---
	L	.37	.30	.27
76.0	U	- .93	- .44	- .64
	L	.61	.47	.47
77.5	U	---	- .72	- .72
	L	.71	.54	.56
80.0	U	- .99	- .71	- .49
	L	.68	.58	.54
82.5	U	- .88	- .47	---
	L	.68	.48	.38
85.0	U	- .81	- .36	- .37
	L	.63	.44	.41
90.0	U	- .31	- .23	- .30
	L	.54	.34	.39
96.0	U	- .20	- .14	- .22
	L	.41	.25	.35

FOWLER FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.78	-1.01	-0.90
1.0	U	-3.67	-2.01	-1.98
	L	.53	.45	.61
2.0	U	-3.42	-1.98	- .98
	L	.65	.56	.49
3.0	U	-2.95	-1.28	- .81
	L	.89	---	.45
4.0	U	-2.11	-1.08	- .70
	L	.52	.55	---
5.0	U	-1.57	- .71	- .51
	L	.41	.52	.37
6.0	U	-1.20	- .49	- .53
	L	.18	.47	.29

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.12	0.12	-0.32
75.25	U	.01	.01	---
	L	---	.11	.11
75.5	U	- .60	- .11	---
	L	.38	.35	.30
76.0	U	- .83	- .22	- .61
	L	.58	.49	.46
77.5	U	-1.47	- .86	- .76
	L	.68	.52	.54
80.0	U	-1.00	- .64	- .52
	L	.67	.51	.50
82.5	U	- .73	- .45	---
	L	.64	.47	.50
85.0	U	- .54	- .38	- .43
	L	.60	.44	.49
90.0	U	- .26	- .25	- .36
	L	.52	.34	.37
96.0	U	- .22	- .16	- .29
	L	.39	.24	.31

NACA

TABLE VIII.- CONCLUDED

STAT α = 15.34

Orifice Location Percent Chord		STATIONS III	E	C	D	K
0		-7.54	-4.80	-12.48	-5.87	-7.00
0.25	U	-8.34	-7.27	-6.24	-4.72	-7.07
	L	-3.06	-3.28	-8.83	-2.45	- .73
0.5	U	—	-7.27	-8.07	-4.40	-8.14
	L	- .13	-1.56	-1.94	-1.29	—
1.0	U	-4.73	-4.73	-6.51	-3.94	-4.40
	L	- .12	- .52	- .40	- .26	- .06
1.5	U	—	—	-4.87	-3.00	-3.45
	L	.31	.10	- .06	.16	- .03
2.5	U	-3.40	-3.06	-3.40	-2.19	-2.77
	L	.33	.39	.29	.57	.38
3.5	U	-2.61	-2.64	-2.93	-1.28	-2.07
	L	.38	.43	.41	.44	.24
4.5	L	.27	.45	.45	.38	—
5.0	U	-1.20	-2.17	-2.46	—	-1.86
	L	.56	.45	.43	.41	.28
7.5	U	-1.73	-1.78	-2.01	-3.04	-1.56
	L	.40	.44	.41	.47	—
10.0	U	-1.56	-1.57	-1.73	-1.86	-1.42
	L	.37	.37	.33	.19	.26
15.0	U	-1.34	-1.33	-1.41	-1.50	-1.26
	L	- .18	- .53	- .07	- .36	- .47
17.5	U	-1.27	—	—	—	—
	L	- .89	—	—	—	—

STAT α = 15.34

Orifice Location Percent Chord		STATIONS III	E	C	D	K
0		—	—	—	-2.26	—
0.25	U	—	—	—	-1.87	—
	L	-3.77	-2.50	-2.03	-1.08	-0.56
0.5	U	- .02	—	—	-1.83	—
	L	- .09	-2.08	-1.10	- .49	- .49
1.0	U	-2.17	—	—	-1.43	-3.09
	L	- .04	- .55	- .05	.07	.05
1.5	U	-2.48	—	—	-1.24	-2.25
	L	- .06	- .05	.18	.29	- .03
2.5	U	-2.69	-3.38	-3.41	-1.85	-2.17
	L	- .25	.32	.43	.41	.28
3.5	U	- .11	-2.87	-3.60	-1.83	-1.93
	L	- .22	.42	.50	.43	- .18
4.5	L	.24	.47	.51	.38	—
5.0	U	-1.90	-2.38	-3.06	-1.73	-1.80
	L	.37	.45	.46	.39	.27
7.5	U	-1.66	-2.15	-3.27	-1.83	-1.87
	L	.41	.43	.45	.41	—
10.0	U	-1.41	-1.68	-2.15	-1.71	-1.44
	L	.37	.37	.35	.44	.34
15.0	U	—	-1.36	-1.68	-1.56	-1.07
	L	- .19	- .57	- .07	- .36	- .36
17.5	U	-1.32	—	—	—	—
	L	- .93	—	—	—	—

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		-5.86	—	—	—	—	—	—	—
0.25	U	-9.67	—	—	—	—	—	—	—
	L	-3.52	-1.25	—	—	—	—	—	—
0.5	U	-6.61	—	—	—	—	—	—	—
	L	-1.77	- .56	—	—	—	—	—	—
1.0	U	-4.40	—	—	—	—	—	—	—
	L	- .40	—	—	—	—	—	—	—
1.5	U	-3.59	-1.11	—	—	—	—	—	—
	L	.12	- .01	—	—	—	—	—	—
2.5	U	-3.02	-1.00	—	—	—	—	—	—
	L	.44	.49	—	—	—	—	—	—
3.5	U	-2.82	-1.08	—	—	—	—	—	—
	L	—	.59	—	—	—	—	—	—
5.0	U	-2.63	-1.10	-1.31	-1.80	-1.81	—	—	-1.04
	L	.58	—	—	—	—	—	—	—
6.0	U	—	—	-1.18	- .63	-1.11	- .77	—	-1.34
	L	—	.54	.44	.37	.40	.47	—	.41
7.5	U	-2.14	-1.11	-1.76	- .44	-1.62	-1.40	—	—
	L	.63	.60	.47	—	.44	.48	—	.42
10.0	U	-1.69	-1.12	-1.72	-1.60	-1.74	-1.45	—	-1.42
	L	.61	—	.37	.46	.44	.46	—	.25
12.5	U	—	—	-1.64	-1.56	-1.62	-1.60	—	-1.17
15.0	U	- .15	-1.14	-1.40	-1.48	-1.38	-1.30	—	-1.08
17.5	U	- .91	-1.15	—	-1.27	—	—	—	—
20.0	U	- .92	-1.15	-1.29	-1.52	-1.40	-1.22	-1.31	-1.05
	L	.49	.44	.42	.40	.38	.33	0.36	.30
30.0	U	- .94	-1.11	-1.05	- .98	- .98	- .92	- .80	- .72
	L	.42	.40	.36	.28	.30	.28	.23	.15
40.0	U	- .86	-1.07	- .91	- .85	- .79	- .70	—	- .58
	L	.34	.38	.34	.25	- .84	.19	.10	.18
50.0	U	- .81	-1.04	- .76	- .70	- .53	- .54	- .46	- .45
	L	.32	.36	.34	.33	.17	.15	.08	.08
60.0	U	- .74	- .98	- .77	- .58	- .47	- .37	- .35	- .36
	L	.26	.40	.34	.32	.18	.12	.04	.08
70.0	U	- .71	- .94	- .74	- .48	- .41	—	- .27	- .28
	L	.30	.42	.34	.34	.08	.11	.01	.08
73.0	U	—	—	—	—	—	- .28	- .25	- .26	- .23
80.0	U	- .74	- .87	- .62	—	—	- .22	- .17	- .23	- .20
	L	.29	.16	.11	—	—	.07	- .03	- .03	- .01
85.0	U	—	—	—	—	—	- .21	- .15	- .20	—
	L	—	—	—	—	—	.04	—	- .04	.02
90.0	U	- .70	—	—	—	—	- .17	- .11	- .19	- .14
	L	—	—	—	—	—	.02	- .04	- .02	0
95.0	U	—	—	—	—	—	- .13	- .06	- .17	- .11
	L	—	—	—	—	—	- .04	.02	- .07	- .02

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
0		—	-1.89	—	—	—	—	—	—
0.25	U	—	-1.18	—	—	—	—	—	—
	L	-2.18	-1.29	—	—	—	—	—	—
0.5	U	—	-1.18	—	—	—	—	—	—
	L	- .59	- .68	—	—	—	—	—	—
1.0	U	—	—	—	—	—	—	—	—
	L	- .54	- .07	—	—	—	—	—	—
1.5	U	-3.73	-1.06	—	—	—	—	—	—
	L	.05	—	—	—	—	—	—	—
2.5	U	-3.97	-1.05	—	—	—	—	—	—
	L	.44	.47	—	—	—	—	—	—
3.5	U	-2.36	-1.04	—	—	—	—	—	—
	L	.25	.56	—	—	—	—	—	—
5.0	U	-3.21	-1.06	-1.43	—	—	-1.78	—	—
	L	.73	—	—	—	—	—	—	—
6.0	U	—	—	-1.26	—	—	—	—	—
	L	—	.63	—	—	—	—	—	—
7.5	U	-2.60	-1.04	-1.95	-1.53	—	—	—	—
	L	.66	.61	—	.44	—	—	—	—
10.0	U	-2.02	-1.07	-1.79	-1.82	—	—	—	—
	L	.24	—	—	.46	—	—	—	—
12.5	U	—	—	-1.87	-1.61	—	—	—	—
15.0	U	—	-1.09	-1.43	-1.49	—	—	—	—
17.5	U	-1.22	—	—	-1.32	—	—	—	—
20.0	U	-1.09	-1.14	-1.41	-1.60	—	—	-0.91	—
	L	.53	.46	—	.41	—	—	0.34	—
30.0	U	-1.10	-1.13	-1.03	-1.07	—	—	- .59	—
	L	.44	.40	—	.39	—	—	.21	—
40.0	U	- .98	-1.08	- .84	- .87	—	—	—	—
	L	.36	.36	—	.36	—	—	.07	—
50.0	U	- .92	-1.07	- .79	- .70	—	—	- .41	—
	L	.32	.29	—	.33	—	—	.09	—
60.0	U	- .80	-1.06	- .71	- .61	—	—	- .37	—
	L	.28	.40	—	.32	—	—	.01	—
70.0	U	- .83	- .97	- .69	- .47	—	—	- .28	—
	L	.31	.42	—	.34	—	—	.03	—
73.0	U	—	—	—	—	—	—	- .28	—
80.0	U	- .80	- .93	- .75	—	-0.29	-0.36	- .34	- .37
	L	.29	.18	.17	—	.07	0	- .07	- .06
85.0	U	—	—	—	—	.24	- .28	- .34	—
	L	—	—	—	—	.04	- .03	- .09	- .07
90.0	U	- .97	—	—	—	.21	- .25	- .33	- .28
	L	- .12	—	—	—	0	- .05	- .09	- .10
95.0	U	—	—	—	—	.18	- .23	- .32	- .23
	L	—	—	—	—	- .06	- .07	- .16	- .13

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.38	-0.90	-0.93
1.0	U	-2.67	-1.77	-1.31
	L	.58	.49	.60
2.0	U	-2.39	-1.71	- .98
	L	.62	.58	.48
3.0	U	-2.15	-1.09	- .82
	L	.55	—	.48
4.0	U	-1.67	- .95	- .72
	L	.51	—	—
5.0	U	-1.29	- .67	- .65
	L	.42	.53	.37
6.0	U	-1.17	- .43	- .60
	L	.21	.47	.28

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0		-0.06	0.19	-0.34
73.95	U	0	.01	—
	L	—	.16	.18
75.5	U	- .49	- .06	—
	L	.40	.36	.29
76.0	U	-1.12	- .30	- .66
	L	.60	.48	.47
77.5	U	-1.49	- .56	- .82
	L	.67	.53	.56
80.0	U	-1.08	- .66	- .66
	L	.63	.51	.53
82.5	U	- .87	- .47	—
	L	.61	.47	.50
85.0	U	- .72	- .36	- .48
	L	.56	.44	.49
90.0	U	- .47	- .28	- .41
	L	.48	.33	.36
95.0	U	- .23	- .19	- .34
	L	.36	.23	.30

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.29	-0.86	-0.97
1.0	U	-2.49	-1.70	-1.24
	L	.54	.49	.56
2.0	U	-2.17	-1.66	- .87
	L	.54	.55	.49
3.0	U	-1.89	-1.08	- .82
	L	.59	—	.43
4.0	U	-1.46	- .93	- .73
	L	.54	.52	—
5.0	U	-1.17	- .66	- .65
	L	.43	.53	.37
6.0	U	-1.04	- .45	- .62
	L	.23	.46	.27

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0		-0.06	0.09	-0.36
73.95	U	.01	.01	—
	L	—	.01	.12
75.5	U	- .47	- .09	—
	L	.41	.34	.28
76.0	U	- .68	- .24	- .70
	L	.50	.48	.46
77.5	U	-1.09	- .65	- .86
	L	.58	.53	.54
80.0	U	-1.07	- .72	- .86
	L	.44	.52	.52
82.5	U	- .87	- .51	—
	L	.52	.47	.50
85.0	U	- .74	- .49	- .47
	L	.58	.43	.49
90.0	U	- .51	- .31	- .41
	L	.50	.33	.37
95.0	U	- .34	- .22	- .35
	L	.39	.23	.30

NACA

TABLE IX.- PRESSURE COEFFICIENTS[1] FOR THE WING WITH ALL SLATS EXTENDED, 14- TO 97-PERCENT SEMISPAN. FLAPS DEFLECTED.. $R = 8\times10^6$

SLAT δ_s = -0.22

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		---	-1.53	-1.37	---	-0.71	---	---
0.25	U	1.76	-.16	-.34	.24	.06	-0.24	.08
	L	---	-1.25	-1.47	-1.03	-.52	-1.30	---
0.5	U	.55	.24	.12	.21	.29	.19	.38
	L	---	-.73	-.06	-.67	-.44	-.91	-.20
1.0	U	.16	.42	.37	.44	.44	.42	.40
	L	-2.37	-.47	---	-.49	-.38	-.69	-.20
1.5	U	.35	.44	.45	---	.47	.47	.41
	L	-2.29	-.41	-.33	-.37	-.36	-.61	-.02
2.5	U	.46	.46	.44	.46	.43	.45	.40
	L	-1.54	-.39	-.32	-.36	-.37	-.62	-.20
3.5	U	.50	.48	.42	-.56	.48	.45	.38
	L	-1.03	-.37	-.31	-.36	-.34	-.45	-.15
5.0	U	.47	.56	.37	.35	.38	.28	.39
	L	-.61	-.33	-.28	-.29	-.32	-.34	-.16
7.5	U	.41	.28	.26	.28	.30	.40	.24
	L	-1.09	-.54	-.28	-.29	-.40	-.32	---
10.0	U	.34	.20	.23	.18	.22	.24	.16
	L	-1.38	-.36	-.30	-.30	-.48	-.35	-.24
15.0	U	.14	-.03	.08	.08	.07	.03	-.03
	L	-1.98	-.48	-.34	-.34	-.06	-.42	-.24
17.5	U	-.12	---	-.08	---	---	---	---
	L	-1.54	---	-.38	---	---	---	---

SLAT δ_s = -0.17

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-0.79	-1.87	-1.56	---	-1.77	---	---
0.25	U	---	-.12	-.30	-.04	-.17	-0.26	-.11
	L	---	-2.01	-2.07	-1.91	-2.34	-2.19	---
0.5	U	.54	.26	.15	.24	.30	.22	.27
	L	-2.30	-1.26	-1.53	-1.66	-1.99	-1.73	-.64
1.0	U	.35	.43	.36	.44	.48	.43	.42
	L	-2.15	-1.05	---	-.90	-1.15	-1.07	-.69
1.5	U	.45	.45	.43	---	.45	.46	.43
	L	-1.75	-.71	.51	-.60	-.67	-.65	-.08
2.5	U	.47	.45	.38	.42	.41	.45	.42
	L	-1.25	-.37	-.44	-.22	-.51	-.44	-.54
3.5	U	.48	.45	.35	.38	.38	.40	.37
	L	-.85	-.26	-.38	-.26	-.36	-.41	-.21
5.0	U	.40	.38	.30	.27	.33	.24	.28
	L	-.44	-.26	-.28	-.24	-.32	-.38	-.24
7.5	U	.31	.32	.20	.21	.24	.26	.22
	L	-1.15	-.25	-.30	-.25	-.24	-.38	-.32
10.0	U	.24	.20	.16	.11	.15	.20	.13
	L	-1.01	-.26	-.30	-.26	-.36	-.34	-.22
15.0	U	.08	.13	-.02	.01	.02	-.02	.08
	L	-1.23	-.26	-.31	-.27	-.06	-.41	-.33
17.5	U	-.20	---	-.17	---	---	---	---
	L	-1.18	---	-.20	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-1.00	-0.38	-0.36	-0.34	-0.61	-0.40	---	-0.29
	L	---	---	---	---	---	---	---	---
7.5	U	-1.06	-.50	-.43	-.42	-.52	-.46	---	-.31
	L	-.04	-.35	-.33	-.41	-.57	-.33	---	-.28
10.0	U	.46	---	.33	-.26	.24	.24	---	.31
	L	.09	---	-.32	-.48	-.66	---	---	-.21
12.5	U	.35	.08	.05	.14	.06	.06	---	.18
15.0	U	.18	-.03	-.02	.01	.04	.02	---	.02
17.5	U	.10	-.34	-.32	-.03	-.56	-.42	---	-.76
20.0	U	-.03	-.16	-.26	-.24	-.11	-.09	-0.17	-.18
	L	-.20	-.40	-.41	-.33	-.29	-.34	-.49	-.47
30.0	U	-.02	-.21	-.28	-.19	-.14	-.18	-.11	-.10
	L	-.27	-.42	-.50	-.36	-.17	-.41	-.39	-.27
40.0	U	-.10	-.29	-.25	-.22	-.16	-.14	-.04	-.14
	L	-.26	-.31	-.16	-.24	-.20	-.41	-.31	-.26
50.0	U	-.18	-.34	-.35	-.25	-.18	-.14	-.18	-.14
	L	-.18	-.15	-.13	-.17	-.25	-.22	-.25	-.20
60.0	U	-.21	-.40	-.28	-.24	-.14	-.16	-.06	-.10
	L	-.06	0	-.14	-.18	-.27	-.23	-.17	-.18
70.0	U	-.28	-.60	-.45	-.21	-.20	-.11	-.09	-.09
	L	-.02	.15	-.14	-.09	-.26	-.12	-.15	-.17
73.0	U	---	---	---	---	-.21	---	-.09	-.10
75.0	U	---	---	---	---	---	---	---	---
80.0	U	-.46	-.88	-.50	-.34	-.13	-.06	-.09	-.06
	L	-.20	.05	-.35	-.11	-.19	-.10	-.13	-.18
85.0	U	---	---	---	---	-.18	-.09	-.07	-.06
	L	---	---	---	---	-.16	-.10	-.13	-.19
90.0	U	-.71	---	---	---	-.18	-.07	-.06	-.06
	L	-.20	---	---	---	-.13	-.11	-.11	-.11
95.0	U	---	---	---	---	-.18	-.08	-.08	-.08
	L	---	---	---	---	-.18	-.11	-.12	-.09

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.70	-0.25	-0.26	-0.29	-0.41	-0.36	---	-0.36
	L	---	---	---	---	---	---	---	---
7.5	U	-.84	-.35	-.29	-3.72	-.45	-.50	---	-.41
	L	.16	-.24	-.27	-.32	-.43	-.36	---	---
10.0	U	.47	---	-.19	-.30	.25	.21	---	.24
	L	.26	---	-.29	-.37	-.30	---	---	-.32
12.5	U	.16	.03	.03	-.14	.02	.01	---	.06
15.0	U	.08	-.09	-.07	-.02	-.01	-.02	---	.01
17.5	U	.02	-.44	-.42	-.12	-.75	-.54	---	-.58
20.0	U	-.10	-.23	-.35	-.32	-.18	-.14	-0.20	-.15
	L	-.16	-.27	-.28	-.27	-.12	-.40	-.46	---
30.0	U	-.10	-.27	-.23	-.28	-.13	-.17	-.12	-.11
	L	-.17	-.19	-.08	-.04	-.03	-.27	-.19	---
40.0	U	-.16	-.34	-.35	-.30	-.20	-.17	-.06	-.14
	L	-.19	.03	.10	.08	-.07	-.18	-.12	---
50.0	U	-.23	-.38	-.42	-.31	-.21	-.17	-.12	-.13
	L	-.13	.11	.09	.11	-.12	-.14	-.07	---
60.0	U	-.26	-.42	-.27	-.34	-.17	-.18	-.08	-.08
	L	-.06	.13	.10	.12	-.13	-.07	-.06	---
70.0	U	-.33	-.62	-.54	-.33	-.22	-.13	-.08	-.06
	L	.02	.19	.11	.13	-.12	-.04	-.04	---
73.0	U	---	---	---	---	-.23	---	-.03	-.08
75.0	U	---	---	---	---	---	---	---	---
80.0	U	-.53	-.89	-.69	-.59	-.14	-.08	-.04	0
	L	.08	.10	-.18	0	-.07	.03	-.01	-.04
85.0	U	---	---	---	---	-.12	-.04	-.02	-.01
	L	---	---	---	---	-.06	-.04	0	0
90.0	U	-.74	---	---	---	-.08	-.02	-.01	.03
	L	-.20	---	---	---	-.05	-.02	.05	-.03
95.0	U	---	---	---	---	-.06	-.01	.01	-.06
	L	---	---	---	---	-.06	-.01	.02	-.07

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.64	-0.30	-0.64
1.0	U	-3.29	-.81	-1.12
	L	.12	.02	-.42
2.0	U	-3.64	-.76	-1.01
	L	-.41	.06	-.25
3.0	U	-3.08	-.45	-.96
	L	.37	---	-.18
4.0	U	-2.20	-.36	-.75
	L	.30	.09	-.12
5.0	U	-1.86	-.33	-.70
	L	.19	.09	-.24
6.0	U	-1.27	-.31	-.67
	L	-.04	.07	-.04

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.69	-0.20	-.21
75.25	U	---	---	---
	L	---	---	-.74
75.5	U	-.96	-.22	---
	L	.20	-.17	-.77
76.0	U	-1.05	-.29	-.54
	L	.43	-.08	-.55
77.5	U	-1.56	-.34	-.45
	L	.50	-.01	-.20
80.0	U	-1.04	-.28	-.47
	L	.52	.05	-.05
82.5	U	-.75	-.19	---
	L	.51	.04	.01
85.0	U	-.55	-.17	-.40
	L	.46	.06	.05
90.0	U	-.39	-.17	-.30
	L	.33	.04	.09
95.0	U	-.27	-.16	-.21
	L	.31	.03	.11

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.47	-0.25	-1.54
1.0	U	-3.64	-2.29	-2.20
	L	.16	.19	0
2.0	U	-3.30	-2.26	-1.88
	L	.39	.27	.28
3.0	U	-2.95	-1.76	-1.56
	L	.27	---	.24
4.0	U	-2.11	-1.36	-1.36
	L	.34	.27	.19
5.0	U	-1.56	-.88	-1.24
	L	.14	.24	.18
6.0	U	-1.28	-.74	-1.13
	L	-.08	.16	.06

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0	U	-0.47	-0.08	-1.03
75.25	U	---	---	---
	L	---	---	-.63
75.5	U	-.79	-.38	---
	L	.22	-.04	-.47
76.0	U	-1.00	-.58	-.99
	L	.36	.15	.14
77.5	U	-1.49	-.76	-.88
	L	.41	.24	.23
80.0	U	-1.00	-.67	-.69
	L	.42	.26	.37
82.5	U	-.75	-.42	---
	L	.40	.26	.40
85.0	U	-.54	-.30	.23
	L	.39	.26	.39
90.0	U	-.39	-.20	.40
	L	.31	.20	.34
95.0	U	-.27	-.15	.24
	L	.20	.18	.28

NACA

[1]Pressure coefficients tabulated are defined as $(p_l-p_0)/q$

TABLE IX.- CONTINUED

SLAT $\alpha = -4.03$

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-1.96	-1.10	- .86	---	-0.78	---	---
0.25	U	- .14	.19	.15	.20	.33	0.12	- .04
	L	-2.74	-1.65	-1.40	-1.39	-1.61	-1.74	---
0.5	U	.54	.40	.38	.41	.39	.38	.33
	L	-2.40	-1.36	-1.24	-1.23	-1.35	-1.58	-1.60
1.0	U	.45	.43	.46	.46	.45	.45	.45
	L	-1.56	- .95	---	- .79	- .98	-1.06	-1.00
1.5	U	.47	.41	.45	---	.41	.45	.43
	L	-1.32	- .76	- .62	- .58	- .73	- .78	---
2.5	U	.44	.38	.31	.38	.34	.40	.38
	L	-1.09	- .50	- .50	- .43	- .50	- .57	- .47
3.5	U	.38	.30	.29	.23	.29	.35	.34
	L	- .72	- .32	- .35	- .35	- .38	- .43	- .19
5.0	U	.32	.23	.22	.18	.23	---	.27
	L	- .36	- .15	- .17	- .16	- .20	- .24	- .15
7.5	U	.23	.11	.12	.12	.13	.28	.17
	L	- .22	- .15	- .19	- .17	- .24	- .22	.24
10.0	U	.15	.08	.08	.01	.04	.11	.08
	L	- .73	- .16	- .21	- .18	- .26	- .22	- .21
15.0	U	- .03	- .13	- .08	- .06	- .10	- .06	- .10
	L	- .82	- .22	- .32	- .30	- .03	- .23	- .21
17.5	U	- .25	---	- .20	---	---	---	---
	L	- .81	---	- .31	---	---	---	---

SLAT $\alpha = -1.59$

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-0.64	-0.16	-0.06	---	0.02	---	---
0.25	U	.24	.45	.41	.39	.44	0.41	.30
	L	-1.58	- .70	- .66	- .55	- .75	- .83	---
0.5	U	.52	.43	.48	.43	.41	.43	.46
	L	-1.47	- .65	- .62	- .58	- .64	- .62	- .89
1.0	U	.41	.34	.39	.31	.36	.41	.40
	L	-1.19	- .54	---	- .43	- .50	- .55	- .79
1.5	U	.28	.22	.32	---	.28	.34	.34
	L	- .89	- .47	- .28	- .39	- .46	- .53	- .02
2.5	U	.31	.23	.16	.15	.19	.26	.26
	L	- .73	- .27	- .34	- .25	- .28	- .36	- .34
3.5	U	.24	.15	.13	.06	.15	.19	.22
	L	- .58	- .18	- .24	- .24	- .22	- .24	- .18
5.0	U	.17	.10	.06	.01	.06	---	.14
	L	- .39	- .05	- .14	- .13	- .12	- .31	- .11
7.5	U	.10	- .02	- .05	- .07	0	.14	.08
	L	- .63	- .08	- .23	- .24	- .30	- .18	.53
10.0	U	.04	- .05	- .10	- .15	.08	- .01	- .02
	L	- .55	- .09	- .22	- .25	- .23	- .14	- .17
15.0	U	- .11	- .23	- .22	- .19	.20	- .17	- .18
	L	- .61	- .26	- .25	- .24	- .05	- .23	- .23
17.5	U	- .24	---	- .34	---	---	---	---
	L	- .42	---	- .55	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.61	-0.19	-0.31	-0.31	-0.29	-0.25	---	-0.23
	L	---	---	---	---	---	---	---	---
7.5	U	- .66	- .25	- .28	- .27	- .29	- .26	---	- .26
	L	.27	- .18	- .21	- .28	- .38	- .24	---	- .25
10.0	U	.40	---	- .28	- .28	- .24	- .23	---	- .21
	L	.26	---	- .18	- .22	- .30	---	---	- .17
12.5	U	.08	- .29	- .30	- .28	- .04	- .07	---	.06
15.0	U	- .01	- .29	- .31	- .26	- .10	- .14	---	- .04
17.5	U	- .06	- .46	- .44	- .27	- .84	- .75	---	- .26
20.0	U	- .25	- .56	- .43	- .41	- .29	- .24	-0.29	- .19
	L	- .03	0	.16	.16	.10	- .24	- .12	- .11
30.0	U	- .18	- .37	- .41	- .37	- .26	- .24	- .15	- .16
	L	- .10	.08	.09	.14	- .04	- .11	- .07	- .12
40.0	U	- .23	- .43	- .42	- .39	- .29	- .22	- .07	- .19
	L	- .12	.12	.10	.11	- .06	- .11	- .14	- .11
50.0	U	- .30	- .48	- .49	- .40	- .29	- .20	- .14	- .16
	L	- .08	.18	.16	.14	- .06	- .12	- .09	- .10
60.0	U	- .32	- .51	- .44	- .42	- .22	- .18	- .10	- .11
	L	- .01	.21	.18	.18	- .06	- .09	- .07	- .08
70.0	U	- .37	- .70	- .60	- .43	- .28	- .24	- .08	- .08
	L	.05	.20	.21	.20	- .09	- .05	- .04	- .06
73.0	U	---	---	---	---	- .24	---	- .07	- .07
75.0	U	---	---	---	---	---	---	---	---
80.0	U	- .66	- .99	- .77	- .88	- .17	- .05	- .03	- .03
	L	.11	.13	- .10	- .04	- .06	.04	0	- .05
85.0	U	---	---	---	---	- .15	- .04	0	- .02
	L	---	---	---	---	- .04	- .04	.02	- .02
90.0	U	- .78	---	---	---	- .11	- .01	.01	0
	L	- .19	---	---	---	- .06	.01	.06	0
95.0	U	---	---	---	---	- .07	.01	.04	.02
	L	---	---	---	---	- .07	.02	.06	.04

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.54	-0.27	-0.57	-0.52	-0.56	- .27	---	- .21
	L	---	---	---	---	---	---	---	---
7.5	U	- .28	- .28	- .39	- .43	- .36	- .25	---	- .21
	L	.40	- .02	.26	.36	.29	- .14	---	- .20
10.0	U	- .26	---	- .42	- .38	- .34	- .25	---	- .22
	L	.31	---	.35	.39	.29	---	---	- .10
12.5	U	- .15	- .38	- .44	- .40	- .35	- .28	---	- .21
15.0	U	- .14	- .40	- .44	- .44	- .33	- .26	---	- .23
17.5	U	- .20	- .59	- .62	- .45	- .79	- .77	---	- .14
20.0	U	- .32	- .46	- .58	- .59	- .44	- .32	-0.33	- .26
	L	.08	.15	.18	.17	.09	.02	.07	.05
30.0	U	- .25	- .44	- .52	- .50	- .39	- .29	- .24	- .20
	L	- .04	.14	.11	.14	0	- .05	- .02	- .06
40.0	U	- .31	- .49	- .50	- .50	- .36	- .26	---	- .21
	L	- .07	.15	.14	.12	- .02	- .08	- .13	- .02
50.0	U	- .36	- .50	- .56	- .50	- .34	- .17	- .17	- .18
	L	- .04	.21	.19	.16	- .03	- .11	- .09	- .05
60.0	U	- .37	- .53	- .50	- .50	- .28	- .13	- .12	- .10
	L	.02	.26	.23	.20	- .01	- .07	- .07	- .06
70.0	U	- .42	- .71	- .65	- .50	- .31	- .13	- .08	- .07
	L	.08	.29	.26	.24	- .07	- .04	- .04	- .02
73.0	U	---	---	---	---	- .32	---	---	- .10
75.0	U	---	---	---	- .88	---	---	---	---
80.0	U	- .59	- .99	- .80	- .94	- .19	- .06	- .04	- .03
	L	.13	.17	- .09	- .04	- .04	.02	0	- .02
85.0	U	---	---	---	---	- .14	- .06	- .02	- .01
	L	---	---	---	---	- .05	- .08	0	.01
90.0	U	- .81	---	---	---	- .11	- .04	.04	.01
	L	- .18	---	---	---	- .06	- .01	0	- .05
95.0	U	---	---	---	---	- .09	0	.05	.04
	L	---	---	---	---	- .07	.01	.05	- .06

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.63	-1.56	-1.64
1.0	U	-3.94	-3.14	-2.61
	L	.14	.40	.31
2.0	U	-3.65	-3.16	-2.15
	L	.36	.50	.42
3.0	U	-3.15	-2.25	-1.64
	L	.34	---	.38
4.0	U	-2.23	-1.81	-1.42
	L	.28	.48	.50
5.0	U	-1.56	-1.27	-1.35
	L	.16	.44	.29
6.0	U	-1.33	- .95	-1.27
	L	- .07	.33	.18

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0	U	+0.47	-0.22	0.84
75.25	U	---	---	---
	L	---	---	- .34
75.5	U	- .81	- .42	---
	L	.27	.12	- .14
76.0	U	-1.06	- .73	-1.14
	L	.43	.36	.17
77.5	U	-1.07	-1.01	-1.10
	L	.45	.46	.43
80.0	U	-1.07	- .97	- .74
	L	.46	.47	.49
82.5	U	- .79	- .63	---
	L	.47	.44	.51
85.0	U	- .59	- .44	- .52
	L	.42	.40	.49
90.0	U	- .38	- .25	- .42
	L	.31	.26	.39
95.0	U	- .26	- .14	- .26
	L	.50	.18	.32

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.76	-1.79	-1.69
1.0	U	-4.14	-3.40	-2.69
	L	.26	.46	.46
2.0	U	-3.82	-3.43	-2.23
	L	.47	.54	.50
3.0	U	-3.33	-2.43	-1.66
	L	.43	---	.44
4.0	U	-2.39	-2.02	-1.38
	L	.36	.50	.51
5.0	U	-1.77	-1.40	-1.33
	L	.24	.46	.32
6.0	U	-1.34	- .94	-1.27
	L	.01	.35	.17

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.38	-0.19	-0.70
75.25	U	---	---	---
	L	---	---	- .16
75.5	U	- .80	- .43	- .02
	L	.42	.19	.07
76.0	U	-1.05	- .76	-1.18
	L	.54	.41	.34
77.5	U	-1.66	-1.09	-1.21
	L	.56	.49	.53
80.0	U	-1.13	-1.08	- .75
	L	.55	.49	.53
82.5	U	- .83	- .72	---
	L	.52	.44	.51
85.0	U	- .65	- .52	- .53
	L	.45	.40	.49
90.0	U	- .38	- .30	- .44
	L	.33	.26	.38
95.0	U	- .26	- .29	- .33
	L	.22	.17	.32

NACA

TABLE IX.- CONTINUED

SLAT $\alpha = 0.15$

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-0.04	0.30	0.34	---	0.32	---	---
0.25	U	.40	.40	.42	.48	.38	0.44	0.44
	L	- .88	- .16	- .09	- .03	- .13	- .20	---
0.5	U	.53	.26	.32	.28	.26	.34	.39
	L	- .88	- .22	- .18	- .15	- .18	- .30	- .42
1.0	U	.38	.15	.19	.13	.12	.23	.29
	L	- .75	- .25	---	- .14	- .16	- .22	- .39
1.5	U	.28	.11	.11	---	.03	.15	.21
	L	- .56	- .24	- .25	- .14	- .18	- .22	- .34
2.5	U	.20	.06	- .09	0	- .09	.07	.12
	L	- .56	- .19	- .20	- .14	- .15	- .19	- .24
3.5	U	.13	- .01	- .06	- .09	- .06	.01	.12
	L	- .44	- .18	- .17	- .14	- .13	- .16	- .06
5.0	U	.07	- .06	- .11	- .12	- .11	---	.03
	L	- .36	- .03	- .21	- .16	- .14	- .11	- .07
7.5	U	.01	- .15	- .20	- .18	- .16	- .04	- .03
	L	- .50	- .08	- .26	- .21	- .33	- .12	---
10.0	U	- .06	- .19	- .21	- .24	- .22	- .16	- .11
	L	- .58	- .09	- .32	- .23	- .33	- .12	- .13
15.0	U	- .16	- .33	- .33	- .29	- .33	- .29	- .25
	L	- .25	- .34	- .03	- .29	- .08	- .27	- .25
17.5	U	- .27	---	- .43	---	---	---	---
	L	- .45	---	- .46	---	---	---	---

SLAT $\alpha = 2.24$

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		0.35	0.46	0.44	---	0.34	---	---
0.25	U	.39	.11	.15	.13	- .06	0.10	.32
	L	- .19	.33	.38	.36	.31	.26	---
0.5	U	.35	- .06	- .06	- .14	- .19	- .01	.18
	L	- .31	.14	.23	.27	.20	.13	- .03
1.0	U	.17	- .16	- .21	- .26	- .29	- .09	.06
	L	- .31	.06	---	.17	.15	.04	- .09
1.5	U	.10	- .17	- .25	---	- .32	- .15	- .05
	L	- .29	.03	- .06	.12	.06	0	- .10
2.5	U	.03	- .20	- .39	- .31	- .31	- .18	- .11
	L	- .26	.01	.04	.06	.04	0	- .01
3.5	U	- .03	- .22	- .31	- .35	- .31	- .20	- .07
	L	- .26	- .01	- .02	.02	0	- .03	- .10
5.0	U	- .06	- .23	- .32	- .34	- .32	---	- .14
	L	- .24	- .08	- .12	- .09	- .08	- .06	- .10
7.5	U	- .10	- .31	- .36	- .37	- .33	- .22	- .16
	L	- .39	- .08	- .18	- .11	- .20	- .06	---
10.0	U	- .15	- .33	- .37	- .40	- .37	- .29	- .23
	L	- .42	- .09	- .19	- .14	- .28	- .06	- .15
15.0	U	- .24	- .44	- .46	- .43	- .45	- .41	- .32
	L	.05	- .25	.03	- .17	- .03	- .20	- .19
17.5	U	- .32	---	- .49	---	---	---	---
	L	- .36	---	- .54	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.86	-0.50	-1.06	-1.10	-0.77	-0.47	---	-0.40
	L	---	---	---	---	---	---	---	---
7.5	U	- .25	- .42	- .53	- .45	- .43	- .36	---	- .32
	L	.48	.23	.44	.50	.41	.08	---	.06
10.0	U	- .28	---	- .59	- .55	- .49	- .40	---	- .55
	L	.36	---	.33	.39	.35	---	---	.10
12.5	U	- .30	- .54	- .59	- .59	- .52	- .42	---	- .35
15.0	U	- .31	- .55	- .57	- .59	- .49	- .42	---	- .36
17.5	U	- .35	- .79	- .90	- .52	-1.03	- .75	---	- .71
20.0	U	- .43	- .61	- .75	- .79	- .46	- .46	-0.45	- .42
	L	.10	.16	.23	.17	.13	.07	.08	.04
30.0	U	- .34	- .55	- .63	- .61	- .49	- .40	- .31	- .32
	L	.04	.14	.14	.17	.04	- .02	- .01	- .09
40.0	U	- .36	- .58	- .59	- .58	- .44	- .35	---	- .29
	L	0	.16	.16	.15	0	- .06	- .10	- .11
50.0	U	- .40	- .59	- .62	- .57	- .42	- .29	- .20	- .24
	L	- .02	.21	.19	.18	- .02	- .05	- .07	- .09
60.0	U	- .41	- .60	- .55	- .56	- .32	- .21	- .14	- .16
	L	.06	.27	.23	.20	- .01	- .05	- .07	- .06
70.0	U	- .45	- .78	- .69	- .55	- .35	- .17	- .10	- .13
	L	.12	.31	.27	.24	- .07	- .02	- .04	- .06
73.0	U	---	---	---	---	---	---	- .09	- .11
75.0	U	---	---	---	- .75	---	---	---	---
80.0	U	- .61	-1.04	- .83	-1.01	- .24	- .08	- .04	- .04
	L	.16	.06	- .07	- .05	- .05	.02	- .01	- .03
85.0	U	---	---	---	---	- .12	- .07	- .01	- .03
	L	---	---	---	---	- .06	- .04	.02	0
90.0	U	- .61	---	---	---	- .16	- .04	.01	- .02
	L	- .16	---	---	---	- .06	0	.06	.01
95.0	U	---	---	---	---	- .12	0	.05	.02
	L	---	---	---	---	- .10	.02	.06	.04

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-1.33	-1.01	-1.29	-1.49	-0.90	-0.77	---	-0.49
	L	---	---	---	---	---	---	---	---
7.5	U	- .35	- .65	- .78	- .66	- .51	- .47	---	- .49
	L	.50	---	.48	.50	.44	.43	---	.42
10.0	U	- .40	---	- .80	- .75	- .65	- .54	---	- .51
	L	.39	---	.39	.42	.34	---	---	.13
12.5	U	- .43	- .68	- .77	- .77	- .68	- .58	---	- .46
15.0	U	- .42	- .68	- .71	- .75	- .61	- .56	---	- .46
17.5	U	- .48	-1.08	-1.14	- .72	-1.15	- .94	---	-1.12
20.0	U	- .56	- .74	- .91	- .62	- .69	- .59	-0.63	- .84
	L	.16	.28	.27	.27	.19	.19	.12	.09
30.0	U	- .48	- .65	- .72	- .60	- .57	- .49	- .39	- .36
	L	.09	.18	.20	.22	.08	.03	.04	- .04
40.0	U	- .43	- .64	- .66	- .65	- .51	- .40	---	- .84
	L	.05	.20	.21	.20	.06	- .01	- .07	- .05
50.0	U	---	- .65	- .68	- .62	- .47	- .34	- .25	- .28
	L	.06	.24	.24	.22	.02	- .06	- .06	- .07
60.0	U	- .46	- .65	- .60	- .60	- .36	- .24	- .17	- .18
	L	.10	.29	.26	.24	.02	- .02	- .07	- .05
70.0	U	.50	- .80	- .72	- .57	- .39	- .19	- .12	- .15
	L	.18	.33	.29	.26	- .05	- .01	- .04	- .03
73.0	U	---	---	---	---	- .38	---	- .11	- .13
75.0	U	---	---	---	- .77	---	---	---	---
80.0	U	- .63	-1.07	- .88	-1.04	- .28	- .11	- .06	- .06
	L	.19	- .01	---	- .04	- .03	.03	- .03	- .02
85.0	U	---	---	---	---	- .20	- .10	- .03	- .04
	L	---	---	---	---	- .05	- .04	- .01	0
90.0	U	- .81	---	---	---	- .16	- .06	- .01	- .02
	L	- .13	---	---	---	- .07	- .01	.05	.01
95.0	U	---	---	---	---	- .12	- .02	.02	.01
	L	---	---	---	---	- .09	.01	.02	.03

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.97	-1.86	-1.72
1.0	U	-4.57	-3.54	-2.59
	L	.38	.48	.53
2.0	U	-3.97	-3.57	-2.21
	L	.58	.57	.55
3.0	U	-3.43	-2.40	-1.63
	L	.52	---	.48
4.0	U	-2.48	-2.12	-1.36
	L	.45	.54	.51
5.0	U	-1.85	-1.47	-1.29
	L	.32	.48	.36
6.0	U	-1.35	- .84	-1.24
	L	.07	.37	.16

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0		-0.36	-0.17	-0.63
75.25	U	---	---	---
	L	---	---	- .08
75.5	U	- .82	- .41	.02
	L	.53	.22	.14
76.0	U	-1.08	- .77	-1.16
	L	.66	.45	.41
77.5	U	-1.72	-1.11	-1.29
	L	.65	.55	.57
80.0	U	-1.17	-1.12	- .75
	L	.61	.53	.55
82.5	U	- .85	- .75	---
	L	.57	.49	.52
85.0	U	- .64	- .53	- .54
	L	.47	.45	.50
90.0	U	- .36	- .29	- .46
	L	.34	.32	.37
95.0	U	- .27	- .14	- .36
	L	.22	.22	.35

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.10	-1.90	-1.71
1.0	U	-4.65	-3.66	-2.76
	L	.49	.46	.46
2.0	U	-4.00	-3.70	-2.39
	L	.63	.54	.61
3.0	U	-3.44	-2.60	-1.68
	L	.57	---	.45
4.0	U	-2.47	-2.22	-1.41
	L	.50	.52	.50
5.0	U	-1.84	-1.53	-1.34
	L	.36	.47	.32
6.0	U	-1.54	- .97	-1.29
	L	.14	.35	.16

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0		-0.25	-0.19	-0.52
75.25	U	---	---	---
	L	---	---	- .08
75.5	U	- .79	- .45	.01
	L	.61	.20	.13
76.0	U	-1.06	- .81	-1.20
	L	.70	.44	.37
77.5	U	-1.73	-1.17	-1.31
	L	.64	.53	.54
80.0	U	-1.16	-1.16	- .77
	L	.61	.52	.52
82.5	U	- .83	- .78	---
	L	.57	.47	.50
85.0	U	- .62	- .55	- .54
	L	.47	.43	- .46
90.0	U	- .38	- .31	- .46
	L	.38	.31	.36
95.0	U	- .27	- .14	- .36
	L	.52	.20	.31

NACA

TABLE IX.- CONTINUED

SLAT α = 4.30

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		0.43	0.19	-.07	—	-0.28	—	—
0.25	U	.16	-.52	-.51	-.54	-.91	-0.43	-.05
	L	.19	.45	.47	.44	.42	.45	—
0.5	U	.25	.64	-.72	-.82	-.93	-.61	-.22
	L	.04	.38	.45	.45	.39	.50	.20
1.0	U	-.09	-.61	-.81	-.89	-.89	-.80	-.38
	L	-.01	.29	—	.34	.35	.27	.20
1.5	U	-.15	-.54	-.77	—	-.88	-.57	-.36
	L	-.06	.25	.14	.38	.27	.20	.01
2.5	U	-.19	-.52	-.78	-.67	-.86	-.51	-.36
	L	-.10	.18	.26	.35	.20	.17	.02
3.5	U	-.23	-.45	-.62	-.65	-.65	-.49	-.28
	L	-.11	.15	.20	.18	.14	.11	.06
5.0	U	-.24	-.46	-.57	-.60	-.58	—	-.32
	L	-.13	.02	-.01	.10	0	.02	-.01
7.5	U	-.25	-.50	-.56	-.56	-.54	-.46	-.32
	L	-.19	.09	-.03	.07	-.09	.02	—
10.0	U	-.29	-.49	-.55	-.60	-.57	-.47	-.34
	L	-.35	.02	-.04	0	-.19	.06	-.07
15.0	U	-.54	-.37	-.59	-.52	-.52	-.55	-.42
	L	-.11	-.17	-.06	.01	-.06	-.10	-.18
17.5	U	-.36	—	-.54	—	—	—	—
	L	-.32	—	-.39	—	—	—	—

SLAT α = 6.35

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		—	—	-0.78	—	-1.37	—	—
0.25	U	—	—	-1.60	-1.59	-2.14	-1.49	-.74
	L	—	—	.34	.32	.35	.33	—
0.5	U	—	—	-1.84	-1.71	-2.01	-1.56	-.84
	L	—	—	.44	.41	.37	.45	.43
1.0	U	—	—	-1.55	-1.51	-1.67	-1.23	-.90
	L	—	—	—	.47	.46	.41	.37
1.5	U	—	—	-1.42	—	-1.50	-1.20	-.78
	L	—	—	.35	.44	.41	.34	.01
2.5	U	—	—	-1.45	-1.01	-1.04	-.90	-.69
	L	—	—	.39	.37	.32	.31	.22
3.5	U	—	—	-.99	-1.11	-.96	-.83	-.57
	L	—	—	.28	.30	.28	.22	.09
5.0	U	—	—	-.85	-.90	-.85	—	-.57
	L	—	—	.08	.11	.14	.11	.04
7.5	U	—	—	-.83	-.78	-.78	-.73	-.53
	L	—	—	.07	.10	.09	.12	—
10.0	U	—	—	-.78	-.79	-.76	-.65	-.59
	L	—	—	.08	.11	.01	.14	0
15.0	U	—	—	-.78	-.74	-.79	-.75	-.62
	L	—	—	.06	.11	-.01	.06	-.14
17.5	U	—	—	-.61	—	—	—	—
	L	—	—	-.49	—	—	—	—

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-1.49	-1.01	-1.23	-1.56	-0.82	-0.72	—	-0.80
	L	—	—	—	—	—	—	—	—
7.5	U	-.46	-.84	-.98	-.80	-.73	-.65	—	-.88
	L	.52	.53	.47	.51	.43	.44	—	.44
10.0	U	-.52	—	-.99	-.93	-.88	-.71	—	-.47
	L	.43	—	.40	.44	.36	—	—	.17
12.5	U	-.55	-.96	-.84	-.94	-.85	-.76	—	-.88
15.0	U	-.54	-.83	-.83	-.90	-.73	-.71	—	-.56
17.5	U	-.55	-.72	-1.34	-.85	-1.79	-1.37	—	-1.54
20.0	U	-.76	-.54	-1.03	-1.14	-.86	-.73	-0.78	-.67
	L	.22	.26	.29	.29	.20	.15	.17	.13
30.0	U	-.49	-.72	-.80	-.80	-.68	-.60	-.46	-.47
	L	.18	.21	.22	.25	.11	.05	.07	.01
40.0	U	-.48	-.70	-.71	-.73	-.59	-.49	—	-.40
	L	.09	.22	.22	.23	.07	0	-.04	-.04
50.0	U	-.51	-.70	-.73	-.67	-.55	-.40	-.28	-.34
	L	.10	.26	.24	.24	.04	.04	-.04	-.06
60.0	U	-.49	-.68	-.61	-.64	-.41	-.29	-.18	-.28
	L	.12	.30	.26	.23	.02	-.08	-.06	-.02
70.0	U	-.51	-.55	-.79	-.60	-.42	-.23	-.14	-.12
	L	.17	.34	.29	.27	-.04	-.01	-.02	-.01
73.0	U	—	—	—	—	-.42	—	-.14	-.16
75.0	U	—	—	—	-.80	—	—	—	—
80.0	U	-.64	-1.10	-.96	-1.07	-.85	-.13	-.09	-.07
	L	.20	-.01	-.03	-.04	-.02	.05	-.04	-.01
85.0	U	—	—	—	—	-.22	-.09	-.06	-.04
	L	—	—	—	—	-.04	-.02	-.02	-.01
90.0	U	-.51	—	—	—	-.18	-.05	-.03	-.02
	L	-.11	—	—	—	-.06	-.01	.01	-.02
95.0	U	—	—	—	—	-.12	-.02	0	-.01
	L	—	—	—	—	-.06	.02	0	.04

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	—	-.49	-1.14	—	-0.49	-0.23	—	-0.71
	L	—	—	—	—	—	—	—	—
7.5	U	—	-1.01	-1.15	—	-1.00	-.62	—	-.88
	L	—	.53	.45	—	.40	.44	—	.44
10.0	U	—	—	-1.13	—	-1.13	-.88	—	-.88
	L	—	—	.49	—	.34	—	—	.12
12.5	U	—	-.96	-1.01	—	-1.07	-.93	—	-.70
15.0	U	—	-.93	-1.00	—	-.92	-.84	—	-.62
17.5	U	—	-1.23	-1.56	—	-2.10	-1.63	—	-1.52
20.0	U	—	-.98	-1.36	—	-1.02	-.85	—	-.77
	L	—	-.23	.33	—	.28	.30	—	.16
30.0	U	—	-.80	-.90	—	-.77	-.65	—	-.58
	L	—	.24	.27	—	.14	.10	—	.04
40.0	U	—	-.77	-.79	—	-.62	-.55	—	-.45
	L	—	.25	.24	—	.10	.05	—	0
50.0	U	—	-.76	-.78	—	-.59	-.44	—	-.38
	L	—	.28	.27	—	.06	0	—	-.06
60.0	U	—	-.72	-.68	—	-.47	-.32	—	-.34
	L	—	.32	.28	—	.04	.01	—	-.02
70.0	U	—	-.58	-.78	—	-.47	-.23	—	-.12
	L	—	.35	.30	—	.04	.02	—	.01
73.0	U	—	—	—	—	-.46	—	—	-.18
75.0	U	—	—	—	—	—	—	—	—
80.0	U	—	—	-.87	—	-.20	-.13	-.08	-.08
	L	—	—	.06	—	0	.07	-.02	0
85.0	U	—	—	—	—	-.25	-.11	-.06	-.04
	L	—	—	—	—	-.08	-.02	-.01	-.02
90.0	U	—	—	—	—	-.19	-.07	-.04	-.03
	L	—	—	—	—	-.04	.02	-.02	-.02
95.0	U	—	—	—	—	-.13	-.02	0	*
	L	—	—	—	—	-.07	.02	.01	-.02

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.17	-1.93	-1.70
1.0	U	-4.79	-3.74	-2.73
	L	.46	.45	.83
2.0	U	-4.34	-3.76	-2.52
	L	—	.57	.54
3.0	U	-3.52	-2.56	-1.62
	L	.55	—	.49
4.0	U	-2.80	-2.15	-1.37
	L	.47	.53	.56
5.0	U	-1.85	-1.48	-1.11
	L	.34	.46	.36
6.0	U	-1.34	-.95	-1.25
	L	.08	.35	.19

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0		-0.29	-0.20	-0.51
73.25	U	—	—	—
	L	—	—	-.08
75.5	U	-.84	-.45	-.02
	L	-.52	.19	.18
76.0	U	-1.02	-.62	-1.17
	L	.52	.44	.40
77.5	U	-1.76	-1.15	-1.27
	L	.64	.54	.57
80.0	U	-1.15	-1.14	-.76
	L	.58	.53	.56
82.5	U	-.54	-.72	—
	L	.50	.46	.32
85.0	U	-.42	-.52	-.52
	L	.46	.44	.51
90.0	U	-.32	-.23	-.47
	L	.33	.32	.36
95.0	U	-.25	-.13	-.36
	L	.30	.25	.34

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.10	-1.90	-1.71
1.0	U	-4.16	-3.48	-2.96
	L	.31	.44	.54
2.0	U	-4.00	-3.70	-2.15
	L	.62	.58	—
3.0	U	-3.17	-2.45	-1.56
	L	.57	—	.40
4.0	U	-2.42	-2.10	-1.36
	L	.49	.52	.53
5.0	U	-1.70	-1.39	-1.05
	L	.34	.47	.33
6.0	U	-1.31	-.92	-1.28
	L	.19	.36	.18

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0		-.29	-0.20	-0.63
73.25	U	—	—	—
	L	—	—	-.08
75.5	U	-.81	-.44	.02
	L	.32	.18	.12
76.0	U	-1.07	-.79	-1.16
	L	.54	.48	.38
77.5	U	-1.78	-1.18	-1.26
	L	.57	.52	.54
80.0	U	-1.04	-1.08	-.77
	L	.55	.52	.53
82.5	U	-.71	-.71	—
	L	.42	.47	.31
85.0	U	-.46	-.50	-.57
	L	.46	.43	.50
90.0	U	-.34	-.28	-.49
	L	.37	.32	.36
95.0	U	-.23	-.13	-.38
	L	.31	.23	.34

NACA

TABLE IX.- CONTINUED

SLAT σ = 6.40

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-0.16	-1.63	-2.19	---	-3.14	---	---
0.25	U	- .88	-2.96	-3.22	-3.01	-3.38	-3.00	-1.76
	L	.44	.06	- .34	- .27	- .24	- .11	---
0.5	U	- .67	-2.63	-3.02	-3.07	-3.84	-2.79	-1.73
	L	.43	.33	.22	.15	.12	.23	.40
1.0	U	- .96	-2.03	-2.66	-2.60	-2.39	-1.94	-1.60
	L	.37	.45	---	.43	.42	.40	.36
1.5	U	- .80	-1.63	-2.16	---	-2.04	-1.78	-1.39
	L	.30	.46	.29	.48	.43	.39	---
2.5	U	- .74	-1.37	-2.17	-1.67	-1.86	-1.43	-1.19
	L	.28	.44	.46	.45	.43	.40	.34
3.5	U	- .68	-1.14	-1.46	-1.52	-1.36	-1.24	- .93
	L	.16	.40	.43	.41	.37	.33	.17
5.0	U	- .61	-1.03	-1.22	-1.23	-1.20	---	- .85
	L	.06	.27	.25	.33	.21	.20	.12
7.5	U	- .54	- .96	-1.13	-1.08	-1.04	-1.06	- .75
	L	.14	.27	.18	.21	.17	.22	---
10.0	U	- .56	- .89	-1.00	-1.01	- .98	- .91	- .76
	L	.14	.27	.18	.27	.19	.24	.14
15.0	U	- .55	- .85	- .96	- .92	- .90	- .92	- .76
	L	---	- .23	- .01	- .36	- .01	- .06	- .18
17.5	U	- .56	---	- .99	---	---	---	---
	L	.36	---	- .63	---	---	---	---

SLAT σ = 10.41

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-0.84	-3.53	-4.06	---	-5.60	-4.40	---
0.25	U	-1.96	-4.67	-5.20	-4.93	-5.14	-4.93	-5.09
	L	.31	- .49	-1.24	-1.20	-0.98	-0.54	---
0.5	U	---	-5.86	-4.87	-4.55	-5.20	-4.27	-5.60
	L	.43	.01	- .20	- .31	- .22	- .18	.24
1.0	U	-1.49	-2.89	-3.62	-3.45	-3.46	-2.81	-2.47
	L	.47	.34	---	.27	.20	.27	.42
1.5	U	-1.24	-2.51	-3.10	---	-2.92	-2.57	-1.98
	L	.45	.45	.25	.44	.38	.37	---
2.5	U	-1.06	-1.89	-2.65	-2.12	-2.11	-1.97	-1.73
	L	.35	.50	.46	.47	.45	.44	.39
3.5	U	- .98	-1.54	-1.95	-1.97	-1.82	-1.68	-1.19
	L	.29	.45	.45	.45	.44	.39	.30
5.0	U	- .87	-1.28	-1.69	-1.60	-1.54	---	-1.18
	L	.16	.39	.24	.29	.28	.26	.17
7.5	U	- .75	-1.22	-1.53	-1.34	-1.29	-1.42	- .90
	L	.03	.40	.26	.29	.27	.30	---
10.0	U	- .72	-1.11	-1.28	-1.24	-1.19	-1.14	- .96
	L	- .02	.40	.27	.25	.20	.24	.24
15.0	U	- .69	-1.03	-1.14	-1.00	-1.06	-1.09	- .98
	L	.17	.28	- .06	- .45	- .01	- .15	- .28
17.5	U	- .69	---	-1.16	---	---	---	---
	L	- .43	---	-.75	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-1.01	-0.46	-1.12	-1.16	-0.39	-0.18	---	- .86
	L	---	---	---	---	---	---	---	---
7.5	U	- .65	-1.19	-1.42	-1.16	-1.18	- .97	---	-1.09
	L	.56	.54	.48	.46	.43	.46	---	.44
10.0	U	- .79	---	-1.39	-1.33	-1.29	-1.03	---	-1.00
	L	.48	---	.44	.46	.40	---	---	.21
12.5	U	- .76	-1.16	-1.30	-1.29	-1.23	-1.07	---	- .82
15.0	U	- .69	-1.06	-1.18	-1.23	-1.04	- .97	---	- .73
17.5	U	- .70	-1.28	-1.75	-1.16	-2.25	-1.91	---	-2.20
20.0	U	- .89	-1.11	-1.22	-1.49	-1.14	- .97	-1.11	- .85
	L	.31	.32	.36	.36	.29	.24	.23	.25
30.0	U	- .61	- .88	-1.00	-1.00	- .85	- .74	- .63	- .56
	L	.24	.27	.30	.28	.20	.16	.15	.10
40.0	U	- .68	- .83	- .98	- .87	- .73	- .81	---	- .47
	L	.19	.28	.28	.29	.18	.10	0	.05
50.0	U	- .58	- .79	- .85	- .79	- .63	- .49	- .36	- .37
	L	.17	.30	.29	.27	.10	.08	- .01	.03
60.0	U	- .54	- .75	- .69	- .73	- .48	- .35	- .27	- .23
	L	.20	.33	.30	.28	.06	.08	- .02	.05
70.0	U	- .64	- .68	- .77	- .65	- .47	- .24	- .19	- .17
	L	.25	.36	.31	.28	.01	.06	- .02	.02
75.0	U	---	---	---	---	- .44	---	- .19	- .15
78.0	U	---	---	---	- .82	---	---	---	---
80.0	U	- .66	-1.13	- .87	-1.05	- .52	- .14	- .12	- .10
	L	.28	0	.26	- .04	.08	.06	- .02	.08
85.0	U	---	---	---	---	- .88	- .11	- .06	- .07
	L	---	---	---	---	.02	0	- .01	.04
90.0	U	- .79	---	---	---	- .19	- .06	- .05	- .03
	L	- .07	---	---	---	- .06	.02	- .02	.06
95.0	U	---	---	---	---	- .15	- .03	- .02	0
	L	---	---	---	---	- .07	.03	.01	.06

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.80	-0.57	-1.22	-1.17	-0.40	-0.18	---	-0.77
	L	---	---	---	---	---	---	---	---
7.5	U	- .76	-1.34	-1.51	-1.30	-1.30	-1.14	---	-1.07
	L	.56	.54	.49	.49	.48	.44	---	.44
10.0	U	- .83	---	-1.52	-1.49	-1.49	-1.20	---	-1.25
	L	.51	---	.45	.49	.40	---	---	.20
12.5	U	- .88	-1.28	-1.48	-1.44	-1.40	-1.25	---	- .84
15.0	U	- .76	-1.18	-1.31	-1.35	-1.20	-1.13	---	- .78
17.5	U	- .79	-1.28	-1.44	-1.37	-2.50	-2.21	---	-2.12
20.0	U	-1.00	-1.21	-1.44	-1.62	-1.27	-1.09	-1.23	- .92
	L	.36	.37	.38	.35	.34	.26	.27	.22
30.0	U	- .67	- .95	-1.09	-1.07	- .94	- .83	- .71	- .58
	L	.35	.32	.33	.34	.22	.17	.18	.06
40.0	U	- .83	- .87	- .93	- .92	- .80	- .68	---	- .50
	L	.22	.31	.31	.32	.19	.12	.02	.03
50.0	U	- .62	- .82	- .89	- .81	- .68	- .53	- .42	- .40
	L	.20	.33	.32	.30	.18	.07	.02	.01
60.0	U	- .64	- .77	- .72	- .74	- .53	- .38	- .31	- .28
	L	.22	.35	.32	.30	.10	.06	0	.08
70.0	U	- .64	- .68	- .72	- .64	- .50	- .27	- .24	- .20
	L	.25	.36	.33	.31	.10	.06	0	.08
75.0	U	---	---	---	---	---	- .22	- .23	- .19
78.0	U	---	---	---	- .81	---	---	---	---
80.0	U	- .64	-1.12	- .87	-1.04	- .34	- .18	- .17	- .09
	L	.27	.02	.27	- .02	.04	.10	- .02	.01
85.0	U	---	---	---	---	- .27	- .13	- .12	- .08
	L	---	---	---	---	- .01	.02	- .01	.03
90.0	U	- .78	---	---	---	- .21	- .06	- .09	- .03
	L	- .06	---	---	---	- .11	.03	.02	.04
95.0	U	---	---	---	---	- .15	- .03	- .08	.01
	L	---	---	---	---	- .20	.04	0	.08

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.11	-1.96	-1.60
1.0	U	3.83	-3.52	-2.87
	L	.51	.44	.65
2.0	U	-4.02	-3.61	-2.06
	L	.64	.56	.54
3.0	U	-5.45	-2.40	-1.47
	L	.56	---	.47
4.0	U	-2.43	-2.03	-1.26
	L	.51	.51	.50
5.0	U	-1.78	-1.83	-1.21
	L	.38	.47	.39
6.0	U	-1.50	- .89	-1.17
	L	.11	.36	.18

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		-0.26	0.15	-0.61
75.25	U	---	---	---
	L	---	---	- .08
75.5	U	- .50	- .49	- .02
	L	.59	.17	.12
76.0	U	-1.08	- .75	-1.14
	L	.59	.42	.38
77.5	U	-1.68	-1.07	-1.23
	L	.66	.52	.54
80.0	U	-1.08	-1.04	- .78
	L	.44	.52	.63
82.5	U	- .77	- .67	---
	L	.60	.48	.51
85.0	U	- .56	- .46	- .57
	L	.51	.45	.50
90.0	U	- .35	- .25	- .49
	L	.34	.34	.38
95.0	U	- .22	- .12	- .37
	L	.53	.24	.34

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.09	-1.90	-1.65
1.0	U	-4.34	-3.54	-2.49
	L	.48	.44	.56
2.0	U	-5.28	-3.51	-1.97
	L	.63	.55	.56
3.0	U	-3.29	-2.31	-1.41
	L	.56	---	.47
4.0	U	-2.40	-1.97	-1.22
	L	.49	.52	.53
5.0	U	-1.75	-1.30	-1.17
	L	.34	.47	.52
6.0	U	-1.50	- .85	-1.13
	L	.09	.37	.20

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		0.30	-0.17	-0.60
75.25	U	---	---	---
	L	---	---	- .06
75.5	U	- .79	- .39	- .02
	L	.57	.18	.12
76.0	U	-1.07	- .73	-1.10
	L	.46	.41	.39
77.5	U	-1.66	-1.03	-1.19
	L	.52	.51	.55
80.0	U	-1.07	- .99	- .72
	L	.22	.32	.54
82.5	U	- .75	- .64	---
	L	.54	.48	.53
85.0	U	- .55	- .45	- .54
	L	.51	.44	- .51
90.0	U	- .33	- .22	- .47
	L	.35	.30	.41
95.0	U	- .22	- .11	- .34
	L	.52	.24	.36

NACA

TABLE IX.- CONTINUED

STAT α = 12.40

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-8.14	-8.47	-6.83	—	-8.47	-7.07	—
0.25	U	-3.14	-8.87	-7.80	-9.80	-6.80	-7.00	0.36
	L	- .10	-1.31	-2.47	-3.42	-2.07	-1.76	—
0.5	U	- .09	-5.00	-6.73	-6.27	-6.73	-8.53	-3.94
	L	.24	- .48	- .61	- .88	- .87	- .76	- .06
1.0	U	-2.02	-3.73	-4.94	-4.60	-4.73	-6.88	-3.34
	L	.48	.10	—	0	.04	.04	.31
1.5	U	-1.81	-3.06	-4.10	—	-3.73	-3.36	-2.67
	L	.47	.34	.23	.28	.24	.30	—
2.5	U	-1.54	-2.49	-3.60	-2.77	-2.73	-2.54	-2.20
	L	.42	.68	.42	.46	.41	.41	.42
3.5	U	-1.37	-2.00	-2.48	-2.48	-2.40	-2.13	-1.86
	L	.37	.51	.47	.49	.48	.42	.26
5.0	U	-1.19	-1.77	-2.08	-2.01	-2.01	—	-1.48
	L	.28	.50	.33	.34	.32	.33	.29
7.5	U	- .98	-1.50	-1.76	-1.65	-1.67	-1.77	-1.21
	L	.06	.47	.26	.40	.40	.37	.56
10.0	U	- .93	-1.36	-1.53	-1.50	-1.50	-1.39	-1.14
	L	.10	.46	.37	.38	.31	.46	.34
15.0	U	- .88	-1.20	-1.38	-1.29	-1.29	-1.29	-1.05
	L	.10	- .38	.15	- .53	- .04	- .24	.35
17.5	U	- .85	—	-1.36	—	—	—	—
	L	- .83	—	- .91	—	—	—	—

STAT α = 14.42

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-3.88	-8.07	-8.00	—	-11.83	-9.87	—
0.25	U	-3.15	-8.73	-10.20	-9.67	-11.73	-9.07	-6.47
	L	- .85	-2.19	-3.73	-3.88	-5.33	-2.91	—
0.5	U	—	-8.40	-8.07	-7.87	-8.54	-7.34	-5.10
	L	.02	-1.06	-1.50	-1.73	-1.80	-1.70	0.52
1.0	U	-6.62	-4.74	-6.34	-5.80	-6.00	-4.74	-4.36
	L	.37	- .15	—	- .36	- .31	- .31	.06
1.5	U	-6.25	-3.24	-5.07	—	-4.60	-3.87	-3.32
	L	.45	.30	.16	.08	0	.22	—
2.5	U	-1.86	-3.06	-4.10	-3.38	-3.38	-2.95	-2.73
	L	.47	.45	.33	.39	.33	.34	.39
3.5	U	-1.62	-2.41	-2.96	-2.84	-2.90	-2.70	-1.99
	L	.43	.45	.45	.45	.44	.41	.24
5.0	U	-1.30	-2.05	-2.43	-2.41	-2.43	—	-1.80
	L	.32	.41	.40	.42	.42	.40	.25
7.5	U	-1.14	-1.74	-2.06	-1.96	-1.99	-2.46	-1.47
	L	.18	.54	.43	.44	.42	.44	.56
10.0	U	-1.06	-1.54	-1.80	-1.76	-1.73	-1.64	-1.36
	L	.24	.54	.38	.37	.37	.47	.36
15.0	U	- .94	-1.36	-1.56	-1.47	-1.45	-1.43	-1.24
	L	.06	- .45	- .22	- .62	- .05	- .31	- .45
17.5	U	- .92	—	-1.51	—	—	—	—
	L	- .89	—	-1.02	—	—	—	—

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.68	-0.40	-1.30	-1.25	-0.45	-0.20	—	-0.97
	L	—	—	—	—	—	—	—	—
7.5	U	- .98	-1.56	-1.91	-1.46	-1.57	-1.29	—	-1.43
	L	.60	.58	.50	.46	.42	.47	—	.42
10.0	U	- .97	—	-1.79	-1.57	-1.88	-1.34	—	-1.36
	L	.56	—	.48	.48	.40	—	—	.19
12.5	U	- .96	-1.44	-1.86	-1.61	-1.57	-1.39	—	-1.14
15.0	U	- .89	-1.32	-1.47	-1.51	-1.34	-1.26	—	-1.04
17.5	U	- .86	-2.11	-2.13	-1.41	-2.73	-2.47	—	-2.56
20.0	U	-1.12	-1.33	-1.59	-1.78	-1.42	-1.18	-1.10	-1.15
	L	.40	.40	.42	.40	.33	.30	.35	.23
30.0	U	- .74	-1.03	-1.17	-1.36	-1.02	- .88	- .79	- .77
	L	.32	.36	.36	.37	.28	.28	.17	.10
40.0	U	- .67	- .83	- .89	- .86	- .85	- .72	—	- .65
	L	.27	.34	.35	.33	.20	.17	.04	.06
50.0	U	- .65	- .85	- .92	- .86	- .73	- .55	- .47	- .30
	L	—	.36	.34	.32	.14	.11	.02	.02
60.0	U	- .60	- .79	- .78	- .77	- .55	- .36	- .35	- .35
	L	.35	.38	.34	.32	.12	.10	.01	.04
70.0	U	- .56	- .89	- .80	- .67	- .52	- .27	- .28	- .26
	L	.27	.40	.35	.31	.04	.09	- .02	.08
73.0	U	—	—	—	—	- .80	—	- .27	- .23
75.0	U	—	—	—	- .80	—	—	—	—
80.0	U	- .66	-1.11	- .87	-1.01	- .33	- .16	- .20	- .11
	L	.28	.04	- .02	0	.06	.11	- .02	.08
85.0	U	—	—	—	—	- .35	- .14	- .17	- .08
	L	—	—	—	—	.03	- .08	- .01	.04
90.0	U	- .77	—	—	—	- .20	- .07	- .13	- .08
	L	- .03	—	—	—	.01	.04	0	.04
95.0	U	—	—	—	—	- .13	- .04	- .10	- .02
	L	—	—	—	—	- .05	.04	- .02	.04

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.63	-0.46	-1.58	-1.37	-0.87	-0.23	—	-1.07
	L	—	—	—	—	—	—	—	—
7.5	U	- .95	-1.70	-2.08	-1.64	-1.77	-1.44	—	-1.64
	L	.60	.58	.50	.46	.44	.46	—	.41
10.0	U	-1.06	—	-1.98	-1.85	-1.95	-1.48	—	-1.53
	L	.56	—	.50	.49	.44	—	—	.19
12.5	U	-1.06	-1.54	-1.88	-1.76	-1.72	-1.73	—	-1.37
15.0	U	- .97	-1.41	-1.59	-1.64	-1.46	-1.36	—	-1.16
17.5	U	- .97	-2.23	-2.28	-1.53	-2.95	-2.57	—	-2.78
20.0	U	-1.20	-1.48	-1.70	-1.90	-1.53	-1.29	-1.55	-1.68
	L	.43	.42	.45	.45	.38	.33	.31	.26
30.0	U	- .80	-1.08	-1.26	-1.23	-1.09	- .96	- .88	- .84
	L	.36	.38	.40	.42	.31	.24	.20	.12
40.0	U	- .72	- .86	-1.03	-1.04	- .83	- .72	—	- .68
	L	.30	.38	.38	.37	.25	.19	.05	.06
50.0	U	- .69	- .87	- .97	- .89	- .76	- .56	- .51	- .38
	L	.27	.38	.37	.38	.18	.14	.04	.06
60.0	U	- .68	- .80	- .78	- .78	- .57	- .41	- .38	- .38
	L	.27	.40	.37	.34	.18	.12	.01	.04
70.0	U	- .60	- .89	- .81	- .68	- .53	- .28	- .28	- .25
	L	.28	.41	.36	.34	.08	—	0	.05
73.0	U	—	—	—	—	- .50	—	- .21	—
75.0	U	—	—	—	—	- .80	—	—	—
80.0	U	- .65	-1.08	- .86	- .97	- .34	- .20	- .24	- .13
	L	.28	.06	- .02	.02	.08	.16	- .01	.03
85.0	U	—	—	—	—	- .36	- .14	- .19	- .10
	L	—	—	—	—	.04	- .06	- .01	.03
90.0	U	- .76	—	—	—	- .21	- .10	- .17	- .07
	L	- .03	—	—	—	.02	- .03	.01	.03
95.0	U	—	—	—	—	- .14	- .07	- .11	- .05
	L	—	—	—	—	- .03	.01	- .02	.04

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-2.02	-1.74	-1.57
1.0	U	-3.83	-3.38	-2.39
	L	.49	.43	.56
2.0	U	-3.87	-3.33	-1.98
	L	.68	.55	.54
3.0	U	-3.27	-2.17	-1.34
	L	.52	—	.45
4.0	U	-2.31	-1.86	-1.16
	L	.50	.52	.54
5.0	U	-1.69	-1.24	-1.11
	L	.38	.47	.38
6.0	U	-1.28	- .79	-1.09
	L	.13	.38	.20

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0		-0.98	-0.15	-0.60
75.25	U	—	—	—
	L	—	—	- .08
75.5	U	- .74	- .37	.02
	L	.56	.19	.12
76.0	U	-1.00	- .62	-1.07
	L	.69	.42	.37
77.5	U	-1.86	- .98	-1.14
	L	.67	.52	.54
80.0	U	-1.00	- .94	- .70
	L	.64	.58	.54
82.5	U	- .89	- .60	—
	L	.62	—	.53
85.0	U	- .49	- .41	- .51
	L	.54	.45	.51
90.0	U	- .29	- .22	- .44
	L	.42	.34	.41
95.0	U	- .18	- .10	- .31
	L	.35	.26	.36

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.96	-1.70	-1.56
1.0	U	—	-3.26	-2.38
	L	.49	.42	.56
2.0	U	-3.74	-3.22	-1.96
	L	.63	.55	.54
3.0	U	-3.16	-2.10	-1.32
	L	.57	—	.45
4.0	U	-2.20	-1.80	-1.15
	L	.49	.52	.54
5.0	U	-1.61	-1.20	-1.10
	L	.37	.48	.33
6.0	U	-1.15	- .76	-1.08
	L	.13	.38	.19

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0		-0.38	-0.14	-0.60
75.25	U	—	—	—
	L	—	—	- .08
75.5	U	- .72	- .33	.02
	L	.31	.19	.11
76.0	U	- .97	- .45	-1.07
	L	.56	.41	.36
77.5	U	-1.82	- .93	-1.13
	L	.65	.51	.53
80.0	U	- .96	- .91	- .69
	L	.62	.52	.53
82.5	U	- .66	- .52	—
	L	.59	.45	.53
85.0	U	- .46	- .40	- .52
	L	.53	.45	.51
90.0	U	- .32	- .25	- .44
	L	.41	.34	.40
95.0	U	- .17	- .11	- .31
	L	.33	.26	.36

NACA

TABLE IX.- CONTINUED

SLAT σ = 15.42

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-3.89	-9.67	-10.67	---	-5.20	-6.87	---
0.25	U	-5.14	-10.20	-11.86	-11.34	-5.67	-4.93	-6.34
	L	- .83	-2.84	-4.14	---	-1.79	-2.07	---
0.5	U	---	-7.27	-8.74	-8.87	---	-4.13	-5.14
	L	- .14	-1.45	-1.95	-2.13	- .92	-1.03	- .52
1.0	U	-2.96	-5.33	-7.07	-6.34	---	-3.27	-4.17
	L	.32	- .40	---	- .05	---	- .18	.07
1.5	U	-2.53	-4.20	-5.57	---	-3.53	-3.58	-3.18
	L	.44	.07	.05	- .05	.19	.20	---
2.5	U	-2.09	-3.41	-4.40	-3.72	-3.33	-2.80	-2.59
	L	.46	.38	.25	.35	.44	.38	.39
3.5	U	-1.79	-2.69	-3.27	-3.21	-3.47	-2.65	-1.90
	L	.46	.51	.42	.46	.51	.42	.26
5.0	U	-1.52	-2.27	-2.69	-2.64	-3.56	---	-1.69
	L	.36	.54	.42	.48	.45	.39	.28
7.5	U	-1.23	-1.92	-2.25	-2.13	-3.46	-2.49	-1.40
	L	.17	.54	.44	.46	.45	.40	.57
10.0	U	-1.12	-1.58	-1.95	-1.89	-2.84	-1.87	-1.27
	L	.32	.54	.38	.40	.37	.43	.34
15.0	U	- .99	-1.46	-1.67	-1.55	-1.50	-1.53	-1.11
	L	.07	- .46	- .26	- .55	- .05	- .30	- .37
17.5	U	- .97	---	-1.50	---	---	---	---
	L	- .62	---	-1.09	---	---	---	---

SLAT σ = 16.38

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-4.60	-11.15	-12.47	---	-5.80	-4.67	---
0.25	U	-5.67	-11.47	-13.60	-13.00	---	-3.54	-5.60
	L	-1.07	-3.40	---	---	-1.56	-1.73	---
0.5	U	---	-8.07	-9.60	-9.67	---	-3.28	-4.62
	L	- .98	-1.85	-2.43	-2.56	- .85	- .86	- .47
1.0	U	-3.36	-5.80	-7.73	-6.94	---	-2.93	-3.73
	L	.28	- .61	---	- .78	.05	- .07	.09
1.5	U	-2.87	-4.40	-6.07	---	-3.19	-2.77	-2.80
	L	.45	- .06	- .02	- .16	.15	.23	0
2.5	U	-2.34	-3.73	-3.97	-4.13	-2.95	-2.50	-2.22
	L	.52	.35	.17	.32	.45	.38	.40
3.5	U	-1.99	-2.95	-3.54	-3.54	-3.08	-2.48	-1.68
	L	.49	.48	.37	.45	.49	.42	.26
5.0	U	-1.69	-2.48	-2.94	-2.98	-3.01	---	-1.54
	L	.40	.56	.43	.50	.42	.38	.28
7.5	U	-1.27	-2.07	-2.48	-2.40	-2.79	-2.28	-1.56
	L	.20	.56	.45	.47	.43	.41	.60
10.0	U	-1.25	-1.80	-2.14	-2.12	-2.37	-1.61	-1.24
	L	.36	.56	.38	.40	.36	.44	.36
15.0	U	-1.10	-1.54	-1.80	-1.70	-2.17	-1.53	-1.02
	L	.05	.56	- .30	- .72	- .11	- .29	- .35
17.5	U	-1.06	---	-1.72	---	---	---	---
	L	- .49	---	-1.19	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	G	D	VI	E
5.0	U	-0.60	-0.54	-1.66	-1.46	- .76	-0.23	---	-0.98
	L	---	---	---	---	---	---	---	---
7.5	U	-1.01	-1.80	-2.10	-1.72	-1.36	-1.43	---	-1.45
	L	.61	.59	.49	.45	.47	.46	---	.45
10.0	U	-1.11	---	-2.02	-1.94	-1.97	-1.26	---	-1.30
	L	.57	---	.50	.49	.46	---	---	.50
12.5	U	-1.11	-1.61	-1.86	-1.84	-1.75	-1.17	---	-1.06
15.0	U	-1.03	-1.47	-1.63	-1.71	-1.46	-1.00	---	- .94
17.5	U	-1.01	-2.29	-2.34	-1.58	-3.00	-1.48	---	-2.26
20.0	U	-1.27	-1.46	-1.74	-1.97	-1.34	- .90	-1.17	- .99
	L	.48	.45	.46	.43	.39	.32	.31	.28
30.0	U	- .88	-1.11	-1.26	-1.27	-1.10	- .72	- .64	- .60
	L	.38	.40	.41	.48	.32	.23	.20	.14
40.0	U	- .75	- .99	-1.05	-1.06	- .90	- .62	---	- .48
	L	.32	.39	.38	.39	.27	.17	.07	.08
50.0	U	- .71	- .89	- .96	- .91	- .77	- .55	- .36	- .37
	L	.29	.40	.37	.36	.20	.12	.05	.04
60.0	U	- .64	- .80	- .76	- .80	- .68	- .49	- .28	- .35
	L	.29	.42	.37	.35	.17	.09	0	.02
70.0	U	- .61	- .69	- .79	- .67	- .53	- .41	- .22	- .33
	L	.30	.42	.37	.34	.06	.08	- .02	.01
73.0	U	---	---	---	---	- .50	---	- .29	- .32
75.0	U	---	---	---	- .80	---	---	---	---
80.0	U	- .65	-1.07	- .84	- .29	- .36	- .31	- .26	- .27
	L	.30	.07	.01	.01	.08	.11	- .06	- .04
85.0	U	---	---	---	---	- .26	- .27	- .24	- .24
	L	---	---	---	---	.05	.01	- .06	- .04
90.0	U	- .74	---	---	---	- .20	- .21	- .25	- .25
	L	- .01	---	---	---	.03	.03	- .04	- .06
95.0	U	---	---	---	---	- .14	- .15	- .21	- .23
	L	---	---	---	---	- .03	0	- .08	- .08

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.63	-0.60	-1.82	-1.64	-1.40	-0.23	---	-0.87
	L	---	---	---	---	---	---	---	---
7.5	U	-1.10	-1.92	-2.27	-1.91	-2.45	-1.42	---	-1.34
	L	.64	.52	.51	.47	.45	.46	---	.47
10.0	U	-1.20	---	-2.16	-2.12	-2.04	-1.22	---	-1.10
	L	.60	---	.52	.51	.47	---	---	.24
12.5	U	-1.19	-1.70	-1.99	-2.01	-1.64	-1.06	---	- .88
15.0	U	-1.10	-1.56	-1.76	-1.86	-1.52	- .90	---	- .75
17.5	U	-1.09	-2.40	---	-1.74	-2.24	-1.10	---	-1.66
20.0	U	-1.34	-1.54	-1.85	-2.14	-1.50	- .82	-0.92	- .74
	L	.46	.47	.48	.46	.40	.38	.31	.29
30.0	U	- .88	-1.16	-1.31	-1.38	- .96	- .70	- .55	- .48
	L	.40	.43	.43	.45	.32	.23	.20	.17
40.0	U	- .78	-1.01	-1.08	-1.14	- .80	- .62	---	- .58
	L	.33	.42	.40	.40	.26	.17	.06	.12
50.0	U	- .75	- .92	- .98	- .98	- .68	- .58	- .32	- .54
	L	.30	.43	.39	.38	.20	.10	.04	.07
60.0	U	- .86	- .89	- .78	- .86	- .52	- .49	- .30	- .33
	L	.30	.44	.38	.36	.15	.07	- .01	.06
70.0	U	- .54	- .89	.80	- .72	- .54	- .42	- .30	- .31
	L	.31	.45	.37	.36	.07	.04	- .04	.08
73.0	U	---	---	---	---	- .51	---	- .31	- .30
75.0	U	---	---	---	- .85	---	---	---	---
80.0	U	- .68	-1.08	- .84	-1.00	- .43	- .38	- .29	- .28
	L	.32	.09	.02	.05	.06	.04	- .07	- .06
85.0	U	---	---	---	---	- .41	- .37	- .28	- .30
	L	---	---	---	---	.02	- .06	- .08	- .06
90.0	U	- .77	---	---	---	- .38	- .35	- .26	- .30
	L	- .02	---	---	---	- .03	- .09	- .09	- .08
95.0	U	---	---	---	---	- .34	- .34	- .27	- .29
	L	---	---	---	---	- .14	- .16	- .14	- .11

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.92	-1.65	-1.52
1.0	U	-4.10	-3.16	-2.32
	L	.50	.45	.57
2.0	U	-3.64	-5.10	-1.79
	L	.54	.57	.55
3.0	U	-3.06	-2.03	-1.27
	L	.58	---	.46
4.0	U	-2.15	-1.74	-1.12
	L	.51	.55	.54
5.0	U	-1.56	-1.36	-1.07
	L	.40	.50	.35
6.0	U	-1.12	- .73	-1.04
	L	.15	.39	.20

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0		-0.23	-0.11	-0.59
75.25	U	---	---	---
	L	---	---	- .09
75.5	U	- .59	- .31	.02
	L	.57	.22	.13
76.0	U	- .75	- .61	-1.06
	L	.59	.43	.37
77.5	U	-1.48	- .90	-1.14
	L	.69	.52	.54
80.0	U	- .91	- .87	- .69
	L	.66	.53	.54
82.5	U	- .62	- .55	---
	L	.63	.50	.54
85.0	U	- .44	- .37	- .51
	L	.56	.46	.51
90.0	U	- .24	- .20	- .43
	L	.44	.37	.41
95.0	U	- .15	- .08	- .52
	L	.56	.27	.36

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.94	-1.66	-1.56
1.0	U	-4.10	-3.20	-2.30
	L	.50	.43	.56
2.0	U	-3.66	-5.18	-1.77
	L	.64	.55	.54
3.0	U	-3.09	-2.18	-1.25
	L	.59	---	.44
4.0	U	-2.18	-1.81	-1.11
	L	.41	.52	.56
5.0	U	-1.59	-1.23	-1.07
	L	.38	.47	.35
6.0	U	-1.14	- .82	-1.08
	L	.14	.37	.21

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
73.0		-0.22	-0.12	-0.60
75.25	U	---	---	---
	L	---	---	- .08
75.5	U	- .68	- .32	.01
	L	.33	.20	.11
76.0	U	- .95	- .51	-1.06
	L	.70	.41	.57
77.5	U	-1.50	- .90	-1.16
	L	.69	.50	.54
80.0	U	- .94	- .89	- .69
	L	.66	.52	.53
82.5	U	- .64	- .57	---
	L	.62	.48	.53
85.0	U	- .46	- .40	- .51
	L	.55	.45	.51
90.0	U	- .28	- .24	- .44
	L	.43	.34	.40
95.0	U	- .19	- .10	- .34
	L	.56	.26	.37

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TABLE IX.- CONCLUDED

SLAT α = 15.37

Orifice Location Percent Chord		STATIONS I	A	III	B	C	D	E
0		-7.50	-11.13	-3.43	---	-1.80	-3.66	---
0.25	U	-7.14	-9.00	-2.90	-2.56	-1.66	-2.65	-3.61
	L	-1.78	-3.70	-2.12	-1.44	- .69	-1.17	---
0.5	U	-3.82	-5.73	-2.79	-2.36	-1.87	-2.39	-3.85
	L	- .69	-2.04	.80	- .60	- .27	- .50	- .39
1.0	U	-4.04	-5.13	-2.78	-2.26	-1.54	-2.06	-2.86
	L	.10	- .73	---	.07	.26	.06	.10
1.5	U	-3.39	-2.78	-2.74	---	-1.43	-2.04	---
	L	.36	- .10	.25	.31	.34	.27	- .04
2.5	U	-2.74	-3.47	-2.66	-2.16	-1.36	-1.78	-2.16
	L	.50	.34	.41	.49	.43	.37	.37
3.5	U	-2.51	-4.47	-2.57	-2.12	-1.41	-1.51	-1.43
	L	.62	.50	.51	.52	.46	.35	.23
5.0	U	-1.93	-3.64	-2.44	-2.09	-1.40	---	-1.37
	L	.44	.60	.55	.43	.35	.34	.33
7.5	U	-1.56	-2.91	-2.46	-2.10	-1.40	-1.38	-1.30
	L	.29	.63	.46	.47	.41	.35	.56
10.0	U	-1.40	-2.20	-2.43	-2.14	-1.45	-1.37	-1.18
	L	.46	.57	.39	.37	.38	.39	.32
15.0	U	-1.21	-1.72	-2.36	-2.14	-1.41	-1.10	- .94
	L	.04	- .62	- .49	- .98	- .08	- .12	.29
17.5	U	-1.16	---	-2.25	---	---	---	---
	L	- .74	---	-1.57	---	---	---	---

WING

Orifice Location Percent Chord		STATIONS I	A	B	III	C	D	VI	E
5.0	U	-0.62	-0.74	-2.19	-2.14	-0.50	-0.09	---	-0.78
	L	---	---	---	---	---	---	---	---
7.5	U	-1.20	-2.11	-2.83	-2.53	-1.75	- .97	---	-1.19
	L	.66	.64	.52	.48	.45	.48	---	.41
10.0	U	-1.28	---	-2.43	-2.55	-1.61	- .83	---	- .96
	L	.64	---	.53	.52	.44	---	---	.80
12.5	U	-1.96	-1.78	-2.00	-2.13	-1.32	- .74	---	- .71
15.0	U	-1.16	-1.61	-1.62	-1.79	-1.02	- .66	---	- .62
17.5	U	-1.13	-2.48	-1.87	-1.87	-1.36	- .74	---	-1.42
20.0	U	-1.42	-1.58	-1.53	-1.62	- .89	- .60	-0.79	- .62
	L	.52	.51	.48	.46	.37	.30	.28	.24
30.0	U	- .90	-1.18	-1.11	-1.10	- .66	- .56	- .45	- .43
	L	.44	.47	.42	.44	.24	.20	.17	.12
40.0	U	- .80	-1.03	- .95	- .86	- .63	- .52	---	- .38
	L	.38	.45	.40	.39	.21	.14	.03	.06
50.0	U	- .76	- .92	- .90	- .79	- .63	- .51	- .34	- .38
	L	.36	.45	.38	.36	.15	.06	.02	.03
60.0	U	- .67	- .83	- .81	- .74	- .64	- .51	- .33	- .36
	L	.33	.46	.37	.34	.10	.03	- .03	.01
70.0	U	- .64	- .80	- .80	- .60	- .63	- .51	- .34	- .39
	L	.35	.46	.37	.33	0	- .01	- .06	- .04
73.0	U	---	---	---	---	- .62	---	- .34	- .39
75.0	U	---	---	---	- .68	---	---	---	---
80.0	U	- .67	-1.06	- .87	---	- .87	- .50	- .33	- .36
	L	.34	.10	.03	.08	- .04	- .04	- .11	- .10
85.0	U	---	---	---	---	- .58	- .49	- .33	- .38
	L	---	---	---	---	- .10	- .12	- .11	- .11
90.0	U	- .78	---	---	---	- .56	- .50	- .32	- .37
	L	.01	---	---	---	- .17	- .16	- .11	- .14
95.0	U	---	---	---	---	- .60	- .51	- .32	- .35
	L	---	---	---	---	- .27	- .30	- .17	- .16

FORE FLAP

Orifice Location Percent Chord		STATIONS A	III	B
0		-1.90	-0.86	-1.43
1.0	U	-3.95	-1.63	-2.54
	L	.48	.47	.52
2.0	U	-3.57	-1.54	-1.90
	L	.53	.53	.55
3.0	U	-3.00	-1.06	-1.46
	L	.57	---	.47
4.0	U	-2.13	-1.01	-1.14
	L	.49	.52	.56
5.0	U	-1.56	- .86	-1.10
	L	.37	.47	.29
6.0	U	-1.13	- .69	-1.10
	L	.13	.42	.15

MAIN FLAP

Orifice Location Percent Chord		STATIONS A	III	B
75.0		0.24	0.03	-0.59
75.25	U	---	---	---
	L	---	---	- .07
75.5	U	- .70	- .14	.01
	L	.56	.29	.14
76.0	U	- .94	- .40	-1.12
	L	.68	.45	.38
77.5	U	-1.70	- .79	-1.24
	L	.67	.48	.53
80.0	U	- .94	- .95	- .70
	L	.63	.49	.53
82.5	U	- .66	- .75	---
	L	.59	.44	.63
85.0	U	- .47	- .65	- .51
	L	.53	.41	.50
90.0	U	- .27	- .52	- .40
	L	.41	.38	.40
95.0	U	- .16	- .38	- .32
	L	.54	.17	.35

NACA

RESTRICTED

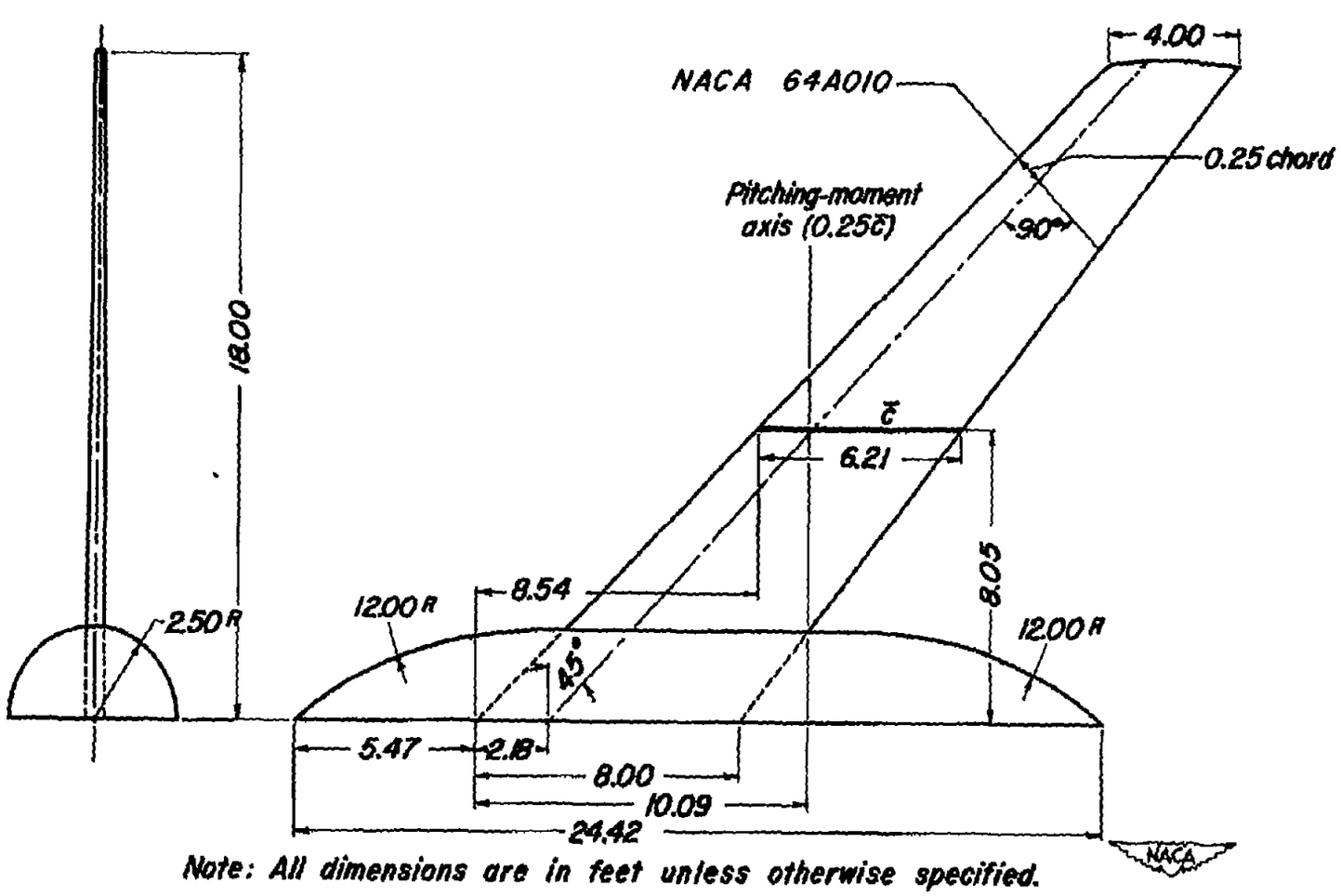
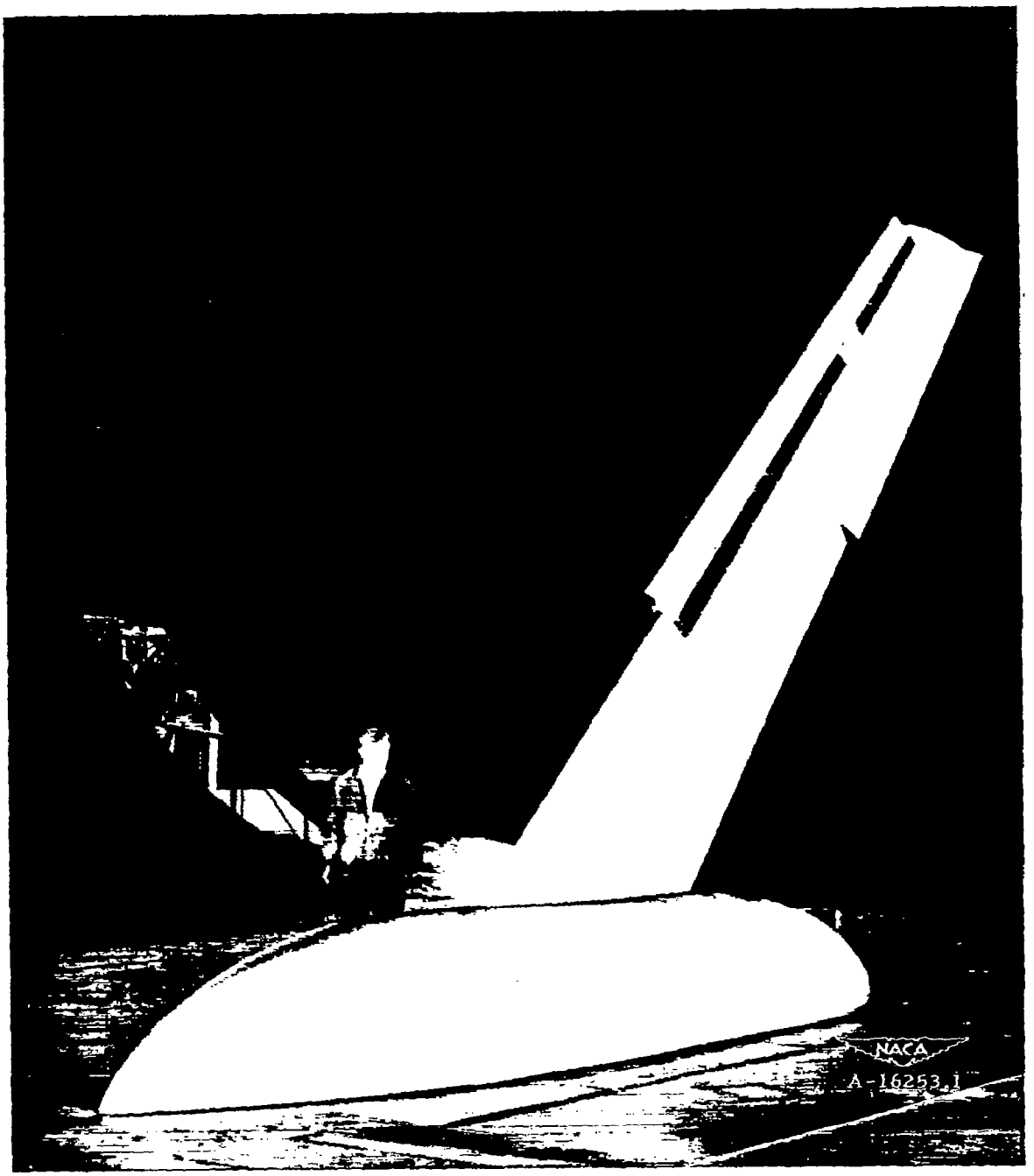


Figure 1.- Dimensions of the semispan wing-fuselage model.

RESTRICTED

(a) Flaps and all slats extended.

Figure 2.– Photographs of the semispan model installation in the Ames 40– by 80–foot wind tunnel.



(b) The 40- to 97-percent semispan, slats extended; aileron deflected -20°.

Figure 2.- Concluded.

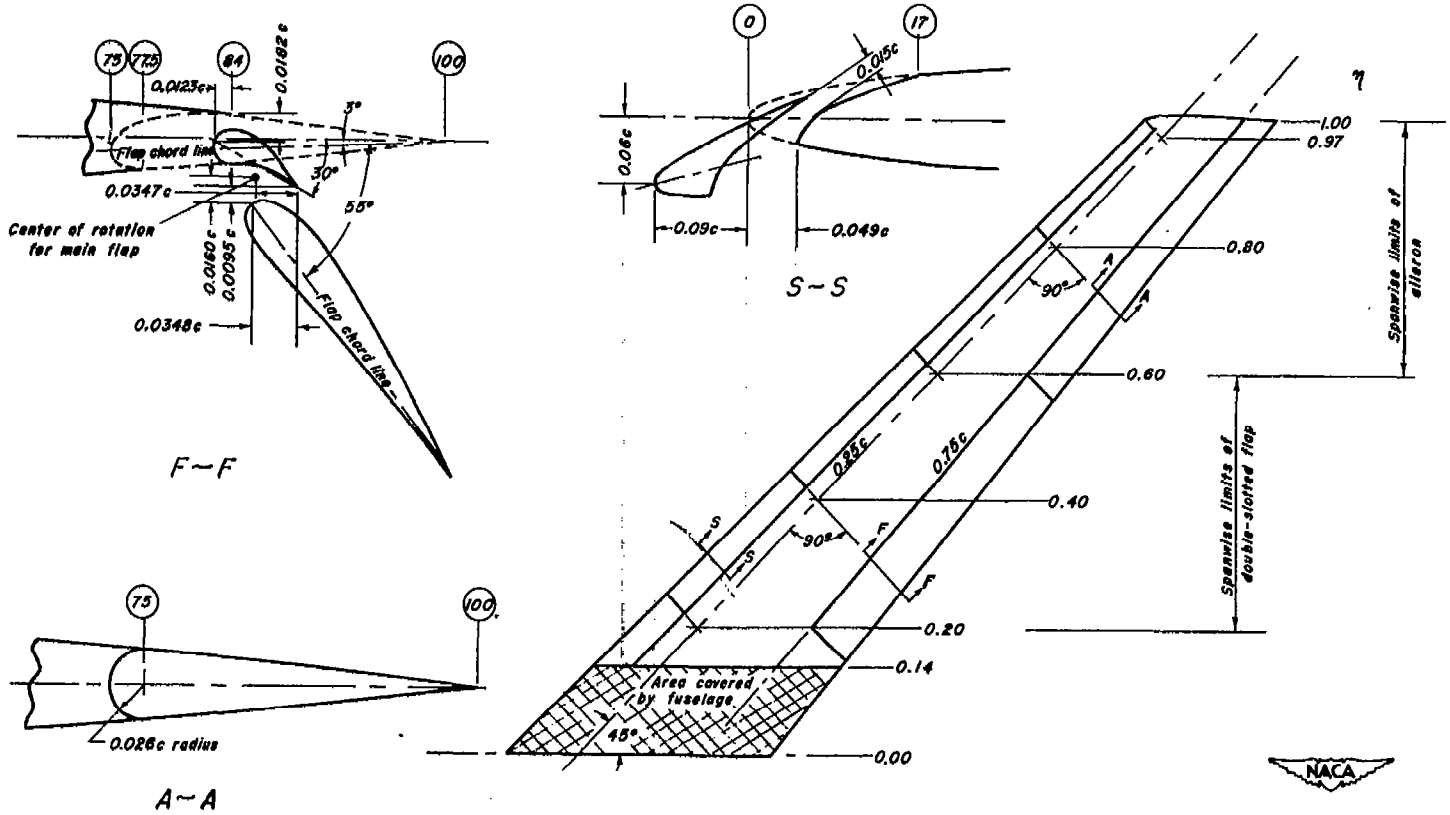


Figure 3.– Details of the double-slotted flaps, leading-edge slats and aileron.

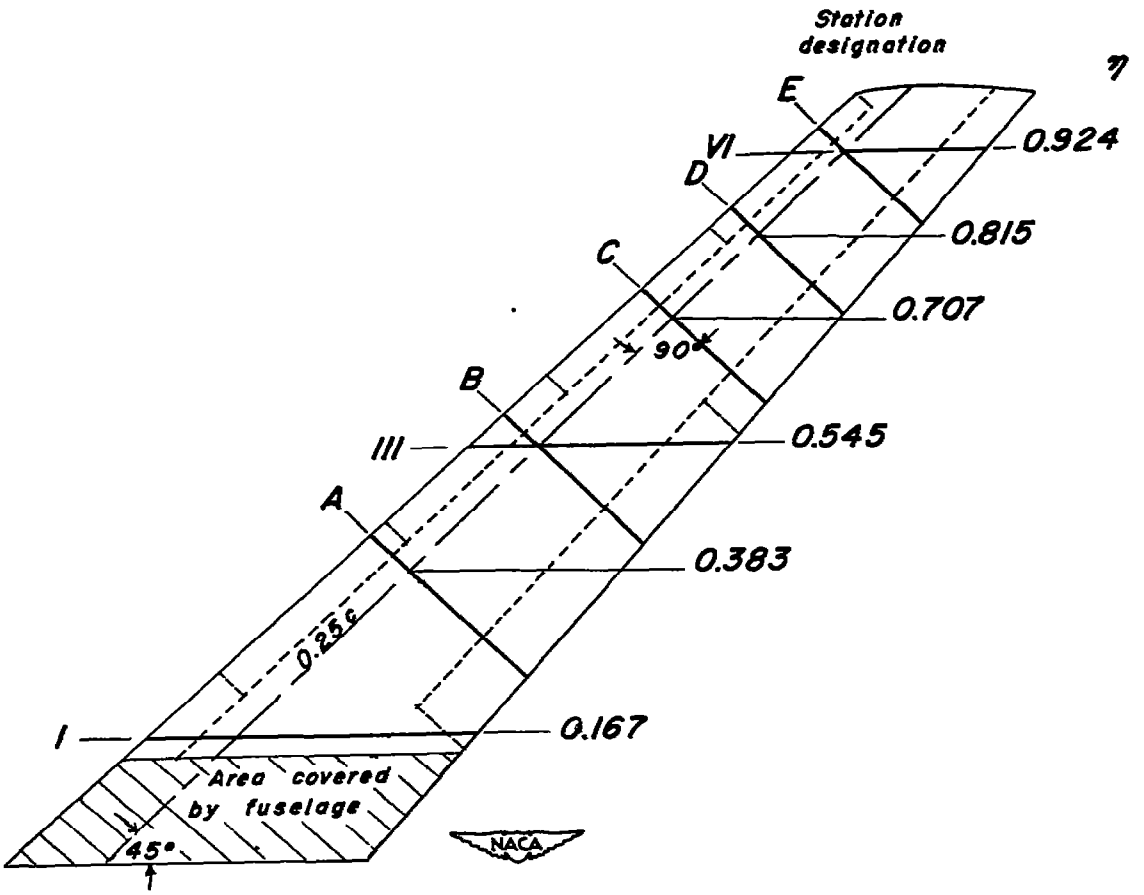
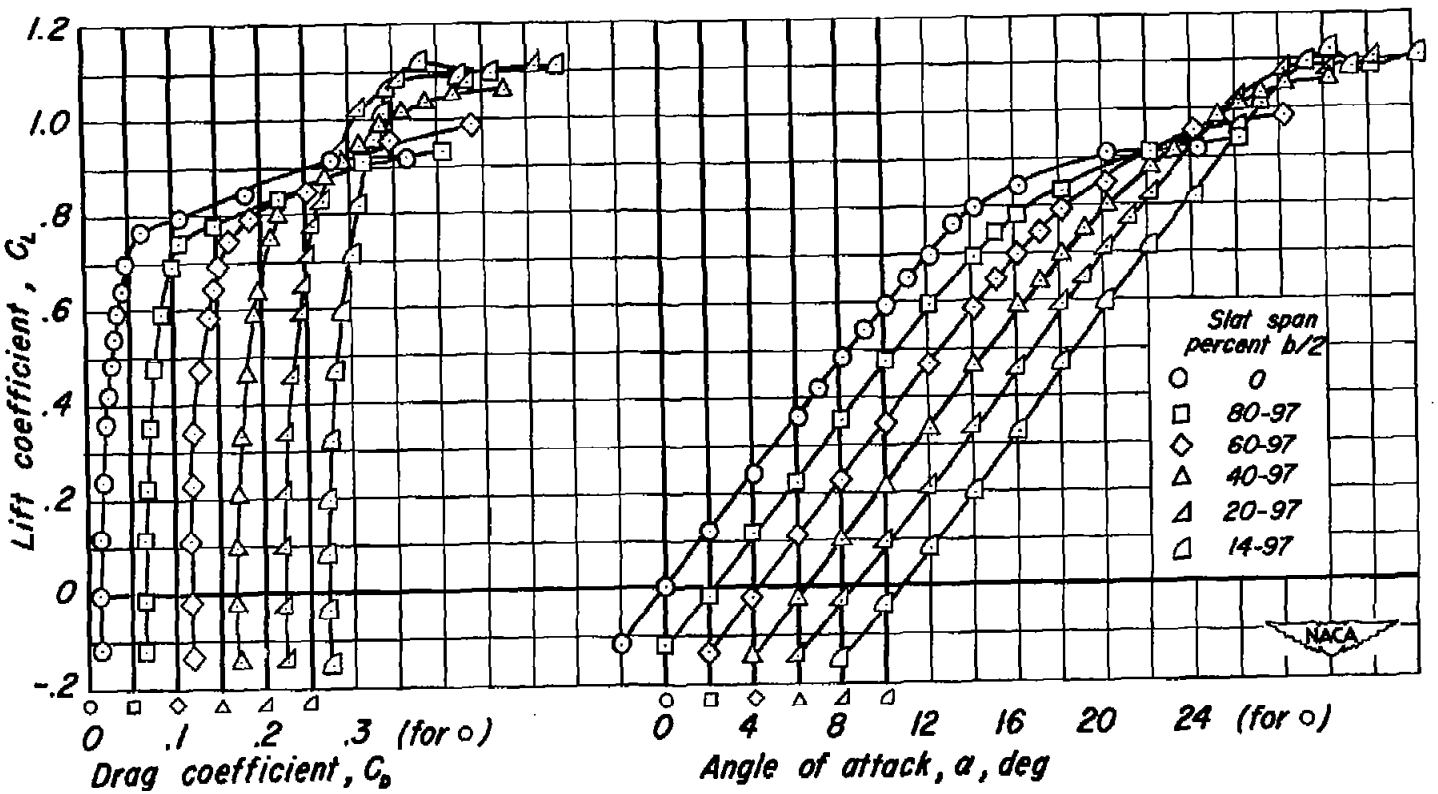
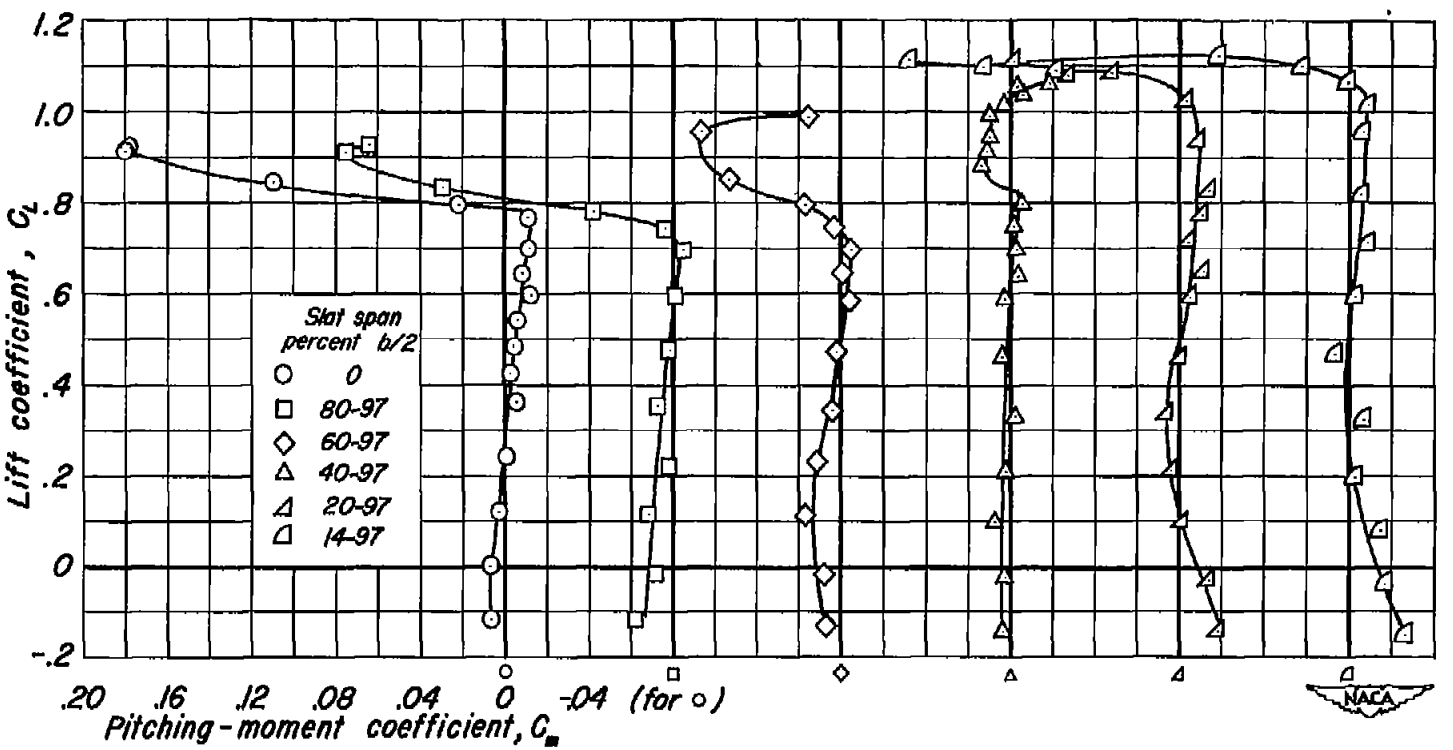


Figure 4.—Location and designation diagram of pressure orifice stations.



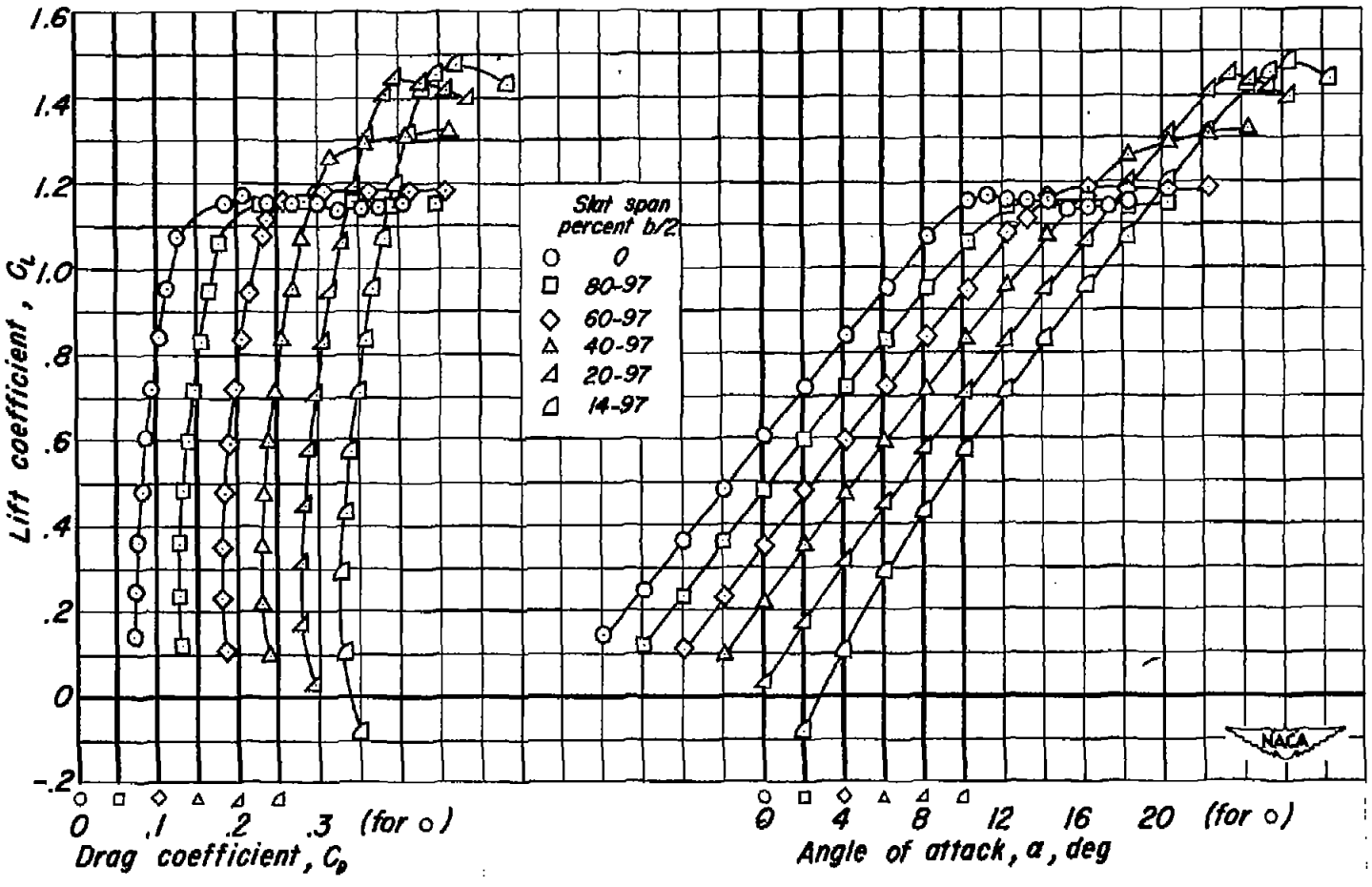
(a) C_L vs C_D, α

Figure 5.— Aerodynamic characteristics of the model with various spans of leading-edge slats extended. Flaps retracted.



(b) C_L vs C_m

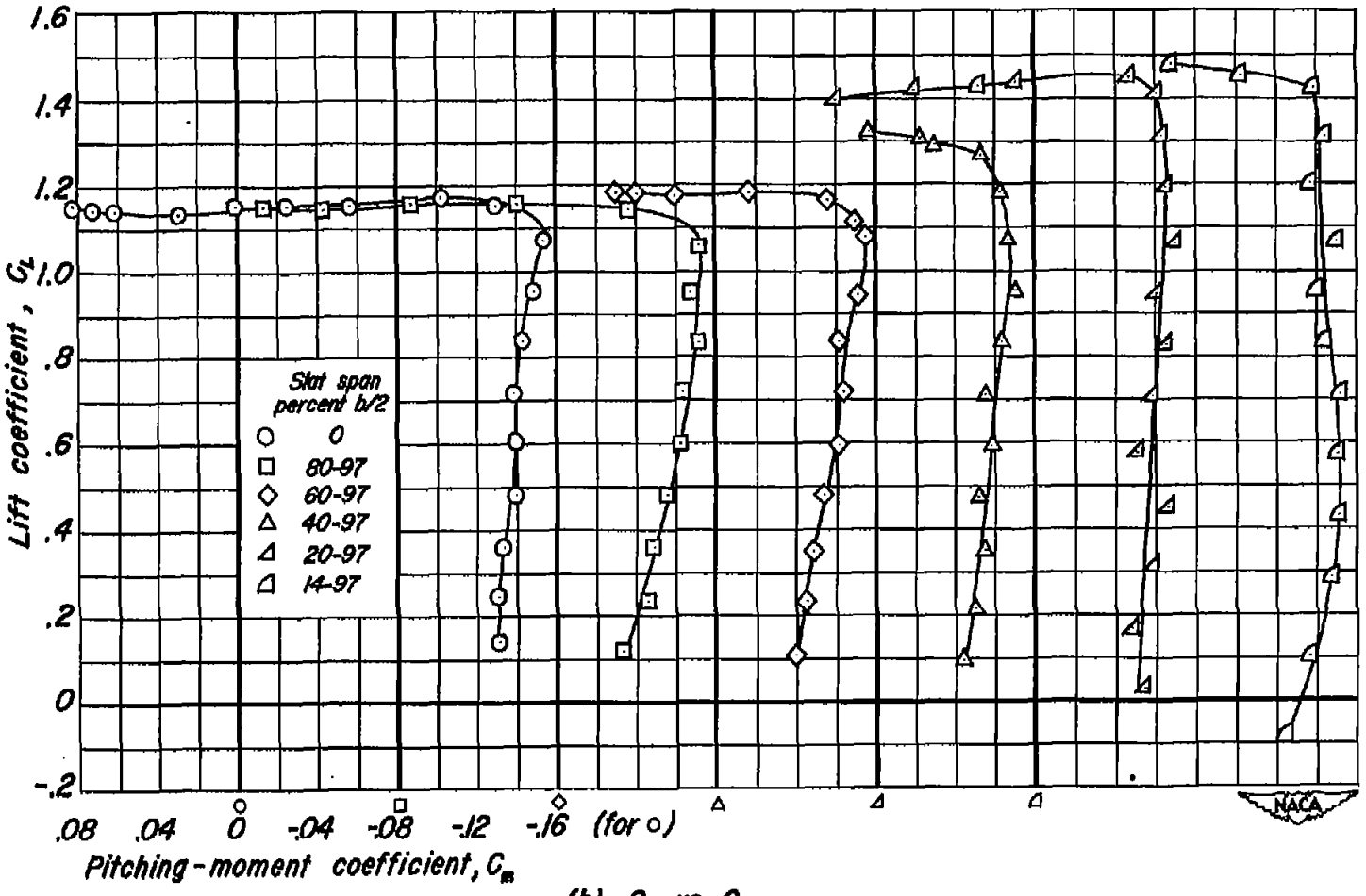
Figure 5.—Concluded.



(a) C_L vs C_D, α

Figure 6.—Aerodynamic characteristics of the model with various spans of leading-edge slats extended. Flaps deflected.

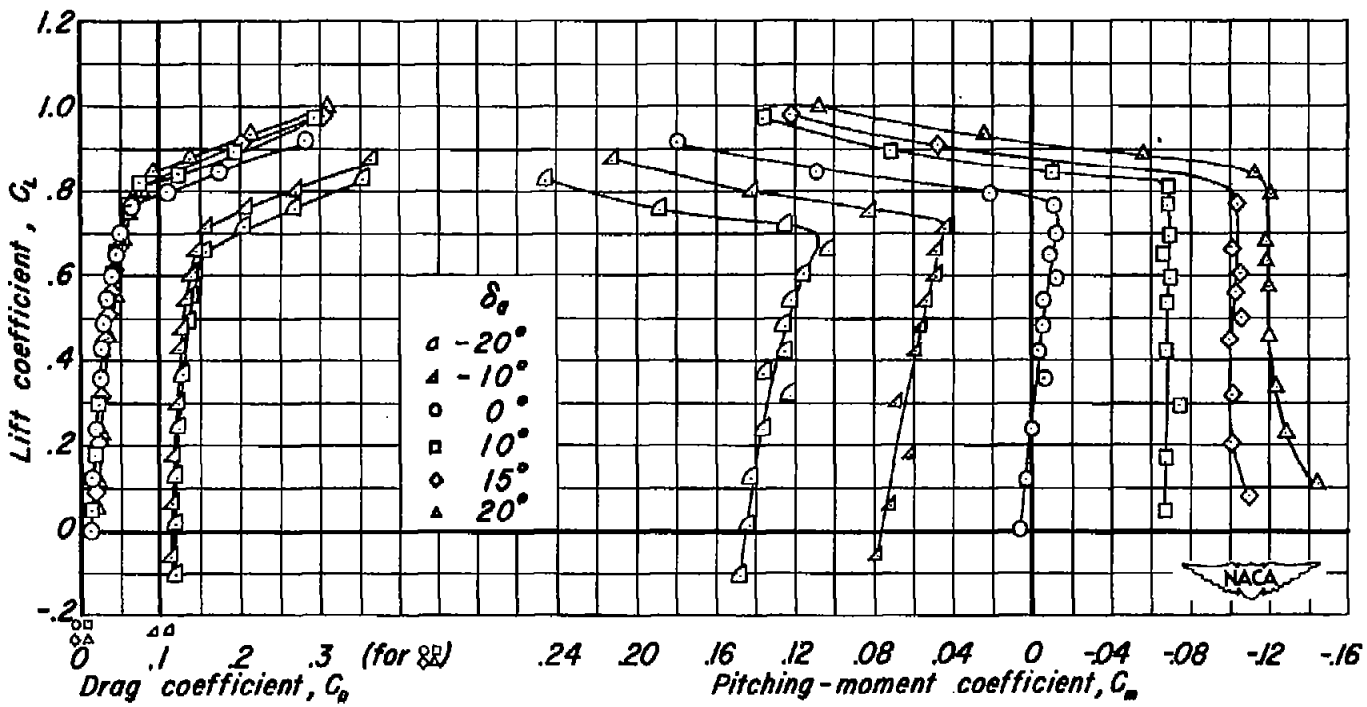
[redacted]



(b) C_L vs C_m

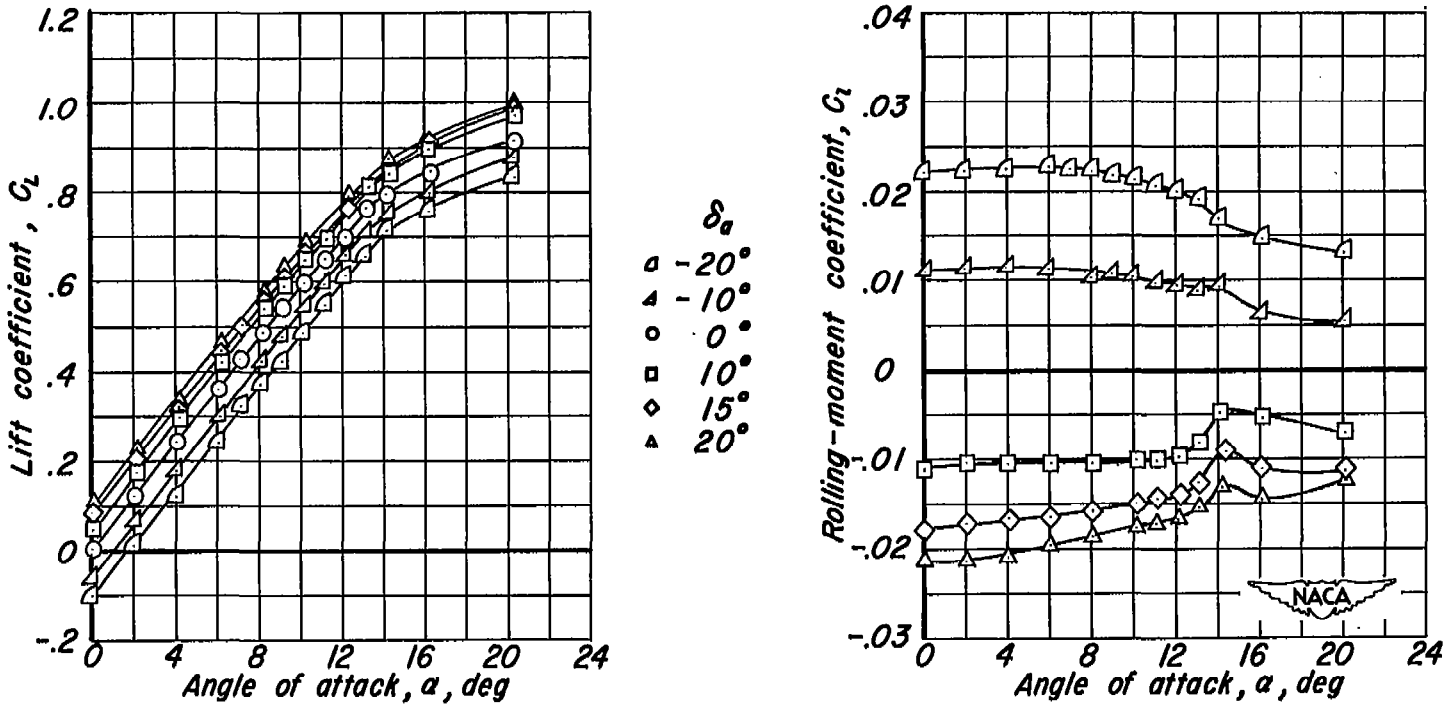
Figure 6 .— Concluded.

[redacted]



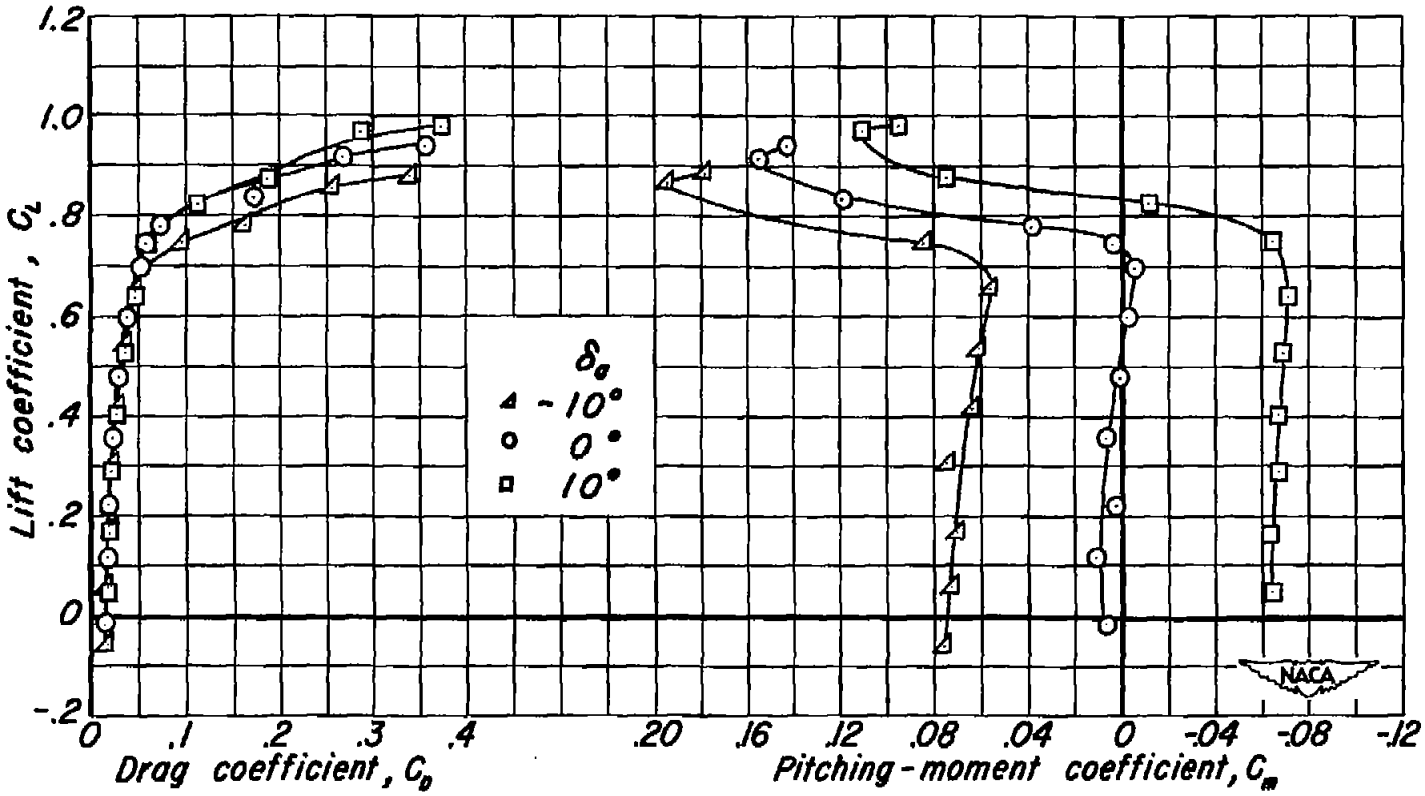
(a) C_L vs C_D, C_m

Figure 7.—Aerodynamic characteristics of the model with various aileron deflections. Flaps retracted.



(b) C_L vs α, C_l vs α

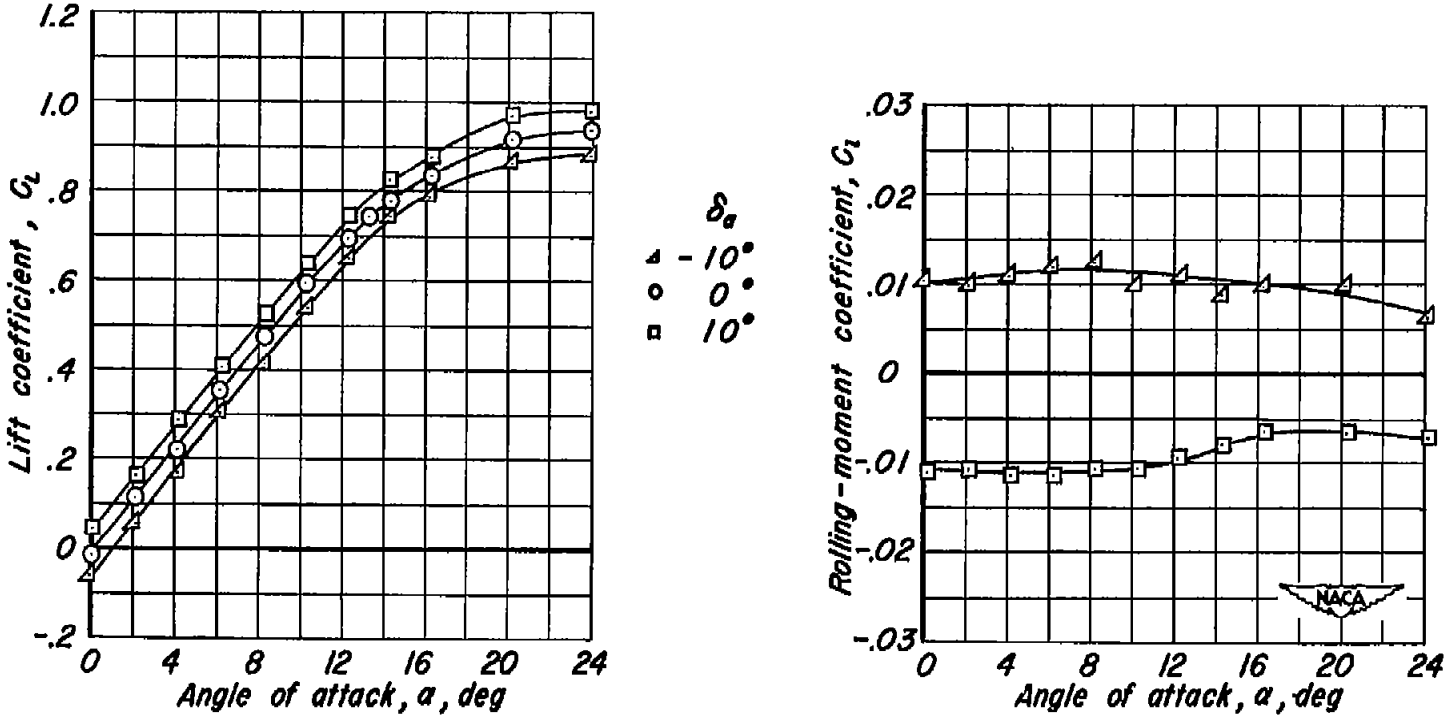
Figure 7.— Concluded.



(a) C_L vs C_D, C_m

Figure 8.—Aerodynamic characteristics of the model with various aileron deflections. Flaps retracted, slats extended 80-to 97-percent semispan.

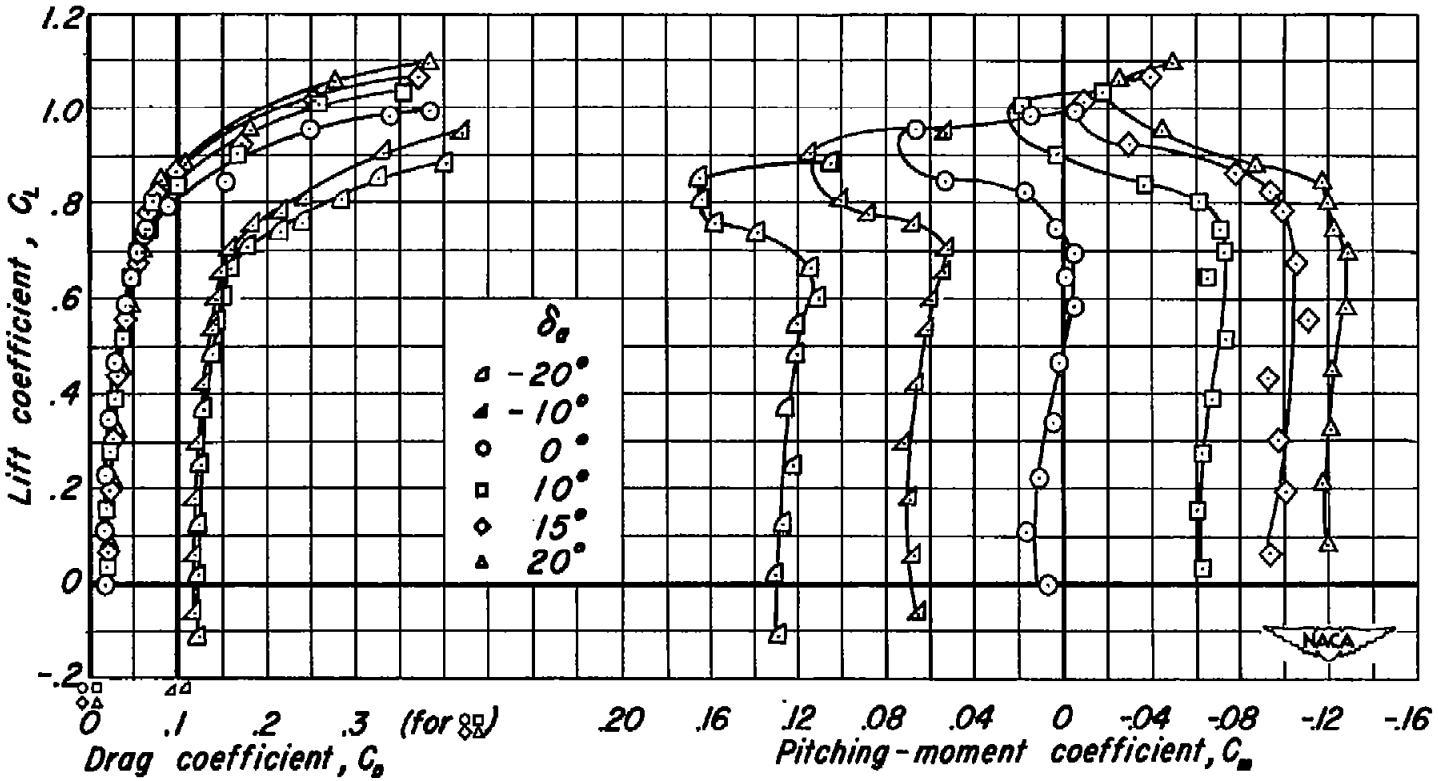
[redacted]



(b) C_L vs α, C_l vs α

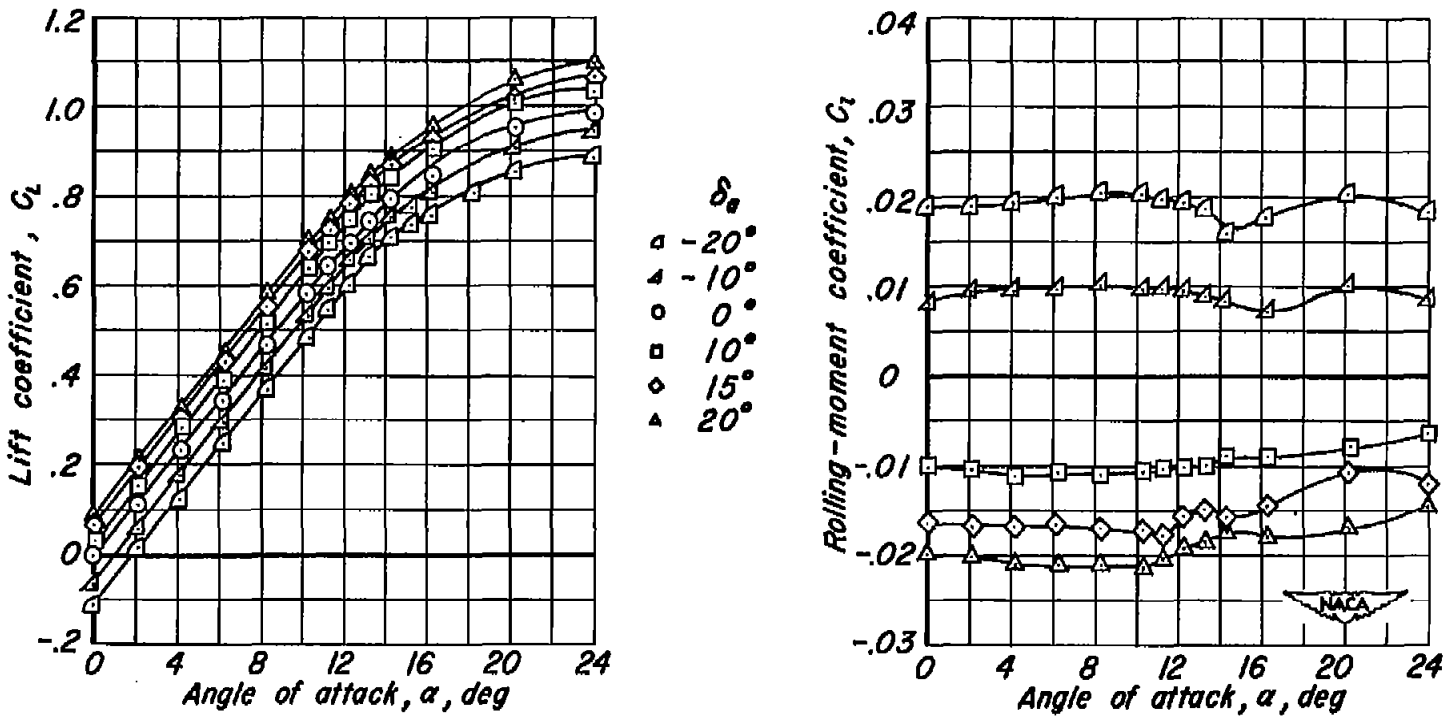
Figure 8.—Concluded.

[redacted]



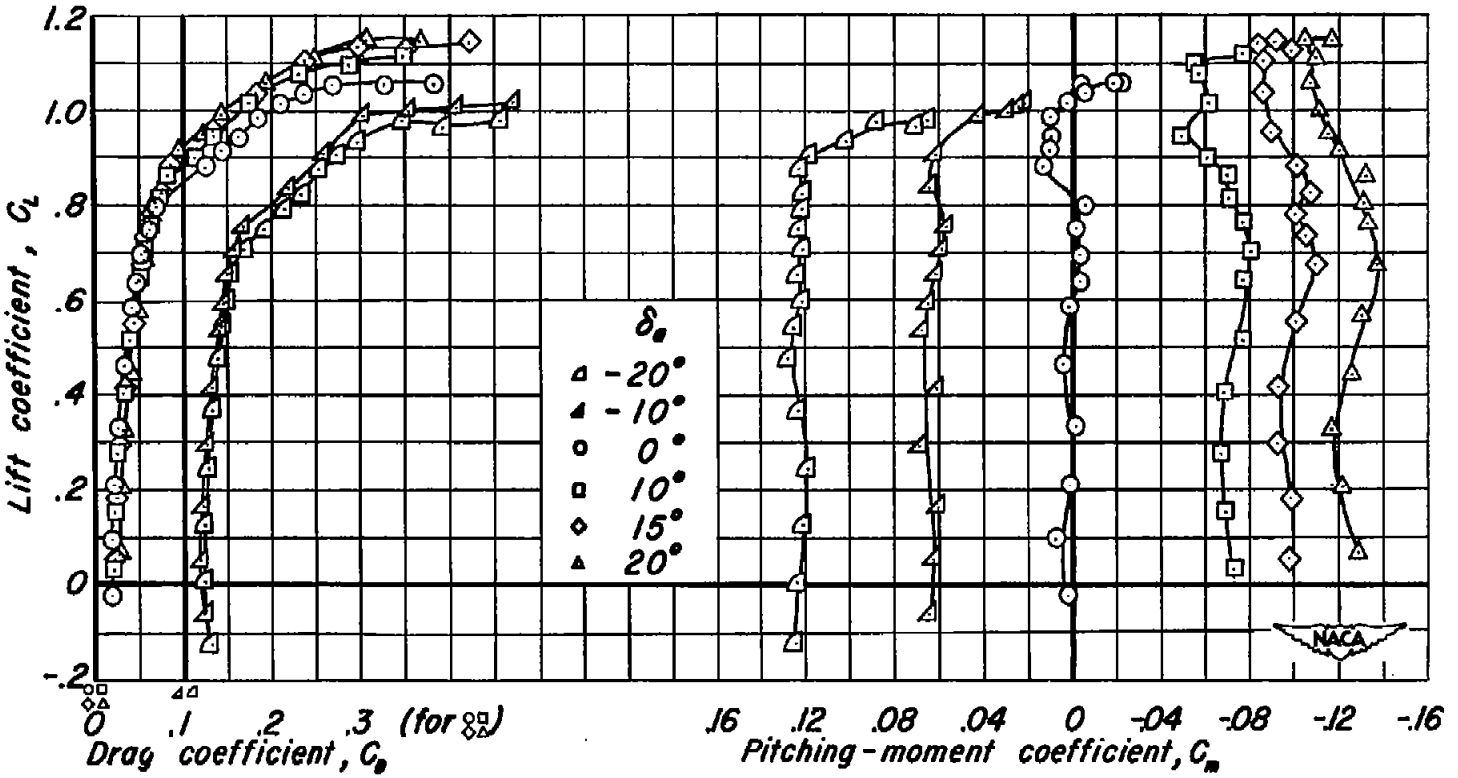
(a) C_L vs C_D, C_m

Figure 9.—Aerodynamic characteristics of the model with various aileron deflections. Flaps retracted, slats extended 60-to 97-percent semispan.



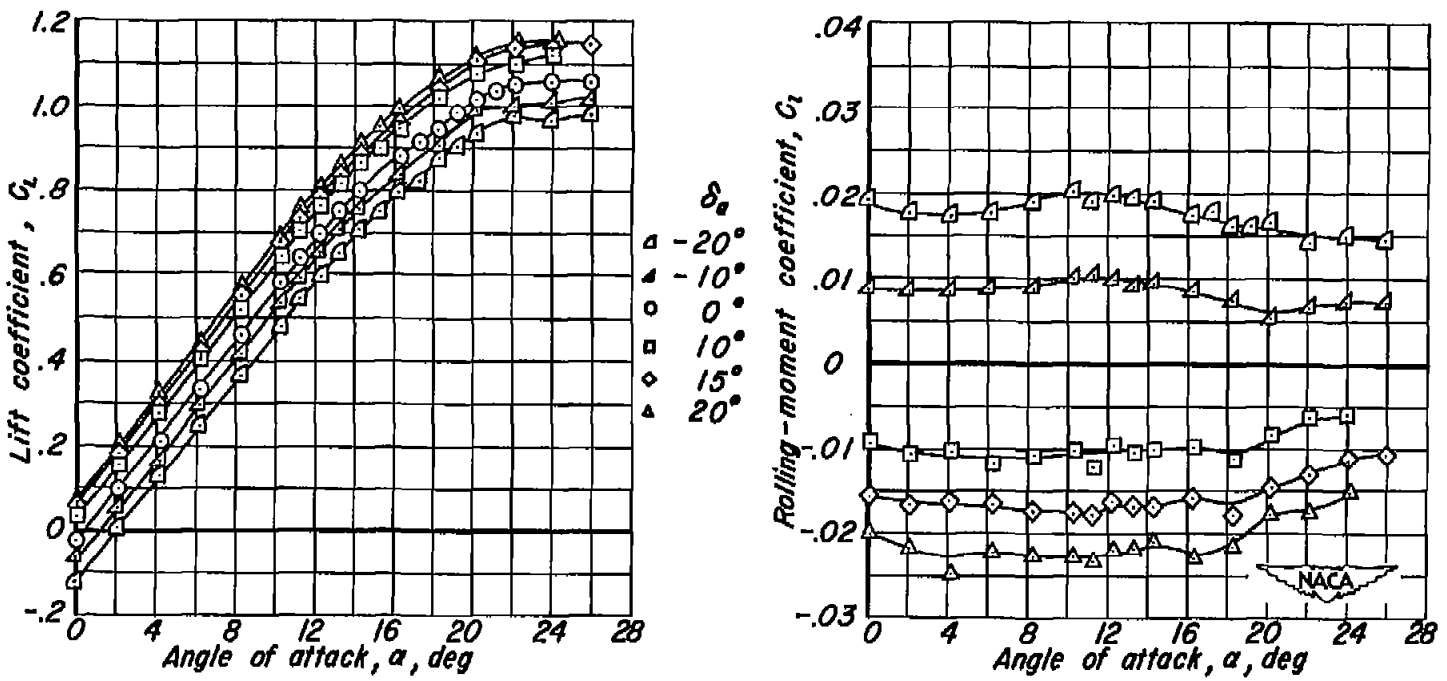
(b) C_L vs α, C_l vs α

Figure 9.—Concluded.



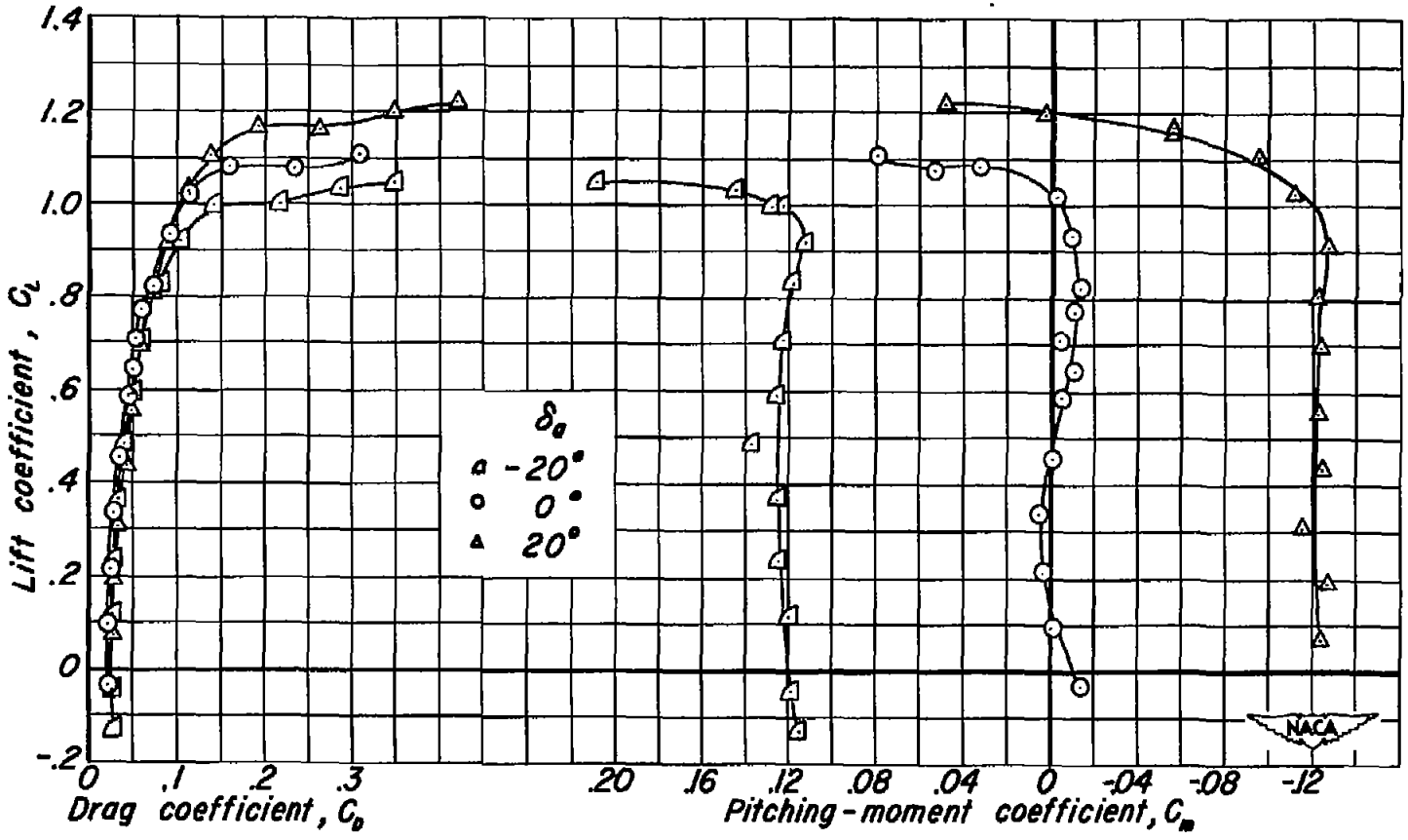
(a) C_L vs C_D, C_m

Figure 10.—Aerodynamic characteristics of the model with various deflections of the aileron. Flaps retracted, slats extended 40-to 97-percent semispan.



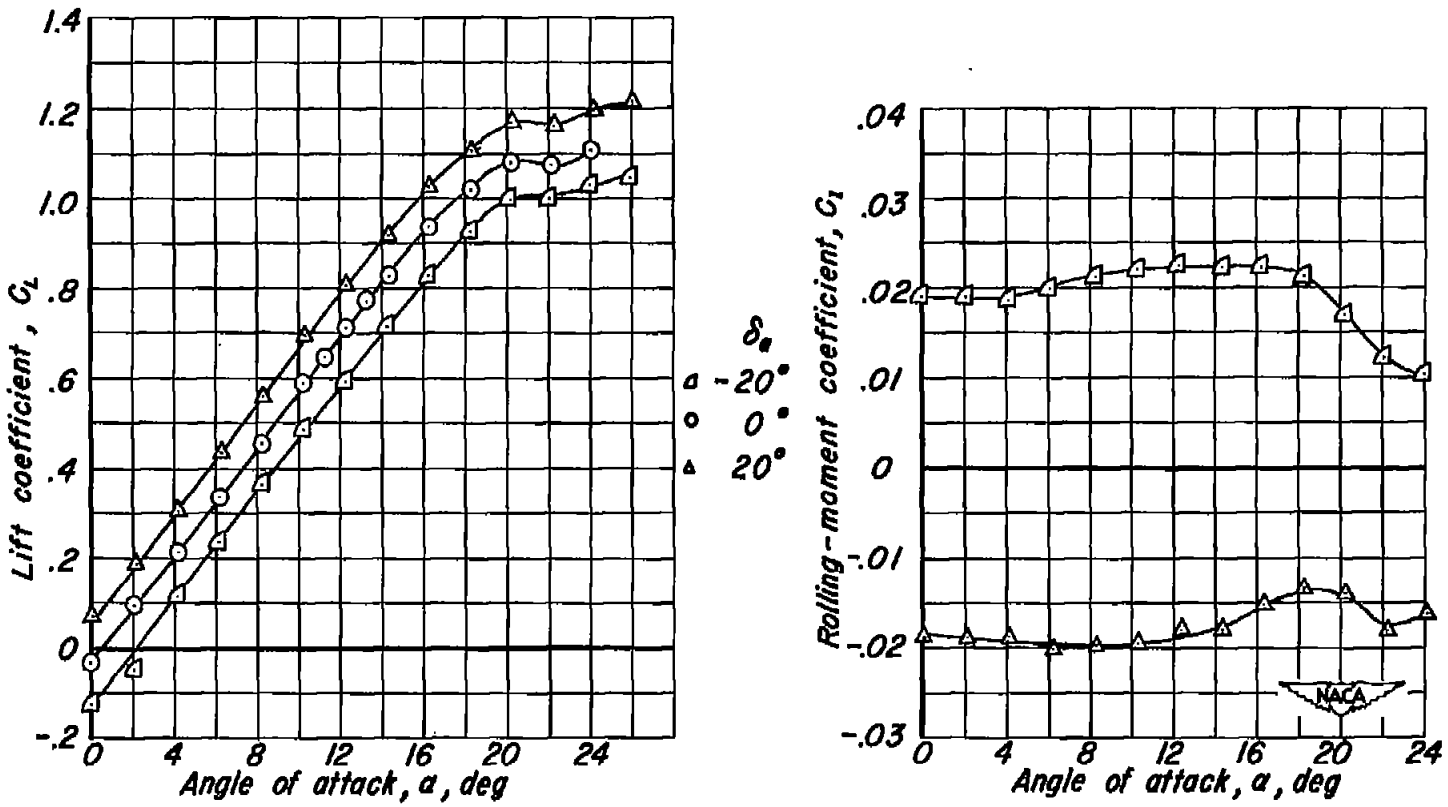
(b) C_L vs α, C_l vs α

Figure 10.—Concluded.



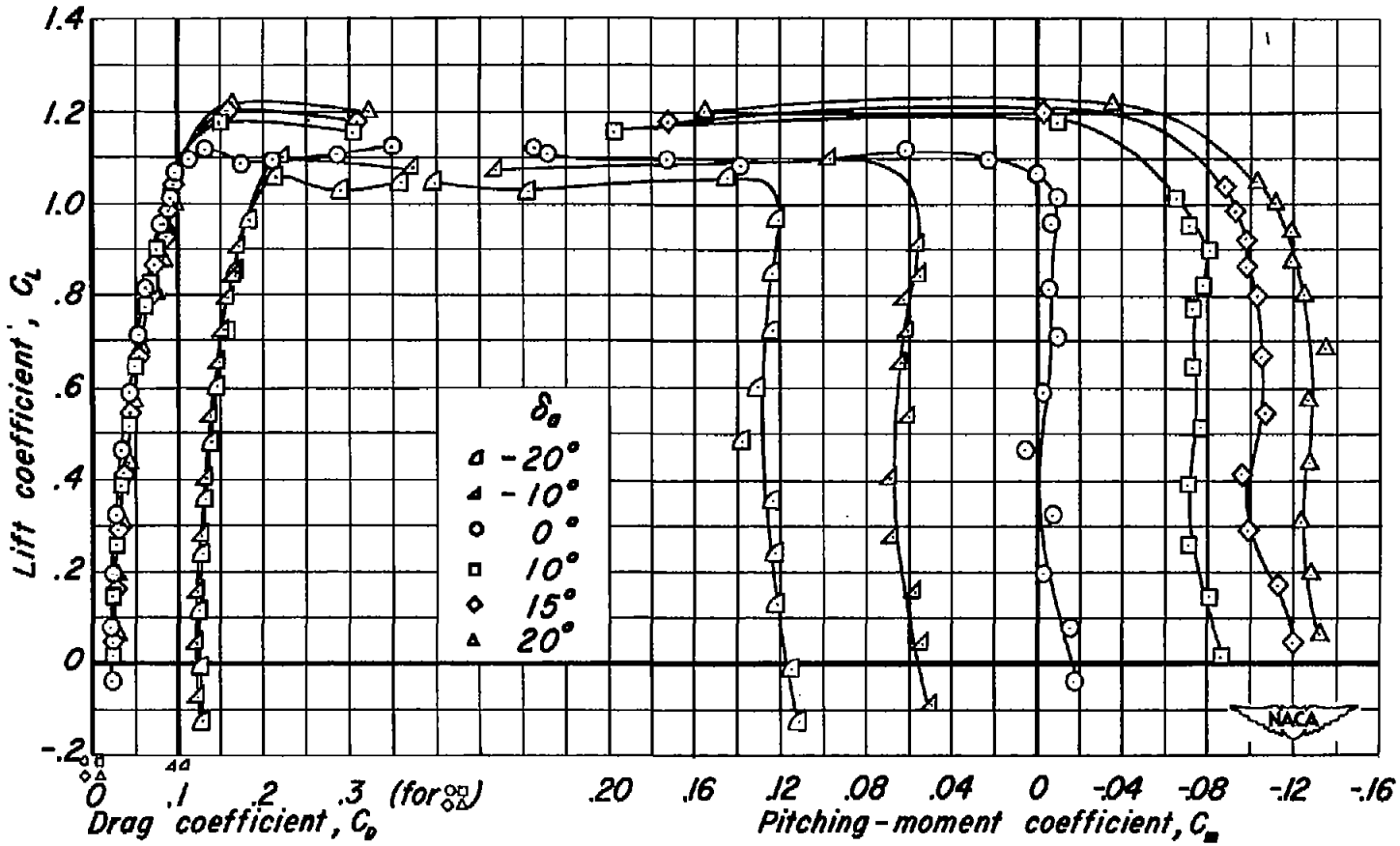
(a) C_L vs C_D, C_m

Figure 11.— Aerodynamic characteristics of the model with various deflections of the aileron. Flaps retracted, slats extended 20- to 97-percent semispan.



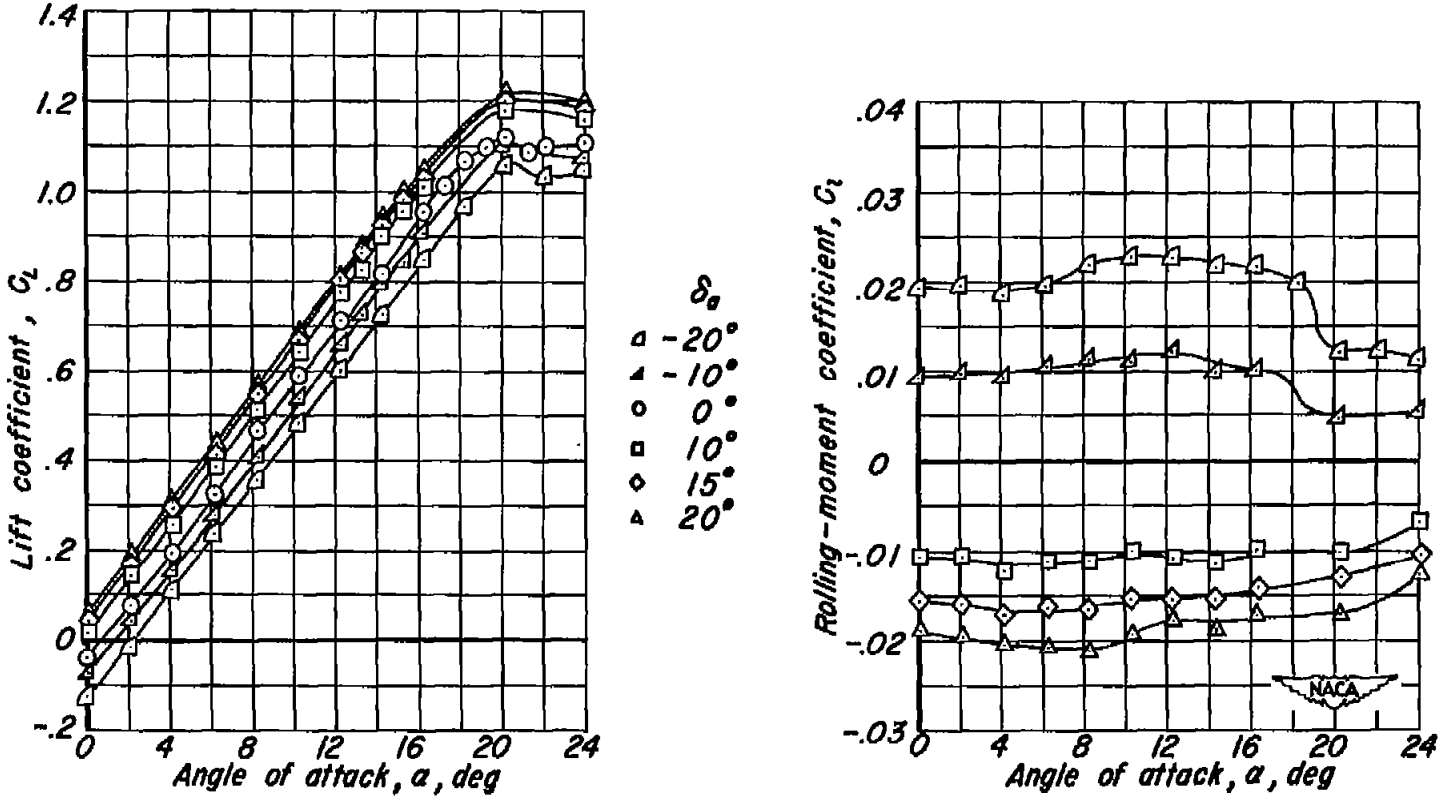
(b) C_L vs α, C_l vs α

Figure 11.—Concluded.



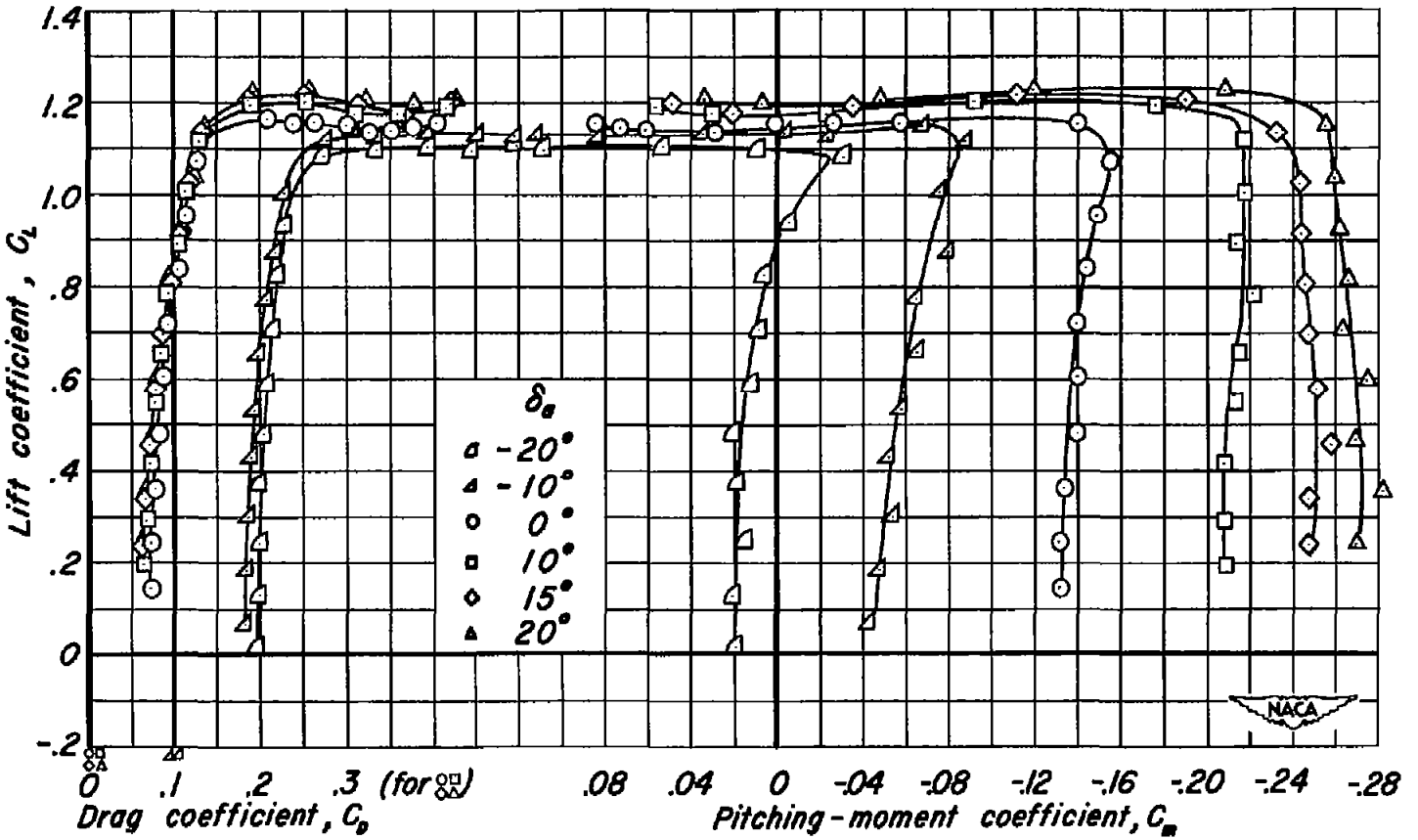
(a) C_L vs C_D, C_m

Figure 12.—Aerodynamic characteristics of the model with various aileron deflections. Flaps retracted, slats extended 14-to 97-percent semispan.



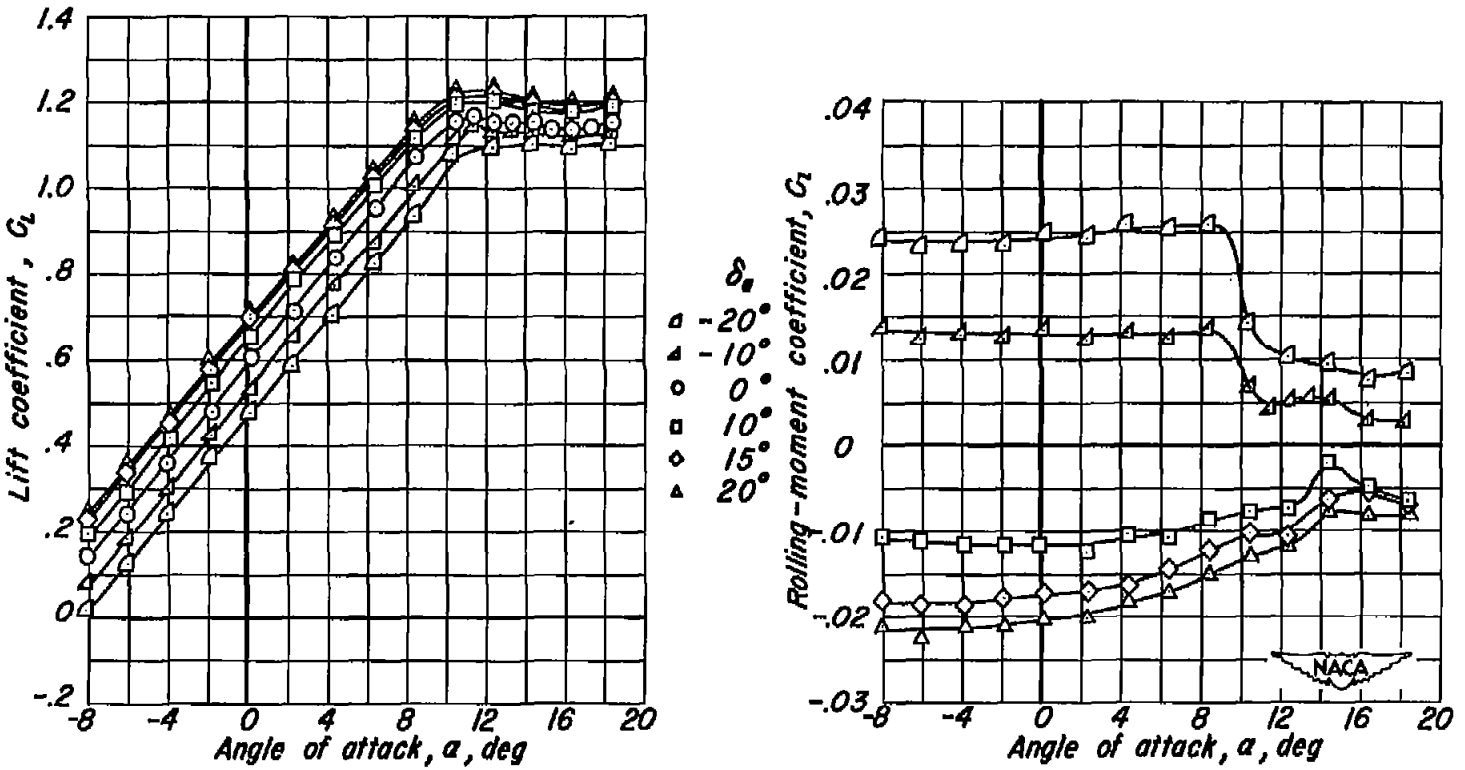
(b) C_L vs α, C_l vs α

Figure 12.—Concluded.



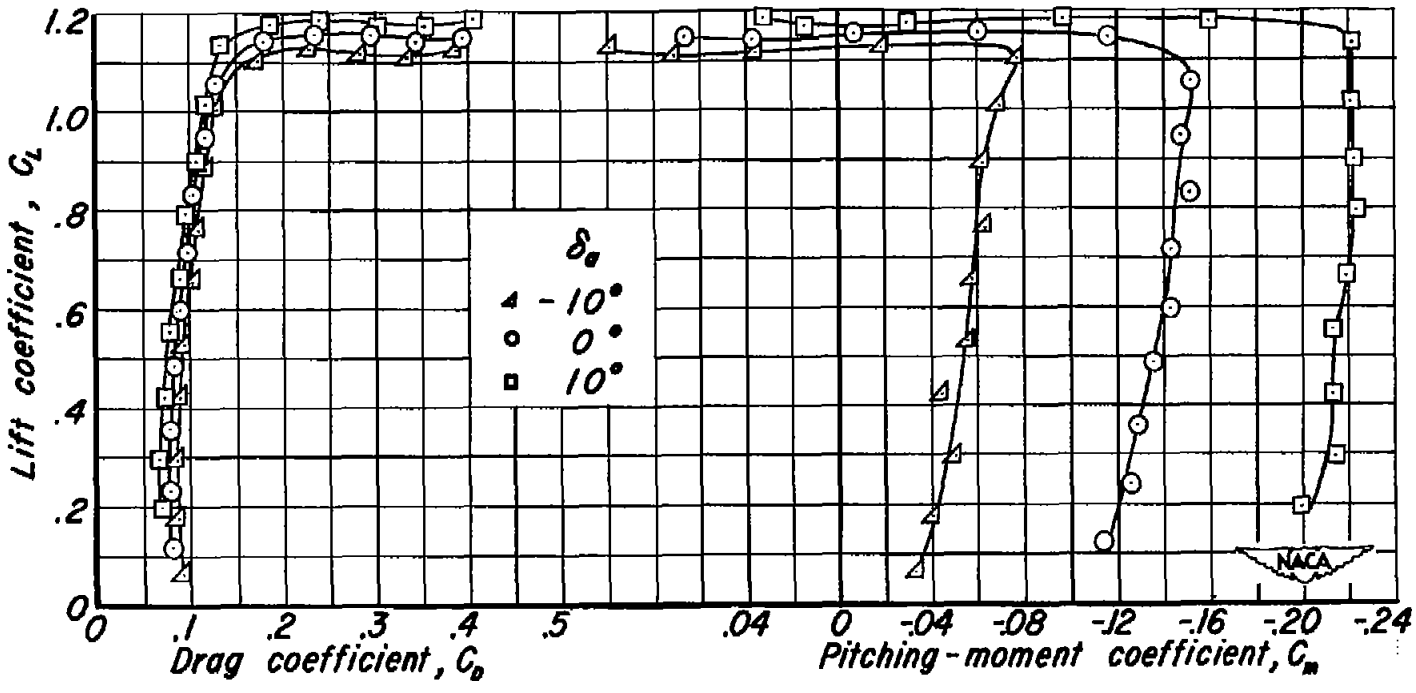
(a) C_L vs C_D, C_m

Figure 13.— Aerodynamic characteristics of the model with various aileron deflections. Flaps deflected.



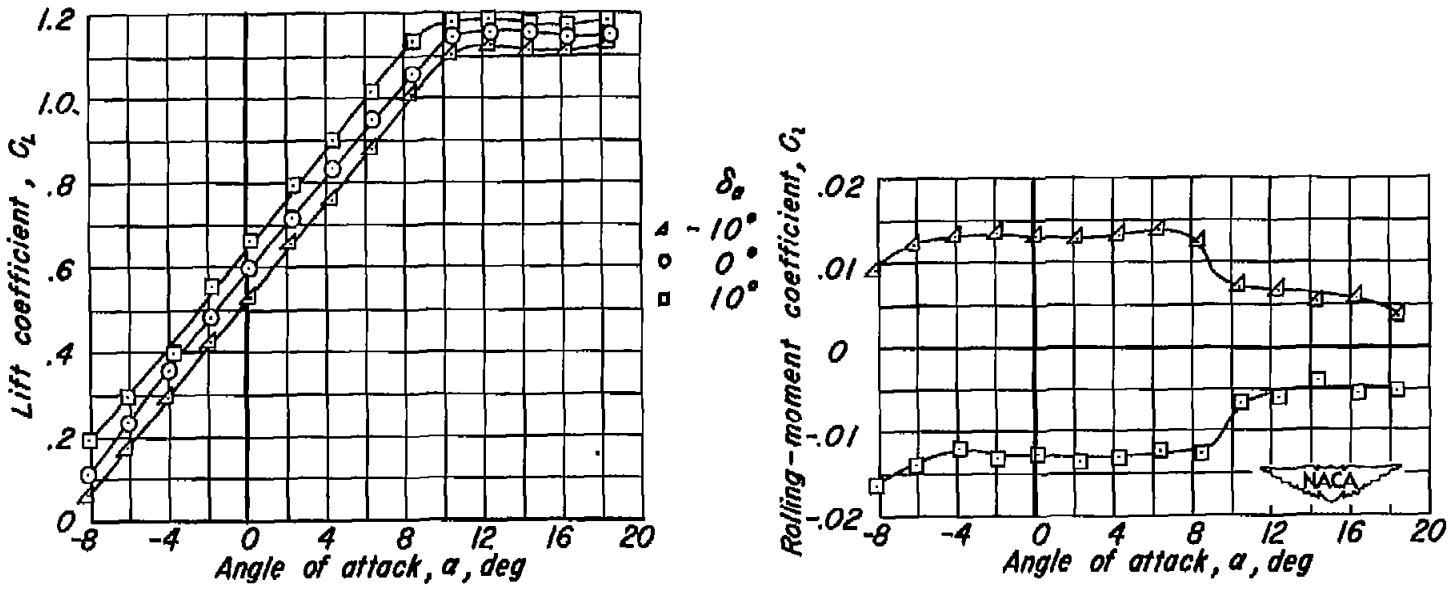
(b) C_L vs α, C_l vs α

Figure 13.—Concluded.



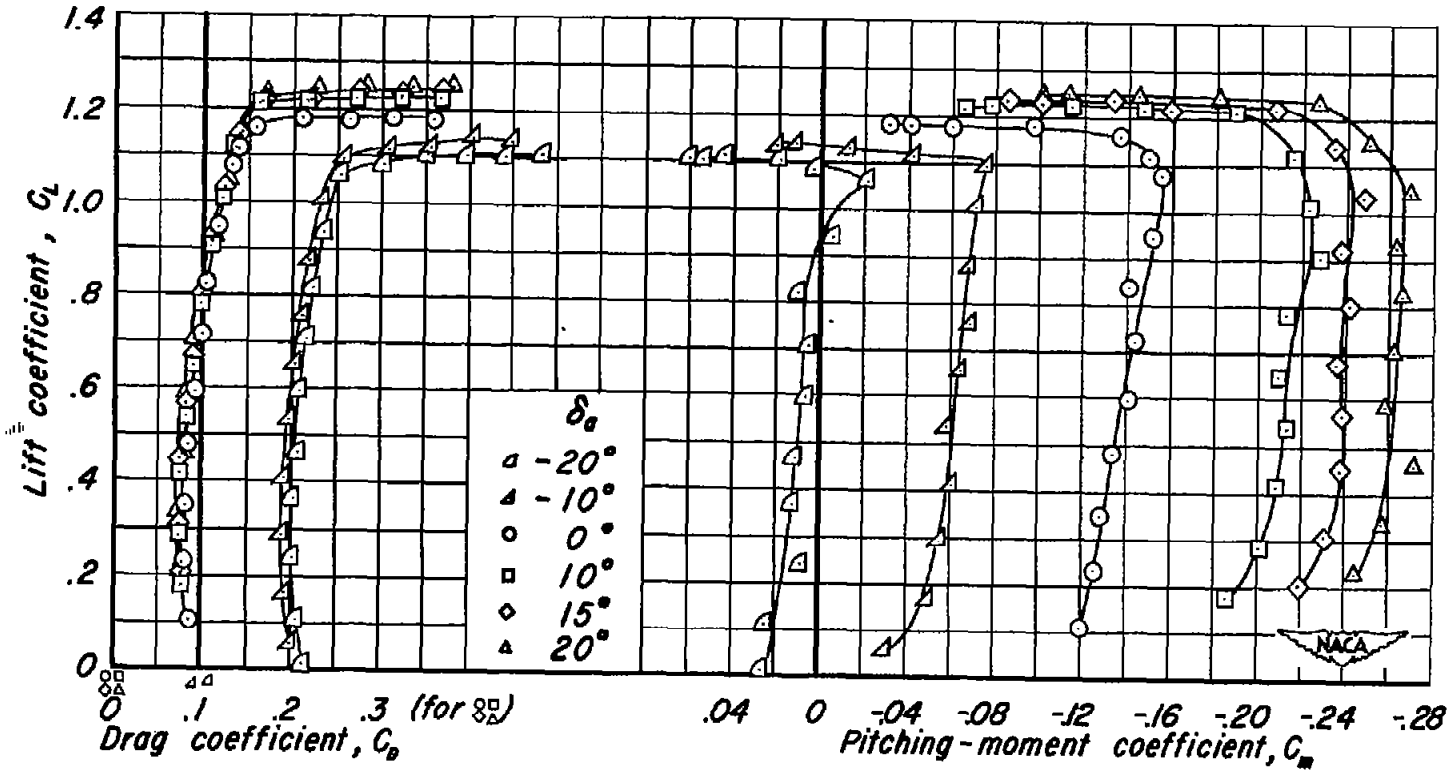
(a) C_L vs C_D, C_m

Figure 14.—Aerodynamic characteristics of the model for various aileron deflections. Flaps deflected, slats extended 80-to 97-percent semispan.



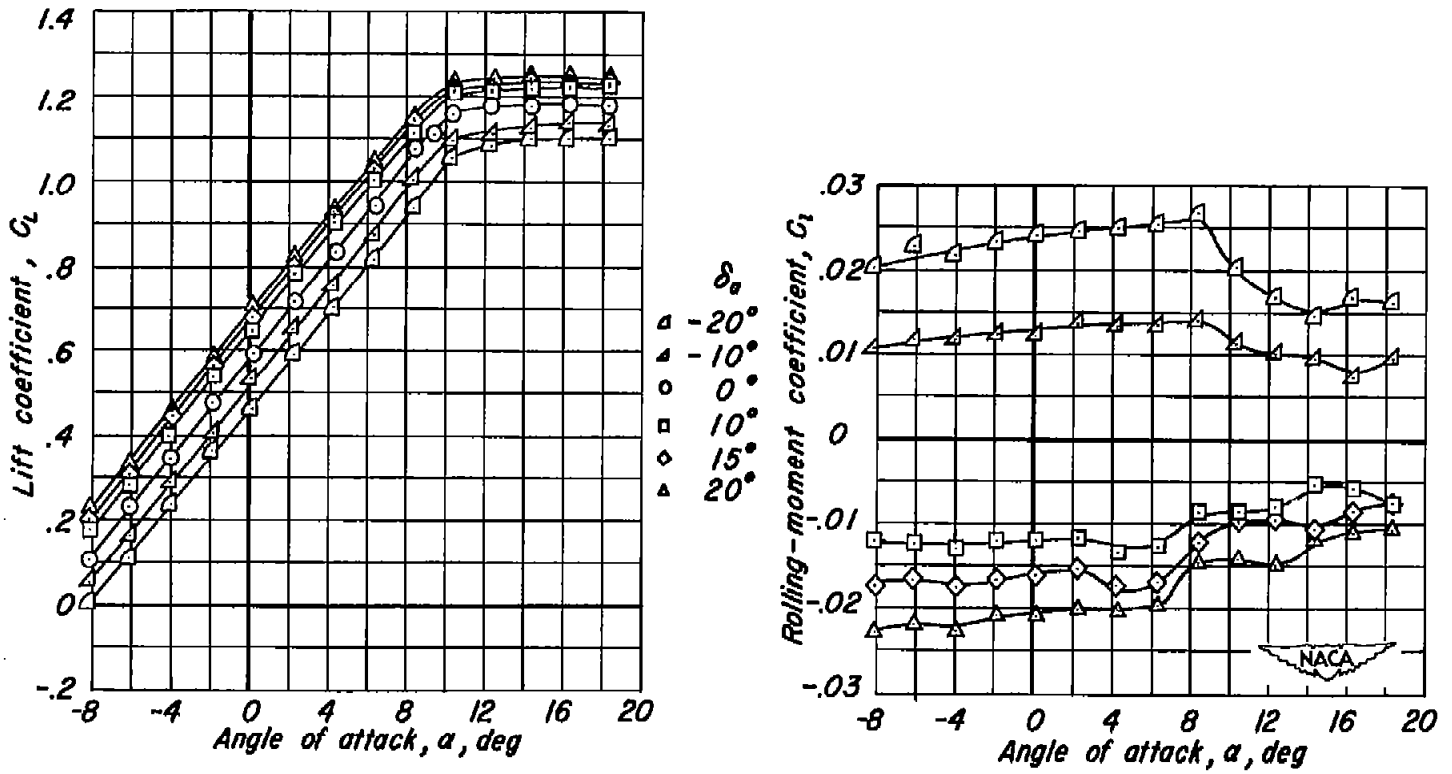
(b) C_L vs α, C_l vs α

Figure 14.— Concluded.



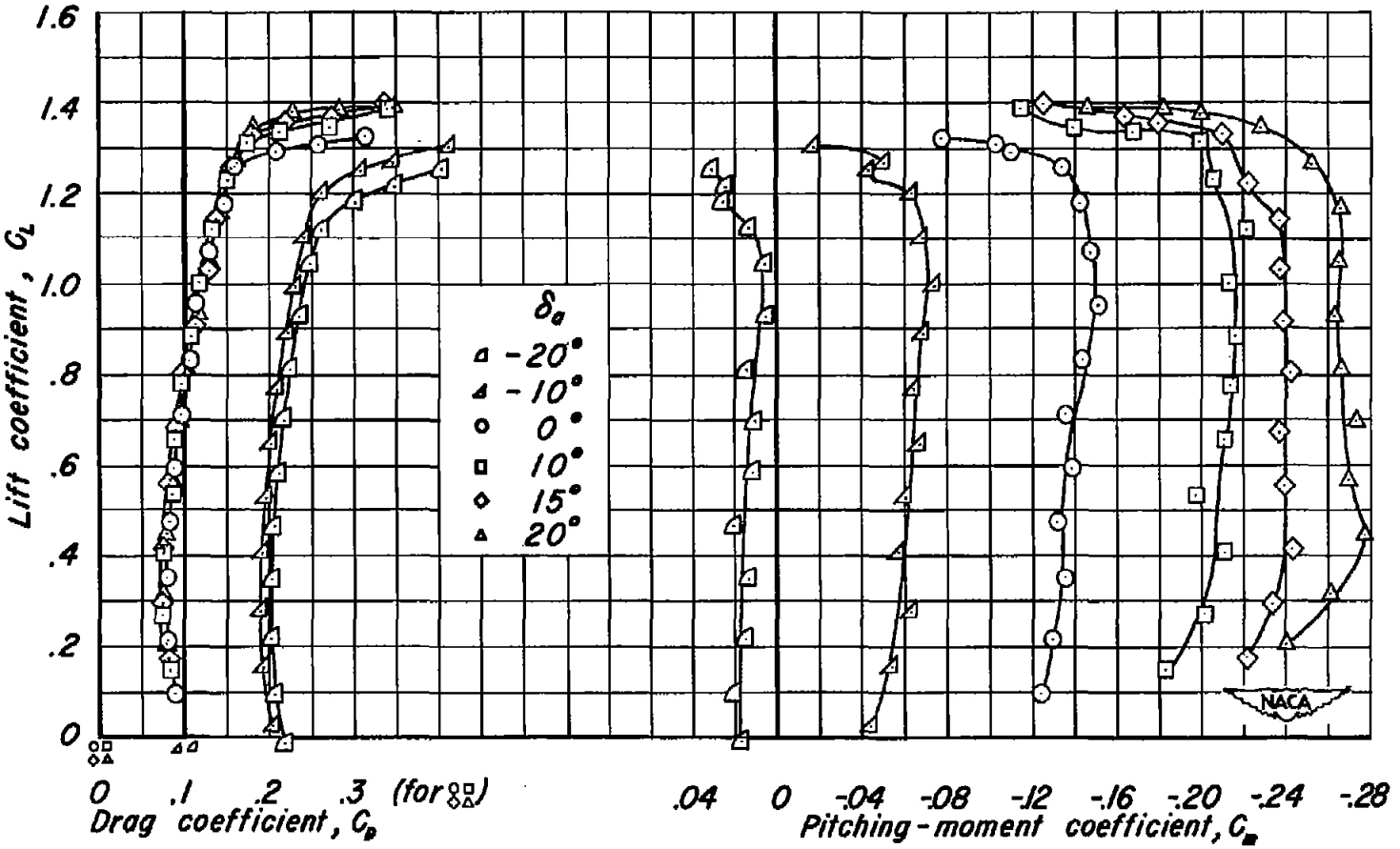
(a) C_L vs C_D, C_m

Figure 15.—Aerodynamic characteristics of the model with various aileron deflections. Flaps deflected, slats extended 60-to 97-percent semispan.



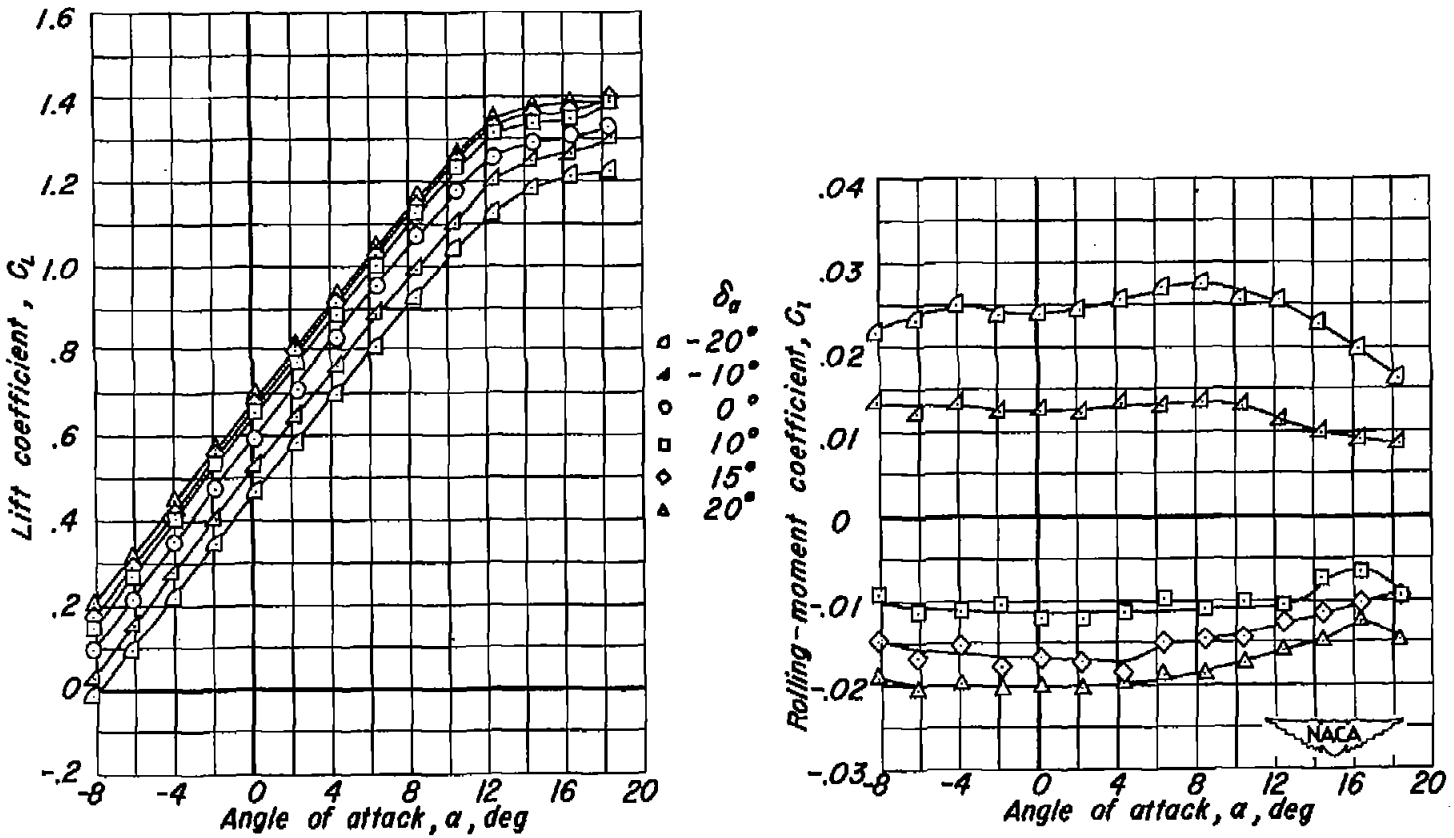
(b) C_L vs α, C_l vs α

Figure 15.—Concluded.



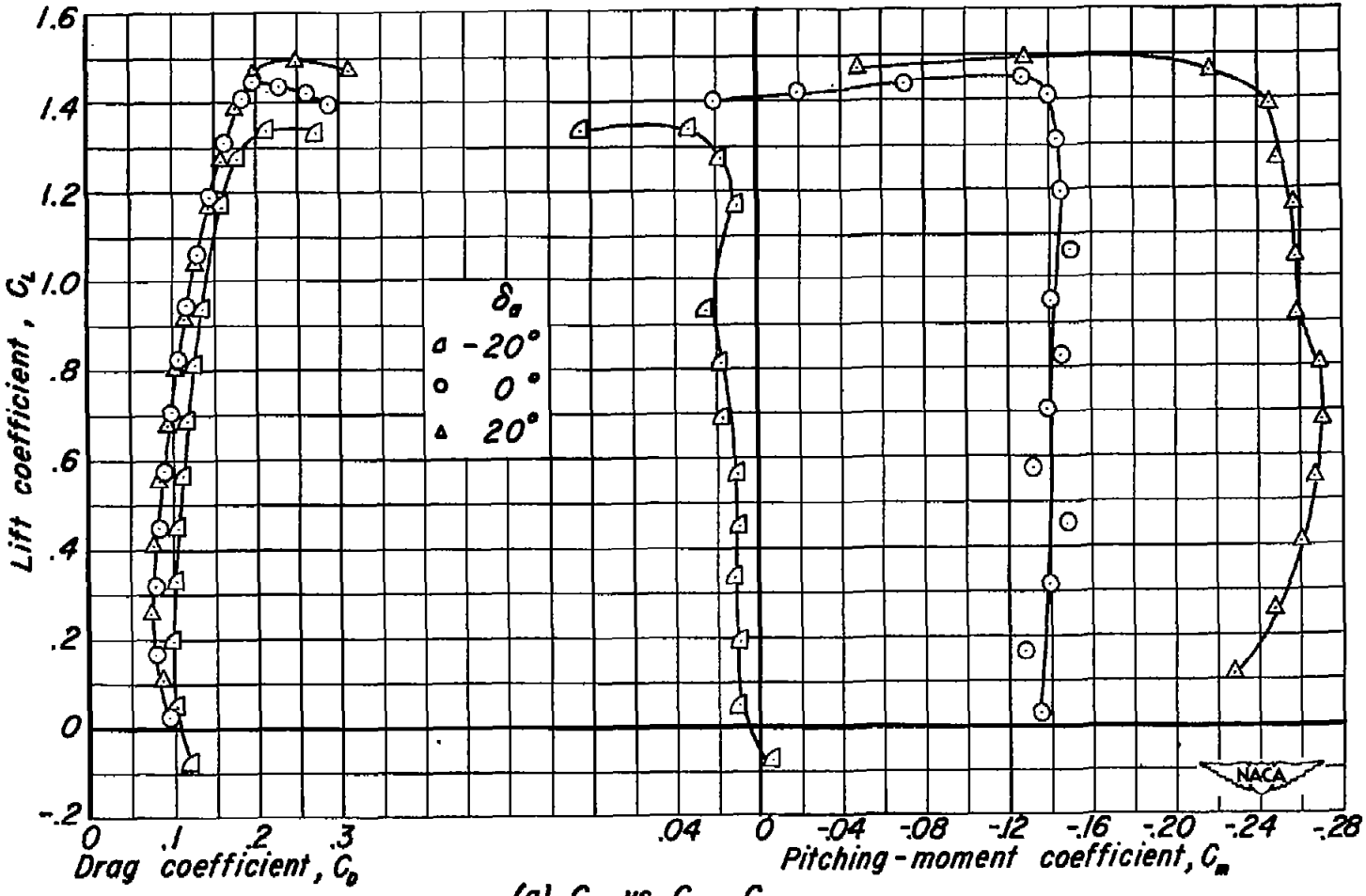
(a) C_L vs C_D, C_m

Figure 16.— Aerodynamic characteristics of the model with various aileron deflections. Flaps deflected, slats extended 40-to 97-percent semispan.



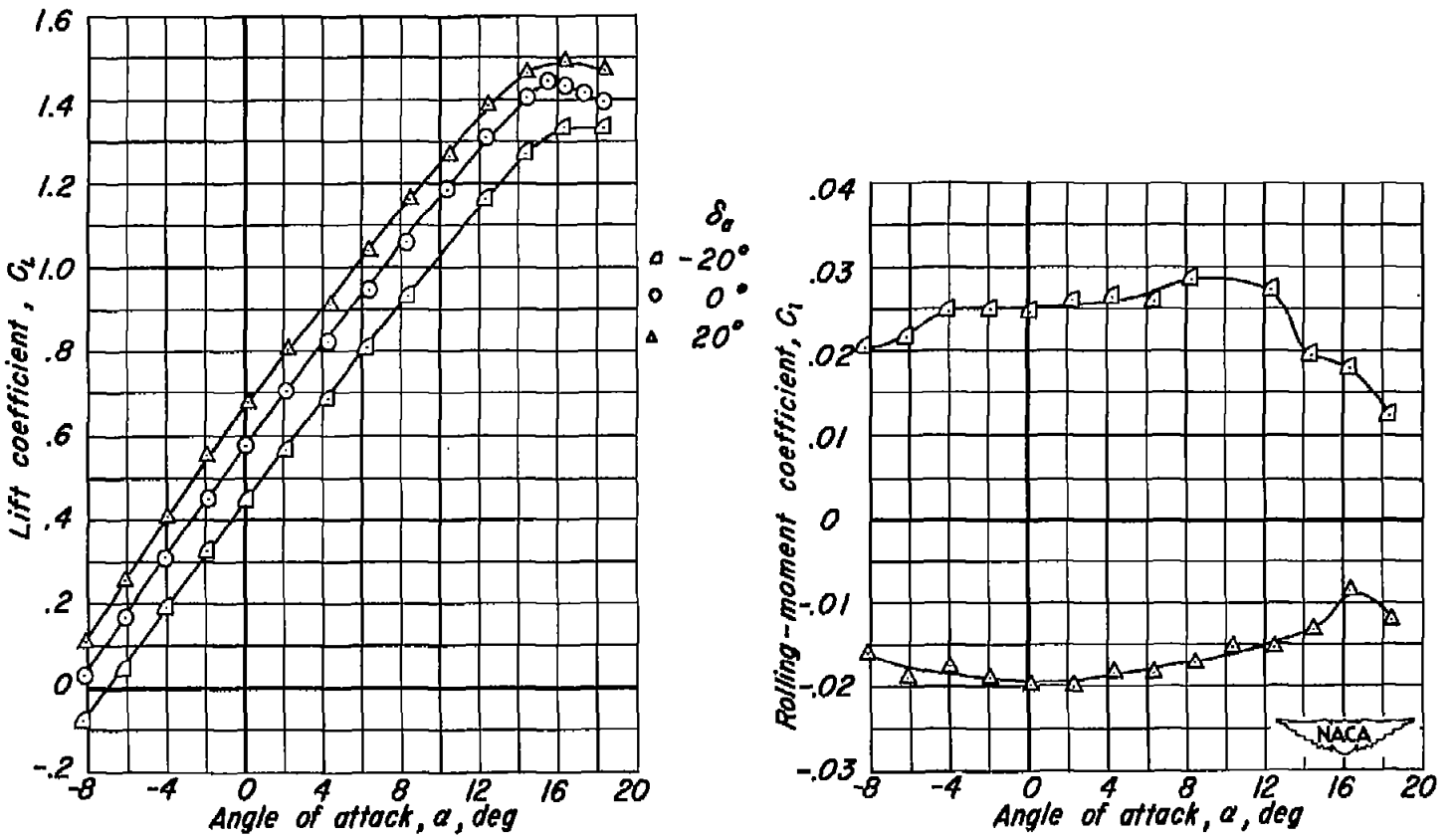
(b) C_L vs α, C_l vs α

Figure 16.—Concluded.



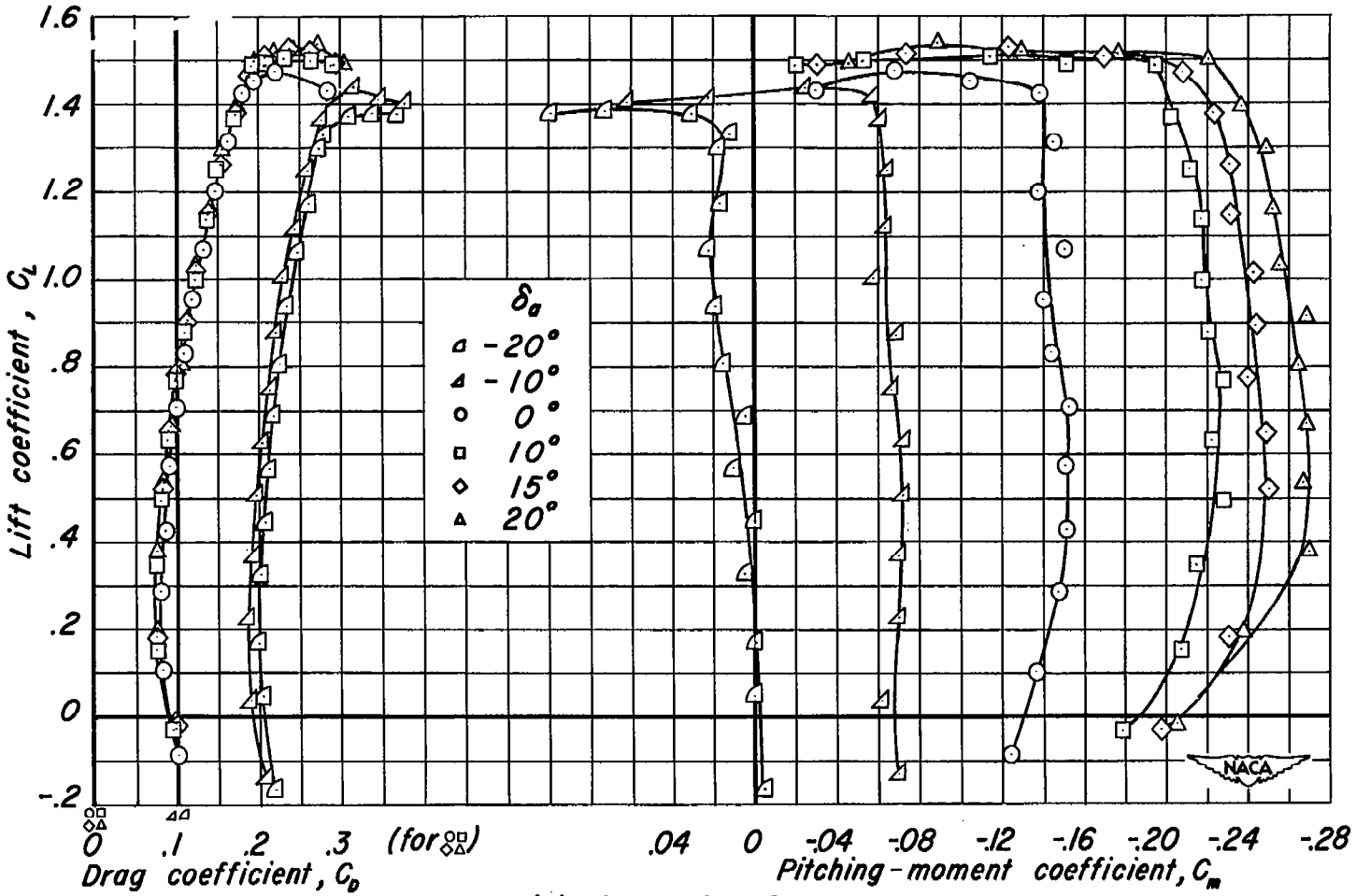
(a) C_L vs C_D, C_m

Figure 17.—Aerodynamic characteristics of the model with various aileron deflections. Flaps deflected, slats extended 20- to 97-percent semispan.



(b) C_L vs α, C_l vs α

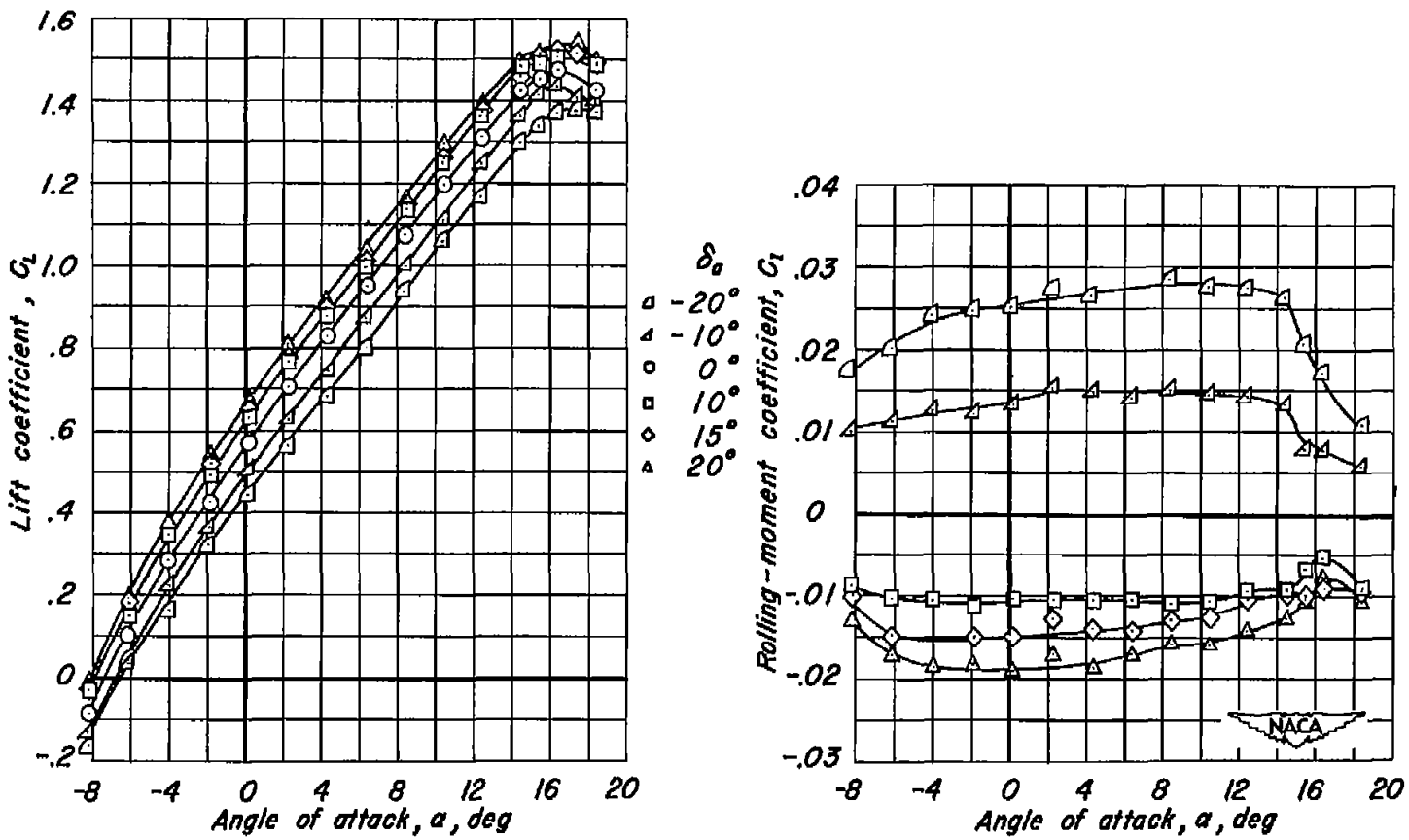
Figure 17.— Concluded.



(a) C_L vs C_D, C_m

Figure 18.—Aerodynamic characteristics of the model with various aileron deflections. Flaps deflected, slats extended 14-to 97-percent semispan.

[redacted]



(b) C_L vs α, C_l vs α

Figure 18.—Concluded.

[redacted]

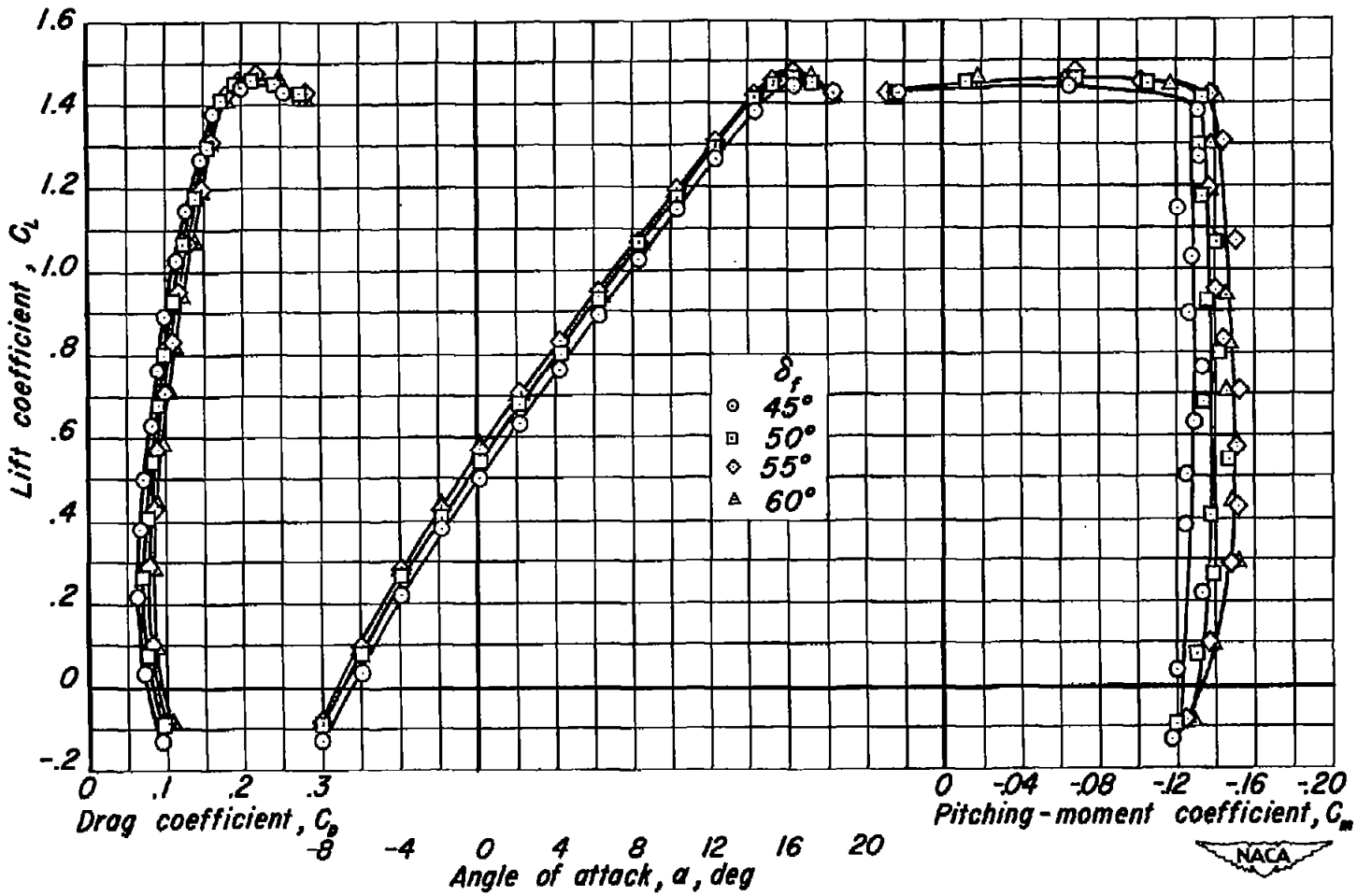


Figure 19.—Aerodynamic characteristics of the model with various deflections of the main flap. With slats extended 14-to 97-percent semispan.

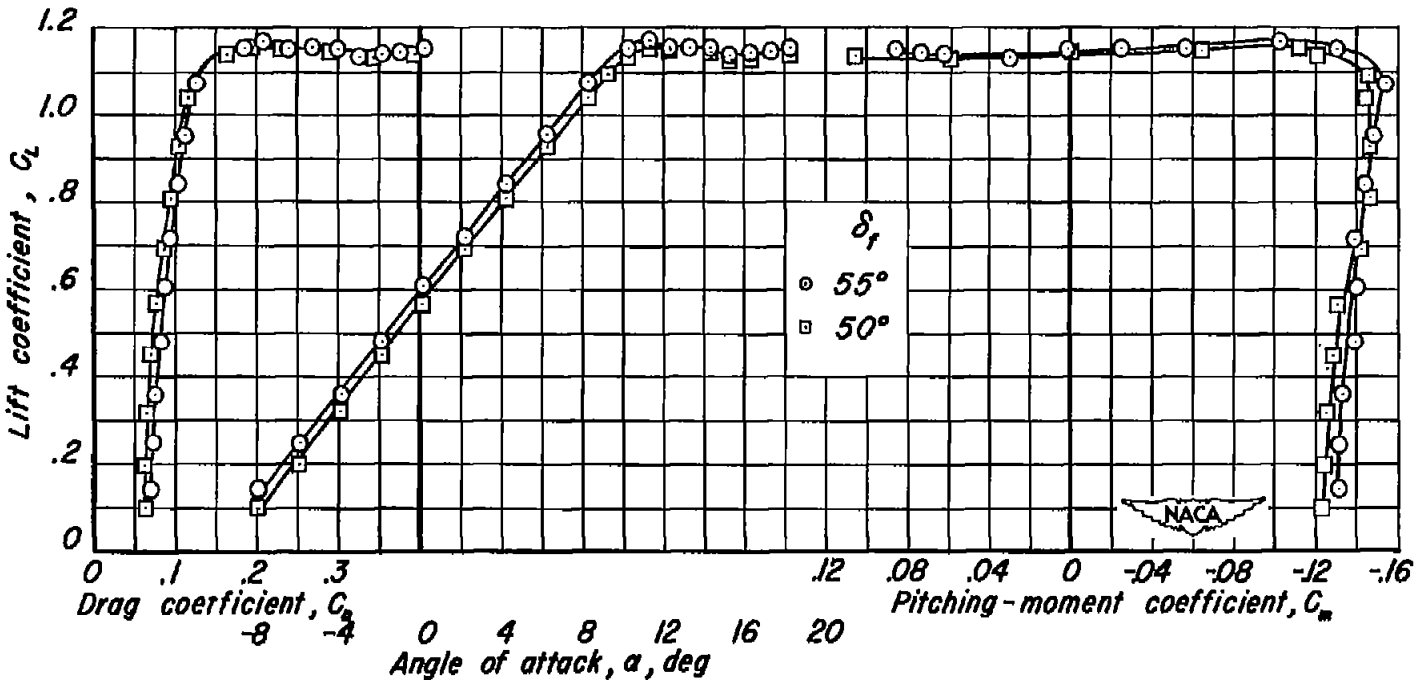
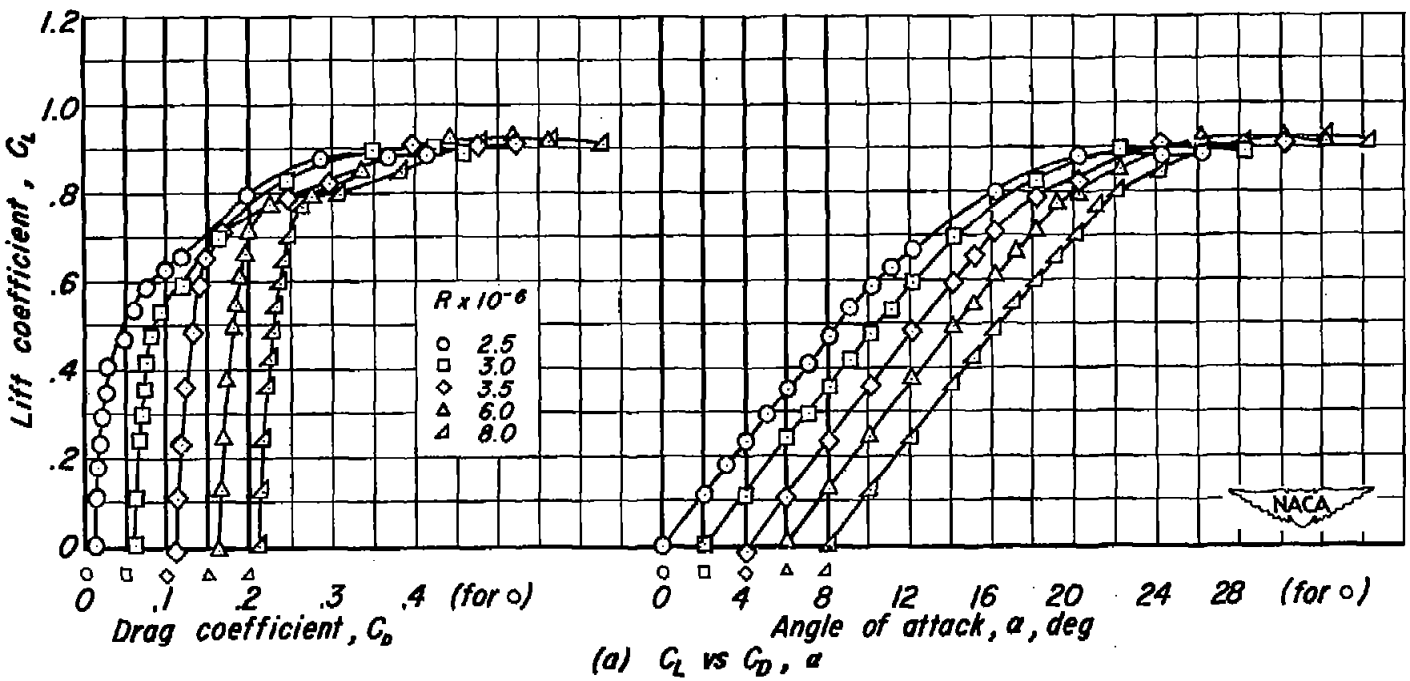
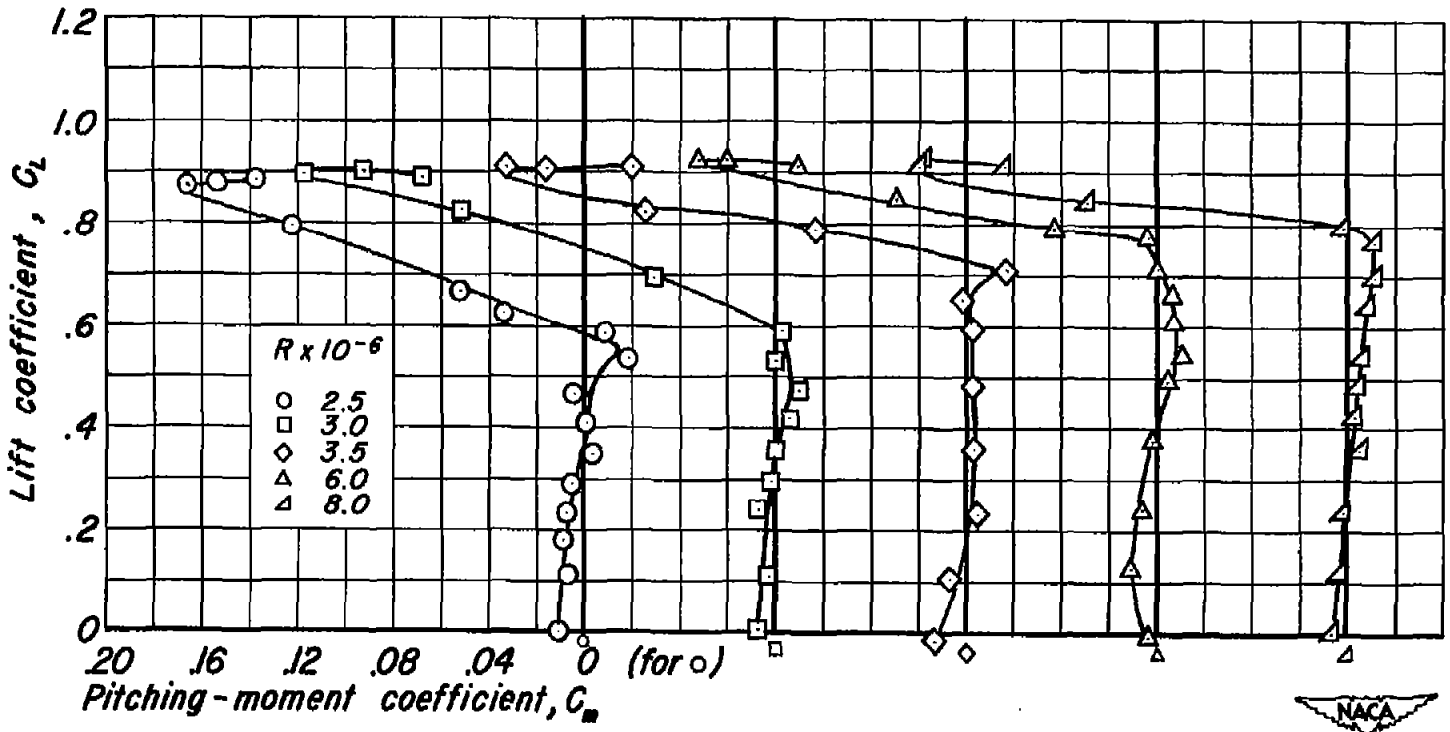


Figure 20.—Aerodynamic characteristics of the model with the main flap deflected 50° and 55°. Slats retracted.



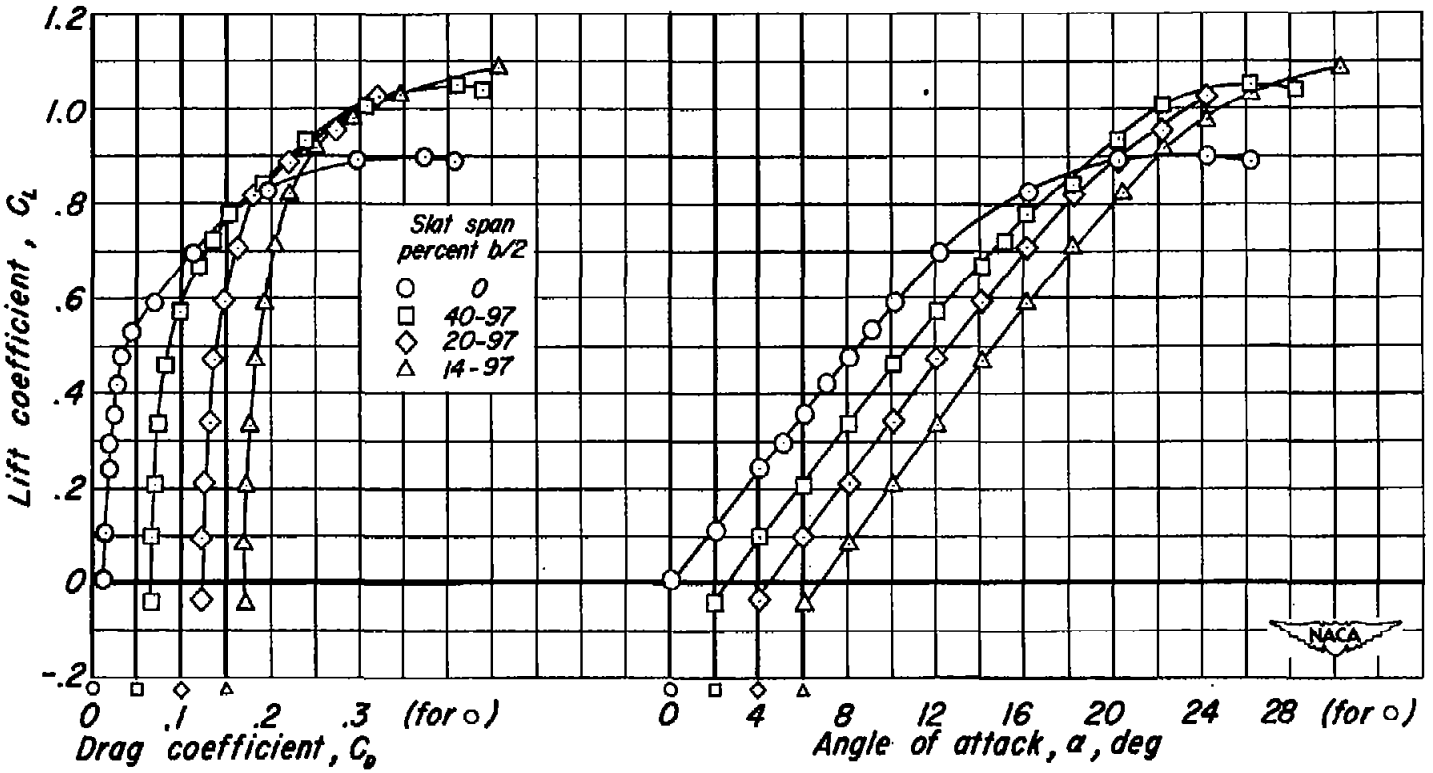
(a) C_L vs C_D, α

Figure 21.— Aerodynamic characteristics of the model at various Reynolds numbers. Flaps retracted.



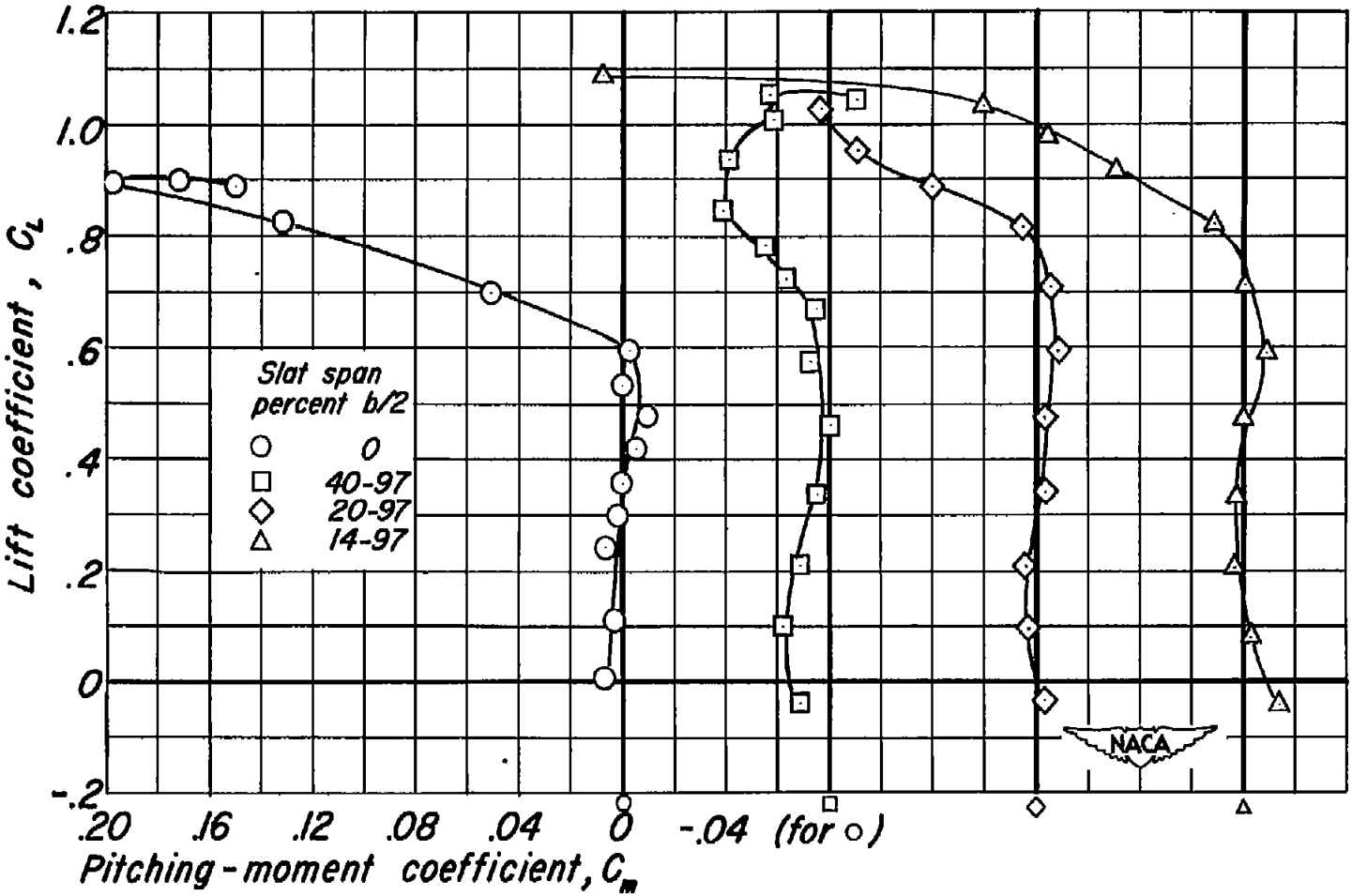
(b) C_L vs C_m

Figure 21.—Concluded.



(a) C_L vs C_D, α

Figure 22.— Aerodynamic characteristics of the model with various spans of slats. R, 3×10^6. Flaps retracted.



(b) C_L vs C_m

Figure 22.—Concluded.

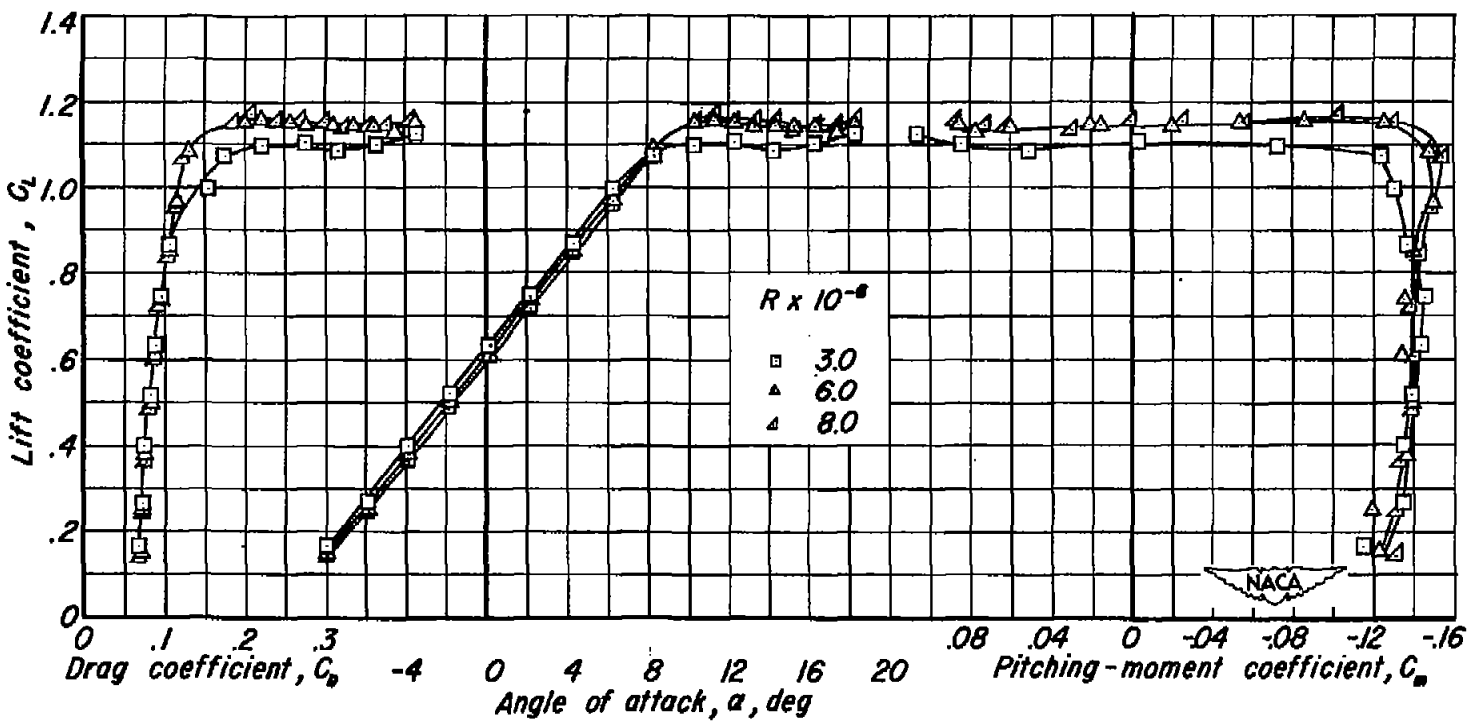
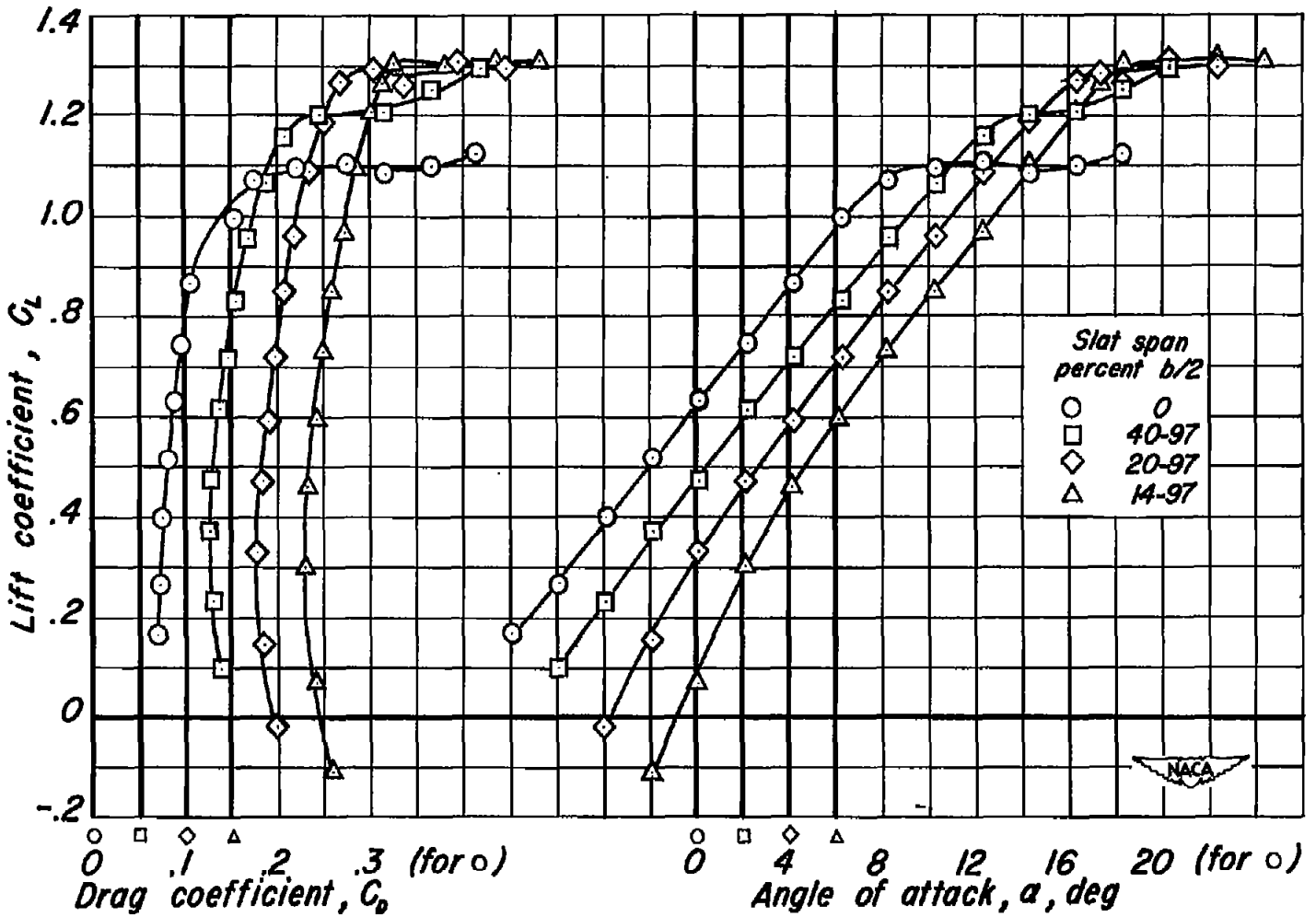
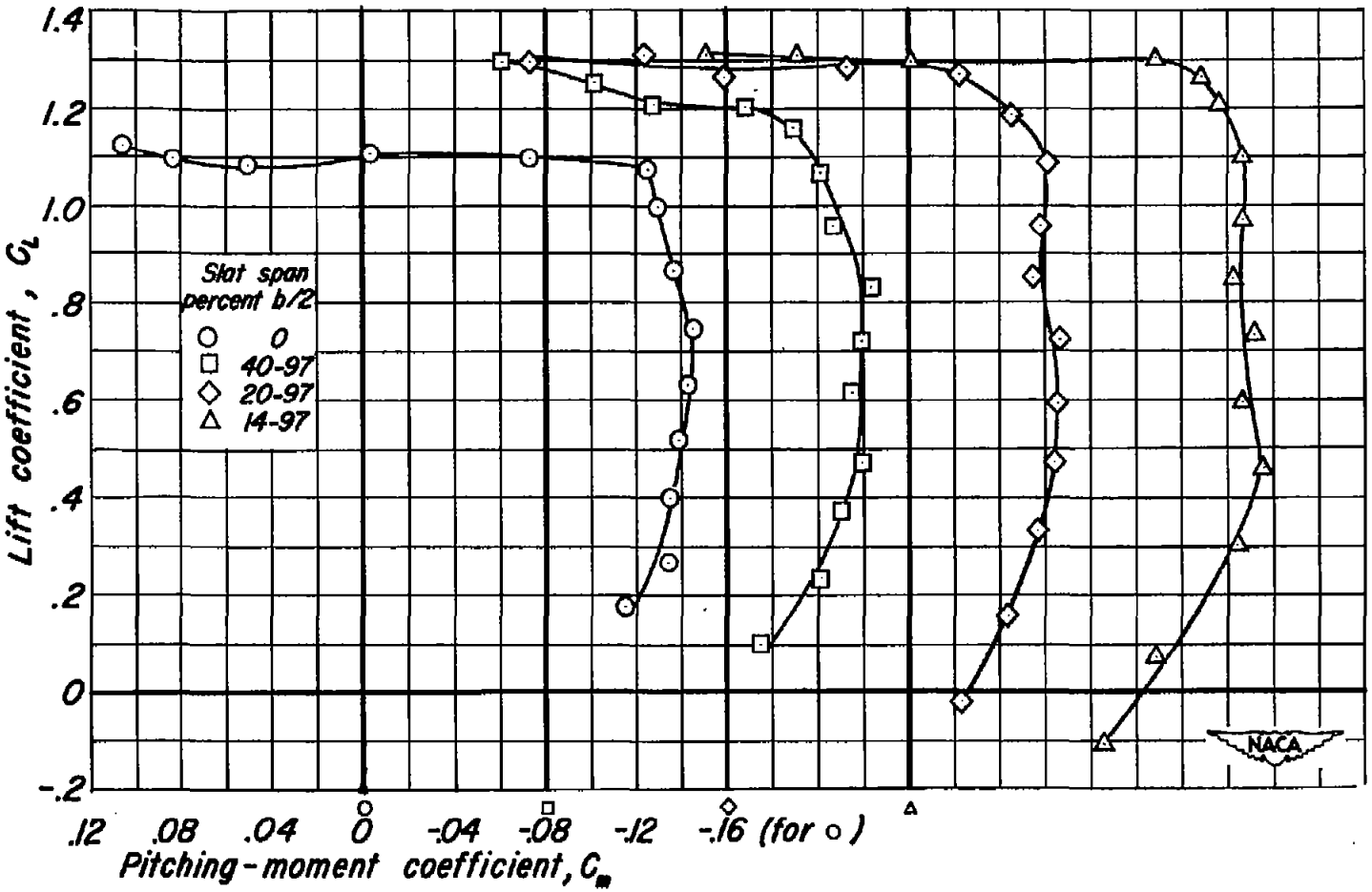


Figure 23.— Aerodynamic characteristics of the model at various Reynolds numbers. Flaps deflected.



(a) C_L vs C_D, α

Figure 24.—Aerodynamic characteristics of the model with various spans of slats. R, 3×10^6. Flaps deflected.



(b) C_L vs C_m

Figure 24.— Concluded.

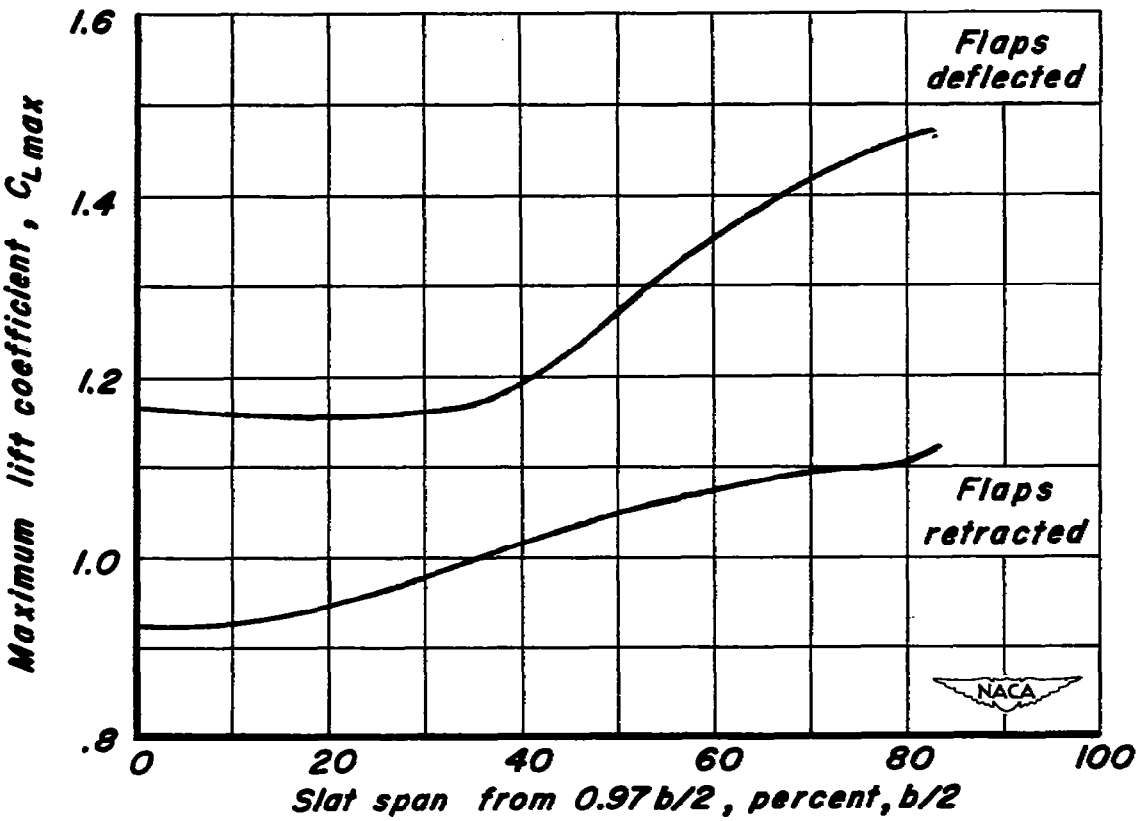


Figure 25.— Variation of maximum lift coefficient with slat span, with and without flaps deflected.

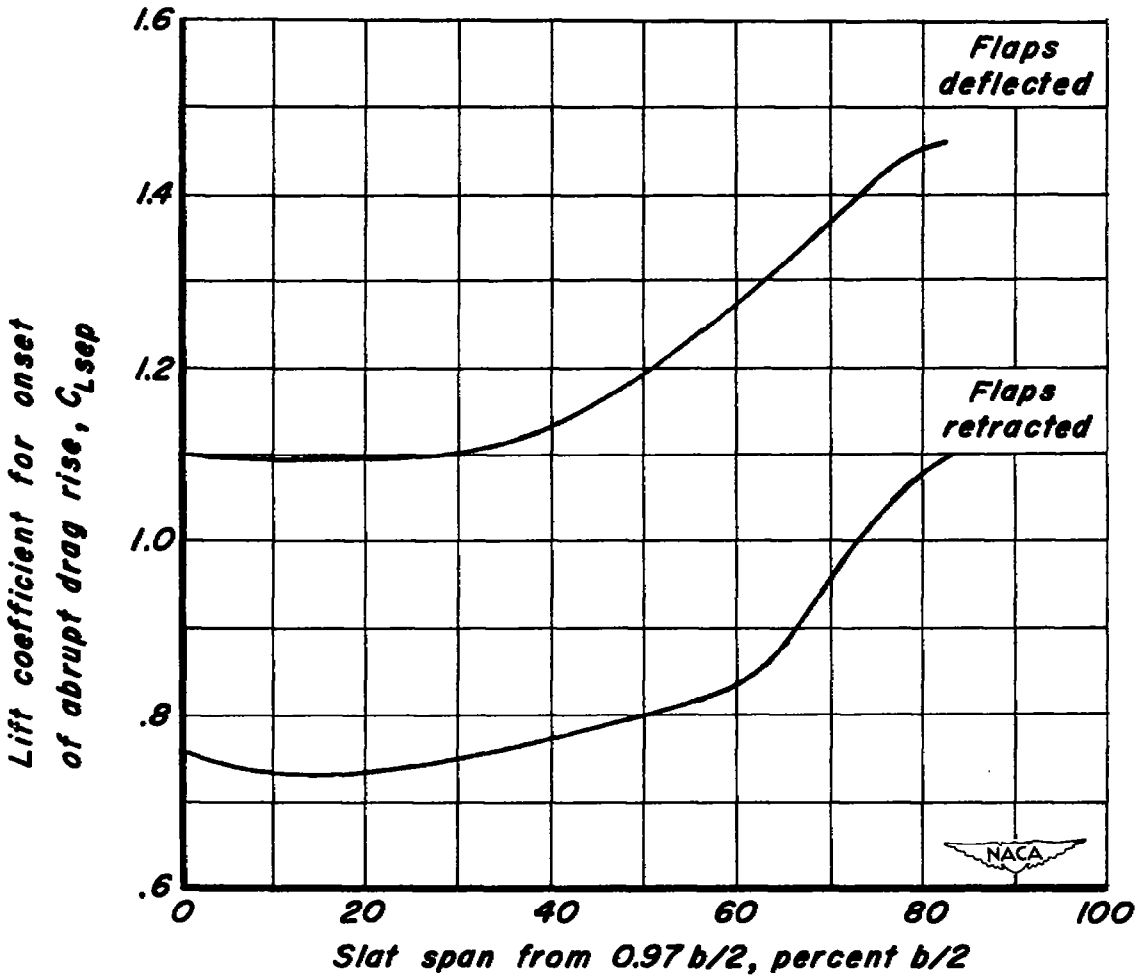


Figure 26.—Variation of lift coefficient for onset of abrupt drag rise with slat span, with and without flaps deflected.

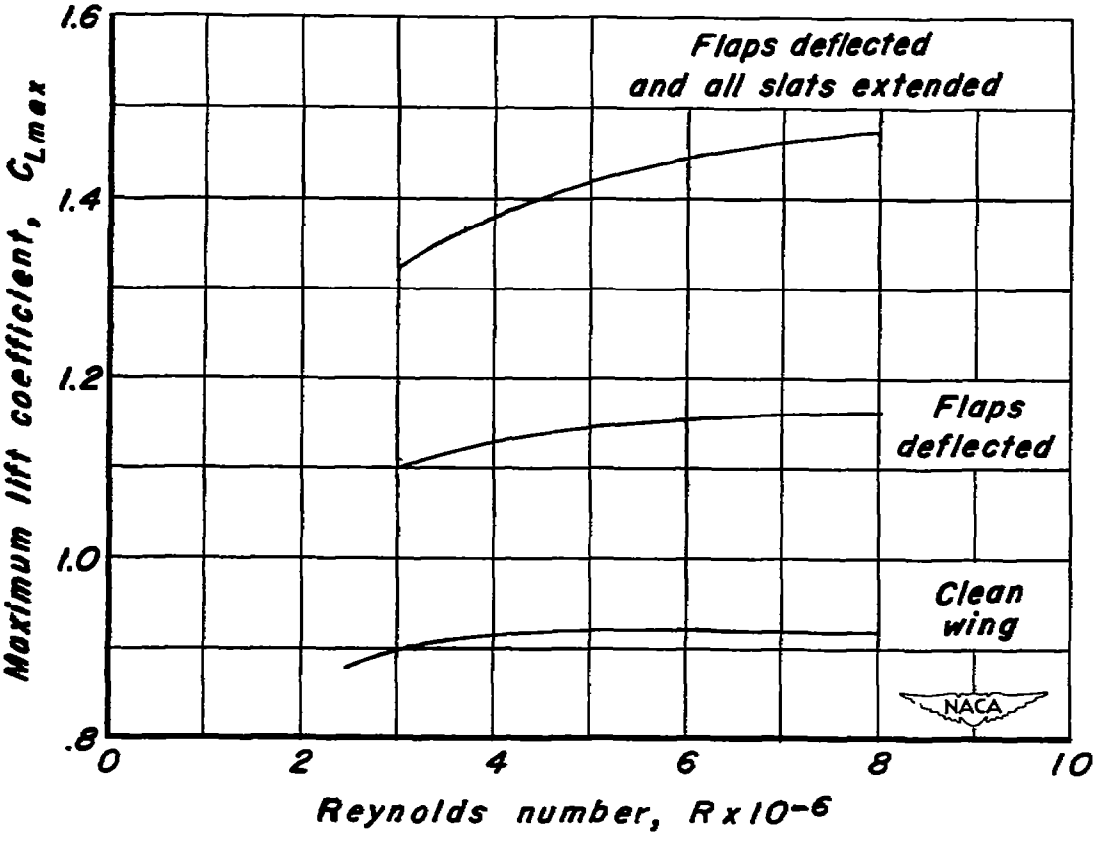


Figure 27.— Variation of maximum lift coefficient with Reynolds number for several configurations.

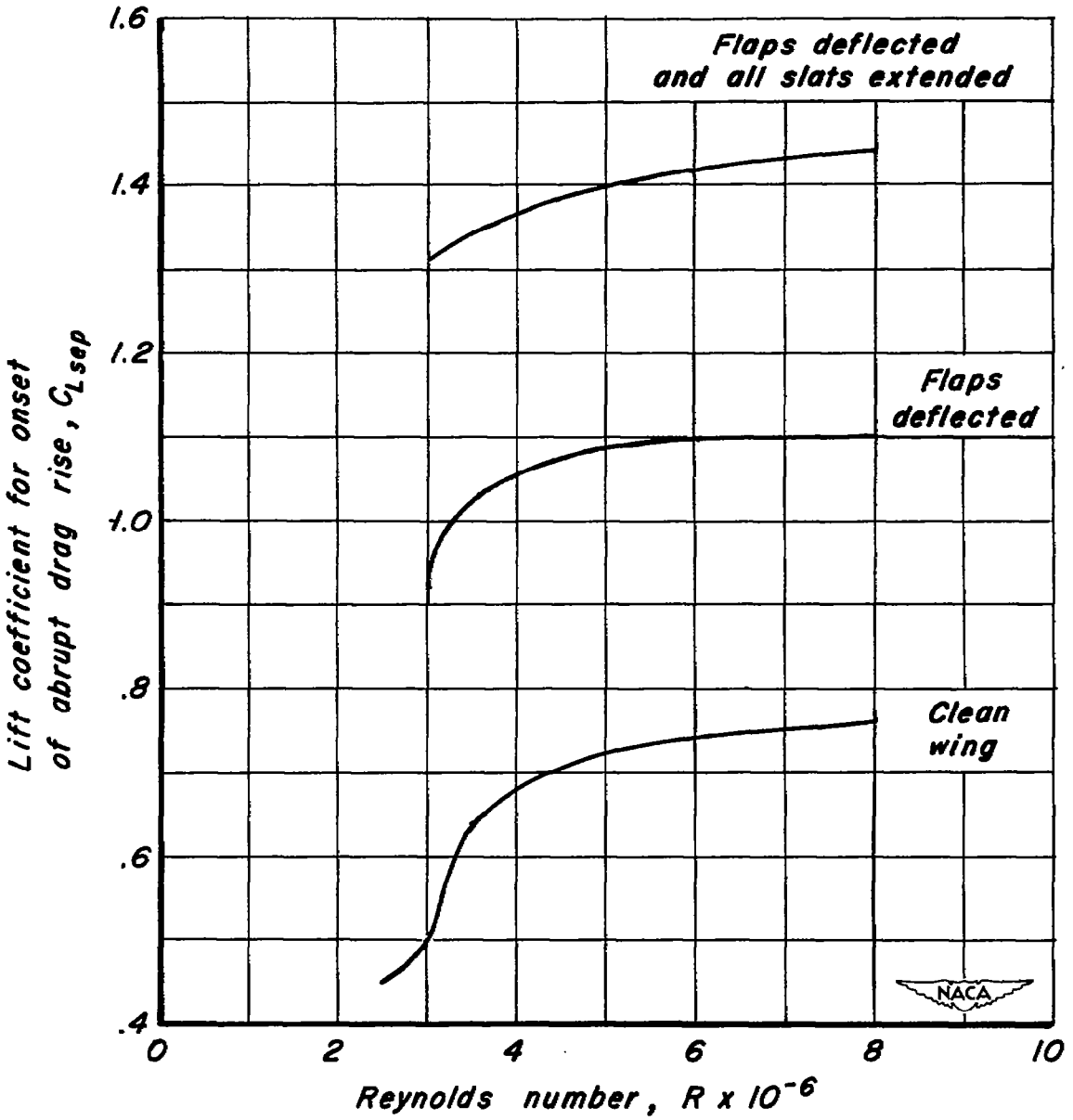


Figure 28.— Variation of lift coefficient for onset of abrupt drag rise, $C_{L\,sep}$, with Reynolds number, for several configurations.

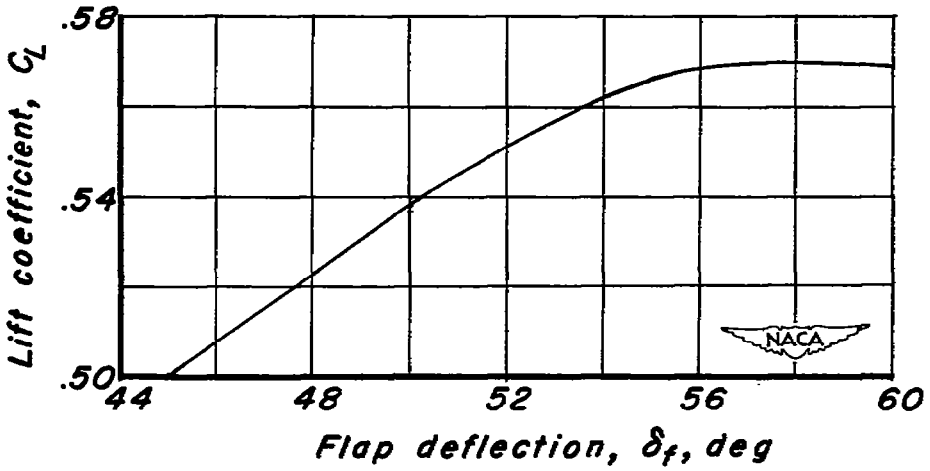


Figure 29.- Variation of lift coefficient with flap deflection at α, 0°.

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