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## PRESSURE DISTRIBUTION DATA FROM TESTS OF 2.29-METER (7.5-FT.) SPAN EET HIGH-LIFT RESEARCH MODEL IN LANGLEY 4- BY 7-METER TUNNEL

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FOR REFERENCE

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## SUMMARY

A 2.29 m (7.5 ft.) span high-lift research model equipped with full-span leading-edge slat and part-span double-slotted trailing-edge flap was tested in the Langley 4- by 7-Meter Tunnel to determine the low-speed performance characteristics of a representative high-aspect-ratio supercritical wing. These tests were performed in support of the Energy Efficient Transport (EET) program which is one element of the Aircraft Energy Efficiency (ACEE) project. Static longitudinal forces and moments and chordwise pressure distributions at three spanwise stations were measured for cruise, climb, two take-off flap, and two landing flap wing configurations. This report presents the tabulated and plotted pressure distribution data and is presented without analysis or discussion.

## INTRODUCTION

In recent years, the NASA has been actively involved in an aeronautical research project to improve the energy efficiency of modern wide-body jet transport aircraft. One element of this Aircraft Energy Efficiency (ACEE) project is the Energy Efficient Transport (EET) program which is concerned primarily with the application of advanced aerodynamics to improve fuel efficiency. A part of the EET program has been the development by Langley Research Center personnel of improved supercritical wings with greater section thickness-to-chord ratios, higher aspect ratios, higher cruise lift coefficients, and lower sweeps than those commonly used on conventional transports. These improved wings have been tested extensively in the Langley wind tunnels to determine their high-speed cruise performance (refs. 1 and 2). Because of their high cruise lift coefficients and high aspect ratios, these wings could be smaller and more efficient than currently used wings provided the take-off and landing requirements could be met without seriously compromising the growth potential of the aircraft.

These smaller high-aspect-ratio wings have less wing area available for the high-lift flap system than currently used wings. The reduced flap area further requires the use of flap systems that generate proportionally greater lift than conventional flap systems. One flap system which has currently been under development by several aircraft manufacturers to meet this requirement is a large vane and small aft-flap combination in contrast to the small vane and large aft-flap combinations used on conventional wings. Tests of this new flap combination by the manufacturers have shown that maximum two-dimensional lift coefficients approaching these for conventional triple-slotted flap systems can be achieved.

To determine the three-dimensional performance characteristics of this new flap combination, a representative high-lift, high-aspect-ratio supercritical wing transport model was fabricated and tested in the Langley 4- by 7-Meter Tunnel. This model was equipped with both a part- and full-span large vane/small aft-flap trailing-edge flap system and a full-span leading-edge slat. The model was also equipped with conventionally sized aileron and spoiler control surfaces, interchangeable aspect-ratio-10 and -12 wing tips, flow-through nacelles, landing gear, and movable horizontal tails. The model was tested with wing leading-edge slat and trailing-edge flap deflections representative of cruise,

climb, take-off, and landing configurations. The results of these tests are presented in references 3 and 4. This model had a 3.66 m (12 ft.) wing span when equipped with the aspect-ratio-12 tips which resulted in a maximum obtainable Reynolds number, based on the reference mean geometric chord, of  $1.63 \times 10^6$  at the design flight conditions of 0.2 Mach number.

From conversations with researchers in industry, who also flight test full-scale aircraft, the positioning of the slat, vane, and aft-flap components for optimum performance is greatly affected by Reynolds number. In addition, performance trends evident from wind tunnel tests at low Reynolds number conditions do not always remain the same at high Reynolds number flight test conditions. To determine the effects of Reynolds number on the performance of this new flap combination, a slightly smaller 2.29 m (7.5 ft.) span model was fabricated for tests in the Ames 12-Foot Pressure Tunnel which is capable of obtaining a Reynolds number of  $4.2 \times 10^6$  based on reference mean geometric chord of 20.64 cm (8.13 in.) The geometry definition of this model is 0.625 scale of the larger 3.66 meter (12 ft.) span model. Preliminary tests of this smaller model were performed in the Langley 4-by 7-Meter Tunnel to determine the performance characteristics of the cruise, climb, take-off, and landing wing configurations for comparison with previously obtained data on the larger 3.66 meter model. These tests were performed with the model mounted on both a sting and strut support system to determine strut-tare corrections to be applied to the data obtained during the tests in the Ames tunnel. Another objective of the test in Langley 4-by 7-Meter Tunnel was to check the model integrity at atmospheric conditions prior to the test in the Ames facility under dynamic conditions almost five times greater. The model was instrumented with a six-component strain-gage balance to measure the aerodynamic forces and moments and with chordwise pressure taps at three spanwise stations to determine representative wing and flap loads. This report contains the tabulated and plotted pressure distribution data obtained during these tests.

#### SYMBOLS

The longitudinal aerodynamic characteristics are referred to the stability-axis system and the lateral characteristics to the body-axis system. The data obtained for the aspect-ratio-12 wing configurations were nondimensionalized based on a wing area of  $0.44 \text{ m}^2$  (4.69 ft.<sup>2</sup>), a wing span of 2.29 m (7.5 ft.), and a reference mean geometric chord of 20.64 cm (8.13 in.). Likewise, the data obtained for the aspect-ratio-10 wing configurations were nondimensionalized based on a wing area of  $0.41 \text{ m}^2$  (4.38 ft.<sup>2</sup>), a wing span of 2.02 m (6.62 ft.), and a reference mean geometric chord of 21.34 cm (8.40 in.). All measurements and calculations were made in the U. S. Customary Units; however, results are also given in the International System (SI) of Units. The parenthetic expressions next to a symbol is the computer printout equivalent of that symbol.

A	aspect ratio, $b^2/S$
b	span, m (ft.)
c	local wing chord, cm (in.)
$\bar{c}$	reference mean geometric chord, cm (in.)

$c_a$	local axial-chord force coefficient from integration of pressure distribution data, $c_a = \oint c_p dz/c$
$c_m$	local pitching-moment coefficient from integration of pressure distribution data, $c_m = \oint c_p (xdx/c + zdz/c)$
$c_n$	local normal-force coefficient from integration of pressure distribution data, $c_n = \oint c_p dx/c$
$c_p$ (CP)	local static pressure coefficient, $c_p = (P_\ell - P_\infty)/q$
$C_D$ (CD)	drag coefficient, Drag/qS
$C_L$ (CL)	lift coefficient, Lift/qS
$C_\ell$ (CRM)	rolling-moment coefficient, Rolling-Moment/qSb
$C_m$ (CPM)	pitching-moment coefficient, Pitching-Moment/qS $\bar{c}$
$C_n$ (CYM)	yawing-moment coefficient, Yawing Moment/qSb
$C_Y$ (CSP)	side-force coefficient, Side Force/qS
M (MACH)	free-stream Mach number
p	local static pressure, kPa (lb/ft <sup>2</sup> )
q (Q or QINF)	free-stream dynamic pressure, kPa (lb/ft <sup>2</sup> )
S	wing reference area, m <sup>2</sup> (ft <sup>2</sup> )
x,y,z (X,Y,Z)	coordinates of wing pressure taps in wing-reference axis systems, cm (in.)
$\alpha$ (ALPHA)	angle of attack of model reference centerline, positive nose up, deg.
$\delta_f$	equivalent flap deflection angle, positive trailing edge down, deg. ( $\delta_f = \delta_{\text{vane}} + \delta_{\text{aft-flap}}$ )
$\delta_s$	slat deflection angle, positive trailing edge down, deg.



## Subscripts:

CORR	corrected
i	inboard
ℓ	local
o	outboard
∞	free-stream

## Notation:

TAP ID	tap identification number
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## MODEL DESCRIPTION

The model tested during this investigation was a 2.29 m (7.5 ft.) span, 0.036-scale model of a typical long-range wide-body jet transport with a NASA-Langley developed aspect-ratio-12 supercritical wing equipped with an advanced high-lift flap system. This flap system consisted of a full-span leading-edge slat and a part-span double-slotted, trailing-edge flap with a large vane and small aft-flap combination. The model was also equipped with conventionally-sized high- and low-speed aileron control surfaces, flight and ground spoilers, interchangeable aspect-ratio-10 and -12 wing tips, two wing mounted flow through nacelles, landing gear, and remotely-controlled horizontal tails. A drawing showing the control and flap system layout is presented in figure 1. The cruise wing, fuselage, and empennage dimensions are similar to those of the SCW-2a supercritical wing tested in the Langley 8-Foot Transonic Wind Tunnel and reported in reference 1. The model components and detailed geometry definitions of this model are a 0.625-scale of the larger 3.66 m (12 ft.) span high-lift model described in reference 5. The primary difference between the two models is that this smaller model was fabricated of high-alloy steel rather than aluminum due to the anticipated high dynamic pressures encountered in the Ames 12-Foot Pressure Tunnel.

The deflections, gaps, and overlaps of the slat, vane, and aft-flap components are defined in reference 5 and illustrated in figure 2. The values of the deflection, gap, and overlap for each component combination tested during this investigation are listed in table 1. The inboard slat segment is defined as that portion of the leading-edge slat between the side-of-body and nacelle centerline stations. Likewise, the outboard slat segment is defined as that portion of the slat between the nacelle centerline and the wing tip stations.

The model was instrumented with chordwise pressure taps at three streamwise stations labeled A, B, and C as shown in figure 3. Station A had 66 pressure taps, station B had 64, and station C had 44 for a total of 174 pressure taps. The tap identification numbers and wing coordinates for each pressure tap at station A, B, and C are given in table 2, 3, and 4, respectively. At each of the three stations, several component combinations were possible as illustrated in figure 4. The labeled components presented in figure 4 are further described

in table 5. All combinations presented in figure 4 were possible at stations A and B; however, only combinations using components A, E, and F were possible at station C.

#### TEST PROCEDURES, INSTRUMENTATION, AND CORRECTIONS

The model was tested in the cruise, climb, 15° take-off flap, 30° take-off flap, 45° landing flap, and 60° landing flap wing configurations. Although the original SCW-2a wing had an aspect-ratio-12 planform, the high-lift flap system for this model was properly sized and designed for the shorter span aspect-ratio-10 planform because it was felt that this version would be of greater general interest. Therefore, unless otherwise stated, the aspect-ratio-10 wing tips were installed on the model. Also, unless otherwise stated, the nacelles were on for all six wing configurations; the gear was off for the cruise and climb wing configurations and gear on for take-off and landing wing configurations; and the outboard slat was deflected -50° for the climb, take-off, and landing wing configurations. The combinations of test variable and possible wing configurations were quite numerous for this high-lift research model; however, because this investigation was a predecessor to more thorough tests in the Ames 12-Foot Pressure Tunnel, only a limited number of wing configurations and test variable combinations were tested and are listed in table 6.

This investigation was conducted in the Langley 4- by 7-Meter Tunnel, which has a test section of 4.42 m (14.50 ft.) by 6.63 m (21.75 ft.). The wind-tunnel tests were conducted at a free-stream dynamic pressure of 2.87 kPa (60.0 lb/ft<sup>2</sup>) with a corresponding Reynolds number of 1.45 million per foot and a free-stream Mach number of 0.20. The model was initially tested mounted on the same strut-support apparatus to be used during the tests in the Ames facility. The strut-support apparatus was mounted to the tunnel sting-support carriage just below the floor of the test section and extensions were added to the upper main and pitch strut supports to position the model on the tunnel centerline. The aerodynamic forces and moments were measured by a six-component strain-gage balance. The angle of attack could be varied from -6° to 30° and was measured by an electronic inclinometer mounted inside the forward portion of the fuselage. The wing surface static pressure were measured by either 17.24 or 34.47 kPa (2.5 or 5.0 lb/in<sup>2</sup>) differential pressure transducers and four 48-port scanning valves. Fuselage chamber pressure was measured by a 6.89 kPa (1.0 lb/in<sup>2</sup>) differential pressure transducer.

Each of the six wing configurations was also tested with the model mounted to an aft-mounted sting support system to determine the interference tares of the strut support systems. Of course, the proper way to determine the strut interference tares is to test the model both erect and inverted with an image dummy strut support system. It was believed, however, that an aft-mounted sting support system would produce test results with minimum support system interference and that strut tares could be determined by taking the differences between the two sets of test data.

Wind-tunnel jet-boundary corrections were determined according to reference 6 and were applied to the force and moment data. These corrections were applied as follows:

$$C_{D,CORR} = C_D + J_1 (C_L)^2$$

$$C_{m,CORR} = C_m + J_3 C_L \text{ (for tail-on data only)}$$

$$\alpha_{CORR} = \alpha + J_2 C_L$$

where  $J_1 = 0.0019$ ,  $J_2 = 0.1066$ , and  $J_3 = 0.0024$ . Wing, body, and wake solid-blockage corrections were computed according to reference 7 and applied to the data. The solid-blockage corrections for the strut support system was estimated to be one-fourth the frontal area of the strut divided by the cross-sectional area of the tunnel test section. The value of these blockage corrections were as follows:

$$\begin{aligned} k_w &= 0.00005 \text{ (wing)} \\ k_b &= 0.00029 \text{ (body)} \\ k_d &= 0.00372 \text{ (wake)} \\ k_s &= 0.00169 \text{ (strut)} \end{aligned}$$

Drag corrections due to model chamber pressures were computed and were found to be negligible. The model with the cruise wing configuration was tested in both the erect and inverted positions during the sting-mounted test phase to determine the tunnel flow angularity. The flow angle correction was found to be equal to  $0.15^\circ$  up-flow and was applied to the measured angle of attack prior to applying jet-boundary corrections. No strut tare corrections have been applied to the tabulated force and moment data.

#### PRESENTATION OF RESULTS

This report presents the tabulated and plotted pressure distribution data for 23 runs which are representative of the wing configurations tested. These wing configurations were tested with the landing gear and horizontal tails removed. The configurations and their corresponding run numbers are summarized as follows:

<u>Configuration</u>	<u>Run</u>
Cruise	
A=10, nacelles off/on	2,3
A=12, nacelles off	1
Climb	
A=10, $\delta_{s_j} = -30^\circ, -40^\circ, -50^\circ$	21, 20, 13
A=10, nacelles off, $\delta_{s_j} = -50^\circ$	12
15° Take-off Flap	
A=10, $\delta_{s_j} = -30^\circ, -40^\circ, -50^\circ$	59, 60, 61
A=12, $\delta_{s_j} = -50^\circ$	70
30° Take-off Flap	
A=10, $\delta_{s_j} = -30^\circ, -40^\circ, -50^\circ$	58, 57, 48
A=12, $\delta_{s_j} = -50^\circ$	47

45° Landing Flap		
A=10, $\delta_{s_j}$ = -30°, -40°, -50°		35, 36, 37
A=12, $\delta_{s_j}$ = -50°		46
60° Landing Flap		
A=10, $\delta_{s_j}$ = -30°, -40°, -50°		22, 23, 25
A=12, $\delta_{s_j}$ = -50°		34

Table 7 is a figure-and-table index relating the run number with its corresponding tabulated and plotted pressure distributions, sectional chord-force and pitching-moment coefficients, and tabulated longitudinal stability-axis and lateral body-axis force and moment coefficients. In each of the tabulated pressure distribution tables, the component letter designation is listed adjacent to each tap identification number and the pressures for each component are listed starting with the tap at the lower surface trailing edge proceeding clockwise to the tap at the upper surface trailing edge. The integrated local chord-force and pitching-moment coefficients were computed by integration of the component pressure distributions with respect to the longest-chordline component coordinates.

#### REFERENCES

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Table 1 - Summary of the Deflections, Gap, and Overlap Values of the Configuration - Component Combinations

Configuration	Component	Deflection, deg	Gap/c	Overlap/c
Climb	Inboard Slat	-30, -40, -50	.02	.02
	Outboard Slat	-50	.02	.02
	Vane	Nested	---	---
	Aft-Flap	Nested	---	---
15° Take-Off Flap	Inboard Slat	-30, -40, -50	.02	.02
	Outboard Slat	-50	.02	.02
	Vane	7.5	.015	.045
	Aft-Flap	7.5	.01	.01
30° Take-Off Flap	Inboard Slat	-30, -40, -50	.02	.02
	Outboard Slat	-50	.02	.02
	Vane	15	.015	.04
	Aft-Flap	15	.01	.01
45° Landing Flap	Inboard Slat	-30, -40, -50	.02	.02
	Outboard Slat	-50	.02	.02
	Vane	22.5	.02	.03
	Aft-Flap	22.5	.01	.01
60° Landing Flap	Inboard Slat	-30, -40, -50	.02	.02
	Outboard Slat	-50	.02	.02
	Vane	30	.02	.03
	Aft-Flap	30	.01	.005

Table 2. - Coordinates of Pressure Taps for Station A

TAP ID	Y, CM (IN)	X, CM (IN)	Z, CM (IN)
101	26.861 (10.575)	0.000 ( 0.000)	-.074 ( -.029)
102	26.861 (10.575)	.117 ( .046)	.351 ( .138)
103	26.861 (10.575)	.478 ( .188)	.724 ( .285)
104	26.861 (10.575)	.958 ( .377)	.965 ( .380)
105	26.861 (10.575)	1.679 ( .661)	1.179 ( .464)
106	26.861 (10.575)	2.400 ( .945)	1.323 ( .521)
107	26.861 (10.575)	3.363 ( 1.324)	1.455 ( .573)
108	26.543 (10.450)	.124 ( .049)	-.511 ( -.201)
109	26.543 (10.450)	.490 ( .193)	-.879 ( -.346)
110	26.543 (10.450)	.975 ( .384)	-1.123 ( -.442)
111	26.543 (10.450)	.970 ( .382)	-.422 ( -.166)
112	26.543 (10.450)	1.209 ( .476)	.084 ( .033)
113	26.543 (10.450)	1.692 ( .666)	.612 ( .241)
114	26.543 (10.450)	2.413 ( .950)	1.072 ( .422)
115	26.861 (10.575)	.919 ( .362)	-.721 ( -.284)
116	26.861 (10.575)	1.062 ( .418)	-.163 ( -.064)
117	26.861 (10.575)	1.562 ( .615)	.505 ( .199)
118	26.861 (10.575)	2.162 ( .851)	.940 ( .370)
119	26.861 (10.575)	3.005 ( 1.183)	1.293 ( .509)
120	26.861 (10.575)	4.206 ( 1.656)	1.539 ( .606)
121	26.861 (10.575)	5.705 ( 2.246)	1.621 ( .639)
122	26.861 (10.575)	8.410 ( 3.311)	1.656 ( .652)
123	26.861 (10.575)	11.115 ( 4.376)	1.585 ( .624)
124	26.861 (10.575)	13.820 ( 5.441)	1.430 ( .563)
125	26.861 (10.575)	17.429 ( 6.862)	1.095 ( .431)
126	26.861 (10.575)	21.039 ( 8.283)	.625 ( .246)
127	26.861 (10.575)	23.175 ( 9.124)	.274 ( .103)
128	26.861 (10.575)	24.773 ( 9.753)	-.028 ( -.011)
129	26.861 (10.575)	26.373 (10.383)	-.348 ( -.137)
130	26.543 (10.450)	1.097 ( .432)	-1.140 ( -.449)
131	26.543 (10.450)	1.582 ( .623)	-1.331 ( -.524)
132	26.543 (10.450)	2.431 ( .957)	-1.547 ( -.609)
133	26.543 (10.450)	4.369 ( 1.720)	-1.887 ( -.743)
134	26.543 (10.450)	7.579 ( 2.984)	-2.162 ( -.851)
135	26.543 (10.450)	11.204 ( 4.411)	-2.215 ( -.872)
136	26.543 (10.450)	14.829 ( 5.838)	-2.024 ( -.797)
137	26.543 (10.450)	18.451 ( 7.264)	-1.509 ( -.594)
138	26.543 (10.450)	21.163 ( 8.332)	-1.072 ( -.422)
139	26.543 (10.450)	22.230 ( 8.752)	-.922 ( -.363)
140	26.543 (10.450)	22.220 ( 8.748)	.102 ( .040)
141	26.543 (10.450)	23.823 ( 9.379)	-.015 ( -.006)
142	26.543 (10.450)	24.892 ( 9.800)	-.166 ( -.066)
143	26.543 (10.450)	25.961 (10.221)	-.318 ( -.125)
144	26.861 (10.575)	22.123 ( 8.710)	-.765 ( -.301)
145	26.861 (10.575)	22.228 ( 8.751)	-.544 ( -.214)
146	26.861 (10.575)	22.438 ( 8.834)	-.386 ( -.152)
147	26.861 (10.575)	22.969 ( 9.043)	-.216 ( -.085)
148	26.861 (10.575)	23.607 ( 9.294)	-.165 ( -.065)
149	26.861 (10.575)	24.455 ( 9.628)	-.198 ( -.078)
150	26.861 (10.575)	25.572 (10.048)	-.290 ( -.114)
151	26.861 (10.575)	26.373 (10.383)	-.371 ( -.146)
152	26.543 (10.450)	22.443 ( 8.836)	-.897 ( -.353)
153	26.543 (10.450)	23.084 ( 9.088)	-.823 ( -.324)
154	26.543 (10.450)	24.150 ( 9.508)	-.734 ( -.289)
155	26.543 (10.450)	25.433 (10.013)	-.688 ( -.271)
156	26.543 (10.450)	26.071 (10.264)	-.699 ( -.275)
157	26.543 (10.450)	26.284 (10.348)	-.452 ( -.178)
158	26.861 (10.575)	25.949 (10.216)	-.610 ( -.240)
159	26.861 (10.575)	26.055 (10.258)	-.485 ( -.191)
160	26.861 (10.575)	26.584 (10.466)	-.417 ( -.164)
161	26.861 (10.575)	27.117 (10.676)	-.505 ( -.199)
162	26.861 (10.575)	27.864 (10.970)	-.671 ( -.264)
163	26.543 (10.450)	26.157 (10.298)	-.699 ( -.275)
164	26.543 (10.450)	26.713 (10.517)	-.734 ( -.289)
165	26.543 (10.450)	27.559 (10.854)	-.820 ( -.323)
166	26.543 (10.450)	28.629 (11.275)	-.917 ( -.361)

Table 3. - Coordinates of Pressure Taps for Station B

TAP ID	Y, CM (IN)	X, CM (IN)	Z, CM (IN)
201	62.865 (24.750)	0.000 ( 0.000)	-.112 ( -.044)
202	62.865 (24.750)	.089 ( .035)	.137 ( .054)
203	62.865 (24.750)	.358 ( .141)	.338 ( .133)
204	62.865 (24.750)	.719 ( .283)	.472 ( .186)
205	62.865 (24.750)	1.260 ( .496)	.599 ( .236)
206	62.865 (24.750)	1.803 ( .710)	.693 ( .273)
207	62.865 (24.750)	2.525 ( .994)	.787 ( .310)
208	62.548 (24.625)	.094 ( .037)	-.358 ( -.141)
209	62.548 (24.625)	.366 ( .144)	-.549 ( -.216)
210	62.548 (24.625)	.732 ( .288)	-.671 ( -.264)
211	62.548 (24.625)	.726 ( .286)	-.287 ( -.113)
212	62.548 (24.625)	.907 ( .357)	-.008 ( -.003)
213	62.548 (24.625)	1.267 ( .499)	.290 ( .114)
214	62.548 (24.625)	1.808 ( .712)	.556 ( .219)
215	62.865 (24.750)	.691 ( .272)	-.455 ( -.179)
216	62.865 (24.750)	.798 ( .314)	-.145 ( -.057)
217	62.865 (24.750)	1.173 ( .462)	.229 ( .090)
218	62.865 (24.750)	1.623 ( .639)	.480 ( .189)
219	62.865 (24.750)	2.256 ( .888)	.688 ( .271)
220	62.865 (24.750)	3.160 ( 1.244)	.853 ( .336)
221	62.865 (24.750)	4.061 ( 1.599)	.922 ( .363)
222	62.865 (24.750)	5.420 ( 2.134)	.993 ( .391)
223	62.865 (24.750)	6.777 ( 2.668)	1.031 ( .406)
224	62.865 (24.750)	8.136 ( 3.203)	1.039 ( .409)
225	62.865 (24.750)	9.944 ( 3.915)	1.006 ( .396)
226	62.865 (24.750)	11.755 ( 4.628)	.925 ( .364)
227	62.865 (24.750)	13.566 ( 5.341)	.777 ( .306)
228	62.865 (24.750)	14.925 ( 5.876)	.610 ( .240)
229	62.865 (24.750)	16.284 ( 6.411)	.376 ( .148)
230	62.548 (24.625)	.823 ( .324)	-.678 ( -.267)
231	62.548 (24.625)	1.186 ( .467)	-.772 ( -.304)
232	62.548 (24.625)	1.821 ( .717)	-.869 ( -.342)
233	62.548 (24.625)	3.274 ( 1.289)	-1.006 ( -.396)
234	62.548 (24.625)	4.999 ( 1.968)	-1.082 ( -.426)
235	62.548 (24.625)	6.815 ( 2.683)	-1.090 ( -.429)
236	62.548 (24.625)	8.628 ( 3.397)	-1.024 ( -.403)
237	62.548 (24.625)	10.439 ( 4.110)	-.836 ( -.329)
238	62.548 (24.625)	11.798 ( 4.645)	-.607 ( -.239)
239	62.548 (24.625)	12.705 ( 5.002)	-.434 ( -.171)
240	62.548 (24.625)	12.697 ( 4.999)	.528 ( .208)
241	62.548 (24.625)	14.056 ( 5.534)	.546 ( .215)
242	62.548 (24.625)	14.966 ( 5.892)	.480 ( .189)
243	62.865 (24.750)	12.670 ( 4.988)	-.287 ( -.113)
244	62.865 (24.750)	12.758 ( 5.023)	-.074 ( -.029)
245	62.865 (24.750)	12.939 ( 5.094)	.091 ( .036)
246	62.865 (24.750)	13.388 ( 5.271)	.290 ( .114)
247	62.865 (24.750)	13.929 ( 5.484)	.391 ( .154)
248	62.865 (24.750)	14.653 ( 5.769)	.429 ( .169)
249	62.865 (24.750)	15.560 ( 6.126)	.404 ( .159)
250	62.865 (24.750)	16.284 ( 6.411)	.356 ( .140)
251	62.548 (24.625)	12.885 ( 5.073)	-.396 ( -.156)
252	62.548 (24.625)	13.429 ( 5.287)	-.290 ( -.114)
253	62.548 (24.625)	14.336 ( 5.644)	-.117 ( -.046)
254	62.548 (24.625)	15.423 ( 6.072)	.036 ( .014)
255	62.548 (24.625)	15.966 ( 6.286)	.069 ( .027)
256	62.865 (24.750)	15.923 ( 6.269)	.142 ( .056)
257	62.865 (24.750)	16.012 ( 6.304)	.254 ( .100)
258	62.865 (24.750)	16.467 ( 6.483)	.320 ( .126)
259	62.865 (24.750)	16.919 ( 6.661)	.241 ( .095)
260	62.865 (24.750)	17.554 ( 6.911)	.086 ( .034)
261	62.548 (24.625)	16.038 ( 6.314)	.074 ( .029)
262	62.548 (24.625)	16.513 ( 6.501)	.071 ( .028)
263	62.548 (24.625)	17.236 ( 6.786)	.010 ( .004)
264	62.548 (24.625)	18.146 ( 7.144)	-.130 ( -.051)



Table 4. - Coordinates of Pressure Taps for Station C

TAP ID	Y, CM (IN)	X, CM (IN)	Z, CM (IN)
301	91.440 (36.000)	0.000 ( 0.000)	-.142 ( -.056)
302	91.440 (36.000)	.066 ( .026)	.036 ( .014)
303	91.440 (36.000)	.264 ( .104)	.173 ( .068)
304	91.440 (36.000)	.531 ( .209)	.269 ( .106)
305	91.440 (36.000)	.930 ( .366)	.363 ( .143)
307	91.440 (36.000)	1.862 ( .733)	.500 ( .197)
308	91.123 (35.875)	.069 ( .027)	-.312 ( -.123)
309	91.123 (35.875)	.269 ( .106)	-.442 ( -.174)
310	91.123 (35.875)	.541 ( .213)	-.526 ( -.207)
311	91.123 (35.875)	.511 ( .201)	-.376 ( -.148)
312	91.123 (35.875)	.935 ( .368)	.147 ( .058)
313	91.123 (35.875)	1.334 ( .525)	.335 ( .132)
314	91.440 (36.000)	.511 ( .201)	-.373 ( -.147)
315	91.440 (36.000)	.587 ( .231)	-.160 ( -.063)
316	91.440 (36.000)	.866 ( .341)	.104 ( .041)
317	91.440 (36.000)	1.196 ( .471)	.282 ( .111)
318	91.440 (36.000)	1.661 ( .654)	.429 ( .169)
319	91.440 (36.000)	2.327 ( .916)	.554 ( .218)
320	91.440 (36.000)	2.995 ( 1.179)	.605 ( .238)
321	91.440 (36.000)	3.993 ( 1.572)	.663 ( .261)
322	91.440 (36.000)	4.994 ( 1.966)	.701 ( .276)
323	91.440 (36.000)	5.992 ( 2.359)	.716 ( .282)
324	91.440 (36.000)	7.325 ( 2.884)	.706 ( .278)
325	91.440 (36.000)	8.659 ( 3.409)	.665 ( .262)
326	91.440 (36.000)	9.662 ( 3.804)	.607 ( .239)
327	91.440 (36.000)	10.663 ( 4.198)	.516 ( .203)
328	91.440 (36.000)	11.996 ( 4.723)	.318 ( .125)
329	91.440 (36.000)	12.664 ( 4.986)	.180 ( .071)
330	91.440 (36.000)	13.066 ( 5.144)	.084 ( .033)
331	91.123 (35.875)	.607 ( .239)	-.528 ( -.208)
332	91.123 (35.875)	.874 ( .344)	-.592 ( -.233)
333	91.123 (35.875)	1.344 ( .529)	-.655 ( -.258)
334	91.123 (35.875)	2.416 ( .951)	-.739 ( -.291)
335	91.123 (35.875)	3.686 ( 1.451)	-.780 ( -.307)
336	91.123 (35.875)	5.024 ( 1.978)	-.772 ( -.304)
337	91.123 (35.875)	6.363 ( 2.505)	-.714 ( -.281)
338	91.123 (35.875)	7.699 ( 3.031)	-.569 ( -.224)
339	91.123 (35.875)	8.702 ( 3.426)	-.399 ( -.157)
340	91.123 (35.875)	9.703 ( 3.820)	-.201 ( -.079)
341	91.123 (35.875)	10.371 ( 4.083)	-.071 ( -.028)
342	91.123 (35.875)	11.039 ( 4.346)	.038 ( .015)
343	91.123 (35.875)	11.641 ( 4.583)	.097 ( .038)
344	91.123 (35.875)	12.042 ( 4.741)	.109 ( .043)
345	91.123 (35.875)	12.710 ( 5.004)	.066 ( .026)

Table 5 - Summary of Component Designation

Component Label	Component Description
A	Slat
B	Main
C	Vane
D	Aft-Flap
E	Main with vane and aft-flap nested
F	Main with slat, vane, and aft-flap nested (cruise wing)
G	Main with slat nested

Table 6 - Summary of 4- by 7-Meter Tunnel Tests of 2.29 Meter (7.5 Ft.) Span  
EET High-Lift Research Model

Test Variable	Wing Configuration					
	Cruise	Climb	Take-Off		Landing	
			$\delta_f = 15^\circ$	$\delta_f = 30^\circ$	$\delta_f = 45^\circ$	$\delta_f = 60^\circ$
Aspect Ratio 10/12	X	--	X	X	X	X
Nacelles On/Off	X	X	X	X	X	X
Gear On/Off	--	--	X	X	X	X
Inboard Slat Deflection	--	X	X	X	X	X
Horizontal Tail Incidence	X	X	X	X	X	X

Table 7 - Index of  $c_p$  Table and Figures (Test 218, Langley 4- By 7-Meter Tunnel)

Run No.	Plotted $c_p$ Figure No.	Tabulated $c_p$ Table No.	Integrated Local Chord-Force and Pitching Moment Coef. Table No.			Aerodynamic Performance Data Table No.
			$c_n$	$c_a$	$c_m$	
2	6 (a-h)	8 - 15	16	17	18	19
3	7 (a-h)	20 - 27	28	29	30	31
1	8 (a-h)	32 - 39	40	41	42	43
21	9 (a-i)	44 - 52	53	54	55	56
20	10 (a-i)	57 - 65	66	67	68	69
13	11 (a-i)	70 - 78	79	80	81	82
12	12 (a-f)	83 - 88	89	90	91	92
59	13 (a-j)	93 - 102	103	104	105	106
60	14 (a-j)	107 - 116	117	118	119	120
61	15 (a-j)	121 - 130	131	132	133	134
70	16 (a-j)	135 - 144	145	146	147	148
58	17 (a-j)	149 - 158	159	160	161	162
57	18 (a-k)	163 - 173	174	175	176	177
48	19 (a-j)	178 - 187	188	189	190	191
47	20 (a-j)	192 - 201	202	203	204	205
35	21 (a-j)	206 - 215	216	217	218	219
36	22 (a-j)	220 - 229	230	231	232	233
37	23 (a-j)	234 - 243	244	245	246	247
46	24 (a-i)	248 - 256	257	258	259	260
22	25 (a-j)	261 - 270	271	272	273	274
23	26 (a-i)	275 - 283	284	285	286	287
25	27 (a-i)	288 - 296	297	298	299	300
34	28 (a-i)	301 - 309	310	311	312	313



TABLE 9 .- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = -.009 DEGREES AND QINF = 2.89 KN/SQM ( 60.36 LB/SQFT )

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*****
*          WING STATION A          *          WING STATION B          *          WING STATION C          *
* TAP ID   CP   TAP ID   CP   * TAP ID   CP   TAP ID   CP   * TAP ID   CP   TAP ID   CP   *
* 166F     .0533 * 264F     -.0014 * 345F     .3067 *
* 165F     .2530 * 263F     .3159 * 344F     .3238 *
* 164F     .2913 * 262F     .3323 * 343F     .3079 *
* 156F     .2995 * 255F     .3077 * 342F     .2798 *
* 155F     .2885 * 254F     .3049 * 341F     .2076 *
* 154F     .2721 * 253F     .2420 * 340F     .0963 *
* 153F     .2306 * 252F     .1573 * 339F     -.0052 *
* 139F     .2120 * 239F     .0989 * 338F     -.1410 *
* 138F     .1600 * 238F     -.0205 * 337F     -.2450 *
* 137F     .0260 * 237F     -.1251 * 336F     -.2059 *
* 136F     -.1819 * 236F     -.2022 * 335F     -.1863 *
* 135F     -.2612 * 235F     -.2083 * 334F     -.2450 *
* 134F     -.2448 * 234F     -.2046 * 333F     -.2242 *
* 133F     -.2257 * 233F     -.1435 * 332F     -.2426 *
* 132F     -.1163 * 232F     -.1533 * 310F     -.2417 *
* 131F     -.0752 * 231F     -.1569 * 309F     .0572 *
* 110F     -.0367 * 210F     -.1477 * 308F     .3476 *
* 109F     .2195 * 209F     .0060 * 301F     .7746 *
* 108F     .6123 * 208F     .4928 * 302F     .4159 *
* 101F     .6465 * 201F     .6635 * 303F     -.3954 *
* 102F     .2280 * 203F     -.6430 * 304F     -.4637 *
* 103F     -.6857 * 204F     -.6089 * 305F     -.4552 *
* 104F     -.8907 * 205F     -.5918 * 307F     -.4039 *
* 105F     -.9078 * 206F     -.5405 * 319F     -.4039 *
* 106F     -.8138 * 207F     -.5149 * 320F     -.4039 *
* 107F     -.7199 * 220F     -.6089 * 321F     -.3477 *
* 120F     -.6480 * 222F     -.4363 * 322F     -.3771 *
* 121F     -.5713 * 223F     -.4731 * 323F     -.3563 *
* 122F     -.5144 * 224F     -.4452 * 324F     -.3612 *
* 123F     -.4653 * 225F     -.3659 * 325F     -.4003 *
* 124F     -.4329 * 226F     -.4519 * 326F     -.3893 *
* 125F     -.3313 * 227F     -.4028 * 327F     -.3196 *
* 126F     -.3179 * 228F     -.3570 * 328F     -.2328 *
* 127F     -.2520 * 229F     -.2554 * 329F     -.1337 *
* 128F     -.1850 * 259F     -.1739 * 330F     -.0236 *
* 129F     -.1169 * 260F     -.0857 *
* 161F     -.0734 *
* 162F     -.0332 *
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TABLE II.- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = 8.049 DEGREES AND QINF = 2.89 KN/SQM ( 60.32 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 166F	.0116	* 264F	-.1499	* 345F	.2780						
* 165F	.2552	* 263F	.3127	* 344F	.3062						
* 164F	.3099	* 262F	.3565	* 343F	.3050						
* 156F	.3483	* 255F	.3291	* 342F	.2878						
* 155F	.3483	* 254F	.3455	* 341F	.2303						
* 154F	.3401	* 253F	.2963	* 340F	.1348						
* 153F	.3099	* 252F	.2306	* 339F	.0563						
* 139F	.2935	* 239F	.1813	* 338F	-.0096						
* 138F	.2443	* 238F	.0582	* 337F	-.0316						
* 137F	.1621	* 237F	-.0451	* 336F	.0651						
* 136F	.0198	* 236F	.0369	* 335F	.1618						
* 135F	.0362	* 235F	.1006	* 334F	.2193						
* 134F	.1184	* 234F	.1890	* 333F	.3907						
* 133F	.2652	* 233F	.2119	* 332F	.5033						
* 132F	.4194	* 232F	.4555	* 310F	.6377						
* 131F	.5453	* 231F	.5486	* 309F	.7659						
* 110F	.6462	* 210F	.7146	* 308F	.4839						
* 109F	.6890	* 209F	.7744	* 301F	-1.2509						
* 108F	.2386	* 208F	.3044	* 302F	-2.5413						
* 101F	-1.0629	* 201F	-1.5927	* 303F	-3.0455						
* 102F	-2.3789	* 203F	-3.6779	* 304F	-2.7037						
* 103F	-3.3104	* 204F	-2.5413	* 305F	-1.6013						
* 104F	-3.6370	* 205F	-1.9175	* 307F	-1.0715						
* 105F	-2.2935	* 206F	-1.6355	* 319F	-1.0885						
* 106F	-1.8491	* 207F	-1.3449	* 320F	-.8920						
* 107F	-1.5756	* 220F	-1.6098	* 321F	-.7600						
* 120F	-1.7978	* 222F	-.8842	* 322F	-.6975						
* 121F	-1.1970	* 223F	-.8115	* 323F	-.6082						
* 122F	-.9478	* 224F	-.7121	* 324F	-.5201						
* 123F	-.7881	* 225F	-.4585	* 325F	-.4919						
* 124F	-.6808	* 226F	-.5501	* 326F	-.4270						
* 125F	-.5043	* 227F	-.4272	* 327F	-.3132						
* 126F	-.4026	* 228F	-.3155	* 328F	-.1761						
* 127F	-.2998	* 229F	-.1881	* 329F	-.1088						
* 128F	-.2138	* 259F	-.1434	* 330F	-.0684						
* 129F	-.1300	* 250F	-.1177								
* 161F	-.0864										
* 162F	-.0496										



TABLE 12 .- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = 10.021 DEGREES AND QINF = 2.89 KN/SQM ( 60.30 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 166F	-.0052	* 264F	-.2160	* 345F	.2398						
* 165F	.2521	* 263F	.3014	* 344F	.2508						
* 164F	.3069	* 262F	.3616	* 343F	.2459						
* 156F	.3260	* 255F	.3370	* 342F	.2398						
* 155F	.3315	* 254F	.3507	* 341F	.1822						
* 154F	.3315	* 253F	.3041	* 340F	.0549						
* 153F	.3124	* 252F	.2412	* 339F	.0083						
* 139F	.2959	* 239F	.1664	* 338F	-.0455						
* 138F	.2603	* 238F	.0824	* 337F	-.0749						
* 137F	.1782	* 237F	-.0247	* 336F	.0340						
* 136F	.0495	* 236F	.0867	* 335F	.2030						
* 135F	.0851	* 235F	.1589	* 334F	.2544						
* 134F	.1809	* 234F	.2532	* 333F	.3279						
* 133F	.3315	* 233F	.2924	* 332F	.4993						
* 132F	.5095	* 232F	.5434	* 310F	.6460						
* 131F	.6108	* 231F	.6475	* 309F	.7657						
* 110F	.7058	* 210F	.7571	* 308F	.2699						
* 109F	.6545	* 209F	.7058	* 301F	-.7986						
* 108F	-.0806	* 208F	-.1490	* 302F	-2.2433						
* 101F	-1.7646	* 201F	-2.6963	* 303F	-1.8842						
* 102F	-3.3374	* 203F	-4.7820	* 304F	-1.9270						
* 103F	-4.2179	* 204F	-2.9271	* 305F	-1.3457						
* 104F	-3.6964	* 205F	-2.2262	* 307F	-.9269						
* 105F	-2.5652	* 206F	-1.8073	* 319F	-.9610						
* 106F	-2.1663	* 207F	-1.4654	* 320F	-.8072						
* 107F	-1.8159	* 220F	-1.7902	* 321F	-.8059						
* 120F	-2.0125	* 222F	-.9619	* 322F	-.7386						
* 121F	-1.3274	* 223F	-.8524	* 323F	-.6578						
* 122F	-1.0290	* 224F	-.7340	* 324F	-.5280						
* 123F	-.8602	* 225F	-.6132	* 325F	-.4692						
* 124F	-.7094	* 226F	-.5071	* 326F	-.4092						
* 125F	-.5127	* 227F	-.3663	* 327F	-.3345						
* 126F	-.3853	* 229F	-.2746	* 328F	-.2231						
* 127F	-.2769	* 229F	-.1953	* 329F	-.2708						
* 128F	-.1866	* 259F	-.1841	* 330F	-.1900						
* 129F	-.1182	* 260F	-.1863								
* 161F	-.0925										
* 162F	-.0746										







TABLE 16 .- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 2

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.134	-.14972	-.27496	-.32942
-.009	.38991	.38770	.28869
4.029	.73228	.74639	.61912
8.049	1.04734	1.04608	.90289
10.021	1.16620	1.16921	.82176
12.086	1.31414	.82530	.60450
14.056	1.31120	.75491	.60780
18.066	1.25780	.78729	.66083

TABLE 17 .- AXIAL-CHOPED FORCE COEFFICIENT FOR RUN 2

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.134	-.00619	-.02931	-.03527
-.009	-.00213	.00072	.01080
4.029	-.05201	-.04021	-.02191
8.049	-.12489	-.11806	-.09025
10.021	-.17686	-.16950	-.05865
12.086	-.17220	.01425	.02052
14.056	-.06877	.02106	.02333
18.066	-.01271	.01719	.01906

TABLE 18 .- PITCHING-MOMENT COEFFICIENT FOR RUN 2

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.134	-.04184	-.01162	-.00454
-.009	-.17964	-.20762	-.17592
4.029	-.26776	-.28769	-.24503
8.049	-.34674	-.34575	-.29879
10.021	-.36678	-.36980	-.28779
12.086	-.44275	-.37066	-.26774
14.056	-.52251	-.34520	-.27770
18.066	-.56143	-.35670	-.29458

TABLE 19 .- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 2 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.89 (60.32)	-6.13	-.2157	.0323	-.1006	.0011	.0019	-.0075
.204	2.88 (60.19)	-4.06	-.0145	.0265	-.1012	-.0006	.0011	-.0064
.204	2.88 (60.24)	-2.05	.1961	.0236	-.0965	.0008	.0009	-.0031
.204	2.89 (60.31)	-.01	.4061	.0249	-.0802	.0007	.0008	-.0003
.204	2.89 (60.33)	2.01	.5758	.0285	-.0578	-.0012	.0007	-.0039
.204	2.89 (60.27)	4.03	.7708	.0372	-.0284	.0006	.0008	.0017
.204	2.88 (60.22)	6.05	.9415	.0442	-.0119	.0018	.0009	-.0012
.204	2.89 (60.27)	8.05	1.1095	.0583	.0249	.0008	.0005	.0038
.204	2.88 (60.25)	10.02	1.2376	.0848	.0741	.0044	.0042	.0020
.204	2.89 (60.29)	12.09	1.1426	.2048	.1468	.0067	.0022	.0046
.204	2.89 (60.31)	14.06	1.1205	.2643	.1646	.0045	.0025	.0025
.204	2.90 (60.49)	16.12	1.1135	.3125	.1813	.0061	.0030	-.0032
.204	2.89 (60.44)	18.07	1.1162	.3604	.2052	.0044	.0021	.0026



TABLE 20 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = -6.145 DEGREES AND QINF = 2.89 KN/SQM ( 60.31 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 166F	.0551	* 264F	.0962	* 345F	.1529	* 165F	.2057	* 263F	.1208	* 344F	.1174
* 164F	.2221	* 262F	.1017	* 343F	.1076	* 156F	.2303	* 255F	.0798	* 342F	.0942
* 155F	.2303	* 254F	.0907	* 341F	.0807	* 154F	.2057	* 253F	.0716	* 340F	.0183
* 153F	.1783	* 252F	.0414	* 339F	-.0638	* 139F	.1509	* 239F	.0195	* 338F	-.2094
* 138F	.1017	* 238F	-.0571	* 337F	-.3637	* 138F	.1017	* 237F	-.1495	* 336F	-.4225
* 137F	-.0544	* 237F	-.1495	* 335F	-.5412	* 136F	-.3445	* 236F	-.3612	* 334F	-.6942
* 135F	-.4814	* 235F	-.4445	* 333F	-.9183	* 135F	-.4814	* 234F	-.5314	* 332F	-1.2476
* 134F	-.5772	* 234F	-.5314	* 331F	-1.6616	* 134F	-.5772	* 233F	-.5339	* 310F	-1.6616
* 133F	-.7223	* 233F	-.5339	* 309F	-2.0889	* 133F	-.7223	* 232F	-.8668	* 308F	-2.0889
* 132F	-.8482	* 232F	-.8668	* 307F	-.1232	* 132F	-.8482	* 231F	-1.0187	* 302F	.6802
* 131F	-.9604	* 231F	-1.0187	* 306F	.7144	* 131F	-.9604	* 210F	-1.4821	* 305F	.5093
* 110F	-1.0889	* 210F	-1.4821	* 304F	.3213	* 110F	-1.0889	* 209F	-1.8496	* 307F	.1589
* 109F	-1.2000	* 209F	-1.8496	* 319F	.1503	* 109F	-1.2000	* 208F	-1.6530	* 320F	.0649
* 108F	-.6445	* 208F	-1.6530	* 321F	-.0221	* 108F	-.6445	* 207F	.0990	* 322F	-.1286
* 101F	.3982	* 207F	.0990	* 323F	-.1470	* 101F	.3982	* 220F	.1076	* 324F	-.1629
* 102F	.7315	* 220F	.1076	* 325F	-.2143	* 102F	.7315	* 222F	-.0632	* 326F	-.2315
* 103F	.5007	* 222F	-.0632	* 327F	-.2021	* 103F	.5007	* 223F	-.1292	* 328F	-.1519
* 104F	.2187	* 223F	-.1292	* 329F	-.0723	* 104F	.2187	* 224F	-.1504	* 330F	.0391
* 105F	.0478	* 224F	-.1504	* 105F	.0478	* 105F	.0478	* 225F	-.1839		
* 106F	-.0121	* 225F	-.1839	* 106F	-.0121	* 106F	-.0121	* 226F	-.2443		
* 107F	-.0890	* 226F	-.2443	* 107F	-.0890	* 107F	-.0890	* 227F	-.2476		
* 120F	-.0633	* 227F	-.2476	* 120F	-.0633	* 120F	-.0633	* 228F	-.2398		
* 121F	-.1761	* 228F	-.2398	* 121F	-.1761	* 121F	-.1761	* 229F	-.1828		
* 122F	-.1895	* 229F	-.1828	* 122F	-.1895	* 122F	-.1895	* 259F	-.1225		
* 123F	-.2074	* 259F	-.1225	* 123F	-.2074	* 123F	-.2074	* 260F	-.0521		
* 124F	-.2242	* 260F	-.0521	* 124F	-.2242	* 124F	-.2242				
* 125F	-.2119			* 125F	-.2119	* 125F	-.2119				
* 126F	-.2107			* 126F	-.2107	* 126F	-.2107				
* 127F	-.1806			* 127F	-.1806	* 127F	-.1806				
* 128F	-.1336			* 128F	-.1336	* 128F	-.1336				
* 129F	-.0867			* 129F	-.0867	* 129F	-.0867				
* 161F	-.0577			* 161F	-.0577	* 161F	-.0577				
* 162F	-.0219			* 162F	-.0219	* 162F	-.0219				

TABLE 21 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = -.046 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 166F	.0562	*	*	* 264F	.0070	*	*	* 345F	.3043	*	*
* 165F	.2585	*	*	* 263F	.3269	*	*	* 344F	.3227	*	*
* 164F	.2968	*	*	* 262F	.3488	*	*	* 343F	.3068	*	*
* 156F	.3105	*	*	* 255F	.3132	*	*	* 342F	.2799	*	*
* 155F	.3050	*	*	* 254F	.3214	*	*	* 341F	.2089	*	*
* 154F	.2859	*	*	* 253F	.2613	*	*	* 340F	.0940	*	*
* 153F	.2558	*	*	* 252F	.1765	*	*	* 339F	-.0076	*	*
* 139F	.2339	*	*	* 239F	.1191	*	*	* 338F	-.1445	*	*
* 138F	.1874	*	*	* 238F	.0070	*	*	* 337F	-.2448	*	*
* 137F	.0534	*	*	* 237F	-.1188	*	*	* 336F	-.2008	*	*
* 136F	-.1735	*	*	* 236F	-.1910	*	*	* 335F	-.1971	*	*
* 135F	-.2364	*	*	* 235F	-.2069	*	*	* 334F	-.2546	*	*
* 134F	-.2528	*	*	* 234F	-.1971	*	*	* 333F	-.2375	*	*
* 133F	-.2173	*	*	* 233F	-.1702	*	*	* 332F	-.2546	*	*
* 132F	-.1352	*	*	* 232F	-.1849	*	*	* 310F	-.2329	*	*
* 131F	-.1106	*	*	* 231F	-.1568	*	*	* 309F	.0574	*	*
* 110F	-.0366	*	*	* 210F	-.0963	*	*	* 308F	.3391	*	*
* 109F	.1769	*	*	* 209F	.0830	*	*	* 301F	.7831	*	*
* 108F	.6038	*	*	* 208F	.5355	*	*	* 302F	.4843	*	*
* 101F	.6721	*	*	* 201F	.7490	*	*	* 303F	-.3952	*	*
* 102F	.1684	*	*	* 203F	-.5745	*	*	* 304F	-.4037	*	*
* 103F	-.8050	*	*	* 204F	-.6086	*	*	* 305F	-.3952	*	*
* 104F	-.9245	*	*	* 205F	-.5574	*	*	* 307F	-.3439	*	*
* 105F	-.8819	*	*	* 206F	-.4720	*	*	* 319F	-.3269	*	*
* 106F	-.7794	*	*	* 207F	-.4293	*	*	* 320F	-.3525	*	*
* 107F	-.7196	*	*	* 220F	-.5659	*	*	* 321F	-.3537	*	*
* 120F	-.8392	*	*	* 222F	-.4171	*	*	* 322F	-.3683	*	*
* 121F	-.5912	*	*	* 223F	-.4405	*	*	* 323F	-.3622	*	*
* 122F	-.5198	*	*	* 224F	-.4093	*	*	* 324F	-.3549	*	*
* 123F	-.4718	*	*	* 225F	-.4003	*	*	* 325F	-.3757	*	*
* 124F	-.4405	*	*	* 226F	-.4271	*	*	* 326F	-.3659	*	*
* 125F	-.3345	*	*	* 227F	-.3925	*	*	* 327F	-.3035	*	*
* 126F	-.3266	*	*	* 228F	-.3479	*	*	* 328F	-.2155	*	*
* 127F	-.2619	*	*	* 229F	-.2474	*	*	* 329F	-.1225	*	*
* 128F	-.1938	*	*	* 259F	-.1726	*	*	* 330F	-.0271	*	*
* 129F	-.1212	*	*	* 260F	-.0900	*	*	*		*	*
* 161F	-.0822	*	*	*		*	*	*		*	*
* 162F	-.0398	*	*	*		*	*	*		*	*

TABLE 22 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = 4.037 DEGREES AND QINF = 2.89 KN/SQM ( 60.27 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 166F	.0382	* 264F	-.0440	* 345F	.2946	* 165F	.2628	* 263F	.3258	* 344F	.3154
* 164F	.3039	* 262F	.3559	* 343F	.3081	* 156F	.3258	* 255F	.3340	* 342F	.2823
* 155F	.3231	* 254F	.3340	* 341F	.2223	* 154F	.3094	* 253F	.2792	* 340F	.1121
* 153F	.2820	* 252F	.1971	* 339F	.0300	* 139F	.2628	* 239F	.1368	* 338F	-.0754
* 138F	.2107	* 238F	.0354	* 337F	-.1415	* 137F	.1012	* 237F	-.0815	* 336F	-.0619
* 136F	-.0796	* 236F	-.0717	* 335F	.0116	* 135F	-.1015	* 235F	-.0472	* 334F	.0018
* 134F	-.0577	* 234F	.0018	* 333F	.1292	* 133F	.0217	* 233F	.0349	* 332F	.2088
* 132F	.1806	* 232F	.2064	* 310F	.3551	* 131F	.2683	* 231F	.2542	* 309F	.6801
* 110F	.4150	* 210F	.4492	* 308F	.7913	* 109F	.6117	* 209F	.6288	* 301F	.2439
* 108F	.6887	* 208F	.7913	* 302F	-.7823	* 101F	.0472	* 201F	.0301	* 303F	-1.5606
* 102F	-.9106	* 203F	-1.9369	* 304F	-1.3126	* 102F	-.9106	* 203F	-1.9369	* 305F	-1.1159
* 103F	-1.9626	* 204F	-1.4580	* 307F	-.7225	* 103F	-1.9626	* 204F	-1.4580	* 319F	-.7567
* 104F	-1.8942	* 205F	-1.2527	* 320F	-.6113	* 104F	-1.8942	* 205F	-1.2527	* 321F	-.5507
* 105F	-1.6034	* 206F	-.9277	* 322F	-.5691	* 105F	-1.6034	* 206F	-.9277	* 323F	-.5262
* 106F	-1.3981	* 207F	-.8764	* 324F	-.4466	* 106F	-1.3981	* 207F	-.8764	* 325F	-.4466
* 107F	-1.1244	* 220F	-1.0389	* 326F	-.4123	* 107F	-1.1244	* 220F	-1.0389	* 327F	-.3253
* 120F	-1.3468	* 222F	-.6520	* 328F	-.2077	* 120F	-1.3468	* 222F	-.6520	* 329F	-.1072
* 121F	-.9036	* 223F	-.6218	* 330F	-.0386	* 121F	-.9036	* 223F	-.6218		
* 122F	-.7470	* 224F	-.5894			* 122F	-.7470	* 224F	-.5894		
* 123F	-.6430	* 225F	-.5234			* 123F	-.6430	* 225F	-.5234		
* 124F	-.5614	* 226F	-.5122			* 124F	-.5614	* 226F	-.5122		
* 125F	-.4194	* 227F	-.4340			* 125F	-.4194	* 227F	-.4340		
* 126F	-.3657	* 228F	-.3579			* 126F	-.3657	* 228F	-.3579		
* 127F	-.2785	* 229F	-.2316			* 127F	-.2785	* 229F	-.2316		
* 128F	-.2014	* 259F	-.1522			* 128F	-.2014	* 259F	-.1522		
* 129F	-.1220	* 260F	-.0795			* 129F	-.1220	* 260F	-.0795		
* 161F	-.0896					* 161F	-.0896				
* 162F	-.0471					* 162F	-.0471				

TABLE 23 .-- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = 8.050 DEGREES AND QINF = 2.89 KN/SQM ( 60.41 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
* 166F	.0131	* 264F	-.1263	* 345F	.2779	* 165F	.2673	* 263F	.3274	* 344F	.3146	
* 164F	.3247	* 262F	.3629	* 343F	.3097	* 156F	.3492	* 255F	.3492	* 342F	.2914	
* 155F	.3492	* 254F	.3684	* 341F	.2327	* 154F	.3438	* 253F	.3192	* 340F	.1361	
* 153F	.3247	* 252F	.2563	* 339F	.0665	* 139F	.2973	* 252F	.2563	* 338F	-.0093	
* 138F	.2509	* 239F	.1935	* 337F	-.0264	* 137F	.1580	* 238F	.0951	* 336F	.0628	
* 136F	.0131	* 237F	-.0435	* 335F	.1545	* 135F	.0295	* 237F	-.0435	* 334F	.2278	
* 134F	.1006	* 236F	.0335	* 333F	.3879	* 134F	.1006	* 235F	.0958	* 332F	.4979	
* 133F	.2427	* 234F	.1814	* 310F	.6126	* 132F	.4285	* 234F	.1814	* 309F	.7492	
* 131F	.5378	* 233F	.2119	* 308F	.5102	* 110F	.6382	* 232F	.4576	* 307F	-1.0427	
* 109F	.7065	* 231F	.5700	* 306F	-.7585	* 109F	.7065	* 231F	.5700	* 305F	-1.5632	
* 108F	.2713	* 210F	.7236	* 304F	-2.6212	* 108F	.2713	* 210F	.7236	* 303F	-3.1673	
* 107F	-1.0026	* 209F	.7748	* 302F	-2.5615	* 107F	-1.5547	* 209F	.7748	* 301F	-1.2901	
* 102F	-2.3738	* 208F	.3225	* 300F	-.8635	* 106F	-1.9557	* 208F	.3225	* 299F	-1.0939	
* 103F	-3.3892	* 207F	-1.2816	* 298F	-.7121	* 105F	-2.3055	* 207F	-1.2816	* 297F	-.4273	
* 104F	-3.0735	* 220F	-1.6058	* 296F	-.6436	* 104F	-3.0735	* 220F	-1.6058	* 296F	-.6436	
* 105F	-2.3055	* 222F	-.8746	* 295F	-.5251	* 106F	-1.9557	* 222F	-.8746	* 295F	-.5251	
* 106F	-1.9557	* 223F	-.7976	* 294F	-.4909	* 107F	-1.5547	* 223F	-.7976	* 294F	-.4909	
* 107F	-1.5547	* 224F	-.7106	* 293F	-.4273	* 120F	-1.8448	* 224F	-.7106	* 293F	-.4273	
* 120F	-1.8448	* 225F	-.6169	* 292F	-.3100	* 121F	-1.2048	* 225F	-.6169	* 292F	-.3100	
* 121F	-1.2048	* 226F	-.5611	* 291F	-.1792	* 122F	-.9538	* 226F	-.5611	* 291F	-.1792	
* 122F	-.9538	* 227F	-.4406	* 290F	-.1034	* 123F	-.8043	* 227F	-.4406	* 290F	-.1034	
* 123F	-.8043	* 228F	-.3257	* 289F	-.0704	* 124F	-.6749	* 228F	-.3257	* 289F	-.0704	
* 124F	-.6749	* 229F	-.1919	* 288F		* 125F	-.4942	* 229F	-.1919	* 288F		
* 125F	-.4942	* 259F	-.1417	* 287F		* 126F	-.3904	* 259F	-.1417	* 287F		
* 126F	-.3904	* 260F	-.1104	* 286F		* 127F	-.2889	* 260F	-.1104	* 286F		
* 127F	-.2889			* 285F		* 128F	-.2019			* 285F		
* 128F	-.2019			* 284F		* 129F	-.1194			* 284F		
* 129F	-.1194			* 283F		* 161F	-.0870			* 283F		
* 161F	-.0870			* 282F		* 162F	-.0513			* 282F		
* 162F	-.0513			* 281F						* 281F		
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				* 149F						* 149F		

TABLE 24 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = 10.068 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

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*****
WING STATION A      *      WING STATION B      *      WING STATION C      *
TAP ID      CP      TAP ID      CP      *      TAP ID      CP      TAP ID      CP      *
166F      -.0103      *      264F      -.2018      *      345F      .2290      *
165F      .2552      *      263F      .3099      *      344F      .2547      *
164F      .3126      *      262F      .3619      *      343F      .2645      *
156F      .3482      *      255F      .3564      *      342F      .2462      *
155F      .3537      *      254F      .3728      *      341F      .1825      *
154F      .3455      *      253F      .3318      *      340F      .0969      *
153F      .3291      *      252F      .2661      *      339F      .0247      *
139F      .3044      *      239F      .2086      *      338F      -.0304      *
138F      .2716      *      238F      .1211      *      337F      -.0573      *
137F      .1895      *      237F      -.0194      *      336F      .0455      *
136F      .0609      *      236F      .0846      *      335F      .1972      *
135F      .0910      *      235F      .1581      *      334F      .2107      *
134F      .1840      *      234F      .2596      *      333F      .3869      *
133F      .3400      *      233F      .2878      *      332F      .5301      *
132F      .5316      *      232F      .5570      *      310F      .6290      *
131F      .6191      *      231F      .6647      *      309F      .7230      *
110F      .6888      *      210F      .7914      *      308F      .6290      *
109F      .6205      *      209F      .7401      *      301F      -1.5754      *
108F      -.1229      *      208F      -.0972      *      302F      -2.0624      *
101F      -1.9684      *      201F      -2.5751      *      303F      -1.8146      *
102F      -3.5662      *      203F      -4.5744      *      304F      -1.8317      *
103F      -4.2327      *      204F      -2.9510      *      305F      -1.2080      *
104F      -3.8311      *      205F      -2.3871      *      307F      -1.1653      *
105F      -2.6178      *      206F      -1.8146      *      319F      -.9944      *
106F      -2.2077      *      207F      -1.5754      *      320F      -.9260      *
107F      -1.8232      *      220F      -1.8403      *      321F      -.8957      *
120F      -2.0795      *      222F      -1.0616      *      322F      -.8345      *
121F      -1.3387      *      223F      -.8583      *      323F      -.6962      *
122F      -1.0426      *      224F      -.7712      *      324F      -.6020      *
123F      -.8572      *      225F      -.6416      *      325F      -.5016      *
124F      -.7131      *      226F      -.5522      *      326F      -.4612      *
125F      -.5254      *      227F      -.4137      *      327F      -.3609      *
126F      -.3914      *      228F      -.2953      *      328F      -.3168      *
127F      -.2808      *      229F      -.1937      *      329F      -.2262      *
128F      -.1948      *      259F      -.1702      *      330F      -.2311      *
129F      -.1266      *      260F      -.1546      *
161F      -.0987      *
162F      -.0752      *
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TABLE 25 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = 12.086 DEGREES AND QINF = 2.90 KN/SQM ( 60.48 LB/SQFT )

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*****
TAP ID      WING STATION A      *      WING STATION B      *      WING STATION C      *
            CP          TAP ID      CP          TAP ID      CP          TAP ID      CP          TAP ID      CP
166F      -.1560          *      264F      -.3334          *      345F          .1459          *
165F      .1770          *      263F      .2671          *      344F          .2081          *
164F      .2261          *      262F      .3162          *      343F          .2045          *
156F      .2698          *      255F      .3053          *      342F          .1923          *
155F      .2944          *      254F      .3217          *      341F          .1288          *
154F      .2917          *      253F      .2671          *      340F          .0250          *
153F      .2671          *      252F      .1934          *      339F          -.0287          *
139F      .2480          *      239F      .1415          *      338F          -.0922          *
138F      .2125          *      238F      .0569          *      337F          -.0958          *
137F      .1443          *      237F      -.0641          *      336F          .0177          *
136F      .0323          *      236F      .0470          *      335F          .1202          *
135F      .0815          *      235F      .1337          *      334F          .1935          *
134F      .1989          *      234F      .2509          *      333F          .3461          *
133F      .3654          *      233F      .2814          *      332F          .4425          *
132F      .5428          *      232F      .5500          *      310F          .5694          *
131F      .6520          *      231F      .6550          *      309F          .7229          *
110F      .7314          *      210F      .7229          *      308F          .6547          *
109F      .6291          *      209F      .7058          *      301F          -.2061          *
108F      -.0357          *      208F      -.0783          *      302F          -.6919          *
101F      -1.6038          *      201F      -2.2686          *      303F          -.7090          *
102F      -3.1465          *      203F      -3.6578          *      304F          -.6919          *
103F      -2.7459          *      204F      -2.7970          *      305F          -.7004          *
104F      -3.1976          *      205F      -2.4306          *      307F          -.7175          *
105F      -1.9703          *      206F      -2.3027          *      319F          -.7090          *
106F      -1.6124          *      207F      -1.8851          *      320F          -.7345          *
107F      -1.5698          *      220F      -1.9277          *      321F          -.7050          *
120F      -1.7999          *      222F      -1.0595          *      322F          -.6769          *
121F      -1.6100          *      223F      -.9136          *      323F          -.6745          *
122F      -1.2746          *      224F      -.7620          *      324F          -.6281          *
123F      -1.1103          *      225F      -.6272          *      325F          -.5780          *
124F      -1.0116          *      226F      -.5514          *      326F          -.5634          *
125F      -.7587          *      227F      -.4623          *      327F          -.5243          *
126F      -.6238          *      228F      -.3943          *      328F          -.4731          *
127F      -.4422          *      229F      -.3464          *      329F          -.4291          *
128F      -.4010          *      259F      -.3219          *      330F          -.3961          *
129F      -.3977          *      260F      -.3029          *
161F      -.3263          *
162F      -.2885          *
*****

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TABLE 27 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = 18.091 DEGREES AND QINF = 2.90 KN/SQM ( 60.50 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
166F	-.5691		*	264F	-.6728		*	345F	.0935		*
165F	-.0288		*	263F	.1649		*	344F	.1692		*
164F	.0831		*	262F	.2441		*	343F	.1740		*
156F	.1513		*	255F	.2359		*	342F	.1606		*
155F	.1786		*	254F	.2577		*	341F	.0935		*
154F	.1922		*	253F	.2195		*	340F	.0032		*
153F	.2004		*	252F	.1486		*	339F	-.0395		*
139F	.1731		*	239F	.1049		*	338F	-.0859		*
-138F	.1431		*	238F	.0230		*	337F	-.0627		*
137F	.1049		*	237F	-.1201		*	336F	.0715		*
126F	.0312		*	236F	.0569		*	335F	.1997		*
135F	.1431		*	235F	.1716		*	334F	.2863		*
134F	.2823		*	234F	.2961		*	333F	.4413		*
133F	.4679		*	233F	.3156		*	332F	.5573		*
132F	.6316		*	232F	.6158		*	310F	.6534		*
131F	.7216		*	231F	.7049		*	309F	.7045		*
110F	.7386		*	210F	.7982		*	308F	.5171		*
109F	.6619		*	209F	.7301		*	301F	-.4031		*
108F	.1166		*	208F	-.0027		*	302F	-.6673		*
101F	-.8462		*	201F	-1.4682		*	303F	-.5650		*
102F	-.9996		*	203F	-1.3489		*	304F	-.5480		*
103F	-.8718		*	204F	-1.3745		*	305F	-.5395		*
104F	-.8718		*	205F	-1.4085		*	307F	-.5224		*
105F	-.7780		*	206F	-1.3574		*	319F	-.5309		*
106F	-.8462		*	207F	-1.3659		*	320F	-.5480		*
107F	-.8462		*	220F	-1.3915		*	321F	-.5314		*
120F	-.7951		*	222F	-1.3422		*	322F	-.5314		*
121F	-.8799		*	223F	-1.2497		*	323F	-.5399		*
122F	-.9033		*	224F	-1.1974		*	324F	-.5473		*
123F	-.7919		*	225F	-1.1082		*	325F	-.5509		*
124F	-.8944		*	226F	-1.0102		*	326F	-.5631		*
125F	-.9968		*	227F	-.9044		*	327F	-.5656		*
126F	-.9144		*	228F	-.8465		*	328F	-.5473		*
127F	-.8932		*	229F	-.7484		*	329F	-.5216		*
128F	-.8186		*	259F	-.6950		*	330F	-.4887		*
129F	-.8052		*	260F	-.6593		*				*
161F	-.7573		*				*				*
162F	-.7351		*				*				*



TABLE 28.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 3

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.145	-.16794	-.25396	-.33295
-.046	.40668	.37587	.26327
4.037	.73804	.72906	.61357
8.050	1.04712	1.06367	.90273
10.068	1.18964	1.21424	.88051
12.086	1.27450	1.22259	.72265
14.093	1.24101	1.28397	.62702
18.091	1.08566	1.30701	.67033

TABLE 29 .- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 3

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.145	-.01093	-.02905	-.03276
-.046	-.00574	.00464	.01249
4.037	-.05114	-.03418	-.01925
8.050	-.12746	-.11811	-.09101
10.068	-.18647	-.16567	-.06224
12.086	-.12525	-.14071	.00814
14.093	-.04395	-.08750	.02137
18.091	.00755	-.03607	.01579

TABLE 30 .- PITCHING-MOMENT COEFFICIENT FOR RUN 3

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.145	-.03615	-.02012	-.00128
-.046	-.19037	-.20804	-.16724
4.037	-.26949	-.26725	-.24205
8.050	-.34461	-.35979	-.30057
10.068	-.37573	-.38918	-.31628
12.086	-.45885	-.39732	-.31004
14.093	-.52791	-.46334	-.27958
18.091	-.49823	-.54692	-.29609

TABLE 31 .- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 3 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.89 (60.26)	-6.14	-.2332	.0398	-.1259	.0017	.0022	-.0074
.204	2.89 (60.43)	-4.07	-.0323	.0328	-.1142	.0006	.0008	-.0060
.204	2.89 (60.40)	-2.07	.1771	.0287	-.0981	.0022	.0005	-.0004
.204	2.89 (60.32)	-.05	.3917	.0292	-.0746	.0005	.0009	.0012
.204	2.88 (60.16)	2.02	.5772	.0329	-.0526	.0017	.0006	.0022
.204	2.88 (60.22)	4.04	.7643	.0409	-.0133	.0006	.0009	.0024
.204	2.88 (60.11)	6.04	.9276	.0505	.0051	.0000	.0008	-.0000
.204	2.89 (60.36)	8.05	1.1202	.0643	.0525	.0008	.0009	.0052
.204	2.89 (60.28)	10.07	1.2631	.0926	.1023	.0028	.0035	.0049
.204	2.89 (60.43)	12.09	1.2259	.2051	.1106	.0040	.0027	.0024
.204	2.89 (60.38)	14.09	1.2120	.2729	.1283	.0059	.0041	-.0012
.204	2.89 (60.34)	16.11	1.1892	.3251	.1457	.0042	.0030	-.0013
.204	2.89 (60.45)	18.09	1.1789	.3771	.1781	.0033	.0018	.0078

TABLE 32 .- TABULATED PRESSURE DATA FOR RUN 1 AT ALPHA = -6.155 DEGREES AND QINF = 2.89 KN/SQM ( 60.30 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 166F	.0658	* 264F	.1014	* 345F	.1111	* 165F	.2109	* 263F	.1315	* 344F	.0853
* 164F	.2328	* 262F	.1096	* 343F	.0719	* 164F	.2328	* 255F	.0795	* 342F	.0633
* 156F	.2328	* 254F	.0768	* 341F	.0449	* 155F	.2274	* 253F	.0549	* 340F	-.0151
* 154F	.2900	* 252F	.0302	* 339F	-.1020	* 154F	.2900	* 239F	-.0108	* 338F	-.2502
* 153F	.1699	* 238F	-.0930	* 337F	-.4155	* 153F	.1699	* 237F	-.1669	* 336F	-.4816
* 139F	.1398	* 236F	-.3971	* 335F	-.6176	* 139F	.1398	* 235F	-.4927	* 334F	-.7719
* 138F	.0959	* 234F	-.5710	* 333F	-1.0094	* 138F	.0959	* 233F	-.5833	* 332F	-1.2972
* 137F	-.0574	* 232F	-.9139	* 310F	-1.8675	* 137F	-.0574	* 231F	-1.1123	* 309F	-2.3804
* 136F	-.3285	* 210F	-1.6367	* 308F	-2.3462	* 136F	-.3285	* 209F	-2.0043	* 307F	.1501
* 135F	-.4928	* 208F	-1.8675	* 306F	.5604	* 135F	-.4928	* 207F	.0731	* 305F	.3125
* 134F	-.5585	* 206F	.1501	* 304F	.4921	* 134F	-.5585	* 205F	.2270	* 303F	.6801
* 133F	-.7091	* 204F	.3724	* 302F	.5604	* 133F	-.7091	* 203F	.5775	* 301F	-.2945
* 132F	-.8049	* 203F	.5775	* 300F	.6801	* 132F	-.8049	* 202F	.7724	* 300F	.6801
* 131F	-.9281	* 202F	.7724	* 300F	.6801	* 131F	-.9281	* 201F	.1073	* 300F	.6801
* 110F	-1.1066	* 201F	.1073	* 300F	.6801	* 110F	-1.1066	* 200F	-.2004	* 300F	.6801
* 109F	-1.1494	* 200F	-.2004	* 300F	.6801	* 109F	-1.1494	* 200F	-.2004	* 300F	.6801
* 108F	-.6108	* 200F	-.2004	* 300F	.6801	* 108F	-.6108	* 200F	-.2004	* 300F	.6801
* 101F	.3895	* 200F	-.2004	* 300F	.6801	* 101F	.3895	* 200F	-.2004	* 300F	.6801
* 102F	.7058	* 200F	-.2004	* 300F	.6801	* 102F	.7058	* 200F	-.2004	* 300F	.6801
* 103F	.4408	* 200F	-.2004	* 300F	.6801	* 103F	.4408	* 200F	-.2004	* 300F	.6801
* 104F	.1843	* 200F	-.2004	* 300F	.6801	* 104F	.1843	* 200F	-.2004	* 300F	.6801
* 105F	-.0038	* 200F	-.2004	* 300F	.6801	* 105F	-.0038	* 200F	-.2004	* 300F	.6801
* 106F	-.0893	* 200F	-.2004	* 300F	.6801	* 106F	-.0893	* 200F	-.2004	* 300F	.6801
* 107F	-.1491	* 200F	-.2004	* 300F	.6801	* 107F	-.1491	* 200F	-.2004	* 300F	.6801
* 120F	-.2090	* 200F	-.2004	* 300F	.6801	* 120F	-.2090	* 200F	-.2004	* 300F	.6801
* 121F	-.1597	* 200F	-.2004	* 300F	.6801	* 121F	-.1597	* 200F	-.2004	* 300F	.6801
* 122F	-.1898	* 200F	-.2004	* 300F	.6801	* 122F	-.1898	* 200F	-.2004	* 300F	.6801
* 123F	-.2044	* 200F	-.2004	* 300F	.6801	* 123F	-.2044	* 200F	-.2004	* 300F	.6801
* 124F	-.2234	* 200F	-.2004	* 300F	.6801	* 124F	-.2234	* 200F	-.2004	* 300F	.6801
* 125F	-.2178	* 200F	-.2004	* 300F	.6801	* 125F	-.2178	* 200F	-.2004	* 300F	.6801
* 126F	-.2189	* 200F	-.2004	* 300F	.6801	* 126F	-.2189	* 200F	-.2004	* 300F	.6801
* 127F	-.1798	* 200F	-.2004	* 300F	.6801	* 127F	-.1798	* 200F	-.2004	* 300F	.6801
* 128F	-.1328	* 200F	-.2004	* 300F	.6801	* 128F	-.1328	* 200F	-.2004	* 300F	.6801
* 129F	-.0960	* 200F	-.2004	* 300F	.6801	* 129F	-.0960	* 200F	-.2004	* 300F	.6801
* 161F	-.0557	* 260F	-.0501	* 330F	.0106	* 161F	-.0557	* 260F	-.0501	* 330F	.0106
* 162F	-.0222	* 260F	-.0501	* 330F	.0106	* 162F	-.0222	* 260F	-.0501	* 330F	.0106

TABLE 33 .- TABULATED PRESSURE DATA FOR RUN 1 AT ALPHA = -.080 DEGREES AND QINF = 2.89 KN/SQM ( 60.31 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
166F	.0498		*	264F	-.0022		*	345F	.3036		*
165F	.2441		*	263F	.3180		*	344F	.3208		*
164F	.2797		*	262F	.3399		*	343F	.3073		*
156F	.2989		*	255F	.3153		*	342F	.2828		*
155F	.3071		*	254F	.3180		*	341F	.2155		*
154F	.2934		*	253F	.2496		*	340F	.0943		*
153F	.2633		*	252F	.1675		*	339F	-.0036		*
139F	.2277		*	239F	.1045		*	338F	-.1456		*
138F	.1784		*	238F	-.0104		*	337F	-.2264		*
137F	.0361		*	237F	-.1261		*	336F	-.1873		*
136F	-.2048		*	236F	-.1934		*	335F	-.1873		*
135F	-.2787		*	235F	-.2191		*	334F	-.2411		*
134F	-.2486		*	234F	-.2020		*	333F	-.2240		*
133F	-.2349		*	233F	-.1640		*	332F	-.2387		*
132F	-.1665		*	232F	-.1444		*	310F	-.1914		*
131F	-.1199		*	231F	-.1591		*	309F	.0564		*
110F	-.0376		*	210F	-.0803		*	308F	.3299		*
109F	.1676		*	209F	.0308		*	301F	.8000		*
108F	.5863		*	208F	.5180		*	302F	.4581		*
101F	.6461		*	201F	.7145		*	303F	-.3880		*
102F	.2017		*	203F	-.7127		*	304F	-.4136		*
103F	-.6444		*	204F	-.6529		*	305F	-.4478		*
104F	-.8922		*	205F	-.5674		*	307F	-.3980		*
105F	-.8409		*	206F	-.5247		*	319F	-.3709		*
106F	-.7640		*	207F	-.5162		*	320F	-.4051		*
107F	-.6785		*	220F	-.5845		*	321F	-.3733		*
120F	-.8236		*	222F	-.4207		*	322F	-.4088		*
121F	-.5816		*	223F	-.4441		*	323F	-.3819		*
122F	-.5134		*	224F	-.4307		*	324F	-.3868		*
123F	-.4721		*	225F	-.3849		*	325F	-.4003		*
124F	-.4352		*	226F	-.4430		*	326F	-.3880		*
125F	-.3581		*	227F	-.4084		*	327F	-.3256		*
126F	-.3212		*	228F	-.3659		*	328F	-.2375		*
127F	-.2620		*	229F	-.2609		*	329F	-.1371		*
128F	-.1950		*	259F	-.1782		*	330F	-.0379		*
129F	-.1335		*	260F	-.0922		*				*
161F	-.0866		*				*				*
162F	-.0408		*				*				*

TABLE 34 .- TABULATED PRESSURE DATA FOR RUN 1 AT ALPHA = 3.967 DEGREES AND QINF = 2.89 KN/SQM ( 60.34 LB/SQFT )

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*****
TAP ID      WING STATION A      *      WING STATION B      *      WING STATION C      *
            CP          TAP ID      CP          TAP ID      CP          TAP ID      CP          TAP ID      CP
166F        .0420          *      264F        -.0620          *      345F        .2990          *
165F        .2664          *      263F        .3156          *      344F        .3321          *
164F        .3101          *      262F        .3430          *      343F        .3223          *
156F        .3238          *      255F        .3238          *      342F        .3027          *
155F        .3183          *      254F        .3402          *      341F        .2366          *
154F        .3019          *      253F        .2682          *      340F        .1241          *
153F        .2828          *      252F        .2116          *      339F        .0445          *
139F        .2636          *      239F        .1487          *      338F        -.0632          *
138F        .2144          *      238F        .0502          *      337F        -.1072          *
137F        .1049          *      237F        -.0877          *      336F        -.0289          *
136F        -.0675          *      236F        -.0779          *      335F        .0372          *
135F        -.1140          *      235F        -.0534          *      334F        .0580          *
134F        -.0538          *      234F        .0164          *      333F        .1571          *
133F        .0283          *      233F        .0482          *      332F        .2268          *
132F        .1815          *      232F        .2011          *      310F        .3473          *
131F        .2855          *      231F        .2941          *      309F        .6634          *
110F        .4413          *      210F        .4242          *      308F        .7403          *
109F        .6378          *      209F        .6378          *      301F        .0996          *
108F        .7147          *      208F        .7745          *      302F        -.9000          *
101F        .0227          *      201F        -.1055          *      303F        -1.8056          *
102F        -.8829          *      203F        -2.0362          *      304F        -1.4040          *
103F        -1.8654          *      204F        -1.6005          *      305F        -1.1221          *
104F        -1.8995          *      205F        -1.2674          *      307F        -.7291          *
105F        -1.6005          *      206F        -1.0367          *      319F        -.7804          *
106F        -1.3784          *      207F        -.8829          *      320F        -.6352          *
107F        -1.0965          *      220F        -1.1050          *      321F        -.6016          *
120F        -1.3272          *      222F        -.6748          *      322F        -.6090          *
121F        -.9060          *      223F        -.6513          *      323F        -.5441          *
122F        -.7474          *      224F        -.5865          *      324F        -.4976          *
123F        -.6401          *      225F        -.5072          *      325F        -.4964          *
124F        -.5765          *      226F        -.5184          *      326F        -.4450          *
125F        -.4547          *      227F        -.4424          *      327F        -.3508          *
126F        -.3709          *      228F        -.3654          *      328F        -.2198          *
127F        -.2849          *      229F        -.2347          *      329F        -.1170          *
128F        -.2068          *      259F        -.1621          *      330F        -.0485          *
129F        -.1308          *      260F        -.0917          *
161F        -.6939          *
162F        -.0493          *
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TABLE 35 .- TABULATED PRESSURE DATA FOR RUN 1 AT ALPHA = 8.042 DEGREES AND QINF = 2.89 KN/SQM ( 60.27 LB/SQFT )

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*****
*      WING STATION A      *      WING STATION B      *      WING STATION C      *
* TAP ID  CP  TAP ID  CP  * TAP ID  CP  TAP ID  CP  * TAP ID  CP  TAP ID  CP  *
* 166F   .0217          * 264F   -.1399          * 345F   .2983          *
* 165F   .2683          * 263F   .3121          * 344F   .3399          *
* 164F   .3176          * 262F   .3477          * 343F   .3338          *
* 156F   .3313          * 255F   .3340          * 342F   .3191          *
* 155F   .3340          * 254F   .3450          * 341F   .2591          *
* 154F   .3285          * 253F   .2929          * 340F   .1537          *
* 153F   .3094          * 252F   .2244          * 339F   .0937          *
* 139F   .2655          * 239F   .1834          * 338F   .0288          *
* 138F   .2244          * 238F   .0875          * 337F   .0177          *
* 137F   .1395          * 237F   -.0350          * 336F   .1145          *
* 136F   -.0029          * 236F   .0422          * 335F   .2101          *
* 135F   -.0002          * 235F   .1170          * 334F   .2787          *
* 134F   .1012          * 234F   .1990          * 333F   .4342          *
* 133F   .2409          * 233F   .2284          * 332F   .5568          *
* 132F   .4244          * 232F   .4514          * 310F   .6887          *
* 131F   .5230          * 231F   .5727          * 309F   .7486          *
* 110F   .6545          * 210F   .6459          * 308F   .3979          *
* 109F   .6972          * 209F   .6972          * 301F   -1.6547          *
* 108F   .2953          * 208F   .1670          * 302F   -3.1343          *
* 101F   -1.0560          * 201F   -1.8172          * 303F   -3.6902          *
* 102F   -2.4245          * 203F   -3.8356          * 304F   -2.5527          *
* 103F   -3.4593          * 204F   -2.5185          * 305F   -1.8001          *
* 104F   -3.2284          * 205F   -1.9797          * 307F   -1.1843          *
* 105F   -2.3389          * 206F   -1.6376          * 319F   -1.1501          *
* 106F   -1.9370          * 207F   -1.3810          * 320F   -.9791          *
* 107F   -1.5863          * 220F   -1.6547          * 321F   -.8276          *
* 120F   -1.8856          * 222F   -.8935          * 322F   -.7663          *
* 121F   -1.1798          * 223F   -.8141          * 323F   -.6757          *
* 122F   -.9416          * 224F   -.7202          * 324F   -.5703          *
* 123F   -.7862          * 225F   -.5469          * 325F   -.5311          *
* 124F   -.6699          * 226F   -.5469          * 326F   -.4478          *
* 125F   -.5189          * 227F   -.4228          * 327F   -.3216          *
* 126F   -.3915          * 228F   -.3065          * 328F   -.1820          *
* 127F   -.2864          * 229F   -.1801          * 329F   -.1232          *
* 128F   -.2036          * 259F   -.1533          * 330F   -.0962          *
* 129F   -.1287          * 260F   -.1265          *
* 161F   -.0840          *
* 162F   -.0515          *
*
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TABLE 37 .- TABULATED PRESSURE DATA FOR RUN 1 AT ALPHA = 12.077 DEGREES AND QINF = 2.89 KN/SQM ( 60.32 LB/SQFT )

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*****
WING STATION A      *      WING STATION B      *      WING STATION C      *
TAP ID      CP      TAP ID      CP      TAP ID      CP      TAP ID      CP
166F      -.1347      *      264F      -.5836      *      345F      .1311      *
165F      .1938      *      263F      .1363      *      344F      .1948      *
164F      .2485      *      262F      .2129      *      343F      .1973      *
156F      .2814      *      255F      .2047      *      342F      .1813      *
155F      .2868      *      254F      .2157      *      341F      .1079      *
154F      .2868      *      253F      .1554      *      340F      .0051      *
153F      .2841      *      252F      .1007      *      339F      -.0500      *
139F      .2512      *      239F      .0596      *      338F      -.1247      *
138F      .2157      *      238F      -.0389      *      337F      -.1247      *
137F      .1445      *      237F      -.1002      *      336F      .0063      *
136F      .0405      *      236F      -.0476      *      335F      .1091      *
135F      .0843      *      235F      .0430      *      334F      .1715      *
134F      .2129      *      234F      .1397      *      333F      .3160      *
133F      .3463      *      233F      .1899      *      332F      .4213      *
132F      .5742      *      232F      .4127      *      310F      .5425      *
131F      .6728      *      231F      .5106      *      309F      .7390      *
110F      .7305      *      210F      .6279      *      308F      .7049      *
109F      .6109      *      209F      .7390      *      301F      -.0045      *
108F      -.2010      *      208F      .5852      *      302F      -.5429      *
101F      -2.0556      *      201F      -.2951      *      303F      -.5856      *
102F      -3.9785      *      203F      -.7138      *      304F      -.5771      *
103F      -4.4229      *      204F      -.7138      *      305F      -.5771      *
104F      -3.9529      *      205F      -.7224      *      307F      -.5942      *
105F      -2.3120      *      206F      -.7053      *      319F      -.5173      *
106F      -2.1923      *      207F      -.7566      *      320F      -.5514      *
107F      -1.8249      *      220F      -.7566      *      321F      -.5581      *
120F      -1.9445      *      222F      -.7894      *      322F      -.5495      *
121F      -1.6196      *      223F      -.7637      *      323F      -.5434      *
122F      -1.2721      *      224F      -.7436      *      324F      -.5365      *
123F      -1.0978      *      225F      -.7212      *      325F      -.5299      *
124F      -.9514      *      226F      -.7033      *      326F      -.5336      *
125F      -.6866      *      227F      -.6677      *      327F      -.5275      *
126F      -.5022      *      228F      -.6620      *      328F      -.5091      *
127F      -.3983      *      229F      -.6262      *      329F      -.4920      *
128F      -.3648      *      259F      -.6151      *      330F      -.4638      *
129F      -.2553      *      260F      -.5592      *
161F      -.2273      *
162F      -.2441      *
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TABLE 38 .- TABULATED PRESSURE DATA FOR RUN 1 AT ALPHA = 14.057 DEGREES AND QINF = 2.89 KN/SQM ( 60.40 LB/SQFT )

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*****
TAP ID      WING STATION A      *      WING STATION B      *      WING STATION C      *
            CP          TAP ID      CP          TAP ID      CP          TAP ID      CP          TAP ID      CP
166F      -.3440      *      264F      -.6748      *      345F      .1136      *
165F      .0933      *      263F      .0988      *      344F      .1869      *
164F      .1835      *      262F      .1671      *      343F      .1906      *
156F      .2191      *      255F      .1726      *      342F      .1759      *
155F      .2300      *      254F      .1835      *      341F      .1063      *
154F      .2382      *      253F      .1398      *      340F      .0723      *
153F      .2273      *      252F      .0660      *      339F      -.0502      *
139F      .2245      *      239F      .0141      *      338F      -.1187      *
138F      .1863      *      238F      -.0844      *      337F      -.1113      *
137F      .1234      *      237F      -.1028      *      336F      .0280      *
136F      .6359      *      236F      -.0551      *      335F      .1380      *
135F      .0624      *      235F      .0415      *      334F      .2040      *
134F      .2273      *      234F      .1441      *      333F      .3581      *
133F      .4159      *      233F      .1918      *      332F      .4620      *
132F      .5881      *      232F      .4216      *      310F      .5939      *
131F      .6892      *      231F      .5231      *      309F      .7304      *
110F      .7475      *      210F      .6707      *      308F      .6622      *
109F      .6707      *      209F      .7475      *      301F      -.1315      *
108F      -.0718      *      208F      .5683      *      302F      -.5838      *
101F      -1.6933      *      201F      -.2937      *      303F      -.5668      *
102F      -2.4699      *      203F      -.6521      *      304F      -.5753      *
103F      -1.9920      *      204F      -.6606      *      305F      -.5412      *
104F      -1.7366      *      205F      -.6521      *      307F      -.5497      *
105F      -1.6933      *      206F      -.6436      *      319F      -.5412      *
106F      -1.6591      *      207F      -.6436      *      320F      -.5326      *
107F      -1.4885      *      220F      -.6521      *      321F      -.5404      *
120F      -1.6506      *      222F      -.6489      *      322F      -.5392      *
121F      -1.4378      *      223F      -.6713      *      323F      -.5429      *
122F      -1.3943      *      224F      -.6668      *      324F      -.5441      *
123F      -1.2704      *      225F      -.6668      *      325F      -.5392      *
124F      -1.1332      *      226F      -.6657      *      326F      -.5551      *
125F      -.9759      *      227F      -.6858      *      327F      -.5588      *
126F      -.8035      *      228F      -.6902      *      328F      -.5404      *
127F      -.7047      *      229F      -.6690      *      329F      -.5270      *
128F      -.6054      *      259F      -.6456      *      330F      -.4964      *
129F      -.5396      *      260F      -.6255      *
161F      -.5887      *
162F      -.4994      *
*****

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TABLE 40 .- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 1

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.155	-.14775	-.29323	-.40456
-.080	.38542	.36883	.29930
3.967	.74523	.75338	.66971
8.042	1.03999	1.06797	1.00512
10.064	1.18493	1.16040	.79220
12.077	1.32532	.82677	.62487
14.057	1.32954	.76578	.64037
18.085	1.28667	.81950	.72039

TABLE 41 .- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 1

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.155	-.01212	-.03269	-.04290
-.080	-.00231	.00141	.01239
3.967	-.04822	-.04077	-.02568
8.042	-.12938	-.12799	-.11090
10.064	-.18583	-.17102	-.01333
12.077	-.18349	.01450	.02018
14.057	-.07824	.02110	.02049
18.085	-.01478	.01461	.01524

TABLE 42 .- PITCHING-MOMENT COEFFICIENT FOR RUN 1

ALPHA	COMPONENT-STATION		
	F-A	F-R	F-C
-6.155	-.03964	-.00783	.02682
-.080	-.18432	-.20989	-.18180
3.967	-.27492	-.29249	-.26552
8.042	-.33815	-.35328	-.33302
10.064	-.37056	-.36878	-.32090
12.077	-.43815	-.37189	-.27955
14.057	-.52685	-.34967	-.28801
18.085	-.57193	-.37040	-.31840

TABLE 43 .- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 1 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.88 (60.24)	-6.15	-.2453	.0358	-.0666	.0018	.0011	-.0061
.204	2.88 (60.21)	-4.09	-.0257	.0286	-.0713	.0017	.0006	-.0025
.204	2.88 (60.20)	-2.04	.2026	.0237	-.0760	.0010	.0001	.0016
.204	2.89 (60.26)	-.08	.3953	.0251	-.0657	.0014	.0005	.0022
.204	2.89 (60.40)	1.94	.5988	.0263	-.0388	.0017	.0004	.0015
.204	2.89 (60.29)	3.97	.7693	.0339	-.0200	.0013	.0007	.0048
.204	2.88 (60.25)	6.05	.9467	.0427	-.0011	.0006	.0003	.0061
.204	2.88 (60.22)	8.04	1.1242	.0535	.0342	.0011	.0008	.0088
.204	2.88 (60.21)	10.06	1.2223	.0949	.1011	.0102	.0065	.0030
.204	2.89 (60.26)	12.08	1.1438	.2008	.1557	.0076	.0019	.0094
.204	2.89 (60.35)	14.06	1.1306	.2606	.1673	.0055	.0024	.0066
.204	2.88 (60.23)	16.10	1.1205	.3102	.2024	-.0013	.0015	.0038
.204	2.89 (60.44)	18.09	1.1236	.3589	.2259	.0019	.0023	.0072



TABLE 44 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = -4.107 DEGREES AND QINF = 2.90 KN/SQM ( 60.52 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.7442	124E	-.3274	* 214A	-.6890	226E	-.3853	* 313A	-.2937	327E	-.4511
* 113A	-.7660	125E	-.2461	* 213A	-.6072	227E	-.3619	* 312A	-.2339	328E	-.4181
* 112A	.2352	126E	-.2695	* 212A	-.5987	228E	-.3508	* 311A	-.2376	329E	-.3535
* 111A	-.7551	127E	-.2238	* 211A	-.5328	229E	-.2873	* 310A	-.2391	330E	-.2851
* 110A	-.7757	128E	-.1659	* 210A	-.7076	259E	-.2461	* 309A	-.2050		
* 109A	-.8183	129E	-.1125	* 209A	-.6650	260E	-.1860	* 308A	-.2050		
* 108A	-.8268	161E	-.0757	* 208A	-.6735			* 301A	-.2050		
* 101A	-.0858	162E	-.0434	* 201A	-.5713			* 302A	.0164		
* 102A	.6808			* 202A	.2975			* 303A	.7149		
* 103A	.7319			* 203A	.7234			* 304A	.7575		
* 104A	.5190			* 204A	.7404			* 305A	.6553		
* 105A	.3060			* 206A	.4764			* 307A	.2209		
* 106A	.1868			* 207A	.0590			* 345E	-.2473		
* 107A	-.0517			* 264E	-.1168			* 344E	-.2461		
* 166E	.0306			* 263E	-.1413			* 343E	-.2473		
* 165E	.1179			* 262E	-.2313			* 342E	-.2485		
* 164E	.1615			* 255E	-.2613			* 341E	-.2546		
* 156E	.1015			* 254E	-.3377			* 340E	-.2571		
* 155E	.0824			* 253E	-.4332			* 339E	-.2742		
* 154E	.0797			* 252E	-.5014			* 338E	-.2668		
* 153E	.0142			* 239E	-.5342			* 337E	-.2729		
* 139E	-.0158			* 238E	-.6733			* 336E	-.2705		
* 138E	-.0677			* 237E	-.3925			* 335E	-.2754		
* 137E	-.1760			* 236E	-.7171			* 334E	-.2729		
* 136E	-.2995			* 235E	-.6756			* 333E	-.2620		
* 135E	-.4114			* 234E	-.6451			* 332E	-.2632		
* 134E	-.1723			* 233E	-.6524			* 331E	-.2705		
* 133E	-.6406			* 232E	-.6536			* 314E	-.3132		
* 132E	-.6569			* 231E	-.6719			* 315E	-.2987		
* 131E	-.6760			* 230E	-.6829			* 316E	-.3328		
* 130E	-1.0007			* 215E	-.8037			* 317E	-.4180		
* 115E	-1.0989			* 216E	-.8013			* 318E	-.4946		
* 116E	-.9290			* 217E	.5360			* 319E	-.6139		
* 117E	.6553			* 218E	-.2136			* 320E	-.4350		
* 118E	-.1369			* 219E	-.4521			* 321E	-.4242		
* 119E	-.5543			* 220E	-.5117			* 322E	-.4255		
* 120E	-.5713			* 222E	-.3308			* 323E	-.4133		
* 121E	-.4243			* 223E	-.3363			* 324E	-.4145		
* 122E	-.3564			* 224E	-.3363			* 325E	-.4596		
* 123E	-.3642			* 225E	-.3352			* 326E	-.4718		

TABLE 45 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = .012 DEGREES AND QINF = 2.90 KN/SQM ( 60.17 LB/SQFT )

```

*****
*          WING STATION A          *          WING STATION B          *          WING STATION C          *
* TAP ID   CP   TAP ID   CP   * TAP ID   CP   TAP ID   CP   * TAP ID   CP   TAP ID   CP   *
* 114A   -.4776  124E   -.4373 * 214A   -.5568  226E   -.3849 * 313A   -.5459  327E   -.2650 *
* 113A   -.4695  125E   -.3125 * 213A   -.5605  227E   -.3270 * 312A   -.5520  328E   -.1686 *
* 112A   -.0408  126E   -.3102 * 212A   -.5593  228E   -.2623 * 311A   -.5629  329E   -.0904 *
* 111A   -.4503  127E   -.2467 * 211A   -.5629  229E   -.1453 * 310A   -.5722  330E   -.0574 *
* 110A   -.4613  128E   -.1810 * 210A   -.5551  259E   -.0885 * 309A   -.5551
* 109A   -.5807  129E   -.1119 * 209A   -.5551  260E   -.0272 * 308A   -.5466
* 108A   -.2482  161E   -.0762 * 208A   -.6062
* 101A   .4678   162E   -.0339 * 201A   -.5381
* 102A   .7065
* 103A   .4422
* 104A   .1183
* 105A   -.0095
* 106A   -.1289
* 107A   -.2141
* 166E   .0411
* 165E   .2049
* 164E   .2322
* 156E   .2349
* 155E   .2322
* 154E   .2158
* 153E   .1940
* 139E   .1612
* 136E   .1230
* 137E   .0247
* 136E   -.1145
* 135E   -.1446
* 134E   -.1964
* 133E   -.4039
* 132E   -.5186
* 131E   -.4776
* 130E   -.4940
* 115E   -.6169
* 116E   -.5040
* 117E   .7321
* 118E   -.4358
* 119E   -.9131
* 120E   -.9131
* 121E   -.6479
* 122E   -.5554
* 123E   -.4852
* 202A   .5786
* 203A   .7662
* 204A   .6809
* 206A   .3229
* 207A   -.0777
* 264E   .0247
* 263E   .1694
* 262E   .1858
* 255E   .1285
* 254E   .1394
* 253E   .0438
* 252E   -.0081
* 239E   -.0490
* 238E   -.1528
* 237E   -.1881
* 236E   -.4128
* 235E   -.5666
* 234E   -.5984
* 233E   -.5727
* 232E   -.5691
* 231E   -.5727
* 230E   -.5800
* 215E   -.5617
* 216E   -.5381
* 217E   -.5466
* 218E   -.5040
* 219E   -.6830
* 220E   -.7256
* 222E   -.4941
* 223E   -.4551
* 224E   -.4317
* 225E   -.3860
* 301A   -.5636
* 302A   -.0095
* 303A   .7491
* 304A   .7235
* 305A   .5871
* 307A   .0416
* 345E   .0378
* 344E   .0329
* 343E   .0036
* 342E   -.0330
* 341E   -.0782
* 340E   -.1258
* 339E   -.1759
* 338E   -.2430
* 337E   -.3480
* 336E   -.3920
* 335E   -.4421
* 334E   -.4909
* 333E   -.5410
* 332E   -.5703
* 331E   -.5813
* 314E   -.5398
* 315E   -.5722
* 316E   -.5807
* 317E   -.5636
* 318E   -.5892
* 319E   -.6062
* 320E   -.5210
* 321E   -.4421
* 322E   -.4372
* 323E   -.3993
* 324E   -.3639
* 325E   -.3615
* 326E   -.3358
*****

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TABLE 46 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = 4.080 DEGREES AND QINF = 2.89 KN/SQM ( 60.36 LB/SQFT )

*****												
* TAP ID	WING STATION A		* CP	* TAP ID	WING STATION B		* CP	* TAP ID	WING STATION C		* CP	*
* TAP ID	CP	TAP ID	CP	* TAP ID	CP	TAP ID	CP	* TAP ID	CP	TAP ID	CP	*
* 114A	-.2723	124E	-.5402	* 214A	-.4714	226E	-.4308	* 313A	-.5057	327E	-.2305	*
* 113A	-.2450	125E	-.3795	* 213A	-.4714	227E	-.3404	* 312A	-.5216	328E	-.1497	*
* 112A	-.1246	126E	-.3214	* 212A	-.4690	228E	-.2689	* 311A	-.5057	329E	-.1130	*
* 111A	-.2750	127E	-.2343	* 211A	-.4555	229E	-.1796	* 310A	-.6090	330E	-.0861	*
* 110A	-.3016	128E	-.1673	* 210A	-.5663	250E	-.1461	* 309A	-.6005			*
* 109A	-.1649	129E	-.1093	* 209A	-.5663	260E	-.1171	* 308A	-.6005			*
* 108A	.3133	161E	-.0791	* 208A	-.6859			* 301A	-.7627			*
* 101A	.6890	162E	-.0568	* 201A	-.5407			* 302A	.2791			*
* 102A	.4414			* 202A	.7147			* 303A	.7317			*
* 103A	-.0795			* 203A	.6549			* 304A	.5353			*
* 104A	-.4041			* 204A	.4414			* 305A	.3560			*
* 105A	-.4553			* 206A	.0315			* 307A	-.2076			*
* 106A	-.4638			* 207A	-.3528			* 345E	.2013			*
* 107A	-.3955			* 264E	-.1055			* 344E	.2234			*
* 166E	-.0070			* 263E	.2392			* 343E	.2185			*
* 165E	.2310			* 262E	.2747			* 342E	.1940			*
* 164E	.2693			* 255E	.2474			* 341E	.1536			*
* 156E	.2857			* 254E	.2638			* 340E	.0876			*
* 155E	.2884			* 253E	.2173			* 339E	.0497			*
* 154E	.2775			* 252E	.1626			* 338E	-.0152			*
* 153E	.2528			* 239E	.1352			* 337E	.0705			*
* 139E	.2337			* 238E	.0532			* 336E	.1536			*
* 138E	.1954			* 237E	-.0604			* 335E	.0619			*
* 137E	.0805			* 236E	.0631			* 334E	-.3577			*
* 136E	-.0672			* 235E	.1732			* 333E	-.5448			*
* 135E	-.0535			* 234E	.2283			* 332E	-.6048			*
* 134E	.0477			* 233E	-.2317			* 331E	-.6831			*
* 133E	.2528			* 232E	-.6219			* 314E	-.8188			*
* 132E	-.1629			* 231E	-.6207			* 315E	-.7713			*
* 131E	-.3899			* 230E	-.7528			* 316E	-.8737			*
* 130E	-.3927			* 215E	-.7990			* 317E	-.9335			*
* 115E	-.3434			* 216E	-.8054			* 318E	-.9421			*
* 116E	-.3187			* 217E	-1.0275			* 319E	-.9079			*
* 117E	-.4553			* 218E	-1.1470			* 320E	-.7542			*
* 118E	-.9506			* 219E	-1.1812			* 321E	-.6195			*
* 119E	-1.4374			* 220E	-1.2580			* 322E	-.5485			*
* 120E	-1.3861			* 222E	-.7390			* 323E	-.4763			*
* 121E	-.9757			* 223E	-.6497			* 324E	-.4042			*
* 122E	-.7434			* 224E	-.5693			* 325E	-.3528			*
* 123E	-.6340			* 225E	-.4855			* 326E	-.2965			*
*****												

TABLE 47 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = 8.122 DEGREES AND QINF = 2.89 KN/SQM ( 60.40 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1047	124E	-.6173	214A	-.4704	226E	-.4544	313A	-.4839	327E	-.2773
113A	-.1266	125E	-.4042	213A	-.6049	227E	-.3439	312A	-.6123	328E	-.2345
112A	-.1238	126E	-.3294	212A	-.6110	228E	-.2759	311A	-.5927	329E	-.2150
111A	-.2031	127E	-.2324	211A	-.5780	229E	-.2261	310A	-.7359	330E	-.1917
110A	-.0447	128E	-.1699	210A	-.6847	259E	-.2000	309A	-.7274		
109A	.2626	129E	-.1130	209A	-.8128	260E	-.1888	308A	-1.0346		
108A	.6722	161E	-.1029	208A	-.3263			301A	-.6165		
101A	.6125	162E	-.0906	201A	.1175			302A	.5698		
102A	-.2154			202A	.7064			303A	.6295		
103A	-.3810			203A	.3650			304A	.2626		
104A	-1.1371			204A	.1004			305A	.0748		
105A	-.9920			206A	-.3263			307A	-.5055		
106A	-.8810			207A	-.7615			345E	.2349		
107A	-.6506			264E	-.2496			344E	.2887		
166E	-.0282			263E	.2780			343E	.2850		
165E	.2424			262E	.3272			342E	.2704		
164E	.2998			255E	.3108			341E	.2019		
156E	.3135			254E	.3299			340E	.1127		
155E	.3135			253E	.2807			339E	.0442		
154E	.3162			252E	.2014			338E	-.0316		
153E	.2998			239E	.1495			337E	.0369		
139E	.2752			238E	.0429			336E	.1904		
138E	.2370			237E	-.0756			335E	.2569		
137E	.1386			236E	.0332			334E	.4782		
136E	-.0063			235E	.1249			333E	.7337		
135E	.0347			234E	.2826			332E	-.3189		
134E	.1386			233E	.5075			331E	-1.4203		
133E	.3900			232E	.7361			314E	-2.4203		
132E	.7098			231E	-.0670			315E	-1.7942		
131E	.0128			230E	-2.1354			316E	-1.4528		
130E	-.7361			215E	-2.2980			317E	-1.5296		
115E	-.5448			216E	-1.8113			318E	-1.4102		
116E	-.3519			217E	-1.7515			319E	-1.4358		
117E	-.8213			218E	-1.9478			320E	-.9664		
118E	-1.6064			219E	-1.8283			321E	-.7406		
119E	-1.9478			220E	-2.0076			322E	-.6184		
120E	-1.8454			222E	-.9052			323E	-.5279		
121E	-1.2533			223E	-.7635			324E	-.4313		
122E	-.9197			224E	-.6686			325E	-.3653		
123E	-.7702			225E	-.5358			326E	-.3176		

TABLE 48 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = 12.214 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.0506	124E	-.6907	* 214A	-.4663	226E	-.5188	* 313A	-.5238	327E	-.2816
* 113A	-.0424	125E	-.4462	* 213A	-.5263	227E	-.3971	* 312A	-.4957	328E	-.2486
* 112A	-.0451	126E	-.3681	* 212A	-.5336	228E	-.3346	* 311A	-.4700	329E	-.2291
* 111A	-.0615	127E	-.2911	* 211A	-.5116	229E	-.2810	* 310A	-.3526	330E	-.2144
* 110A	.2280	128E	-.2832	* 210A	-.3612	259E	-.2665	* 309A	-.3099		
* 109A	.5610	129E	-.1261	* 209A	-.2928	260E	-.2531	* 308A	-.1648		
* 108A	.6720	161E	-.1058	* 208A	.3902			* 301A	.3390		
* 101A	.0060	162E	-.0756	* 201A	.5695			* 302A	.7403		
* 102A	-1.4028			* 202A	.1938			* 303A	.1341		
* 103A	-1.9749			* 203A	-.3697			* 304A	-.2758		
* 104A	-2.0176			* 204A	-.5405			* 305A	-.3953		
* 105A	-1.4882			* 206A	-.7368			* 307A	-.9332		
* 106A	-1.2918			* 207A	-1.1040			* 345E	.2345		
* 107A	-.8649			* 264E	-.2311			* 344E	.2895		
* 166E	-.0096			* 263E	.3131			* 343E	.2883		
* 165E	.2639			* 262E	.3678			* 342E	.2736		
* 164E	.3131			* 255E	.3459			* 341E	.2100		
* 156E	.3350			* 254E	.3705			* 340E	.1256		
* 155E	.3350			* 253E	.3268			* 339E	.0865		
* 154E	.3049			* 252E	.2611			* 338E	.0241		
* 153E	.3186			* 239E	.2229			* 337E	.1183		
* 139E	.2885			* 238E	.1353			* 336E	.1880		
* 138E	.2666			* 237E	-.0248			* 335E	.3433		
* 137E	.1818			* 236E	.1501			* 334E	.5060		
* 136E	.0752			* 235E	.2565			* 333E	.7555		
* 135E	.1408			* 234E	.4008			* 332E	.6160		
* 134E	.2557			* 233E	.5867			* 331E	-.4223		
* 133E	.4526			* 232E	.7750			* 314E	-3.3013		
* 132E	.6823			* 231E	.4974			* 315E	-2.4701		
* 131E	.6877			* 230E	-1.6380			* 316E	-2.4103		
* 130E	-.0807			* 215E	-3.8321			* 317E	-2.3250		
* 115E	-.7999			* 216E	-2.3762			* 318E	-1.9920		
* 116E	-.3953			* 217E	-3.0678			* 319E	-2.0347		
* 117E	-1.5053			* 218E	-2.8458			* 320E	-1.1979		
* 118E	-2.4274			* 219E	-2.3847			* 321E	-.9396		
* 119E	-2.6409			* 220E	-2.6409			* 322E	-.7733		
* 120E	-2.3847			* 222E	-1.1171			* 323E	-.6363		
* 121E	-1.5223			* 223E	-.9195			* 324E	-.4908		
* 122E	-1.0758			* 224E	-.7789			* 325E	-.4027		
* 123E	-.8559			* 225E	-.6204			* 326E	-.3379		

TABLE 49 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = 16.277 DEGREES AND QINF = 2.89 KN/SQM ( 60.39 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.2773	124E	-.6895	* 214A	-.2585	226E	-.4842	* 313A	-.2890	327E	-.4590
* 113A	.1188	125E	-.4786	* 213A	-.3612	227E	-.3971	* 312A	-.2903	328E	-.3942
* 112A	-.6097	126E	-.4819	* 212A	-.3612	228E	-.3502	* 311A	-.2682	329E	-.3477
* 111A	.0477	127E	-.4786	* 211A	-.3159	229E	-.3302	* 310A	-.0880	330E	-.3196
* 110A	.4326	128E	-.4685	* 210A	.0229	259E	-.3212	* 309A	.1983		
* 109A	.6716	129E	-.4786	* 209A	.2619	260E	-.3212	* 308A	.4326		
* 108A	.5009	161E	-.4239	* 208A	.7570			* 301A	.7228		
* 101A	-.5404	162E	-.4328	* 201A	.6289			* 302A	.1851		
* 102A	-2.1792			* 202A	-.7026			* 303A	-.8050		
* 103A	-2.5804			* 203A	-1.2659			* 304A	-1.0099		
* 104A	-2.3755			* 204A	-1.1976			* 305A	-.9330		
* 105A	-1.7354			* 206A	-1.2147			* 307A	-1.3598		
* 106A	-1.4110			* 207A	-1.5732			* 345E	.1890		
* 107A	-.9416			* 264E	-.3487			* 344E	.2587		
* 166E	-.3460			* 263E	.2801			* 343E	.2697		
* 165E	.1434			* 262E	.3484			* 342E	.2624		
* 164E	.2281			* 255E	.3375			* 341E	.2147		
* 156E	.2691			* 254E	.3648			* 340E	.1401		
* 155E	.2828			* 253E	.3375			* 339E	.1205		
* 154E	.2992			* 252E	.2719			* 338E	.0753		
* 153E	.2855			* 239E	.2500			* 337E	.1915		
* 139E	.2746			* 238E	.1816			* 336E	.2709		
* 138E	.2473			* 237E	-.0152			* 335E	.4286		
* 137E	.1816			* 236E	.2184			* 334E	.5668		
* 136E	.1024			* 235E	.3333			* 333E	.7502		
* 135E	.1926			* 234E	.4739			* 332E	.6365		
* 134E	.3156			* 233E	.6377			* 331E	-.1790		
* 133E	.5015			* 232E	.7710			* 314E	-3.3187		
* 132E	.6792			* 231E	.5142			* 315E	-2.9303		
* 131E	.6874			* 230E	-1.4236			* 316E	-3.0328		
* 130E	.1898			* 215E	-3.7234			* 317E	-2.8706		
* 115E	-.5045			* 216E	-2.9730			* 318E	-2.3755		
* 116E	-.2587			* 217E	-3.8607			* 319E	-2.2987		
* 117E	-1.5817			* 218E	-3.5705			* 320E	-1.3598		
* 118E	-2.4524			* 219E	-2.8791			* 321E	-1.0263		
* 119E	-2.5462			* 220E	-3.0754			* 322E	-.8429		
* 120E	-2.2134			* 222E	-1.2229			* 323E	-.7353		
* 121E	-1.3948			* 223E	-.9874			* 324E	-.6473		
* 122E	-1.0142			* 224E	-.8000			* 325E	-.5751		
* 123E	-.8167			* 225E	-.6080			* 326E	-.5091		

TABLE 50 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = 20.301 DEGREES AND QINF = 2.90 KN/SQM ( 60.58 LB/SQFT )

*****														
WING STATION A				WING STATION B				WING STATION C						
TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*
114A	.5733	124E	-.6938	*	214A	.6617	226E	-.6762	*	313A	-.0882	327E	-.6025	*
113A	.3116	125E	-.4946	*	213A	-.1406	227E	-.6048	*	312A	-.1211	328E	-.5465	*
112A	.1127	126E	-.5458	*	212A	-.1674	228E	-.5903	*	311A	-.0894	329E	-.5111	*
111A	.2517	127E	-.5747	*	211A	-.1223	229E	-.5625	*	310A	.2295	330E	-.4612	*
110A	.6039	128E	-.5870	*	210A	.2806	259E	-.5469	*	309A	.4578			*
109A	.6805	129E	-.6048	*	209A	.5529	260E	-.5302	*	308A	.7486			*
108A	.1785	161E	-.5747	*	208A	.6720			*	301A	.7316			*
101A	-1.5233	162E	-.5836	*	201A	.2806			*	302A	-.7575			*
102A	-3.4207			*	202A	-1.7105			*	303A	-1.7615			*
103A	-3.4803			*	203A	-2.1019			*	304A	-1.7020			*
104A	-3.2420			*	204A	-1.7870			*	305A	-1.4297			*
105A	-2.1104			*	206A	-1.4552			*	307A	-1.6169			*
106A	-1.7105			*	207A	-1.6764			*	345E	.1738			*
107A	-1.1319			*	264E	-.5250			*	344E	.2567			*
166E	-.4160			*	263E	.2517			*	343E	.2701			*
165E	.1100			*	262E	.3253			*	342E	.2665			*
164E	.2135			*	255E	.3334			*	341E	.2226			*
156E	.2571			*	254E	.3552			*	340E	.1458			*
155E	.2789			*	253E	.3225			*	339E	.1458			*
154E	.3035			*	252E	.2680			*	338E	.1202			*
153E	.2926			*	239E	.2381			*	337E	.2531			*
139E	.2789			*	238E	.1945			*	336E	.3372			*
138E	.2490			*	237E	.0166			*	335E	.4846			*
137E	.1999			*	236E	.2652			*	334E	.6321			*
136E	.1563			*	235E	.3932			*	333E	.7613			*
135E	.2571			*	234E	.5334			*	332E	.6406			*
134E	.3961			*	233E	.6845			*	331E	-.0870			*
133E	.5651			*	232E	.7796			*	314E	-3.1718			*
132E	.6926			*	231E	-.5480			*	315E	-3.0548			*
131E	.7041			*	230E	-1.0754			*	316E	-3.4207			*
130E	.3498			*	215E	-3.1571			*	317E	-3.1655			*
115E	-.2198			*	216E	-3.0548			*	318E	-2.5764			*
116E	-.1874			*	217E	-3.8036			*	319E	-2.4848			*
117E	-1.8211			*	218E	-3.3867			*	320E	-1.2765			*
118E	-2.6975			*	219E	-2.4337			*	321E	-1.0376			*
119E	-2.7826			*	220E	-2.2210			*	322E	-.8950			*
120E	-2.2805			*	222E	-1.0453			*	323E	-.8207			*
121E	-1.4769			*	223E	-.9530			*	324E	-.7488			*
122E	-1.0397			*	224E	-.8540			*	325E	-.7134			*
123E	-.8417			*	225E	-.7694			*	326E	-.6684			*
*****														

TABLE 51 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = 24.327 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.7239	124E	-.6639	* 214A	.2641	226E	-.6818	* 313A	.0843	327E	-.6508
* 113A	.6938	125E	-.4976	* 213A	.0451	227E	-.6718	* 312A	.0243	328E	-.6202
* 112A	.2672	126E	-.5869	* 212A	.0305	228E	-.6461	* 311A	.0696	329E	-.5995
* 111A	.2508	127E	-.6003	* 211A	.0879	229E	-.6204	* 310A	.3624	330E	-.5566
* 110A	.6784	128E	-.6439	* 210A	.4905	259E	-.6014	* 309A	.5930		
* 109A	.5503	129E	-.6517	* 209A	.7381	260E	-.5724	* 308A	.7638		
* 108A	-.3805	161E	-.6215	* 208A	.5417			* 301A	.5503		
* 101A	-2.7031	162E	-.6115	* 201A	-.0218			* 302A	-1.5076		
* 102A	-4.6415			* 202A	-2.4982			* 303A	-2.4640		
* 103A	-4.4622			* 203A	-2.5067			* 304A	-2.0114		
* 104A	-4.0352			* 204A	-2.1310			* 305A	-1.7638		
* 105A	-2.4555			* 206A	-1.4308			* 307A	-1.7211		
* 106A	-1.9175			* 207A	-1.6272			* 345E	.1320		
* 107A	-1.3283			* 264E	-.5752			* 344E	.2262		
* 166E	-.4795			* 263E	.2234			* 343E	.2359		
* 165E	.0675			* 262E	.3027			* 342E	.2347		
* 164E	.1687			* 255E	.3027			* 341E	.1993		
* 156E	.2261			* 254E	.3355			* 340E	.1344		
* 155E	.2535			* 253E	.3055			* 339E	.1454		
* 154E	.2836			* 252E	.2508			* 338E	.1283		
* 153E	.2916			* 239E	.2343			* 337E	.2812		
* 139E	.2808			* 238E	.1851			* 336E	.3680		
* 138E	.2699			* 237E	.0757			* 335E	.5234		
* 137E	.2343			* 236E	.3020			* 334E	.6506		
* 136E	.2097			* 235E	.4280			* 333E	.7595		
* 135E	.3273			* 234E	.5686			* 332E	.6469		
* 134E	.4668			* 233E	.6983			* 331E	.0121		
* 133E	.6254			* 232E	.7705			* 314E	-2.8195		
* 132E	.7212			* 231E	.5833			* 315E	-2.9337		
* 131E	.7020			* 230E	-.7548			* 316E	-3.2240		
* 130E	.3984			* 215E	-2.5504			* 317E	-2.8995		
* 115E	.0128			* 216E	-2.6946			* 318E	-2.1737		
* 116E	-.1499			* 217E	-3.2667			* 319E	-1.6357		
* 117E	-2.0712			* 218E	-2.7800			* 320E	-1.0721		
* 118E	-2.9251			* 219E	-1.7297			* 321E	-.9101		
* 119E	-2.9507			* 220E	-1.2454			* 322E	-.8270		
* 120E	-2.3189			* 222E	-.8683			* 323E	-.7793		
* 121E	-1.5292			* 223E	-.8225			* 324E	-.7267		
* 122E	-1.0737			* 224E	-.7734			* 325E	-.6802		
* 123E	-.8314			* 225E	-.7287			* 326E	-.6802		



TABLE 52 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = 28.372 DEGREES AND QINF = 2.91 KN/SQM ( 60.83 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.6925	124E	-.6389	* 214A	.4557	226E	-.6765	* 313A	.3137	327E	-.6756
* 113A	.7278	125E	-.6920	* 213A	.1438	227E	-.6943	* 312A	.1899	328E	-.6501
* 112A	.4075	126E	-.6365	* 212A	.1195	228E	-.6854	* 311A	.2348	329E	-.6452
* 111A	.4103	127E	-.6799	* 211A	.1656	229E	-.6699	* 310A	.5697	330E	-.6088
* 110A	.7562	128E	-.6909	* 210A	.6036	259E	-.6743	* 309A	.7392		
* 109A	.5867	129E	-.6743	* 209A	.7477	260E	-.6743	* 308A	.7053		
* 108A	-.3624	161E	-.6965	* 208A	.2054			* 301A	.1461		
* 101A	-1.9046	162E	-.6765	* 201A	-.9217			* 302A	-2.7266		
* 102A	-2.7181			* 202A	-3.2604			* 303A	-3.4553		
* 103A	-2.0741			* 203A	-2.9977			* 304A	-2.7605		
* 104A	-1.9639			* 204A	-2.7266			* 305A	-1.8877		
* 105A	-2.0063			* 206A	-1.5487			* 307A	-1.8538		
* 106A	-2.2097			* 207A	-1.6419			* 345E	.1292		
* 107A	-1.9555			* 264E	-.6591			* 344E	.2251		
* 166E	-.5424			* 263E	.2148			* 343E	.2364		
* 165E	.0221			* 262E	.2963			* 342E	.2433		
* 164E	.1416			* 255E	.3071			* 341E	.2057		
* 156E	.1931			* 254E	.3343			* 340E	.1450		
* 155E	.2311			* 253E	.3044			* 339E	.1680		
* 154E	.2610			* 252E	.2691			* 338E	.1571		
* 153E	.2664			* 239E	.2393			* 337E	.3234		
* 139E	.2800			* 238E	.1986			* 336E	.4108		
* 138E	.2637			* 237E	.1013			* 335E	.5686		
* 137E	.2501			* 236E	.3416			* 334E	.6778		
* 136E	.2447			* 235E	.4654			* 333E	.7592		
* 135E	.3750			* 234E	.5916			* 332E	.6402		
* 134E	.5324			* 233E	.7155			* 331E	.0770		
* 133E	.6898			* 232E	.7604			* 314E	-2.5618		
* 132E	.7739			* 231E	.5807			* 315E	-2.8791		
* 131E	.7414			* 230E	-.6731			* 316E	-3.3028		
* 130E	.4265			* 215E	-2.4088			* 317E	-2.9130		
* 115E	-.0756			* 216E	-2.6418			* 318E	-2.0233		
* 116E	-.4641			* 217E	-3.2350			* 319E	-1.4047		
* 117E	-2.6249			* 218E	-2.6927			* 320E	-.9894		
* 118E	-2.3198			* 219E	-1.5572			* 321E	-.9001		
* 119E	-1.6165			* 220E	-.9810			* 322E	-.8540		
* 120E	-1.2352			* 222E	-.7895			* 323E	-.8030		
* 121E	-.9070			* 223E	-.7452			* 324E	-.7265		
* 122E	-.7009			* 224E	-.6976			* 325E	-.7059		
* 123E	-.6632			* 225E	-.6754			* 326E	-.6901		

TABLE 53 .- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 21

ALPHA	COMPONENT-STATION					
	A-A	F-A	A-B	E-B	A-C	E-C
-4.107	-.11890	-.01012	-.16017	-.19378	-.10556	.16114
.012	-.06740	.30014	-.14205	.12093	-.13722	.10048
4.080	-.00129	.60004	-.10698	.58627	-.11529	.44270
8.122	.08403	.83455	-.08112	.92881	-.10028	.75461
12.214	.18767	1.06434	.00662	1.24046	-.03060	1.00543
16.277	.24963	1.11601	.12310	1.39884	.08315	1.21486
20.301	.35215	1.21963	.22551	1.40898	.19246	1.35789
24.327	.44646	1.28321	.28305	1.26010	.26449	1.26660
28.372	.32809	1.15382	.35192	1.21978	.35372	1.28167

TABLE 54 .- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 21

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-4.107	-.01125	-.04312	-.01125	-.00523	-.00759	-.00074
.012	.01224	-.02092	-.00470	-.04429	-.00940	-.03846
4.080	.03323	-.04916	-.00288	-.08083	-.00835	-.06883
8.122	.04648	-.07049	.01804	-.14712	-.00430	-.11827
12.214	.03739	-.09804	.04114	-.21293	.02969	-.16183
16.277	.02220	-.07479	.04895	-.25028	.04454	-.18115
20.301	-.00529	-.07193	.03606	-.21249	.04630	-.18411
24.327	-.04106	-.07581	.01992	-.16222	.03786	-.15839
28.372	-.01400	-.05735	-.00267	-.15089	.02039	-.15088

TABLE 55 .- PITCHING-MOMENT COEFFICIENT FOR RUN 21

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-4.107	.00732	-.04595	.01161	.05919	.00789	-.07500
.012	.00356	-.16149	.00972	-.08860	.00984	-.06264
4.080	-.00080	-.23364	.00660	-.24552	.00765	-.19490
8.122	-.00595	-.28824	.00400	-.30824	.00561	-.25803
12.214	-.01158	-.34606	-.00148	-.39209	.00077	-.30677
16.277	-.01498	-.39179	-.00902	-.42079	-.00689	-.38334
20.301	-.02063	-.43441	-.01553	-.47650	-.01375	-.44797
24.327	-.02561	-.45336	-.01870	-.45858	-.01832	-.43774
28.372	-.02105	-.45077	-.02297	-.45907	-.02310	-.45131

TABLE 56 .- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 21 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.206	2.90 (60.47)	-6.05	-.2322	.1437	-.2136	.0011	.0037	-.0132
.206	2.90 (60.47)	-4.11	-.1131	.1203	-.1504	.0006	.0029	-.0103
.206	2.89 (60.45)	-2.00	.0226	.0961	-.0841	.0011	.0022	-.0078
.206	2.89 (60.42)	.01	.2045	.0762	-.0342	.0008	.0024	-.0043
.206	2.89 (60.31)	2.12	.3959	.0627	-.0093	.0024	.0023	-.0062
.206	2.89 (60.31)	4.08	.5979	.0630	.0138	.0011	.0020	-.0028
.206	2.89 (60.30)	6.08	.7777	.0702	.0375	.0001	.0016	-.0031
.206	2.89 (60.35)	8.12	.9751	.0825	.0733	.0005	.0016	.0021
.206	2.89 (60.41)	10.19	1.1701	.0947	.1053	.0024	.0012	.0018
.206	2.89 (60.32)	12.21	1.3410	.1212	.1465	-.0022	.0008	.0053
.206	2.88 (60.24)	14.29	1.4350	.1557	.1524	-.0058	.0001	.0069
.206	2.89 (60.34)	16.28	1.5299	.2013	.1515	-.0044	.0018	.0022
.206	2.89 (60.40)	18.29	1.6314	.2485	.1846	-.0079	.0000	.0041
.206	2.90 (60.53)	20.30	1.6817	.3085	.2308	-.0101	-.0021	.0087
.206	2.89 (60.46)	22.34	1.7190	.3709	.2627	-.0060	-.0013	.0086
.206	2.89 (60.32)	24.33	1.7540	.4377	.3046	-.0046	-.0004	.0064
.206	2.89 (60.44)	26.31	1.7631	.5101	.3305	-.0060	-.0013	.0040
.207	2.91 (60.78)	28.37	1.6903	.5615	.3309	-.0058	.0000	.0075

TABLE 57 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = -4.010 DEGREES AND QINF = 2.90 KN/SQM ( 60.56 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.7512	124E	-.3532	214A	-.6878	226E	-.3933	313A	-.2501	327E	-.4501
113A	-.7675	125E	-.2675	213A	-.6220	227E	-.3855	312A	-.2330	328E	-.4123
112A	-.7566	126E	-.2875	212A	-.6061	228E	-.3599	311A	-.2391	329E	-.3586
111A	-.7539	127E	-.2363	211A	-.6000	229E	-.2896	310A	-.2127	330E	-.2830
110A	-.8256	128E	-.1818	210A	-.6894	259E	-.2441	309A	-.1957		
109A	-.8511	129E	-.1251	209A	-.6723	260E	-.1662	308A	-.1957		
108A	-.9447	161E	-.0828	208A	-.6638			301A	-.2042		
101A	-.5447	162E	-.0438	201A	-.5106			302A	.0341		
102A	.4342			202A	.2895			303A	.7065		
103A	.7746			203A	.7491			304A	.7576		
104A	.6810			204A	.7832			305A	.6555		
105A	.5193			206A	.5193			307A	.2044		
106A	.3576			207A	.1107			345E	-.2526		
107A	.0426			264E	-.0942			344E	-.2501		
166E	.0258			263E	-.1623			343E	-.2526		
165E	.1239			262E	-.2468			342E	-.2611		
164E	.1157			255E	-.2796			341E	-.2623		
156E	.0994			254E	-.3232			340E	-.2635		
155E	.0967			253E	-.4131			339E	-.2635		
154E	.0476			252E	-.5031			338E	-.2733		
153E	.0012			239E	-.5167			337E	-.2769		
139E	-.0342			238E	-.6858			336E	-.2733		
138E	-.0669			237E	-.4013			335E	-.2660		
137E	-.2005			236E	-.7220			334E	-.2696		
136E	-.3314			235E	-.6793			333E	-.2599		
135E	-.4840			234E	-.6525			332E	-.2672		
134E	-.6121			233E	-.6573			331E	-.2757		
133E	-.6721			232E	-.6744			314E	-.3147		
132E	-.6830			231E	-.6744			315E	-.3149		
131E	-.7512			230E	-.6817			316E	-.3404		
130E	-1.0701			215E	-.8231			317E	-.4085		
115E	-1.0238			216E	-.7490			318E	-.5191		
116E	-.8937			217E	.5874			319E	-.6383		
117E	.5363			218E	-.1702			320E	-.4766		
118E	-.2468			219E	-.4085			321E	-.4232		
119E	-.6213			220E	-.4936			322E	-.4281		
120E	-.6468			222E	-.3398			323E	-.4086		
121E	-.4411			223E	-.3532			324E	-.4208		
122E	-.3966			224E	-.3554			325E	-.4586		
123E	-.3688			225E	-.3465			326E	-.4732		

TABLE 58 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = .002 DEGREES AND QINF = 2.90 KN/SQM ( 60.52 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.5501	124E	-.4517	* 214A	-.5678	226E	-.3882	* 313A	-.5580	327E	-.2811
* 113A	-.5419	125E	-.3225	* 213A	-.5678	227E	-.3314	* 312A	-.5726	328E	-.1749
* 112A	-.5473	126E	-.3158	* 212A	-.5678	228E	-.2613	* 311A	-.5702	329E	-.0993
* 111A	-.5173	127E	-.2513	* 211A	-.5665	229E	-.1499	* 310A	-.5623	330E	-.0724
* 110A	-.5453	128E	-.1811	* 210A	-.5794	259E	-.0853	* 309A	-.5453		
* 109A	-.5538	129E	-.1165	* 209A	-.6049	260E	-.0263	* 308A	-.5263		
* 108A	-.6901	161E	-.0731	* 208A	-.6475			* 301A	-.5623		
* 101A	.0509	162E	-.0352	* 201A	-.5283			* 302A	-.0257		
* 102A	.7152			* 202A	.5364			* 303A	.7238		
* 103A	.7152			* 203A	.7238			* 304A	.7152		
* 104A	.4427			* 204A	.6386			* 305A	.5790		
* 105A	.2213			* 206A	.2979			* 307A	.0509		
* 106A	.0424			* 207A	-.1109			* 345E	.0398		
* 107A	-.1876			* 264E	.0010			* 344E	.0239		
* 166E	.0419			* 263E	.1592			* 343E	.0008		
* 165E	.2519			* 262E	.1565			* 342E	-.0273		
* 164E	.2847			* 255E	.1401			* 341E	-.0785		
* 156E	.2956			* 254E	.0937			* 340E	-.1383		
* 155E	.2928			* 253E	.0501			* 339E	-.1835		
* 154E	.2710			* 252E	-.0072			* 338E	-.2457		
* 153E	.2356			* 239E	-.0481			* 337E	-.3555		
* 139E	.2028			* 238E	-.1818			* 336E	-.3994		
* 138E	.1401			* 237E	-.2091			* 335E	-.4470		
* 137E	.0337			* 236E	-.4128			* 334E	-.4970		
* 136E	-.1000			* 235E	-.5470			* 333E	-.5543		
* 135E	-.1273			* 234E	-.5958			* 332E	-.5824		
* 134E	-.3619			* 233E	-.5787			* 331E	-.5897		
* 133E	-.5801			* 232E	-.5763			* 314E	-.5983		
* 132E	-.5310			* 231E	-.5873			* 315E	-.5794		
* 131E	-.5225			* 220E	-.5934			* 316E	-.5709		
* 130E	-.5610			* 215E	-.5714			* 317E	-.5453		
* 115E	-.5692			* 216E	-.5879			* 318E	-.6049		
* 116E	-.5453			* 217E	-.5879			* 319E	-.6390		
* 117E	.5960			* 218E	-.5197			* 320E	-.5538		
* 118E	-.6134			* 219E	-.7071			* 321E	-.4677		
* 119E	-1.0223			* 220E	-.7327			* 322E	-.4433		
* 120E	-1.0052			* 222E	-.4751			* 323E	-.4031		
* 121E	-.7245			* 223E	-.4517			* 324E	-.3701		
* 122E	-.5653			* 224E	-.4361			* 325E	-.3665		
* 123E	-.4951			* 225E	-.3904			* 326E	-.3457		

TABLE 59 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = 4.070 DEGREES AND QINF = 2.89 KN/SQM ( 60.43 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.3090	124E	-.5495	* 214A	-.4635	226E	-.4257	* 313A	-.5002	327E	-.2350
* 113A	-.3090	125E	-.3876	* 213A	-.4684	227E	-.3410	* 312A	-.5099	328E	-.1593
* 112A	-.3534	126E	-.3265	* 212A	-.4574	228E	-.2662	* 311A	-.5136	329E	-.1178
* 111A	-.3499	127E	-.2439	* 211A	-.4452	229E	-.1804	* 310A	-.5729	330E	-.0872
* 110A	-.3682	128E	-.1737	* 210A	-.5303	259E	-.1413	* 309A	-.5558		
* 109A	-.4620	129E	-.1146	* 209A	-.5217	260E	-.1146	* 308A	-.5644		
* 108A	-.2403	161E	-.0900	* 208A	-.6411			* 301A	-.7094		
* 101A	.4677	162E	-.0722	* 201A	-.4450			* 302A	.3227		
* 102A	.7236			* 202A	.7662			* 303A	.7577		
* 103A	.4762			* 203A	.6809			* 304A	.5615		
* 104A	.1009			* 204A	.4933			* 305A	.3824		
* 105A	-.0867			* 206A	.0583			* 307A	-.1464		
* 106A	-.2403			* 207A	-.3426			* 345E	.1975		
* 107A	-.3511			* 264E	-.1205			* 344E	.2207		
* 166E	-.0139			* 263E	.2374			* 343E	.2036		
* 165E	.2265			* 262E	.2702			* 342E	.1950		
* 164E	.2729			* 255E	.2483			* 341E	.1571		
* 156E	.3030			* 254E	.2620			* 340E	.0936		
* 155E	.3111			* 253E	.2183			* 339E	.0557		
* 154E	.3002			* 252E	.1718			* 338E	-.0041		
* 153E	.2784			* 239E	.1445			* 337E	.0753		
* 139E	.2456			* 238E	.0598			* 336E	.1339		
* 138E	.2046			* 237E	-.0750			* 335E	.0191		
* 137E	.0981			* 236E	.0557			* 334E	-.3853		
* 136E	-.0522			* 235E	.1681			* 333E	-.5466		
* 135E	-.0085			* 234E	.1510			* 332E	-.6040		
* 134E	.1554			* 233E	-.3132			* 331E	-.6847		
* 133E	.1281			* 232E	-.6077			* 314E	-.7775		
* 132E	-.5412			* 231E	-.6150			* 315E	-.7264		
* 131E	-.4756			* 230E	-.7494			* 316E	-.7691		
* 130E	-.4374			* 215E	-.7995			* 317E	-.8714		
* 115E	-.4264			* 216E	-.8203			* 318E	-.8458		
* 116E	-.3682			* 217E	-1.0506			* 319E	-.8900		
* 117E	-.6156			* 218E	-1.1700			* 320E	-.7008		
* 118E	-1.2211			* 219E	-1.1358			* 321E	-.6236		
* 119E	-1.4941			* 220E	-1.2467			* 322E	-.5503		
* 120E	-1.3917			* 222E	-.7190			* 323E	-.4745		
* 121E	-1.0112			* 223E	-.6320			* 324E	-.4024		
* 122E	-.7870			* 224E	-.5584			* 325E	-.3548		
* 123E	-.6367			* 225E	-.4770			* 326E	-.3022		



TABLE 60 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA \* 8.129 DEGREES AND QINF = 2.89 KN/SQM ( 60.34 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.2097	124E	-.6200	* 214A	-.4670	226E	-.4603	* 313A	-.4400		
* 113A	-.2699	125E	-.4055	* 213A	-.5991	227E	-.3475	* 312A	-.6052	327E	-.2724
* 112A	-.2699	126E	-.3274	* 212A	-.5918	228E	-.2737	* 311A	-.5820	328E	-.2247
* 111A	-.2480	127E	-.2391	* 211A	-.5563	229E	-.2179	* 310A	-.6778	329E	-.2125
* 110A	-.2592	128E	-.1810	* 210A	-.6693	259E	-.1989	* 309A	-.6693	330E	-.1782
* 109A	-.1653	129E	-.1306	* 209A	-.7718	260E	-.1900	* 308A	-.9597		
* 108A	.2533	161E	-.1152	* 208A	-.3674			* 301A	-.5753		
* 101A	.6719	162E	-.1006	* 201A	.0312			* 302A	.6463		
* 102A	.3556			* 202A	.7317			* 303A	.6719		
* 103A	-.1311			* 203A	.3814			* 304A	.3131		
* 104A	-.5155			* 204A	.1423			* 305A	.1252		
* 105A	-.5924			* 206A	-.2507			* 307A	-.4472		
* 106A	-.6522			* 207A	-.6607			* 345E	.2329		
* 107A	-.6266			* 264E	-.2344			* 344E	.2831		
* 166E	-.0483			* 263E	.2909			* 343E	.2819		
* 165E	.2225			* 262E	.3402			* 342E	.2623		
* 164E	.2773			* 255E	.3265			* 341E	.1962		
* 156E	.2992			* 254E	.3375			* 340E	.1081		
* 155E	.3128			* 253E	.2909			* 339E	.0384		
* 154E	.3046			* 252E	.2171			* 338E	-.0363		
* 153E	.2937			* 239E	.1596			* 337E	.0335		
* 139E	.2691			* 238E	.0447			* 336E	.0934		
* 138E	.2362			* 237E	-.0766			* 335E	.2574		
* 137E	.1432			* 236E	.0396			* 334E	.4813		
* 136E	.0009			* 235E	.1351			* 333E	.6000		
* 135E	.0557			* 234E	.2868			* 332E	-.1513		
* 134E	.1815			* 233E	.5107			* 331E	-1.4703		
* 133E	.4934			* 232E	.7640			* 314E	-2.4223		
* 132E	.5454			* 231E	-.0754			* 315E	-1.6687		
* 131E	-.3493			* 230E	-2.0968			* 316E	-1.2843		
* 130E	-1.0168			* 215E	-2.3134			* 317E	-1.4722		
* 115E	-.7350			* 216E	-1.8225			* 318E	-1.3697		
* 116E	-.5497			* 217E	-1.7029			* 319E	-1.3954		
* 117E	-1.2160			* 218E	-1.8652			* 320E	-.9341		
* 118E	-1.8737			* 219E	-1.6858			* 321E	-.7288		
* 119E	-2.0702			* 220E	-1.9079			* 322E	-.6175		
* 120E	-1.8737			* 222E	-.6791			* 323E	-.5220		
* 121E	-1.2979			* 223E	-.7529			* 324E	-.4205		
* 122E	-.9327			* 224E	-.6546			* 325E	-.3593		
* 123E	-.7484			* 225E	-.5429			* 326E	-.3103		

TABLE 61 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = 12.184 DEGREES AND QINF = 2.89 KN/SQM ( 60.31 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1173	124E	-.6756	* 214A	-.4861	226E	-.5046	* 313A	-.5130	327E	-.2878
* 113A	-.2186	125E	-.4342	* 213A	-.5302	227E	-.3951	* 312A	-.5008	328E	-.2462
* 112A	-.2323	126E	-.3281	* 212A	-.5461	228E	-.3247	* 311A	-.4641	329E	-.2351
* 111A	-.2350	127E	-.2443	* 211A	-.5302	229E	-.2733	* 310A	-.3967	330E	-.2168
* 110A	.6136	128E	-.1873	* 210A	-.3625	259E	-.2599	* 309A	-.3368		
* 109A	.2785	129E	-.1437	* 209A	-.2770	260E	-.2476	* 308A	-.1744		
* 108A	.6289	161E	-.1247	* 208A	.3811			* 301A	.3127		
* 101A	.5520	162E	-.1124	* 201A	.5606			* 302A	.7144		
* 102A	-.3283			* 202A	.2529			* 303A	.1076		
* 103A	-.9522			* 203A	-.3283			* 304A	-.2941		
* 104A	-1.3197			* 204A	-.4736			* 305A	-.4223		
* 105A	-1.1915			* 206A	-.7642			* 307A	-.9351		
* 106A	-1.1146			* 207A	-1.1317			* 345E	.2337		
* 107A	-.9778			* 264E	-.2816			* 344E	.2851		
* 166E	-.0571			* 263E	.3042			* 343E	.2839		
* 165E	.2385			* 262E	.3508			* 342E	.2705		
* 164E	.2933			* 255E	.3371			* 341E	.2092		
* 156E	.3234			* 254E	.3535			* 340E	.1297		
* 155E	.3371			* 253E	.3097			* 339E	.0893		
* 154E	.3426			* 252E	.2413			* 338E	.0366		
* 153E	.3261			* 239E	.2139			* 337E	.1272		
* 139E	.3015			* 238E	.1208			* 336E	.1933		
* 138E	.2714			* 237E	-.0307			* 335E	.3488		
* 137E	.1893			* 236E	.1468			* 334E	.5116		
* 136E	.0852			* 235E	.2533			* 333E	.7589		
* 135E	.1591			* 234E	.3855			* 332E	.6169		
* 134E	.2851			* 233E	.5716			* 331E	-.4371		
* 133E	.5177			* 232E	.7687			* 314E	-3.2859		
* 132E	.7203			* 231E	.4884			* 315E	-2.4479		
* 131E	.3754			* 230E	-1.6822			* 316E	-2.3453		
* 130E	-1.0371			* 215E	-3.8258			* 317E	-2.3111		
* 115E	-1.3190			* 216E	-2.4137			* 318E	-1.9949		
* 116E	-.7984			* 217E	-2.9863			* 319E	-2.0291		
* 117E	-2.0120			* 218E	-2.8923			* 320E	-1.2257		
* 118E	-2.7384			* 219E	-2.3795			* 321E	-.9281		
* 119E	-2.7641			* 220E	-2.6198			* 322E	-.7726		
* 120E	-2.4222			* 222E	-1.0991			* 323E	-.6379		
* 121E	-1.5673			* 223E	-.9091			* 324E	-.4922		
* 122E	-1.0845			* 224E	-.7672			* 325E	-.4102		
* 123E	-.8488			* 225E	-.6130			* 326E	-.3417		

TABLE 6.2 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = 16.285 DEGREES AND QINF = 2.89 KN/SQM ( 60.46 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.0597	124E	-.6865	* 214A	-.2497	226E	-.4992	* 313A	-.2901	327E	-.4452
* 113A	-.0523	125E	-.4870	* 213A	-.3475	227E	-.4012	* 312A	-.2901	328E	-.3890
* 112A	-.0741	126E	-.4903	* 212A	-.3621	228E	-.3510	* 311A	-.2766	329E	-.3572
* 111A	-.0605	127E	-.4859	* 211A	-.3206	229E	-.3265	* 310A	-.0613	330E	-.3120
* 110A	.2201	128E	-.4781	* 210A	.0240	259E	-.3231	* 309A	.1263		
* 109A	.5100	129E	-.4747	* 209A	.2883	260F	-.3167	* 308A	.4844		
* 108A	.6720	161E	-.4558	* 208A	.7572			* 301A	.7402		
* 101A	.2798	162E	-.4535	* 201A	.6038			* 302A	.2286		
* 102A	-.8968			* 202A	-.7433			* 303A	-.7519		
* 103A	-1.5022			* 203A	-1.3146			* 304A	-1.0162		
* 104A	-1.7068			* 204A	-1.2293			* 305A	-.9394		
* 105A	-1.4345			* 206A	-1.2464			* 307A	-1.3657		
* 106A	-1.3316			* 207A	-1.5704			* 345E	.1936		
* 107A	-1.1014			* 264E	-.3500			* 344E	.2656		
* 166E	-.2981			* 263E	.2918			* 343E	.2717		
* 165E	.1389			* 262E	.3573			* 342E	.2705		
* 164E	.2317			* 255E	.3491			* 341E	.2265		
* 156E	.2809			* 254E	.3764			* 340E	.1520		
* 155E	.3000			* 253E	.3409			* 339E	.1325		
* 154E	.3109			* 252E	.2754			* 338E	.0910		
* 153E	.3000			* 239E	.2426			* 337E	.2046		
* 139E	.2809			* 238E	.1716			* 336E	.2778		
* 138E	.2590			* 237E	-.0153			* 335E	.4256		
* 137E	.1962			* 236E	.2180			* 334E	.5746		
* 136E	.1170			* 235E	.3304			* 333E	.7529		
* 135E	.2017			* 234E	.4732			* 332E	.6357		
* 134E	.3355			* 233E	.6442			* 331E	-.1691		
* 133E	.5321			* 232E	.7749			* 314E	-3.3506		
* 132E	.7041			* 231E	.5148			* 315E	-2.9345		
* 131E	.5239			* 230E	-1.4210			* 316E	-3.0198		
* 130E	-.5302			* 215E	-3.7743			* 317E	-2.8834		
* 115E	-.9999			* 216E	-2.9942			* 318E	-2.4059		
* 116E	-.7007			* 217E	-3.8724			* 319E	-2.3633		
* 117E	-2.1416			* 218E	-3.5484			* 320E	-1.4340		
* 118E	-2.8067			* 219E	-2.8910			* 321E	-1.0253		
* 119E	-2.7214			* 220E	-3.0624			* 322E	-.8567		
* 120E	-2.3292			* 222E	-1.2227			* 323E	-.7493		
* 121E	-1.4690			* 223E	-.9953			* 324E	-.6515		
* 122E	-1.0109			* 224E	-.8136			* 325E	-.5954		
* 123E	-.8136			* 225E	-.6230			* 326E	-.5306		

TABLE 63 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = 20.276 DEGREES AND QINF = 2.89 KN/SQM ( 60.38 LB/SQFT )

*****				*****				*****			
WING STATION A		WING STATION B		WING STATION C							
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP		
* 114A	.3887	124E	-.7017	* 214A	.0818	226E	-.6548	* 313A	-.0747	327E	-.6213
* 113A	.1535	125E	-.5041	* 213A	-.1530	227E	-.6124	* 312A	-.1102	328E	-.5541
* 112A	.0852	126E	-.5599	* 212A	-.1884	228E	-.5677	* 311A	-.0674	329E	-.5260
* 111A	.0687	127E	-.5867	* 211A	-.1322	229E	-.5286	* 310A	.2355	330E	-.4587
* 110A	.4404	128E	-.6191	* 210A	.3209	259E	-.4974	* 309A	.4661		
* 109A	.6539	129E	-.5923	* 209A	.5770	260E	-.4916	* 308A	.7393		
* 108A	.5344	161E	-.6012	* 208A	.7051			* 301A	.7307		
* 101A	-.3450	162E	-.6012	* 201A	.3124			* 302A	-.7975		
* 102A	-1.9159			* 202A	-1.9245			* 303A	-1.8476		
* 103A	-2.4196			* 203A	-2.2062			* 304A	-1.7025		
* 104A	-2.4026			* 204A	-1.9330			* 305A	-1.4976		
* 105A	-2.0611			* 206A	-1.5744			* 307A	-1.6769		
* 106A	-1.6256			* 207A	-1.8818			* 345E	.1674		
* 107A	-1.3354			* 264E	-.5110			* 344E	.2482		
* 166E	-.4317			* 263E	.2656			* 343E	.2555		
* 165E	.1098			* 262E	.3395			* 342E	.2555		
* 164E	.2055			* 255E	.3312			* 341E	.2164		
* 156E	.2629			* 254E	.3613			* 340E	.1430		
* 155E	.2875			* 253E	.3312			* 339E	.1442		
* 154E	.3039			* 252E	.2656			* 338E	.1185		
* 153E	.3012			* 239E	.2465			* 337E	.2518		
* 139E	.2793			* 238E	.2137			* 336E	.3313		
* 138E	.2547			* 237E	.0647			* 335E	.4878		
* 137E	.2164			* 236E	.2836			* 334E	.6236		
* 136E	.1699			* 235E	.4035			* 333E	.7557		
* 135E	.2848			* 234E	.5465			* 332E	.6358		
* 134E	.4188			* 233E	.6835			* 331E	-.0747		
* 133E	.5938			* 232E	.7789			* 314E	-3.0293		
* 132E	.7059			* 231E	.5343			* 315E	-3.0685		
* 131E	.5773			* 230E	-1.1900			* 316E	-3.2649		
* 130E	-.2320			* 215E	-3.3387			* 317E	-3.2563		
* 115E	-.7899			* 216E	-3.2819			* 318E	-2.5562		
* 116E	-.7207			* 217E	-4.1869			* 319E	-2.2489		
* 117E	-2.4709			* 218E	-3.7344			* 320E	-1.3012		
* 118E	-3.1966			* 219E	-2.8465			* 321E	-1.0066		
* 119E	-3.0258			* 220E	-2.7697			* 322E	-.9136		
* 120E	-2.4538			* 222E	-1.1414			* 323E	-.8305		
* 121E	-1.5299			* 223E	-.9885			* 324E	-.7583		
* 122E	-1.0477			* 224E	-.8501			* 325E	-.7180		
* 123E	-.8356			* 225E	-.7495			* 326E	-.6862		
*****											

TABLE 64 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = 24.345 DEGREES AND QINF = 2.88 KN/SQM ( 60.25 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5947	124E	-.7141	* 214A	.4074	226E	-.7588	* 313A	.1072	327E	-.6417
* 113A	.3563	125E	-.5362	* 213A	.0459	227E	-.7163	* 312A	.0336	328E	-.6159
* 112A	.2467	126E	-.6100	* 212A	.0299	228E	-.6816	* 311A	.1010	329E	-.6061
* 111A	.2577	127E	-.6335	* 211A	.1072	229E	-.6559	* 310A	.4469	330E	-.5571
* 110A	.6009	128E	-.6481	* 210A	.5325	259E	-.6268	* 309A	.6351		
* 109A	.6950	129E	-.6749	* 209A	.7549	260E	-.6089	* 308A	.7464		
* 108A	.2587	161E	-.6436	* 208A	.3785			* 301A	.5068		
* 101A	-1.1973	162E	-.6190	* 201A	-.5028			* 302A	-1.5467		
* 102A	-3.0611			* 202A	-3.1467			* 303A	-2.4365		
* 103A	-3.4290			* 203A	-2.9584			* 304A	-2.0600		
* 104A	-3.1467			* 204A	-2.5991			* 305A	-1.7777		
* 105A	-2.2312			* 206A	-1.7092			* 307A	-1.6750		
* 106A	-1.9830			* 207A	-1.8547			* 345E	.1317		
* 107A	-1.5895			* 264E	-.5691			* 344E	.2236		
* 166E	-.4521			* 263E	.2412			* 343E	.2371		
* 165E	.1124			* 262E	.3070			* 342E	.2420		
* 164E	.2221			* 255E	.3125			* 341E	.2003		
* 156E	.2604			* 254E	.3426			* 340E	.1366		
* 155E	.2933			* 253E	.3262			* 339E	.1464		
* 154E	.3125			* 252E	.2796			* 338E	.1292		
* 153E	.3097			* 239E	.2714			* 337E	.2824		
* 139E	.2988			* 238E	.2248			* 336E	.3719		
* 138E	.2823			* 237E	.0998			* 335E	.5275		
* 137E	.2522			* 236E	.3327			* 334E	.6513		
* 136E	.2303			* 235E	.4601			* 333E	.7543		
* 135E	.3509			* 234E	.5949			* 332E	.6391		
* 134E	.4851			* 233E	.7126			* 331E	.0201		
* 133E	.6413			* 232E	.7641			* 314E	-2.7374		
* 132E	.7071			* 231E	.5545			* 315E	-2.8215		
* 131E	.6112			* 230E	-.8954			* 316E	-3.1210		
* 130E	.0056			* 215E	-2.9262			* 317E	-2.7702		
* 115E	-.5151			* 216E	-3.1210			* 318E	-1.9659		
* 116E	-.7681			* 217E	-3.7199			* 319E	-1.4526		
* 117E	-2.7445			* 218E	-3.2921			* 320E	-.9221		
* 118E	-3.4889			* 219E	-2.3424			* 321E	-.8512		
* 119E	-3.3178			* 220E	-1.9317			* 322E	-.8341		
* 120E	-2.5991			* 222E	-.9736			* 323E	-.7777		
* 121E	-1.5989			* 223E	-.9244			* 324E	-.7115		
* 122E	-1.0888			* 224E	-.9165			* 325E	-.6625		
* 123E	-.8640			* 225E	-.8304			* 326E	-.6588		

TABLE 65 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = 28.310 DEGREES AND QINF = 2.89 KN/SQM ( 60.30 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.6570	124E	-.7035	* 214A	.5465	226E	-.6901	* 313A	.3200	327E	-.6804
* 113A	.7145	125E	-.6532	* 213A	.2073	227E	-.6945	* 312A	.1939	328E	-.6547
* 112A	.4490	126E	-.7191	* 212A	.1498	228E	-.6979	* 311A	.2379	329E	-.6412
* 111A	.2792	127E	-.6922	* 211A	.2122	229E	-.7158	* 310A	.5575	330E	-.5898
* 110A	.6943	128E	-.6733	* 210A	.6515	259E	-.6722	* 309A	.7199		
* 109A	.5831	129E	-.6789	* 209A	.7712	260E	-.6420	* 308A	.6772		
* 108A	-.2375	161E	-.6353	* 208A	.0788			* 301A	.1301		
* 101A	-2.2806	162E	-.6409	* 201A	-.9470			* 302A	-2.7080		
* 102A	-4.4091			* 202A	-3.7680			* 303A	-3.3933		
* 103A	-4.3920			* 203A	-3.3149			* 304A	-2.7336		
* 104A	-3.9817			* 204A	-2.9901			* 305A	-1.8360		
* 105A	-2.6738			* 206A	-1.6907			* 307A	-1.8189		
* 106A	-2.2549			* 207A	-1.8275			* 345E	.1351		
* 107A	-1.7677			* 264E	-.6626			* 344E	.2330		
* 166E	-.4847			* 263E	.2162			* 343E	.2453		
* 165E	.0602			* 262E	.2902			* 342F	.2477		
* 164E	.1889			* 255E	.3066			* 341E	.2159		
* 156E	.2409			* 254E	.3312			* 340E	.1571		
* 155E	.2819			* 253E	.3175			* 339E	.1767		
* 154E	.3093			* 252E	.2847			* 338E	.1718		
* 153E	.3066			* 239E	.2518			* 337E	.3322		
* 139E	.3121			* 238E	.2108			* 336E	.4192		
* 138E	.3036			* 237E	.1167			* 335E	.5685		
* 137E	.2710			* 236E	.3592			* 334E	.6763		
* 136E	.2710			* 235E	.4841			* 333E	.7596		
* 135E	.4024			* 234E	.6200			* 332E	.6457		
* 134E	.5530			* 233E	.7277			* 331E	.0984		
* 133E	.6617			* 232E	.7608			* 314E	-2.4657		
* 132E	.7282			* 231E	.5796			* 315E	-2.8618		
* 131E	.6242			* 230E	-.6204			* 316E	-3.1696		
* 130E	.1149			* 215E	-2.3934			* 317E	-2.7678		
* 115E	-.3779			* 216E	-2.9302			* 318E	-1.8275		
* 116E	-.8872			* 217E	-3.5201			* 319E	-1.3060		
* 117E	-3.0670			* 218E	-2.8362			* 320E	-.9385		
* 118E	-3.7252			* 219E	-1.7249			* 321E	-.8396		
* 119E	-3.4346			* 220E	-1.1949			* 322E	-.8077		
* 120E	-2.6396			* 222E	-.7974			* 323E	-.7600		
* 121E	-1.5596			* 223E	-.7650			* 324E	-.7386		
* 122E	-.9538			* 224E	-.7515			* 325E	-.6841		
* 123E	-.7840			* 225E	-.7247			* 326E	-.6853		

TABLE 66 .- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 20

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-4.010	-.14849	-.01456	-.16551	-.19693	-.10300	.16491
.002	-.10527	.30689	-.13966	.11780	-.13718	.10559
4.070	-.05436	.61856	-.11023	.56324	-.11807	.42401
8.129	.01261	.85763	-.08594	.91552	-.10308	.72982
12.184	.09905	1.08006	.00256	1.21918	-.02808	1.00922
16.285	.16177	1.16298	.12892	1.40535	.08266	1.23623
20.276	.26446	1.28042	.24382	1.50811	.20086	1.34763
24.345	.35817	1.36200	.34418	1.44583	.26924	1.22516
28.310	.45663	1.43452	.39097	1.28698	.34801	1.24862

TABLE 67 .- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 20

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-4.010	-.01577	-.04579	-.01092	-.00277	-.00700	-.00142
.002	.00299	-.04118	-.00551	-.04629	-.00873	-.03823
4.070	.01785	-.06498	-.00082	-.08232	-.00690	-.06435
8.129	.03670	-.09671	.01485	-.14319	-.00243	-.11270
12.184	.05186	-.14530	.04219	-.21341	.02883	-.16014
16.285	.04653	-.11944	.04901	-.25083	.04646	-.18265
20.276	.03296	-.12288	.03842	-.24149	.04610	-.17864
24.345	.00800	-.12823	.01087	-.19885	.03665	-.14942
28.310	-.02608	-.13521	-.00741	-.16499	.01899	-.14353



TABLE 68.- PITCHING-MOMENT COEFFICIENT FOR RUN 20

ALPHA	COMPONENT-STATION					
	A-A	F-A	A-B	E-E	A-C	E-C
-4.010	.00925	-.04334	.01203	.05763	.00762	-.07445
.002	.00595	-.17234	.00954	-.08493	.00990	-.06513
4.070	.00228	-.24666	.00684	-.23912	.00789	-.19341
8.129	-.00195	-.29321	.00450	-.30922	.00579	-.25155
12.184	-.00708	-.34335	-.00129	-.38173	.00055	-.30918
16.285	-.01065	-.40467	-.00943	-.42468	-.00690	-.39116
20.276	-.01664	-.44843	-.01684	-.48989	-.01441	-.44845
24.345	-.02170	-.48277	-.02290	-.51149	-.01858	-.42937
28.310	-.02680	-.50389	-.02555	-.47541	-.02270	-.44624

TABLE 69.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 20 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.206	2.90 (60.47)	-6.08	-.2471	.1505	-.2177	.0004	.0036	-.0194
.206	2.90 (60.51)	-4.01	-.1114	.1202	-.1567	.0004	.0029	-.0118
.205	2.88 (60.17)	-1.99	.0167	.0938	-.0970	.0012	.0020	-.0107
.206	2.90 (60.47)	.00	.1862	.0733	-.0514	.0008	.0020	-.0064
.206	2.90 (60.47)	2.07	.3866	.0581	-.0306	.0030	.0020	-.0059
.206	2.89 (60.38)	4.07	.5872	.0589	-.0047	.0010	.0020	-.0044
.205	2.89 (60.29)	6.13	.7616	.0652	.0175	-.0012	.0017	-.0057
.205	2.89 (60.29)	8.13	.9540	.0764	.0505	-.0000	.0022	-.0026
.205	2.89 (60.27)	10.20	1.1369	.0882	.0739	-.0011	.0008	-.0019
.205	2.89 (60.26)	12.18	1.3121	.1106	.1165	-.0017	.0009	.0016
.205	2.89 (60.27)	14.22	1.4170	.1471	.1154	-.0057	.0004	.0023
.206	2.89 (60.41)	16.28	1.5175	.1975	.1193	-.0032	.0019	-.0013
.206	2.90 (60.51)	18.27	1.6082	.2398	.1381	-.0058	.0006	-.0015
.205	2.89 (60.33)	20.28	1.7122	.2929	.1829	-.0091	-.0026	.0061
.205	2.89 (60.31)	22.36	1.7648	.3495	.2138	-.0081	-.0031	.0019
.205	2.88 (60.20)	24.35	1.8321	.4139	.2746	-.0046	-.0014	.0066
.205	2.88 (60.18)	26.42	1.8446	.4784	.3161	.0015	.0020	.0031
.205	2.88 (60.25)	28.31	1.8480	.5525	.3528	-.0056	.0001	.0045

TABLE 70 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = -4.063 DEGREES AND QINF = 2.89 KN/SQM ( 60.31 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.0298	124E	-.3589	* 214A	-.6386	226E	-.3880	* 313A	-.2762	327E	-.4244
* 113A	-.7065	125E	-.2762	* 213A	-.6043	227E	-.3824	* 312A	-.2542	328E	-.3962
* 112A	-.7038	126E	-.2930	* 212A	-.6055	228E	-.3533	* 311A	-.2505	329E	-.3362
* 111A	-.6764	127E	-.2472	* 211A	-.6068	229E	-.2673	* 310A	-.2521	330E	-.2615
* 110A	-.6452	128E	-.1813	* 210A	-.7221	259E	-.2315	* 309A	-.2350		
* 109A	-1.2691	129E	-.1287	* 209A	-.7392	260E	-.1835	* 308A	-.8076		
* 108A	-1.3973	161E	-.0919	* 208A	-1.1580			* 301A	-1.0640		
* 101A	-1.1922	162E	-.0606	* 201A	-.9870			* 302A	-.3802		
* 102A	-.0128			* 202A	.2009			* 303A	.6111		
* 103A	.6881			* 203A	.7051			* 304A	.7650		
* 104A	.7821			* 204A	.7735			* 305A	.6624		
* 105A	.6539			* 206A	.4829			* 307A	.1838		
* 106A	.5086			* 207A	.1069			* 345E	-.2248		
* 107A	.2522			* 264E	-.0496			* 344E	-.2236		
* 166E	.0216			* 263E	-.1262			* 343E	-.2224		
* 165E	.1119			* 262E	-.1837			* 342E	-.2420		
* 164E	.1010			* 255E	-.2384			* 341E	-.2395		
* 156E	.0462			* 254E	-.2713			* 340E	-.2432		
* 155E	.0298			* 253E	-.3452			* 339E	-.2542		
* 154E	-.0167			* 252E	-.3972			* 338E	-.2640		
* 153E	-.0633			* 239E	-.4629			* 337E	-.2738		
* 139E	-.0687			* 238E	-.5970			* 336E	-.2787		
* 138E	-.1262			* 237E	-.3448			* 335E	-.2726		
* 137E	-.2111			* 236E	-.6900			* 334E	-.2860		
* 136E	-.3233			* 235E	-.7084			* 333E	-.2885		
* 135E	-.5149			* 234E	-.6814			* 332E	-.2762		
* 134E	-.6244			* 233E	-.6814			* 331E	-.2934		
* 133E	-.6326			* 232E	-.6974			* 314E	-.3521		
* 132E	-.6463			* 231E	-.6925			* 315E	-.3375		
* 131E	-.6572			* 230E	-.6925			* 316E	-.4144		
* 130E	-.6791			* 215E	-.8136			* 317E	-.4743		
* 115E	-.9830			* 216E	-.8588			* 318E	-.4999		
* 116E	-.8247			* 217E	.7137			* 319E	-.6281		
* 117E	.4658			* 218E	-.0897			* 320E	-.4572		
* 118E	-.3290			* 219E	-.3888			* 321E	-.4023		
* 119E	-.6708			* 220E	-.4572			* 322E	-.4195		
* 120E	-.6452			* 222E	-.3276			* 323E	-.3999		
* 121E	-.5098			* 223E	-.3343			* 324E	-.4072		
* 122E	-.4114			* 224E	-.3469			* 325E	-.4415		
* 123E	-.3991			* 225E	-.3422			* 326E	-.4476		

TABLE 71 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = -.035 DEGREES AND QINF = 2.88 KN/SQM ( 60.21 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0538	124E	-.4482	* 214A	-.5884	226E	-.4012	* 313A	-.2855	327E	-.3321
* 113A	-.5556	125E	-.3385	* 213A	-.5798	227E	-.3464	* 312A	-.2683	328E	-.2622
* 112A	-.5528	126E	-.3106	* 212A	-.5945	228E	-.2792	* 311A	-.2597	329E	-.1947
* 111A	-.5638	127E	-.2445	* 211A	-.5871	229E	-.1684	* 310A	-.2967	330E	-.1395
* 110A	-.6734	128E	-.1785	* 210A	-.7076	259E	-.1024	* 309A	-.2624		
* 109A	-1.3326	129E	-.1147	* 209A	-.6820	260E	-.0386	* 308A	-.7419		
* 108A	-1.6323	161E	-.0789	* 208A	-.8104			* 301A	-1.1528		
* 101A	-.8960	162E	-.0419	* 201A	-.6734			* 302A	-.1083		
* 102A	.2855			* 202A	.5509			* 303A	.6879		
* 103A	.7478			* 203A	.7735			* 304A	.6964		
* 104A	.7221			* 204A	.6964			* 305A	.5595		
* 105A	.5338			* 206A	.3625			* 307A	.0030		
* 106A	.3540			* 207A	-.0998			* 345E	-.1027		
* 107A	.0458			* 264E	.0065			* 344E	-.1040		
* 166E	.0367			* 263E	.1546			* 343E	-.1040		
* 165E	.2588			* 262E	.1628			* 342E	-.1162		
* 164E	.2972			* 255E	.1217			* 341E	-.1236		
* 156E	.2999			* 254E	.0888			* 340E	-.1224		
* 155E	.2917			* 253E	.0833			* 339E	-.1444		
* 154E	.2807			* 252E	.0340			* 338E	-.1579		
* 153E	.2506			* 239E	-.0072			* 337E	-.1959		
* 139E	.2067			* 238E	-.0894			* 336E	-.2376		
* 138E	.1436			* 237E	-.1346			* 335E	-.2830		
* 137E	.0449			* 236E	-.2732			* 334E	-.3063		
* 136E	-.0977			* 235E	-.3946			* 333E	-.3186		
* 135E	-.0922			* 234E	-.5234			* 332E	-.3345		
* 134E	-.1552			* 233E	-.6460			* 331E	-.3958		
* 133E	-.5967			* 232E	-.6693			* 314E	-.5626		
* 132E	-.6872			* 231E	-.6239			* 315E	-.5878		
* 131E	-.6187			* 230E	-.6435			* 316E	-.6135		
* 130E	-.5995			* 215E	-.6227			* 317E	-.6991		
* 115E	-.6132			* 216E	-.6477			* 318E	-.7419		
* 116E	-.6734			* 217E	-.6391			* 319E	-.7932		
* 117E	-.1083			* 218E	-.5707			* 320E	-.6049		
* 118E	-.7162			* 219E	-.6391			* 321E	-.4952		
* 119E	-1.1357			* 220E	-.8275			* 322E	-.4486		
* 120E	-1.0073			* 222E	-.4706			* 323E	-.4204		
* 121E	-.7303			* 223E	-.4471			* 324E	-.3860		
* 122E	-.5758			* 224E	-.4303			* 325E	-.3909		
* 123E	-.5031			* 225E	-.3856			* 326E	-.3725		

TABLE 72 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 4.025 DEGREES AND QINF = 2.88 KN/SQM ( 60.07 LB/SQFT )

*****														
WING STATION A				*	WING STATION B				*	WING STATION C				*
TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*
114A	-.1194	124E	-.5626	*	214A	-.4666	226E	-.4426	*	313A	-.4174	327E	-.2134	*
113A	-.1633	125E	-.4224	*	213A	-.4801	227E	-.3539	*	312A	-.4101	328E	-.1310	*
112A	-.2678	126E	-.3382	*	212A	-.4728	228E	-.2855	*	311A	-.3929	329E	-.0941	*
111A	-.3640	127E	-.2586	*	211A	-.4777	229E	-.1912	*	310A	-.4713	330E	-.0732	*
110A	-.6257	128E	-.1890	*	210A	-.6257	259E	-.1520	*	309A	-.6772			*
109A	-1.0548	129E	-.1239	*	209A	-.6772	260E	-.1172	*	308A	-1.1235			*
108A	-1.1836	161E	-.0981	*	208A	-.8145			*	301A	-1.2865			*
101A	-.2739	162E	-.0689	*	201A	-.2224			*	302A	.1724			*
102A	.5843			*	202A	.7560			*	303A	.7302			*
103A	.7302			*	203A	.7216			*	304A	.5586			*
104A	.5157			*	204A	.5242			*	305A	.3955			*
105A	.2582			*	206A	.0866			*	307A	-.1451			*
106A	.0093			*	207A	-.3168			*	345E	.1800			*
107A	-.1881			*	264E	-.1276			*	344E	.1972			*
166E	.0071			*	263E	.2572			*	343E	.1911			*
165E	.2517			*	262E	.2957			*	342E	.1677			*
164E	.2957			*	255E	.2764			*	341E	.1320			*
156E	.3122			*	254E	.2819			*	340E	.0767			*
155E	.3094			*	253E	.2517			*	339E	.0399			*
154E	.3067			*	252E	.1912			*	338E	-.0032			*
153E	.2737			*	239E	.1500			*	337E	.0017			*
139E	.2490			*	238E	.0511			*	336E	.0448			*
138E	.1995			*	237E	-.0769			*	335E	-.0253			*
137E	.0923			*	236E	.0312			*	334E	-.2687			*
136E	-.0589			*	235E	.1394			*	333E	-.4580			*
135E	-.0149			*	234E	.3005			*	332E	-.5219			*
134E	.1418			*	233E	-.1286			*	331E	-.6289			*
133E	.6173			*	232E	-.6190			*	314E	-.7961			*
122E	-.4822			*	231E	-.6399			*	315E	-.7716			*
131E	-.7790			*	230E	-.8735			*	316E	-.8403			*
130E	-.8670			*	215E	-.9509			*	317E	-.9175			*
115E	-.6553			*	216E	-.8403			*	318E	-.9089			*
116E	-.6686			*	217E	-1.0377			*	319E	-.9175			*
117E	-.9433			*	218E	-1.1578			*	320E	-.7373			*
118E	-1.4238			*	219E	-1.1578			*	321E	-.6129			*
119E	-1.6126			*	220E	-1.3123			*	322E	-.5330			*
120E	-1.3895			*	222E	-.7219			*	323E	-.4678			*
121E	-1.0563			*	223E	-.6412			*	324E	-.3879			*
122E	-.8050			*	224E	-.5716			*	325E	-.3400			*
123E	-.6681			*	225E	-.4830			*	326E	-.2884			*
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TABLE 73 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 8.147 DEGREES AND QINF = 2.91 KN/SQM ( 60.73 LB/SQFT )

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*****
*          WING STATION A          *          WING STATION B          *          WING STATION C          *
* TAP ID   CP   TAP ID   CP   * TAP ID   CP   TAP ID   CP   * TAP ID   CP   TAP ID   CP   *
* 114A   -.2483  124E   -.6397 * 214A   -.5136  226E   -.4566 * 313A   -.5549  327E   -.2595 *
* 113A   -.4005  125E   -.4521 * 213A   -.5853  227E   -.3445 * 312A   -.6109  328E   -.2121 *
* 112A   -.4468  126E   -.3334 * 212A   -.5902  228E   -.2701 * 311A   -.5781  329E   -.2072 *
* 111A   -.4060  127E   -.2457 * 211A   -.5586  229E   -.2102 * 310A   -.7181  330E   -.1853 *
* 110A   -.5144  128E   -.1847 * 210A   -.6927  259E   -.2047 * 309A   -.8370          *
* 109A   -.6247  129E   -.1414 * 209A   -.8030  260E   -.1902 * 308A   -1.2189          *
* 108A   -.2937  161E   -.1192 * 208A   -.3956          * 301A   -.7266          *
* 101A   .4108   162E   -.1037 * 201A   .3938          * 302A   .5975          *
* 102A   .7249          * 202A   .7673          * 303A   .6739          *
* 103A   .4702          * 203A   .3599          * 304A   .3429          *
* 104A   .0798          * 204A   .1137          * 305A   .1731          *
* 105A   -.1834          * 206A   -.2767          * 307A   -.4465          *
* 106A   -.3616          * 207A   -.6757          * 345E   .2281          *
* 107A   -.4889          * 264E   -.2293          * 344E   .2730          *
* 166E   -.0444          * 263E   .2927          * 343E   .2743          *
* 165E   .2356          * 262E   .3389          * 342E   .2621          *
* 164E   .2954          * 255E   .3144          * 341E   .1977          *
* 156E   .3199          * 254E   .3362          * 340E   .1053          *
* 155E   .3226          * 253E   .2954          * 339E   .0408          *
* 154E   .3253          * 252E   .2247          * 338E   -.0297          *
* 153E   .3036          * 239E   .1731          * 337E   -.0078          *
* 139E   .2682          * 238E   .0643          * 336E   .0967          *
* 138E   .2275          * 237E   -.0577          * 335E   .2499          *
* 137E   .1486          * 236E   .0578          * 334E   .4554          *
* 136E   .0127          * 235E   .1393          * 333E   .8068          *
* 135E   .0834          * 234E   .2852          * 332E   .0043          *
* 134E   .2383          * 233E   .5296          * 331E   -1.3854          *
* 133E   .5945          * 232E   .7545          * 314E   -2.2924          *
* 132E   .3906          * 231E   -.0638          * 315E   -1.7197          *
* 131E   -.5501          * 230E   -2.1732          * 316E   -1.2868          *
* 130E   -1.4934          * 215E   -2.4030          * 317E   -1.4226          *
* 115E   -1.0503          * 216E   -1.7367          * 318E   -1.3378          *
* 116E   -.9473          * 217E   -1.7112          * 319E   -1.2953          *
* 117E   -1.7027          * 218E   -1.9319          * 320E   -.8624          *
* 118E   -2.2545          * 219E   -1.7791          * 321E   -.7094          *
* 119E   -2.3054          * 220E   -2.0083          * 322E   -.6012          *
* 120E   -1.8555          * 222E   -.8827          * 323E   -.5112          *
* 121E   -1.3311          * 223E   -.7762          * 324E   -.4163          *
* 122E   -.9671          * 224E   -.6674          * 325E   -.3568          *
* 123E   -.7817          * 225E   -.5498          * 326E   -.3069          *
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TABLE 74 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 12.167 DEGREES AND QINF = 2.89 KN/SQM ( 60.30 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.5038	124E	-.7120	* 214A	-.5026	226E	-.5231	* 313A	-.5259	327E	-.3067
* 113A	-.3341	125E	-.4862	* 213A	-.5467	227E	-.3889	* 312A	-.5259	328E	-.2638
* 112A	-.3888	126E	-.3398	* 212A	-.5173	228E	-.3062	* 311A	-.4916	329E	-.2479
* 111A	-.3669	127E	-.2481	* 211A	-.5050	229E	-.2447	* 310A	-.3972	330E	-.2246
* 110A	-.3544	128E	-.1933	* 210A	-.3032	259E	-.2235	* 309A	-.3715		
* 109A	-.1065	129E	-.1497	* 209A	-.2433	260E	-.2067	* 308A	-.2690		
* 108A	.3380	161E	-.1464	* 208A	.3893			* 301A	.2782		
* 101A	.7056	162E	-.1274	* 201A	.7569			* 302A	.7227		
* 102A	.4150			* 202A	.1500			* 303A	.0901		
* 103A	-.1578			* 203A	-.3886			* 304A	-.3117		
* 104A	-.5682			* 204A	-.5853			* 305A	-.3801		
* 105A	-.7477			* 206A	-.7733			* 307A	-.9358		
* 106A	-.9016			* 207A	-1.1665			* 345E	.2285		
* 107A	-.9614			* 264E	-.2465			* 344E	.2762		
* 166E	-.0521			* 263E	.3203			* 343E	.2799		
* 165E	.2464			* 262E	.3641			* 342E	.2628		
* 164E	.3149			* 255E	.3477			* 341E	.2052		
* 156E	.3340			* 254E	.3587			* 340E	.1268		
* 155E	.3477			* 253E	.3258			* 339E	.0840		
* 154E	.3477			* 252E	.2656			* 338E	.0362		
* 153E	.3231			* 239E	.2327			* 337E	.0717		
* 139E	.3176			* 238E	.1287			* 336E	.1868		
* 138E	.2793			* 237E	-.0177			* 335E	.3473		
* 137E	.1999			* 236E	.1660			* 334E	.5114		
* 136E	.1040			* 235E	.2652			* 333E	.7575		
* 135E	.1916			* 234E	.3938			* 332E	.6167		
* 134E	.3313			* 233E	.5836			* 331E	-.4622		
* 133E	.5887			* 232E	.7746			* 314E	-3.3864		
* 132E	.6681			* 231E	.4905			* 315E	-2.5772		
* 131E	-.0904			* 230E	-1.6978			* 316E	-2.3720		
* 130E	-1.7415			* 215E	-3.9338			* 317E	-2.2523		
* 115E	-1.6566			* 216E	-2.4746			* 318E	-1.9018		
* 116E	-1.3119			* 217E	-3.0560			* 319E	-1.9189		
* 117E	-2.6114			* 218E	-2.9534			* 320E	-1.1837		
* 118E	-3.2355			* 219E	-2.4233			* 321E	-.9042		
* 119E	-3.0901			* 220E	-2.6969			* 322E	-.7475		
* 120E	-2.3122			* 222E	-1.1177			* 323E	-.6263		
* 121E	-1.6274			* 223E	-.9400			* 324E	-.4867		
* 122E	-1.1333			* 224E	-.8047			* 325E	-.4107		
* 123E	-.8897			* 225E	-.6404			* 326E	-.3532		

TABLE 75 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 16.189 DEGREES AND QINF = 2.90 KN/SQM ( 60.66 LB/SQFT )

WING STATION A			WING STATION B			WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.7100	124E	-.7141	* 214A	-.2090	226E	-.5341	* 313A	-.3063
* 113A	-.2120	125E	-.4919	* 213A	-.3441	227E	-.3919	* 312A	-.3088
* 112A	-.2637	126E	-.3442	* 212A	-.3599	228E	-.3219	* 311A	-.2881
* 111A	-.2419	127E	-.2619	* 211A	-.3149	229E	-.2797	* 310A	-.0916
* 110A	-.2021	128E	-.2142	* 210A	.0698	259E	-.2664	* 309A	.0953
* 109A	.3333	129E	-.1742	* 209A	.3248	260E	-.2542	* 308A	.4352
* 108A	.6817	161E	-.1542	* 208A	.7667			* 301A	.6902
* 101A	.5967	162E	-.1353	* 201A	.5287			* 302A	.2398
* 102A	-.2361			* 202A	-.9754			* 303A	-.6949
* 103A	-.9159			* 203A	-1.4342			* 304A	-.9669
* 104A	-1.3408			* 204A	-1.3832			* 305A	-.9159
* 105A	-1.3663			* 206A	-1.3068			* 307A	-1.3238
* 106A	-1.4257			* 207A	-1.6467			* 345E	.1891
* 107A	-1.3832			* 264E	-.3018			* 344E	.2560
* 166E	-.0705			* 263E	.3133			* 343E	.2645
* 165E	.2561			* 262E	.3732			* 342E	.2572
* 164E	.3215			* 255E	.3541			* 341E	.2061
* 156E	.3432			* 254E	.3895			* 340E	.1343
* 155E	.3541			* 253E	.3596			* 339E	.1160
* 154E	.3568			* 252E	.2997			* 338E	.0819
* 153E	.3351			* 239E	.2616			* 337E	.1355
* 139E	.3405			* 238E	.1799			* 336E	.2682
* 138E	.2997			* 237E	.0101			* 335E	.4228
* 137E	.2507			* 236E	.2365			* 334E	.5737
* 136E	.1826			* 235E	.3497			* 333E	.7514
* 135E	.2643			* 234E	.4921			* 332E	.6394
* 134E	.4031			* 233E	.6613			* 331E	-.1810
* 133E	.6317			* 232E	.7770			* 314E	-3.4078
* 132E	.6916			* 231E	.5214			* 315E	-3.0063
* 131E	.1799			* 230E	-1.4408			* 316E	-2.9723
* 130E	-1.5102			* 215E	-3.8411			* 317E	-2.7939
* 115E	-1.8831			* 216E	-3.1762			* 318E	-2.2670
* 116E	-1.6722			* 217E	-4.0345			* 319E	-2.2585
* 117E	-3.3547			* 218E	-3.7031			* 320E	-1.3323
* 118E	-4.0515			* 219E	-3.0318			* 321E	-.9770
* 119E	-3.6861			* 220E	-3.2867			* 322E	-.8297
* 120E	-2.6239			* 222E	-1.2863			* 323E	-.7384
* 121E	-1.8184			* 223E	-1.0374			* 324E	-.6459
* 122E	-1.2252			* 224E	-.8719			* 325E	-.5753
* 123E	-.9252			* 225E	-.6752			* 326E	-.5096



TABLE 76 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 20.279 DEGREES AND QINF = 2.90 KN/SQM ( 60.46 LB/SQFT )

WING STATION A			WING STATION B			WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.8501	124E	-.7294	* 214A	.1515	226E	-.5087	* 313A	-.0610
* 113A	-.0528	125E	-.5454	* 213A	-.1892	227E	-.4162	* 312A	-.1013
* 112A	-.1184	126E	-.5577	* 212A	-.2088	228E	-.3905	* 311A	-.0463
* 111A	-.0938	127E	-.6224	* 211A	-.1562	229E	-.3816	* 310A	.2877
* 110A	-.0107	128E	-.6023	* 210A	.3559	259E	-.3849	* 309A	.4838
* 109A	.5350	129E	-.6145	* 209A	.6458	260E	-.3582	* 308A	.7396
* 108A	.7396	161E	-.5700	* 208A	.6628			* 301A	.7481
* 101A	.3900	162E	-.5432	* 201A	-.2323			* 302A	-.6671
* 102A	-.6330			* 202A	-2.3466			* 303A	-1.7157
* 103A	-1.3662			* 203A	-2.5597			* 304A	-1.5878
* 104A	-1.6219			* 204A	-2.2528			* 305A	-1.3321
* 105A	-1.5196			* 206A	-1.7924			* 307A	-1.6134
* 106A	-1.4429			* 207A	-2.1761			* 345E	.1527
* 107A	-1.4258			* 264E	-.3887			* 344E	.2357
* 166E	-.3778			* 263E	.3048			* 343E	.2467
* 165E	.1274			* 262E	.3676			* 342E	.2418
* 164E	.2311			* 259E	.3622			* 341E	.2003
* 156E	.2803			* 254E	.3786			* 340E	.1295
* 155E	.2830			* 253E	.3513			* 339E	.1393
* 154E	.3130			* 252E	.2967			* 338E	.1136
* 153E	.3048			* 239E	.2857			* 337E	.1967
* 139E	.2912			* 238E	.2311			* 336E	.3322
* 138E	.2612			* 237E	.0758			* 335E	.4849
* 137E	.2420			* 236E	.3041			* 334E	.6155
* 136E	.2038			* 235E	.4214			* 333E	.7572
* 135E	.3076			* 234E	.5606			* 332E	.6473
* 134E	.4578			* 233E	.7071			* 331E	-.0573
* 133E	.6625			* 232E	.7767			* 314E	-2.9588
* 132E	.6980			* 231E	.5068			* 315E	-3.0200
* 131E	.2857			* 230E	-1.3151			* 316E	-3.1309
* 130E	-1.1723			* 215E	-3.7269			* 317E	-2.8751
* 115E	-1.5819			* 216E	-3.8640			* 318E	-2.0567
* 116E	-1.6219			* 217E	-4.8189			* 319E	-1.9629
* 117E	-3.2502			* 218E	-4.3756			* 320E	-1.1189
* 118E	-3.5401			* 219E	-3.5316			* 321E	-.9854
* 119E	-3.0115			* 220E	-3.7106			* 322E	-.9207
* 120E	-2.2698			* 222E	-1.3424			* 323E	-.8401
* 121E	-1.5631			* 223E	-1.0732			* 324E	-.7546
* 122E	-1.0738			* 224E	-.8709			* 325E	-.7131
* 123E	-.8720			* 225E	-.6480			* 326E	-.6704

TABLE 77 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 24.301 DEGREES AND QINF = 2.90 KN/SQM ( 60.54 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.9278	124E	-.7392	214A	.5298	226E	-.6256	313A	.1224	327E	-.6545
113A	-.0922	125E	-.5867	213A	.0371	227E	-.5989	312A	.0395	328E	-.6399
112A	-.0087	126E	-.6791	212A	-.0544	228E	-.5867	311A	.0968	329E	-.6179
111A	.0349	127E	-.7225	211A	.0749	229E	-.6078	310A	.4496	330E	-.5752
110A	.1430	128E	-.7492	210A	.5518	259E	-.5767	309A	.6199		
109A	.6710	129E	-.7270	209A	.7646	260E	-.5722	308A	.7646		
108A	.6284	161E	-.6824	208A	.2452			301A	.5177		
101A	-.0869	162E	-.6991	201A	-1.2449			302A	-1.6792		
102A	-1.5685			202A	-3.9527			303A	-2.4966		
103A	-2.1645			203A	-3.7228			304A	-2.0368		
104A	-2.2922			204A	-3.2119			305A	-1.7984		
105A	-2.0113			206A	-2.1645			307A	-1.6621		
106A	-1.8750			207A	-2.3859			345E	.1322		
107A	-1.6196			264E	-.5460			344E	.2212		
165E	-.4669			263E	.2476			343E	.2298		
165E	.1058			262E	.3294			342E	.2322		
164E	.2176			255E	.3240			341E	.1956		
156E	.2531			254E	.3485			340E	.1237		
155E	.2776			253E	.3322			339E	.1395		
154E	.3076			252E	.2940			338E	.1310		
153E	.2994			239E	.2858			337E	.2225		
139E	.3022			238E	.2367			336E	.3713		
138E	.2831			237E	.1041			335E	.5323		
137E	.2613			236E	.3542			334E	.6542		
136E	.2367			235E	.4701			333E	.7616		
135E	.3622			234E	.6091			332E	.6493		
134E	.5231			233E	.7372			331E	.0249		
133E	.6785			232E	.7664			314E	-2.7365		
132E	.6840			231E	.5262			315E	-2.8117		
131E	.3540			230E	-1.0765			316E	-3.0501		
130E	-.8923			215E	-3.4805			317E	-2.6499		
115E	-1.3751			216E	-3.9186			318E	-1.8920		
116E	-1.7388			217E	-4.7446			319E	-1.3045		
117E	-3.4503			218E	-4.1741			320E	-.9724		
118E	-3.8590			219E	-3.1267			321E	-.8765		
119E	-3.3651			220E	-2.7946			322E	-.8375		
120E	-2.3433			222E	-.9685			323E	-.7838		
121E	-1.5296			223E	-.8338			324E	-.7069		
122E	-1.0509			224E	-.7726			325E	-.6777		
123E	-.8605			225E	-.7036			326E	-.6630		

TABLE 78 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 28.337 DEGREES AND QINF = 2.89 KN/SQM ( 60.45 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-1.0028	124E	-.7284	* 214A	.6331	226E	-.7218	* 313A	.3362	327E	-.6544
* 113A	.4475	125E	-.5969	* 213A	.2703	227E	-.6905	* 312A	.2006	328E	-.6606
* 112A	.0733	126E	-.6437	* 212A	.1310	228E	-.6627	* 311A	.2348	329E	-.6435
* 111A	.1143	127E	-.7061	* 211A	.2275	229E	-.6571	* 310A	.5926	330E	-.6129
* 110A	.2600	128F	-.6638	* 210A	.7205	259E	-.6426	* 309A	.7291		
* 109A	.7035	129E	-.6582	* 209A	.7973	260E	-.6181	* 308A	.6950		
* 108A	.4135	161E	-.6025	* 208A	-.1408			* 301A	.1492		
* 101A	-.8998	162E	-.6147	* 201A	-1.9231			* 302A	-2.7503		
* 102A	-2.7844			* 202A	-4.8226			* 303A	-3.4070		
* 103A	-3.2023			* 203A	-4.1574			* 304A	-2.7589		
* 104A	-3.1256			* 204A	-3.5178			* 305A	-1.8123		
* 105A	-2.5457			* 206A	-2.3836			* 307A	-1.8208		
* 106A	-1.6758			* 207A	-2.2216			* 345E	.1322		
* 107A	-1.2409			* 264E	-.6205			* 344E	.2226		
* 166E	-.4293			* 263E	.2317			* 343E	.2434		
* 165E	.1225			* 262E	.3164			* 342E	.2446		
* 164E	.2345			* 255E	.3246			* 341E	.2092		
* 156E	.2863			* 254E	.3382			* 340E	.1432		
* 155E	.3137			* 253E	.3300			* 339E	.1725		
* 154E	.3355			* 252E	.2973			* 338E	.1762		
* 153E	.2973			* 239E	.2918			* 337E	.2751		
* 139E	.3328			* 238E	.2536			* 336E	.4107		
* 138E	.3246			* 237E	.1408			* 335E	.5659		
* 137E	.3191			* 236E	.3924			* 334E	.6807		
* 136E	.3109			* 235E	.5195			* 333E	.7577		
* 135E	.4448			* 234E	.6453			* 332E	.6331		
* 134E	.5923			* 233E	.7625			* 331E	.0785		
* 133E	.7152			* 232E	.7772			* 314E	-2.5149		
* 132E	.6742			* 231E	.5646			* 315E	-2.8186		
* 131E	.3901			* 230E	-.7974			* 316E	-3.1170		
* 130E	-.6696			* 215E	-2.8886			* 317E	-2.5457		
* 115E	-1.3388			* 216E	-3.4240			* 318E	-1.6588		
* 116E	-2.0766			* 217E	-3.8153			* 319E	-1.0362		
* 117E	-3.9954			* 218E	-3.4326			* 320E	-.8571		
* 118E	-4.3792			* 219E	-2.0596			* 321E	-.8450		
* 119E	-3.8675			* 220E	-1.8037			* 322E	-.7961		
* 120E	-2.5627			* 222E	-.9091			* 323E	-.7412		
* 121E	-1.6605			* 223E	-.8868			* 324E	-.6948		
* 122E	-1.1209			* 224E	-.7953			* 325E	-.6777		
* 123E	-.8812			* 225E	-.7541			* 326E	-.6606		

TABLE 79 .- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 13

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-R	E-B	A-C	E-C
-4.063	-.11468	-.00436	-.15999	-.18674	-.09882	.15799
-.035	-.10845	.35221	-.15163	.17165	-.09468	.23056
4.025	-.07407	.68695	-.12004	.60543	-.10750	.41352
8.147	-.05271	.91308	-.08747	.93832	-.11465	.72169
12.167	.00757	1.14311	.01008	1.24952	-.03270	.98625
16.189	.08632	1.29973	.14750	1.47059	.07567	1.19279
20.279	.11958	1.32598	.28666	1.63434	.18563	1.27386
24.301	.19979	1.42180	.42678	1.55550	.27314	1.21292
28.337	.27771	1.52731	.49259	1.42955	.34981	1.19771

TABLE 80 .- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 13

ALPHA	COMPONENT-STATION					
	A-A	F-A	A-B	F-B	A-C	E-C
-4.063	-.04661	-.03938	-.02557	-.00506	-.02954	-.00623
-.035	-.04572	-.06310	-.01056	-.05344	-.02512	-.03490
4.025	-.02460	-.08549	-.00224	-.08396	-.02835	-.06613
8.147	.01918	-.13358	.01959	-.14672	-.01118	-.10783
12.167	.04822	-.19295	.04431	-.22054	.02718	-.16112
16.189	.06065	-.23551	.04795	-.26488	.04483	-.17992
20.279	.05390	-.18595	.03321	-.30137	.04531	-.16292
24.301	.04360	-.18776	.00226	-.27067	.03572	-.14385
28.337	.01372	-.22182	-.02304	-.20463	.01905	-.13722

TABLE 91 .- PITCHING-MOMENT COEFFICIENT FOR RUN 13

ALPHA	COMPONENT-STATION					
	A-A	F-A	A-B	E-B	A-C	E-C
-4.063	.00657	-.03669	.01151	.04056	.00772	-.07250
-.035	.00594	-.18402	.01036	-.11204	.00696	-.09362
4.025	.00338	-.26244	.00732	-.25353	.00720	-.17673
8.147	.00176	-.31039	.00454	-.31533	.00682	-.24466
12.167	-.00170	-.36441	-.00164	-.38956	.00092	-.30494
16.189	-.00597	-.39829	-.01062	-.43860	-.00643	-.37764
20.279	-.00708	-.46422	-.01970	-.47837	-.01326	-.43458
24.301	-.01134	-.50763	-.02857	-.49846	-.01879	-.42869
28.337	-.01436	-.52378	-.03257	-.50408	-.02275	-.43321

TABLE 82.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 13 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.205	2.89 (60.36)	-6.11	-.2440	.1619	-.1998	.0006	.0036	-.0156
.205	2.89 (60.26)	-4.06	-.1100	.1293	-.1476	.0016	.0034	-.0116
.204	2.88 (60.11)	-2.09	.0155	.1026	-.0951	-.0001	.0027	-.0128
.204	2.88 (60.16)	-.03	.1746	.0810	-.0484	.0021	.0028	-.0048
.204	2.88 (60.05)	2.02	.3733	.0651	-.0238	.0059	.0023	-.0030
.204	2.87 (60.01)	4.03	.5796	.0659	-.0067	.0032	.0024	-.0001
.204	2.87 (60.02)	6.05	.7791	.0706	.0208	.0041	.0025	-.0023
.205	2.91 (60.68)	8.15	.9566	.0835	.0481	.0021	.0020	.0017
.205	2.89 (60.32)	10.13	1.1365	.0975	.0695	.0037	.0013	.0059
.205	2.88 (60.24)	12.17	1.3194	.1178	.1135	.0023	.0023	.0022
.205	2.90 (60.56)	14.24	1.4721	.1403	.1499	.0015	.0025	-.0019
.205	2.90 (60.61)	16.19	1.5573	.1856	.1531	.0042	.0029	-.0044
.205	2.89 (60.39)	18.25	1.6170	.2427	.1453	-.0040	-.0012	.0016
.205	2.89 (60.41)	20.28	1.7369	.2975	.1724	-.0066	-.0020	.0087
.205	2.89 (60.36)	22.27	1.7943	.3499	.2008	-.0061	-.0011	.0056
.205	2.90 (60.49)	24.30	1.8657	.4157	.2443	-.0045	-.0011	.0110
.205	2.89 (60.46)	26.36	1.9374	.4808	.2846	-.0081	-.0054	.0122
.205	2.89 (60.39)	28.34	1.9170	.5608	.3445	-.0020	-.0031	.0150

TABLE 83 .- TABULATED PRESSURE DATA FOR RUN 12 AT ALPHA = -6.099 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.8186	124E	-.2917	214A	-.9100	226E	-.3900	313A	-.2589	327E	-.4535
113A	-.9662	125E	-.2302	213A	-.8818	227E	-.3844	312A	-.2675	328E	-.4278
112A	-.9607	126E	-.2593	212A	-.8586	228E	-.3632	311A	-.2589	329E	-.3641
111A	-.8923	127E	-.2224	211A	-.8230	229E	-.2861	310A	-.2348	330E	-.2846
110A	-.9258	128E	-.1710	210A	-.9610	259E	-.2179	309A	-.2262		
109A	-1.3113	129E	-.1208	209A	-1.0123	260E	-.1252	308A	-.3800		
108A	-1.4309	161E	-.0895	208A	-1.4822			301A	-.3458		
101A	-1.4395	162E	-.0593	201A	-1.3967			302A	-.1408		
102A	-.3373			202A	-.0212			303A	.6538		
103A	.5086			203A	.6453			304A	.7649		
104A	.7564			204A	.7649			305A	.6795		
105A	.7136			206A	.5598			307A	.2608		
106A	.5855			207A	.1497			345E	-.2491		
107A	.3548			264E	.0053			344E	-.2503		
166E	.0090			263E	.1503			343E	-.2479		
165E	.0354			262E	.1257			342E	-.2515		
164E	.0217			255E	.0847			341E	-.2540		
156E	-.0303			254E	.0409			340E	-.2564		
155E	-.0795			253E	-.0576			339E	-.2601		
154E	-.1178			252E	-.1890			338E	-.2650		
153E	-.1561			239E	-.1589			337E	-.2675		
139E	-.2246			238E	-.3997			336E	-.2662		
138E	-.2738			237E	-.2980			335E	-.2687		
137E	-.3888			236E	-.7019			334E	-.2760		
136E	-.5447			235E	-.8782			333E	-.2846		
135E	-.6651			234E	-1.0103			332E	-.2956		
134E	-.7609			233E	-.9932			331E	-.2797		
133E	-.8129			232E	-.9638			314E	-.2834		
132E	-.8485			231E	-.9320			315E	-.2775		
131E	-.9196			230E	-.9846			316E	-.2775		
130E	-1.4943			215E	-1.1315			317E	-.2775		
115E	-1.3821			216E	-1.0208			318E	-.3544		
116E	-1.1233			217E	.6709			319E	-.4911		
117E	.4744			218E	-.0041			320E	-.3800		
118E	-.1664			219E	-.2604			321E	-.3446		
119E	-.5167			220E	-.3544			322E	-.4008		
120E	-.5338			222E	-.2816			323E	-.3935		
121E	-.3576			223E	-.2984			324E	-.4229		
122E	-.2972			224E	-.3218			325E	-.4559		
123E	-.2961			225E	-.3319			326E	-.4743		



ABLE 84 .- TABULATED PRESSURE DATA FOR RUN 12 AT ALPHA = -.056 DEGREES AND QINF = 2.90 KN/SQM ( 60.52 LB/SQFT )

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WING STATION A * WING STATION B * WING STATION C *
TAP ID CP TAP ID CP * TAP ID CP TAP ID CP * TAP ID CP TAP ID CP *
114A .6202 124E -.4472 * 214A -.5836 226E -.4060 * 313A -.2969 327E -.3006 *
113A -.5391 125E -.3325 * 213A -.5738 227E -.3559 * 312A -.2835 328E -.2335 *
112A -.5637 126E -.3103 * 212A -.5775 228E -.3002 * 311A -.2932 329E -.1664 *
111A -.5582 127E -.2457 * 211A -.5726 229E -.1889 * 310A -.2983 330E -.1261 *
110A -.6901 128E -.1778 * 210A -.7582 259E -.1243 * 309A -.2898 *
109A -1.4395 129E -.1143 * 209A -.8348 260E -.0631 * 308A -.8434 *
108A -1.8058 161E -.6753 * 208A -1.0307 * 301A -1.2607 *
101A -1.0307 162E -.0374 * 201A -.7923 * 302A -.1620 *
102A .2212 * 202A .5108 * 303A .6726 *
103A .7237 * 203A .7493 * 304A .6556 *
104A .6982 * 204A .6641 * 305A .5278 *
105A .5193 * 206A .2979 * 307A .0083 *
106A .3320 * 207A -.1109 * 345E -.0907 *
107A .1531 * 264E -.0127 * 344E -.0919 *
166E .0337 * 263E .2165 * 343E -.0944 *
165E .2492 * 262E .2301 * 342E -.0919 *
164E .2792 * 255E .2028 * 341E -.1078 *
156E .2983 * 254E .2001 * 340E -.1102 *
155E .2928 * 253E .1619 * 339E -.1188 *
154E .2737 * 252E .1019 * 338E -.1371 *
153E .2465 * 239E .0692 * 337E -.1798 *
139E .2110 * 238E .0010 * 336E -.2139 *
138E .1537 * 237E -.0627 * 335E -.2676 *
137E .0446 * 236E -.0919 * 334E -.3115 *
136E -.1136 * 235E -.1786 * 333E -.3323 *
135E -.1109 * 234E -.4299 * 332E -.3555 *
134E -.0536 * 233E -.6458 * 331E -.4152 *
133E -.5419 * 232E -.8459 * 314E -.5433 *
132E -.7137 * 231E -.7263 * 315E -.5793 *
131E -.6428 * 230E -.6922 * 316E -.5964 *
130E -.6155 * 215E -.6629 * 317E -.6986 *
115E -.6537 * 216E -.6475 * 318E -.7156 *
116E -.6901 * 217E -.6475 * 319E -.7923 *
117E .2638 * 218E -.6134 * 320E -.6219 *
118E -.7156 * 219E -.6730 * 321E -.4836 *
119E -1.1329 * 220E -.8604 * 322E -.4543 *
120E -1.0137 * 222E -.4962 * 323E -.4201 *
121E -.7200 * 223E -.4639 * 324E -.3872 *
122E -.5664 * 224E -.4394 * 325E -.3799 *
123E -.4962 * 225E -.4060 * 326E -.3603 *
*****

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TABLE 25 .- TABULATED PRESSURE DATA FOR RUN 12 AT ALPHA = 6.089 DEGREES AND QINF = 2.89 KN/SQM ( 60.35 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.4277	124E	-.5965	214A	-.3678	226E	-.4424	313A	-.4645	327E	-.2467
113A	-.3410	125E	-.4466	213A	-.4816	227E	-.3452	312A	-.5220	328E	-.1794
112A	-.3766	126E	-.3418	212A	-.5085	228E	-.2726	311A	-.4963	329E	-.1574
111A	-.3356	127E	-.2559	211A	-.4706	229E	-.2123	310A	-.6265	330E	-.1231
110A	-.6094	128E	-.1944	210A	-.6094	259E	-.1866	309A	-.8486		
109A	-.8913	129E	-.1352	209A	-.6436	260E	-.1687	308A	-1.2415		
108A	-.7546	161E	-.1107	208A	-.6094			301A	-1.0194		
101A	.0483	162E	-.0661	201A	.1679			302A	.4327		
102A	.6975			202A	.7402			303A	.7402		
103A	.6291			203A	.4925			304A	.4668		
104A	.3302			204A	.2789			305A	.2789		
105A	.0654			206A	-.0969			307A	-.3190		
106A	-.1055			207A	-.5069			345E	.2146		
107A	-.2250			264E	-.2015			344E	.2513		
166E	-.0237			263E	.2718			343E	.2452		
165E	.2280			262E	.3101			342E	.2329		
164E	.2827			255E	.2855			341E	.1803		
156E	.3073			254E	.3046			340E	.0947		
155E	.3073			253E	.2581			339E	.0421		
154E	.3019			252E	.1924			338E	-.0363		
153E	.2827			239E	.1432			337E	-.0203		
139E	.2499			238E	.0365			336E	.0873		
138E	.2116			237E	-.0815			335E	.2586		
137E	.1158			236E	.0115			334E	.4458		
136E	-.0237			235E	.1081			333E	-.1097		
135E	.0146			234E	.2770			332E	-.5477		
134E	.1678			233E	.6232			331E	-.9086		
133E	.6110			232E	-.3311			314E	-1.2463		
132E	-.1358			231E	-.6945			315E	-.9938		
131E	-.6775			230E	-1.5681			316E	-1.0621		
130E	-1.1508			215E	-1.6916			317E	-1.1390		
115E	-.7870			216E	-1.1048			318E	-1.0877		
116E	-.7290			217E	-1.4465			319E	-1.0536		
117E	-1.2500			218E	-1.5746			320E	-.8230		
118E	-1.7882			219E	-1.4465			321E	-.6982		
119E	-1.9590			220E	-1.6259			322E	-.6064		
120E	-1.6002			222E	-.8064			323E	-.5367		
121E	-1.1749			223E	-.7003			324E	-.4498		
122E	-.8756			224E	-.6210			325E	-.3764		
123E	-.7182			225E	-.5161			326E	-.3128		

TABLE 26 .- TABULATED PRESSURE DATA FOR RUN 12 AT ALPHA = 12.167 DEGREES AND QINF = 2.88 KN/SQM ( 60.23 LB/SQFT )

*****														
WING STATION A				*	WING STATION B				*	WING STATION C				*
TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*
114A	.1388	124E	-.6969	*	214A	-.4232	226E	-.5257	*	313A	-.4979	327E	-.3423	*
113A	-.3135	125E	-.4865	*	213A	-.4403	227E	-.3825	*	312A	-.4918	328E	-.2895	*
112A	-.3272	126E	-.3433	*	212A	-.4391	228E	-.2963	*	311A	-.4746	329E	-.2626	*
111A	-.3573	127E	-.2516	*	211A	-.4100	229E	-.2404	*	310A	-.3729	330E	-.2295	*
110A	-.3558	128E	-.1956	*	210A	-.2274	259E	-.2214	*	309A	-.3301			*
109A	-.1162	129E	-.1486	*	209A	-.1504	260E	-.2113	*	308A	-.1589			*
108A	.2689	161E	-.1330	*	208A	.4829			*	301A	.3460			*
101A	.6797	162E	-.1195	*	201A	.7653			*	302A	.7225			*
102A	.3973			*	202A	.1235			*	303A	.1320			*
103A	-.0990			*	203A	-.4670			*	304A	-.2274			*
104A	-.6125			*	204A	-.5526			*	305A	-.3986			*
105A	-.6895			*	206A	-.7751			*	307A	-.9291			*
106A	-.5350			*	207A	-1.1688			*	345E	.2216			*
107A	-.8264			*	264E	-.2312			*	344E	.2731			*
166E	-.0476			*	263E	.2978			*	343E	.2743			*
165E	.2402			*	262E	.3471			*	342E	.2508			*
164E	.3032			*	255E	.3306			*	341E	.2020			*
156E	.3224			*	254E	.3471			*	340E	.1186			*
155E	.3306			*	253E	.3115			*	339E	.0906			*
154E	.3334			*	252E	.2429			*	338E	.0255			*
153E	.3197			*	239E	.2128			*	337E	.0733			*
139E	.3142			*	238E	.1278			*	336E	.1897			*
138E	.2813			*	237E	-.0088			*	335E	.3479			*
137E	.2073			*	236E	.1591			*	334E	.5109			*
136E	.1086			*	235E	.2608			*	333E	.7634			*
135E	.1881			*	234E	.3908			*	332E	.6274			*
134E	.3361			*	233E	.5710			*	331E	-.4219			*
133E	.6047			*	232E	.7414			*	314E	-3.3455			*
132E	.6815			*	231E	.4815			*	315E	-2.5637			*
131E	-.0914			*	230E	-1.5472			*	316E	-2.3754			*
130E	-1.6784			*	215E	-3.7034			*	317E	-2.2727			*
115E	-1.6017			*	216E	-2.5032			*	318E	-1.9475			*
116E	-1.2543			*	217E	-3.1884			*	319E	-1.9646			*
117E	-2.5209			*	218E	-2.9573			*	320E	-1.2115			*
118E	-3.1114			*	219E	-2.5209			*	321E	-.8853			*
119E	-2.9916			*	220E	-2.7348			*	322E	-.7615			*
120E	-2.2385			*	222E	-1.1444			*	323E	-.6659			*
121E	-1.6065			*	223E	-.9576			*	324E	-.5654			*
122E	-1.1254			*	224E	-.6110			*	325E	-.4759			*
123E	-.8703			*	225E	-.6432			*	326E	-.4048			*
*****														

TABLE 87 .-- TABULATED PRESSURE DATA FOR RUN 12 AT ALPHA = 18.203 DEGREES AND OINF = 2.89 KN/SQM ( 60.35 LB/SQFT )

WING STATION A			WING STATION B			WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0874	124E	-.7056	* 214A	-.1227	226E	-.4645	* 313A	-.2108
* 113A	-.1531	125E	-.5381	* 213A	-.2549	227E	-.4353	* 312A	-.2230
* 112A	-.2078	126E	-.5090	* 212A	-.2414	228E	-.3696	* 311A	-.1961
* 111A	-.1750	127E	-.5046	* 211A	-.2035	229E	-.3672	* 310A	.0816
* 110A	-.1053	128E	-.5012	* 210A	.1500	259E	-.3706	* 309A	.2781
* 109A	.3122	129E	-.5169	* 209A	.4318	260E	-.3538	* 308A	.6026
* 108A	.6026	161E	-.4711	* 208A	.6881			* 301A	.7649
* 101A	.5770	162E	-.4398	* 201A	.2952			* 302A	-.1148
* 102A	-.1832			* 202A	-1.2850			* 303A	-1.1142
* 103A	-.8921			* 203A	-1.7120			* 304A	-1.2337
* 104A	-1.2337			* 204A	-1.5839			* 305A	-1.1398
* 105A	-1.2081			* 206A	-1.4131			* 307A	-1.4643
* 106A	-1.2252			* 207A	-1.7548			* 345E	.1795
* 107A	-1.1398			* 264E	-.3856			* 344E	.2480
* 166E	-.3583			* 263E	.2573			* 343E	.2529
* 165E	.1232			* 262E	.3202			* 342E	.2468
* 164E	.2108			* 255E	.3147			* 341E	.2088
* 156E	.2573			* 254E	.3366			* 340E	.1305
* 155E	.2764			* 253E	.3120			* 339E	.1220
* 154E	.2928			* 252E	.2600			* 338E	.0951
* 153E	.2901			* 239E	.2299			* 337E	.1660
* 139E	.2709			* 238E	.1642			* 336E	.2969
* 138E	.2408			* 237E	.0008			* 335E	.4572
* 137E	.1998			* 236E	.2321			* 334E	.5918
* 136E	.1396			* 235E	.3410			* 333E	.7557
* 135E	.2436			* 234E	.4768			* 332E	.6407
* 134E	.4022			* 233E	.6285			* 331E	-.1350
* 133E	.6184			* 232E	.7251			* 314E	-3.3612
* 132E	.6785			* 231E	.4915			* 315E	-3.0616
* 131E	.2135			* 230E	-1.2777			* 316E	-3.1214
* 130E	-1.3212			* 215E	-3.4579			* 317E	-2.9335
* 115E	-1.6467			* 216E	-3.2580			* 318E	-2.3526
* 116E	-1.4814			* 217E	-4.0011			* 319E	-2.2587
* 117E	-2.9249			* 218E	-3.6851			* 320E	-1.3362
* 118E	-3.4203			* 219E	-2.9505			* 321E	-.9877
* 119E	-3.1555			* 220E	-3.1897			* 322E	-.8287
* 120E	-2.2672			* 222E	-1.1255			* 323E	-.7760
* 121E	-1.5587			* 223E	-.8787			* 324E	-.7320
* 122E	-1.0696			* 224E	-.7324			* 325E	-.7051
* 123E	-.8664			* 225E	-.5626			* 326E	-.6586

TABLE 88 .-- TABULATED PRESSURE DATA FOR RUN 12 AT ALPHA = 26.322 DEGREES AND QINF = 2.90 KN/SQM ( 60.51 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.4300	124E	-.7306	* 214A	.4155	226E	-.6672	* 313A	.2324	327E	-.6828
* 113A	.2003	125E	-.5847	* 213A	.0775	227E	-.6471	* 312A	.1141	328E	-.6730
* 112A	.0065	126E	-.6126	* 212A	.0421	228E	-.6337	* 311A	.1727	329E	-.6571
* 111A	.0393	127E	-.6349	* 211A	.1190	229E	-.6237	* 310A	.5083	330E	-.6218
* 110A	.1505	128E	-.6248	* 210A	.5254	259E	-.6237	* 309A	.6872		
* 109A	.6532	129E	-.6326	* 209A	.6872	260E	-.6026	* 308A	.7384		
* 108A	.5424	161E	-.6293	* 208A	.1250			* 301A	.3465		
* 101A	-.4203	162E	-.6259	* 201A	-1.3574			* 302A	-2.1837		
* 102A	-1.9707			* 202A	-3.9983			* 303A	-3.0186		
* 103A	-2.4904			* 203A	-3.6235			* 304A	-2.4052		
* 104A	-2.6523			* 204A	-3.1208			* 305A	-1.9452		
* 105A	-2.2604			* 206A	-2.1326			* 307A	-1.7748		
* 106A	-2.0219			* 207A	-2.3626			* 345E	.1141		
* 107A	-1.7322			* 264E	-.5856			* 344E	.2080		
* 166E	-.4573			* 263E	.2139			* 343E	.2202		
* 165E	.0775			* 262E	.2903			* 342E	.2276		
* 164E	.1866			* 255E	.2958			* 341E	.1910		
* 156E	.2275			* 254E	.3176			* 340E	.1226		
* 155E	.2521			* 253E	.2985			* 339E	.1470		
* 154E	.2848			* 252E	.2630			* 338E	.1470		
* 153E	.2876			* 239E	.2603			* 337E	.2471		
* 139E	.2794			* 238E	.2084			* 336E	.3886		
* 138E	.2685			* 237E	.0933			* 335E	.5448		
* 137E	.2576			* 236E	.3203			* 334E	.6632		
* 136E	.2548			* 235E	.4436			* 333E	.7535		
* 135E	.3831			* 234E	.5668			* 332E	.6339		
* 134E	.5331			* 233E	.6778			* 331E	.0470		
* 133E	.6887			* 232E	.7084			* 314E	-2.6584		
* 132E	.6832			* 231E	.4875			* 315E	-2.9079		
* 131E	.3640			* 230E	-.9756			* 316E	-3.1549		
* 130E	-.8311			* 215E	-3.2686			* 317E	-2.7460		
* 115E	-1.4205			* 216E	-3.8279			* 318E	-1.8856		
* 116E	-1.9793			* 217E	-4.6372			* 319E	-1.3318		
* 117E	-3.8364			* 218E	-4.1431			* 320E	-.9399		
* 118E	-4.2794			* 219E	-3.1294			* 321E	-.9073		
* 119E	-3.8279			* 220E	-3.3168			* 322E	-.8768		
* 120E	-2.5671			* 222E	-1.1416			* 323E	-.7950		
* 121E	-1.7063			* 223E	-.9367			* 324E	-.7401		
* 122E	-1.1394			* 224E	-.8019			* 325E	-.7035		
* 123E	-.8899			* 225E	-.7061			* 326E	-.7169		

TABLE 89.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 12

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-6.099	-.09662	-.22485	-.19356	-.21283	-.10533	.13235
-.058	-.07921	.35214	-.14798	.26035	-.09334	.23270
6.089	-.04659	.78229	-.09141	.75783	-.11381	.60449
12.167	.03095	1.12740	.02250	1.25751	-.03074	1.01999
18.203	.10086	1.24605	.18429	1.39948	.12428	1.27835
26.322	.25506	1.46614	.41691	1.60852	.32082	1.24681

TABLE 90 .- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 12

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-6.099	-.04484	-.05568	-.03451	-.02824	-.01299	.00435
-.058	-.05066	-.05648	-.01733	-.06034	-.02754	-.03654
6.089	-.00336	-.10459	.00976	-.11455	-.02111	-.07631
12.167	.04624	-.18510	.04361	-.22004	.02941	-.15840
18.203	.05442	-.18365	.04103	-.25390	.04747	-.17725
26.322	.03871	-.21772	-.00497	-.26483	.02937	-.14539

TABLE 91 .- PITCHING-MOMENT COEFFICIENT FOR RUN 12

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-6.099	.00420	.04931	.01438	-.01057	.00797	-.07182
-.058	.00302	-.18338	.00992	-.16113	.00687	-.09437
6.089	.00059	-.28242	.00493	-.28032	.00698	-.22802
12.167	-.00409	-.36063	-.00245	-.38715	.00069	-.32042
18.203	-.00755	-.42291	-.01293	-.41774	-.00955	-.42332
26.322	-.01536	-.49220	-.02762	-.51142	-.02164	-.44359



TABLE 92 .- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 12 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.89 (60.28)	-6.10	-.2080	.1455	-.2027	.0006	.0038	-.0119
.204	2.88 (60.20)	-4.06	-.0860	.1138	-.1484	.0006	.0031	-.0119
.205	2.90 (60.48)	-2.05	.0403	.0895	-.1048	-.0004	.0032	-.0100
.205	2.90 (60.47)	-.06	.2008	.0678	-.0612	.0023	.0031	-.0085
.205	2.89 (60.41)	2.04	.4111	.0536	-.0417	.0055	.0022	-.0076
.205	2.89 (60.32)	4.01	.6012	.0575	-.0216	.0024	.0023	-.0011
.205	2.89 (60.30)	6.09	.7769	.0643	-.0049	.0013	.0021	-.0021
.204	2.88 (60.18)	8.06	.9512	.0739	.0163	-.0003	.0020	-.0019
.204	2.88 (60.22)	10.12	1.1358	.0899	.0401	-.0005	.0015	.0019
.204	2.88 (60.18)	12.17	1.3210	.1081	.0757	.0001	.0020	.0025
.206	2.92 (60.93)	14.17	1.4625	.1286	.1156	-.0014	.0015	.0015
.204	2.89 (60.26)	16.19	1.4896	.1864	.0615	.0006	.0003	.0053
.205	2.89 (60.30)	18.20	1.5420	.2404	.0973	-.0003	.0019	.0009
.204	2.88 (60.08)	20.21	1.6259	.3017	.1140	-.0053	-.0023	.0062
.205	2.91 (60.72)	22.32	1.7063	.3668	.1346	-.0079	-.0010	.0015
.205	2.90 (60.67)	24.24	1.7631	.4220	.1583	-.0056	-.0009	.0049
.205	2.89 (60.46)	26.32	1.8376	.4878	.1983	-.0039	.0001	.0065
.205	2.89 (60.28)	28.41	1.8908	.5593	.2507	-.0088	-.0050	.0136

TABLE 93 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = -3.934 DEGREES AND QINF = 2.89 KN/SQM ( 60.28 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.6361	128B	-.3361	* 214A	-.5206	255C	-.0966	* 313A	-.4912	327E	-.3650
* 113A	-.6717	129B	-.3517	* 213A	-.5132	254C	-.1240	* 312A	-.4838	328E	-.3332
* 112A	-.7073	157C	.1033	* 212A	-.5242	253C	-.2144	* 311A	-.4826	329E	-.2928
* 111A	-.6635	156C	.1581	* 211A	-.5157	252C	-.2527	* 310A	-.5006	330E	-.2009
* 110A	-.6631	155C	.2539	* 210A	-.5519	251C	-.3239	* 309A	-.4835		
* 109A	-.7315	154C	.2703	* 209A	-.5263	243C	-.4773	* 308A	-.4835		
* 108A	-.7486	153C	.3005	* 208A	-.5263	244C	-.4032	* 301A	-.5006		
* 101A	.0808	152C	-.0638	* 201A	-.3382	245C	-.3763	* 302A	-.2612		
* 102A	.7307	144C	.2923	* 202A	.3972	246C	-.3652	* 303A	.6281		
* 103A	.7136	145C	-.1036	* 203A	.7820	247C	-.3383	* 304A	.7307		
* 104A	.4571	146C	-.3495	* 204A	.7649	248C	-.2970	* 305A	.6366		
* 105A	.2946	147C	-.5161	* 206A	.4827	249C	-.2422	* 307A	.1834		
* 106A	.1492	148C	-.4490	* 207A	.0381	250C	-.1986	* 345E	-.1997		
* 107A	-.0389	149C	-.3484	* 242B	-.2144	264D	.0020	* 344E	-.2303		
* 142B	.1142	150C	-.2198	* 241B	-.2199	263D	-.0145	* 343E	-.2462		
* 141B	.1882	151C	-.1159	* 240B	-.2637	262D	-.0254	* 342E	-.2732		
* 140B	.1362	166D	-.0008	* 239B	-.4609	261D	-.0254	* 341E	-.3001		
* 139B	.1307	165D	.2074	* 236B	-.4527	256D	-.1595	* 340E	-.3332		
* 138B	.0786	164D	.1991	* 237B	-.5500	257D	-.1796	* 339E	-.2964		
* 137B	.7633	158D	.4476	* 236B	-.5475	258D	-.1550	* 338E	-.3858		
* 136B	-.1706	159D	.2329	* 235B	-.5487	259D	-.1047	* 337E	-.4140		
* 135B	-.3020	160D	-.2187	* 234B	-.5291	260D	-.0555	* 336E	-.4397		
* 134B	-.4499	161D	-.1080	* 233B	-.5573			* 335E	-.4765		
* 133B	-.5786	162D	-.0823	* 232B	-.5610			* 334E	-.4961		
* 132B	-.5759			* 231B	-.5622			* 333E	-.4912		
* 131B	-.6088			* 230B	-.5683			* 332E	-.4961		
* 130B	-.8059			* 215B	-.5904			* 331E	-.4998		
* 115B	-.9237			* 216B	-.6973			* 314E	-.4998		
* 116B	-.7999			* 217B	.5340			* 315E	-.4750		
* 117B	.6708			* 218B	-.2441			* 316E	-.5177		
* 118B	-.1586			* 219B	-.5263			* 317E	.0466		
* 119B	-.6118			* 220B	-.5348			* 318E	-.3211		
* 120B	-.6203			* 222B	-.3808			* 319E	-.3638		
* 121B	-.4926			* 223B	-.3853			* 320E	-.3296		
* 122B	-.4300			* 224B	-.3976			* 321E	-.3258		
* 123B	-.4144			* 225B	-.3976			* 322E	-.3491		
* 124B	-.4065			* 226B	-.5138			* 323E	-.3430		
* 125B	-.4099			* 227B	-.4412			* 324E	-.3491		
* 126B	-.3808			* 228B	-.4289			* 325E	-.3846		
* 127B	-.3540			* 229B	-.3808			* 326E	-.3920		

TABLE 94 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = .264 DEGREES AND QINF = 2.89 KN/SQM ( 60.29 LB/SQFT )

*****														
WING STATION A				*	WING STATION B				*	WING STATION C				*
TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*
114A	-.3482	128B	-.3726	*	214A	-.4148	255C	.2570	*	313A	-.4344	327E	-.2446	*
113A	-.3427	129B	-.3591	*	213A	-.4234	254C	.3584	*	312A	-.4675	328E	-.1429	*
112A	-.4194	157C	.1338	*	212A	-.4062	253C	.3502	*	311A	-.4748	329E	-.0805	*
111A	-.3372	156C	.1776	*	211A	-.4087	252C	.3529	*	310A	-.5344	330E	-.0400	*
110A	-.3548	155C	.2926	*	210A	-.4232	251C	.3365	*	309A	-.5258			*
109A	-.4232	154C	.3310	*	209A	-.4147	243C	.3392	*	308A	-.5002			*
108A	-.0385	153C	.3638	*	208A	-.5087	244C	.0399	*	301A	-.5429			*
101A	.6028	152C	-.0770	*	201A	-.3377	245C	-.1434	*	302A	.0898			*
102A	.6797	144C	.4652	*	202A	.6455	246C	-.5112	*	303A	.7652			*
103A	.3206	145C	-.0182	*	203A	.7225	247C	-.5022	*	304A	.6968			*
104A	-.0043	146C	-.2977	*	204A	.5942	248C	-.4195	*	305A	.5600			*
105A	-.1411	147C	-.5346	*	206A	.2266	249C	-.3100	*	307A	.0043			*
106A	-.2266	148C	-.4631	*	207A	-.1496	250C	-.1892	*	345E	.1290			*
107A	-.2693	149C	-.3580	*	242B	.3693	264D	.0298	*	344E	.1241			*
142B	.3666	150C	-.2295	*	241B	.3036	263D	.2981	*	343E	.0971			*
141B	.2844	151C	-.1210	*	240B	.2105	262D	.3200	*	342E	.0751			*
140B	.2707	166D	-.0250	*	239B	.1804	261D	.1338	*	341E	.0273			*
139B	.2598	165D	.2187	*	238B	.1585	256D	.5676	*	340E	-.0192			*
138B	.2269	164D	.2105	*	237B	.0690	257D	-.1132	*	339E	-.1196			*
137B	.4926	158D	.5832	*	236B	.0126	258D	-.2764	*	338E	-.1245			*
136B	-.0058	159D	.3049	*	235B	-.2544	259D	-.2116	*	337E	-.1919			*
135B	-.0469	160D	-.2507	*	234B	-.4307	260D	-.1087	*	336E	-.3205			*
134B	-.0414	161D	-.1043	*	233B	-.5532			*	335E	-.4858			*
133B	-.2331	162D	-.0864	*	232B	-.5263			*	334E	-.5495			*
132B	-.4111			*	231B	-.5165			*	333E	-.5324			*
131B	-.3920			*	230B	-.5703			*	332E	-.5581			*
130B	-.3701			*	215B	-.5679			*	331E	-.6034			*
115B	-.3701			*	216B	-.6370			*	314E	-.6389			*
116B	-.3719			*	217B	-.7481			*	315E	-.6028			*
117B	-.0983			*	218B	-.9020			*	316E	-.6113			*
118B	-.5258			*	219B	-.9704			*	317E	-.6712			*
119B	-1.0901			*	220B	-1.1072			*	318E	-.7139			*
120B	-1.1414			*	222B	-.6453			*	319E	-.7139			*
121B	-.8465			*	223B	-.6028			*	320E	-.5686			*
122B	-.6677			*	224B	-.5715			*	321E	-.5067			*
123B	-.5894			*	225B	-.5402			*	322E	-.4650			*
124B	-.5581			*	226B	-.5816			*	323E	-.4136			*
125B	-.5212			*	227B	-.5112			*	324E	-.3768			*
126B	-.4586			*	228B	-.4843			*	325E	-.3670			*
127B	-.4061			*	229B	-.4251			*	326E	-.3230			*
*****														

TABLE 95 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = 4.242 DEGREES AND QINF = 2.89 KN/SQM ( 60.32 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1530	128B	-.3996	* 214A	-.3368	255C	.2713	* 313A	-.4335	327E	-.2499
* 113A	-.1146	129B	-.3693	* 213A	-.3992	254C	.3999	* 312A	-.4849	328E	-.1813
* 112A	-.2542	157C	.1454	* 212A	-.4384	253C	.4054	* 311A	-.4714	329E	-.1568
* 111A	-.1895	156C	.2001	* 211A	-.4017	252C	.4300	* 310A	-.5590	330E	-.1128
* 110A	-.2087	155C	.3506	* 210A	-.5590	251C	.3780	* 309A	-.5847		
* 109A	.0135	154C	.4054	* 209A	-.5590	243C	.6928	* 308A	-.6018		
* 108A	.4750	153C	.4519	* 208A	-.5932	244C	.0909	* 301A	-.6701		
* 101A	.7570	152C	-.0681	* 201A	-.3112	245C	-.1169	* 302A	.4579		
* 102A	.3382	144C	.6928	* 202A	.7740	246C	-.5208	* 303A	.7399		
* 103A	-.2343	145C	.0026	* 203A	.5946	247C	-.5638	* 304A	.4835		
* 104A	-.6018	146C	-.3102	* 204A	.3553	248C	-.4543	* 305A	.2955		
* 105A	-.5761	147C	-.5895	* 206A	-.0292	249C	-.3337	* 307A	-.2856		
* 106A	-.5249	148C	-.4510	* 207A	-.4479	250C	-.2119	* 345E	.2189		
* 107A	-.4138	149C	-.3270	* 242B	.4601	264D	-.0106	* 344E	.2593		
* 142B	.4629	150C	-.2153	* 241B	.2932	263D	.3151	* 343E	.2569		
* 141B	.3479	151C	-.1214	* 240B	.2685	262D	.3534	* 342E	.2348		
* 140B	.3506	166D	-.0517	* 239B	.2412	261D	.0304	* 341E	.1773		
* 139B	.3452	165D	.2439	* 238B	.1919	256D	.7992	* 340E	.1124		
* 138B	.3041	164D	.2494	* 237B	.1014	257D	-.1594	* 339E	-.1177		
* 137B	.3890	158D	.7288	* 236B	.1196	258D	-.3471	* 338E	-.0259		
* 136B	.0551	159D	.3858	* 235B	.2042	259D	-.2868	* 337E	.0096		
* 135B	.0551	160D	-.3002	* 234B	.3658	260D	-.1672	* 336E	.1198		
* 134B	.1372	161D	-.1214	* 233B	.5152			* 335E	.3267		
* 133B	.3999	162D	-.1035	* 232B	-.3478			* 334E	.2863		
* 132B	.0660			* 231B	-.6501			* 333E	-.4665		
* 131B	-.2378			* 230B	-1.2218			* 332E	-.6611		
* 130B	-.4048			* 215B	-1.2695			* 331E	-.9463		
* 115B	-.3172			* 216B	-1.0974			* 314E	-1.2144		
* 116B	-.2685			* 217B	-1.4136			* 315E	-.9778		
* 117B	-.5761			* 218B	-1.5759			* 316E	-1.0603		
* 118B	-1.1828			* 219B	-1.4221			* 317E	-1.1828		
* 119B	-1.5845			* 220B	-1.6870			* 318E	-1.1401		
* 120B	-1.5503			* 222B	-.9169			* 319E	-1.1572		
* 121B	-1.1157			* 223B	-.8174			* 320E	-.8752		
* 122B	-.8845			* 224B	-.7571			* 321E	-.7113		
* 123B	-.7627			* 225B	-.6890			* 322E	-.6183		
* 124B	-.6823			* 226B	-.6845			* 323E	-.5424		
* 125B	-.5985			* 227B	-.5873			* 324E	-.4457		
* 126B	-.5024			* 228B	-.5392			* 325E	-.3833		
* 127B	-.4409			* 229B	-.4834			* 326E	-.3209		

TABLE 96 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = 8.255 DEGREES AND QINF = 2.89 KN/SQM ( 60.34 LB/SQFT )

*****														
WING STATION A				*	WING STATION B				*	WING STATION C				*
TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*
114A	-.1552	128B	-.4169	*	214A	-.5332	255C	.3017	*	313A	-.5981	327E	-.2751	*
113A	-.1798	129B	-.3789	*	213A	-.5577	254C	.4412	*	312A	-.5895	328E	-.2298	*
112A	-.2181	157C	.1567	*	212A	-.5871	253C	.4522	*	311A	-.5748	329E	-.2114	*
111A	-.1689	156C	.2169	*	211A	-.5516	252C	.4740	*	310A	-.5755	330E	-.1821	*
110A	.0225	155C	.3701	*	210A	-.5242	251C	.4138	*	309A	-.6695			*
109A	.3898	154C	.4303	*	209A	-.6268	243C	.7640	*	308A	-.6524			*
108A	.6802	153C	.4768	*	208A	.0481	244C	.1527	*	301A	-.1398			*
101A	.4154	152C	-.0348	*	201A	.1335	245C	-.1042	*	302A	.7315			*
102A	-.5670	144C	.7476	*	202A	.4752	246C	-.6771	*	303A	.4837			*
103A	-1.2503	145C	.0086	*	203A	.0139	247C	-.6168	*	304A	.0652			*
104A	-1.4383	146C	-.3197	*	204A	-.2253	248C	-.4873	*	305A	-.0801			*
105A	-1.1820	147C	-.6123	*	206A	-.5328	249C	-.3555	*	307A	-.6609			*
106A	-1.0795	148C	-.4828	*	207A	-.9941	250C	-.2270	*	345E	.2168			*
107A	-.6865	149C	-.3387	*	242B	.5807	264D	-.0047	*	344E	.2596			*
142B	.4850	150C	-.2159	*	241B	.3509	263D	.3455	*	343E	.2535			*
141B	.3701	151C	-.1142	*	240B	.3208	262D	.3865	*	342E	.2364			*
140B	.3783	166D	-.0430	*	239B	.2962	261D	.1266	*	341E	.1789			*
139B	.3783	165D	.2579	*	238B	.2524	256D	.8205	*	340E	.1214			*
139B	.3372	164D	.2771	*	237B	.1581	257D	-.1567	*	339E	-.1331			*
137B	.3509	158D	.7770	*	236B	.1960	258D	-.3599	*	338E	.0076			*
136B	.1156	159D	.4721	*	235B	.2682	259D	-.2907	*	337E	.0321			*
135B	.1320	160D	-.3030	*	234B	.3918	260D	-.1757	*	336E	.1446			*
134B	.2087	161D	-.0886	*	233B	.5668			*	335E	.2902			*
133B	.4138	162D	-.0930	*	232B	.7748			*	334E	.4640			*
132B	.7011			*	231B	.4505			*	333E	.7393			*
131B	.5506			*	230B	-1.7593			*	332E	.5606			*
130B	-.4890			*	215B	-3.5763			*	331E	-.6458			*
115B	-.9377			*	216B	-2.1302			*	314E	-3.2141			*
116B	-.4986			*	217B	-2.6256			*	315E	-2.1900			*
117B	-1.2076			*	218B	-2.5915			*	316E	-2.0362			*
118B	-2.0960			*	219B	-2.2669			*	317E	-1.9935			*
119B	-2.3010			*	220B	-2.6513			*	318E	-1.7970			*
120B	-2.1473			*	222B	-1.1618			*	319E	-1.9423			*
121B	-1.4600			*	223B	-1.0133			*	320E	-1.1905			*
122B	-1.0937			*	224B	-.9396			*	321E	-.9223			*
123B	-.9172			*	225B	-.8156			*	322E	-.7718			*
124B	-.8022			*	226B	-.7977			*	323E	-.6666			*
125B	-.6794			*	227B	-.6671			*	324E	-.5210			*
126B	-.5543			*	228B	-.6012			*	325E	-.4402			*
127B	-.4727			*	229B	-.5241			*	326E	-.3521			*
*****														

TABLE 97 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = 12.433 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.1625	128B	-.4565	* 214A	-.2647	255C	.3238	* 313A	-.3797	327E	-.3504
* 113A	.0476	129B	-.4007	* 213A	-.3870	254C	.4660	* 312A	-.3944	328E	-.3137
* 112A	-.0372	157C	.1816	* 212A	-.4029	253C	.4824	* 311A	-.3614	329E	-.2990
* 111A	.0394	156C	.2445	* 211A	-.3467	252C	.5098	* 310A	-.1821	330E	-.2550
* 110A	.3644	155C	.3949	* 210A	-.0369	251C	.4606	* 309A	-.0284		
* 109A	.6632	154C	.4524	* 209A	.1509	243C	.7614	* 308A	.2705		
* 108A	.5693	153C	.5070	* 208A	.6803	244C	.1709	* 301A	.6205		
* 101A	-.3955	152C	.0257	* 201A	.2790	245C	-.1093	* 302A	.4412		
* 102A	-2.0007	144C	.7942	* 202A	-.3784	246C	-.7144	* 303A	-.3784		
* 103A	-2.5813	145C	.0347	* 203A	-.9761	247C	-.6451	* 304A	-.7285		
* 104A	-2.4191	146C	-.3270	* 204A	-1.1042	248C	-.5034	* 305A	-.7541		
* 105A	-2.0434	147C	-.6463	* 206A	-1.1469	249C	-.3650	* 307A	-1.2835		
* 106A	-1.5140	148C	-.5067	* 207A	-1.5482	250C	-.2366	* 345E	.1792		
* 107A	-1.0273	149C	-.3583	* 242B	.6492	264D	.0039	* 344E	.2294		
* 142B	.5371	150C	-.2310	* 241B	.4168	263D	.3758	* 343E	.2281		
* 141B	.4113	151C	-.1272	* 240B	.3512	262D	.4141	* 342E	.2196		
* 140B	.4195	166D	-.0262	* 239B	.3484	261D	.1898	* 341E	.1792		
* 139B	.4168	165D	.2801	* 238B	.3184	256D	.9105	* 340E	.1364		
* 138B	.3922	164D	.2992	* 237B	.2587	257D	-.1450	* 339E	-.0862		
* 137B	.3813	158D	.7625	* 236B	.2978	258D	-.3705	* 338E	.0679		
* 136B	.2199	159D	.5370	* 235B	.3896	259D	-.2991	* 337E	.1230		
* 135B	.2527	160D	-.3069	* 234B	.5070	260D	-.1785	* 336E	.2367		
* 134B	.3512	161D	-.0591	* 233B	.6537			* 335E	.3945		
* 133B	.5317	162D	-.1015	* 232B	.7773			* 334E	.5400		
* 132B	.6985			* 231B	.5045			* 333E	.7430		
* 131B	.7313			* 230B	-1.4865			* 332E	.6207		
* 130B	.1679			* 215B	-3.8702			* 331E	-.2598		
* 115B	-.6907			* 216B	-3.0082			* 314E	-3.4776		
* 116B	-.4211			* 217B	-3.9133			* 315E	-2.9826		
* 117B	-1.7702			* 218B	-3.6486			* 316E	-3.0168		
* 118B	-2.8204			* 219B	-3.0424			* 317E	-2.9058		
* 119B	-3.0253			* 220B	-3.4351			* 318E	-2.4276		
* 120B	-2.6667			* 222B	-1.4489			* 319E	-2.5642		
* 121B	-1.7458			* 223B	-1.2368			* 320E	-1.5055		
* 122B	-1.2881			* 224B	-1.0961			* 321E	-1.1160		
* 123B	-1.0526			* 225B	-.9365			* 322E	-.9191		
* 124B	-.8941			* 226B	-.8851			* 323E	-.7625		
* 125B	-.7411			* 227B	-.7289			* 324E	-.5803		
* 126B	-.5860			* 226B	-.6440			* 325E	-.4886		
* 127B	-.5000			* 229B	-.5659			* 326E	-.4054		

TABLE 98 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = 14.381 DEGREES AND QINF = 2.89 KN/SQM ( 60.32 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.2108	128B	-.5272	* 214A	-.1228	255C	.3257	* 313A	-.2599	327E	-.4766
* 113A	.1095	129B	-.5228	* 213A	-.3236	254C	.4653	* 312A	-.2930	328E	-.4362
* 112A	.0165	157C	.1013	* 212A	-.3481	253C	.4817	* 311A	-.2636	329E	-.4264
* 111A	.0876	156C	.1807	* 211A	-.2905	252C	.5064	* 310A	-.0295	330E	-.3579
* 110A	.4405	155C	.3586	* 210A	.1072	251C	.4653	* 309A	.1585		
* 109A	.6798	154C	.4270	* 209A	.3294	243C	.7527	* 308A	.4918		
* 108A	.5089	153C	.4845	* 208A	.7481	244C	.1911	* 301A	.7140		
* 101A	-.6277	152C	.0000	* 201A	.3807	245C	-.0993	* 302A	.1243		
* 102A	-2.2684	144C	.8020	* 202A	-.9951	246C	-.7138	* 303A	-.9780		
* 103A	-2.6529	145C	-.0144	* 203A	-1.5249	247C	-.6378	* 304A	-1.1575		
* 104A	-2.5589	146C	-.4434	* 204A	-1.4053	248C	-.4971	* 305A	-1.0806		
* 105A	-1.8753	147C	-.7942	* 206A	-1.4138	249C	-.3652	* 307A	-1.5420		
* 106A	-1.5164	148C	-.6501	* 207A	-1.7642	250C	-.2412	* 345E	.1538		
* 107A	-1.0208	149C	-.4982	* 242B	.6624	264D	-.0054	* 344E	.2113		
* 142B	.5223	150C	-.3987	* 241B	.4188	263D	.3695	* 343E	.2150		
* 141B	.3942	151C	-.2703	* 240B	.3641	262D	.4198	* 342E	.2064		
* 140B	.3996	166D	-.1751	* 239B	.3641	261D	.1944	* 341E	.1709		
* 139B	.3969	165D	.2190	* 238B	.3476	256D	.8034	* 340E	.1305		
* 138B	.3668	164D	.2546	* 237B	.2884	257D	-.1451	* 339E	-.0739		
* 137B	.3777	158D	.7352	* 236B	.3411	258D	-.3798	* 338E	.0816		
* 136B	.2217	159D	.5911	* 235B	.4243	259D	-.3016	* 337E	.1501		
* 135B	.2710	160D	-.4915	* 234B	.5443	260D	-.1876	* 336E	.2762		
* 134B	.3695	161D	-.1306	* 233B	.6801			* 335E	.4231		
* 133B	.5283	162D	-.2669	* 232B	.7756			* 334E	.5724		
* 132B	.6897			* 231B	.5075			* 333E	.7438		
* 131B	.7089			* 230B	-1.3995			* 332E	.6189		
* 130B	.2409			* 215B	-3.7423			* 331E	-.2146		
* 115B	-.5857			* 216B	-3.3024			* 314E	-3.4926		
* 116B	-.4055			* 217B	-4.3107			* 315E	-3.2596		
* 117B	-1.7300			* 218B	-4.0458			* 316E	-3.3793		
* 118B	-2.6102			* 219B	-3.3195			* 317E	-3.1913		
* 119B	-2.7896			* 220B	-3.6613			* 318E	-2.6615		
* 120B	-2.4136			* 222B	-1.5283			* 319E	-2.7469		
* 121B	-1.5573			* 223B	-1.2892			* 320E	-1.5677		
* 122B	-1.1350			* 224B	-1.1294			* 321E	-1.1547		
* 123B	-.9607			* 225B	-.9585			* 322E	-.9442		
* 124B	-.8311			* 226B	-.8993			* 323E	-.8022		
* 125B	-.7160			* 227B	-.7362			* 324E	-.6724		
* 126B	-.6244			* 228B	-.6479			* 325E	-.5610		
* 127B	-.5518			* 229B	-.5641			* 326E	-.5121		
*****											

TABLE 99 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = 16.369 DEGREES AND QINF = 2.89 KN/SQM ( 60.46 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.3542	128B	-.5498	* 214A	.0699	255C	.3187	* 313A	-.1732	327E	-.7191
* 113A	.1904	129B	-.5743	* 213A	-.2135	254C	.4689	* 312A	-.1964	328E	-.5896
* 112A	.0921	157C	.0784	* 212A	-.2623	253C	.4880	* 311A	-.1646	329E	-.5530
* 111A	.1795	156C	.1549	* 211A	-.1891	252C	.5208	* 310A	.1004	330E	-.4309
* 110A	.5096	155C	.3488	* 210A	.2368	251C	.4771	* 309A	.3221		
* 109A	.6716	154C	.4307	* 209A	.5182	243C	.7666	* 308A	.6205		
* 108A	.3476	153C	.4853	* 208A	.7057	244C	.2016	* 301A	.6972		
* 101A	-1.0081	152C	-.0636	* 201A	.7569	245C	-.0905	* 302A	-.4538		
* 102A	-2.8668	144C	.7830	* 202A	-1.6902	246C	-.7192	* 303A	-1.4600		
* 103A	-3.1567	145C	-.0348	* 203A	-2.0483	247C	-.6412	* 304A	-1.5452		
* 104A	-2.9180	146C	-.4807	* 204A	-1.8607	248C	-.4929	* 305A	-1.3662		
* 105A	-1.9630	147C	-.8675	* 206A	-1.6475	249C	-.3725	* 307A	-1.7072		
* 106A	-1.6731	148C	-.7181	* 207A	-2.0056	250C	-.2655	* 345E	.1334		
* 107A	-1.1274	149C	-.5676	* 242B	.6874	264D	-.0527	* 344E	.2005		
* 142B	.3815	150C	-.4528	* 241B	.4389	263D	.3652	* 343E	.2030		
* 141B	.3870	151C	-.3424	* 240B	.3733	262D	.4143	* 342E	.1920		
* 140B	.3979	166D	-.2083	* 239B	.3815	261D	.1876	* 341E	.1566		
* 139B	.4007	165D	.2013	* 238B	.3624	256D	.8002	* 340E	.1199		
* 138B	.3679	164D	.2341	* 237B	.3227	257D	-.1663	* 339E	-.0975		
* 137B	.6164	158D	.7277	* 236B	.3691	258D	-.4216	* 338E	.0957		
* 136B	.2395	159D	.3520	* 235B	.4558	259D	-.3313	* 337E	.1725		
* 135B	.2942	160D	-.6055	* 234B	.5743	260D	-.2276	* 336E	.2995		
* 134B	.4034	161D	-.1920	* 233B	.6952			* 335E	.4485		
* 133B	.5618	162D	-.3123	* 232B	.7709			* 334E	.5889		
* 132B	.6929			* 231B	.5034			* 333E	.7367		
* 131B	.7010			* 230B	-1.3212			* 332E	.6097		
* 130B	.3215			* 215B	-3.6564			* 331E	-.1646		
* 115B	-.4295			* 216B	-3.5404			* 314E	-3.4475		
* 116B	-.3771			* 217B	-4.7085			* 315E	-3.4210		
* 117B	-1.8522			* 218B	-4.3163			* 316E	-3.6171		
* 118B	-2.7815			* 219B	-3.4978			* 317E	-3.3954		
* 119B	-2.9009			* 220B	-3.8303			* 318E	-2.7986		
* 120B	-2.4831			* 222B	-1.5441			* 319E	-2.7645		
* 121B	-1.5698			* 223B	-1.2866			* 320E	-1.5623		
* 122B	-1.1373			* 224B	-1.1116			* 321E	-1.1075		
* 123B	-.9556			* 225B	-.9256			* 322E	-.9377		
* 124B	-.8162			* 226B	-.8318			* 323E	-.9157		
* 125B	-.7114			* 227B	-.6902			* 324E	-.8510		
* 126B	-.5799			* 228B	-.6167			* 325E	-.8327		
* 127B	-.5554			* 229B	-.5442			* 326E	-.7875		



TABLE 100 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = 20.468 DEGREES AND QINF = 2.89 KN/SQM ( 60.40 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.6834	128B	-.6192	* 214A	.3638	255C	.2542	* 313A	.0521	327E	-.8170
* 113A	.4756	129B	-.6392	* 213A	-.0334	254C	.4346	* 312A	-.0371	328E	-.7327
* 112A	.1449	157C	.0438	* 212A	-.0811	253C	.4647	* 311A	.0277	329E	-.6667
* 111A	.3062	156C	.1312	* 211A	.0106	252C	.5057	* 310A	.3887	330E	-.5958
* 110A	.6618	155C	.3362	* 210A	.4911	251C	.4647	* 309A	.6021		
* 109A	.6191	154C	.4210	* 209A	.7216	243C	.7627	* 308A	.7813		
* 108A	-.1404	153C	.4866	* 208A	.5423	244C	.1630	* 301A	.5850		
* 101A	-2.1630	152C	.0438	* 201A	.0815	245C	-.1572	* 302A	-.9938		
* 102A	-4.1600	144C	.7900	* 202A	-2.5897	246C	-.8267	* 303A	-2.4873		
* 103A	-4.1686	145C	-.0501	* 203A	-2.7604	247C	-.7943	* 304A	-1.9497		
* 104A	-3.7931	146C	-.5489	* 204A	-2.3422	248C	-.6694	* 305A	-1.7448		
* 105A	-2.3849	147C	-.9528	* 206A	-1.6680	249C	-.5756	* 307A	-1.5230		
* 106A	-1.9326	148C	-.7642	* 207A	-1.9923	250C	-.5132	* 345E	.0998		
* 107A	-1.3096	149C	-.6325	* 242B	.6943	264D	-.2569	* 344E	.1707		
* 142B	.3198	150C	-.5254	* 241B	.4401	263D	.3089	* 343E	.1793		
* 141B	.4128	151C	-.4150	* 240B	.3581	262D	.3636	* 342E	.1805		
* 140B	.4210	166D	-.2870	* 239B	.3608	261D	.1476	* 341E	.1450		
* 139B	.4182	165D	.1804	* 238B	.3554	256D	.7633	* 340E	.1096		
* 138B	.3991	164D	.2214	* 237B	.3357	257D	-.3793	* 339E	-.1043		
* 137B	.5795	158D	.7064	* 236B	.4017	258D	-.6883	* 338E	.1181		
* 136B	.3062	159D	.4353	* 235B	.4922	259D	-.5768	* 337E	.2098		
* 135B	.3690	160D	-.6738	* 234B	.6108	260D	-.4629	* 336E	.3443		
* 134B	.4784	161D	-.1427	* 233B	.7257			* 335E	.4702		
* 133B	.6287	162D	-.4161	* 232B	.7746			* 334E	.6193		
* 132B	.7381			* 231B	.5350			* 333E	.7391		
* 131B	.7107			* 230B	-1.0114			* 332E	.6181		
* 130B	.3909			* 215B	-3.1739			* 331E	-.0249		
* 115B	-.1421			* 216B	-3.3749			* 314E	-3.3842		
* 116B	-.2428			* 217B	-4.1600			* 315E	-2.7007		
* 117B	-2.0435			* 218B	-3.8528			* 316E	-3.0421		
* 119B	-2.9823			* 219B	-2.8884			* 317E	-3.3237		
* 119B	-3.0421			* 220B	-2.7775			* 318E	-2.5556		
* 120B	-2.5300			* 222B	-1.1023			* 319E	-2.4532		
* 121B	-1.6546			* 223B	-.9840			* 320E	-1.0365		
* 122B	-1.2172			* 224B	-.9271			* 321E	-1.1434		
* 123B	-.9762			* 225B	-.8557			* 322E	-1.0273		
* 124B	-.8077			* 226B	-.8200			* 323E	-.9894		
* 125B	-.6805			* 227B	-.7296			* 324E	-.9295		
* 126B	-.6035			* 228B	-.7017			* 325E	-.8977		
* 127B	-.5991			* 229B	-.6716			* 326E	-.9112		

TABLE 101 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = 24.496 DEGREES AND QINF = 2.90 KN/SQM ( 60.47 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.7235	128B	-.7577	214A	.4794	255C	.1966	313A	.2120	327E	-.7465
113A	.7290	129B	-.7667	213A	.1265	254C	.3932	312A	.0875	328E	-.7098
112A	.2157	157C	-.0191	212A	.0850	253C	.4341	311A	.1461	329E	-.6830
111A	.3850	156C	.0847	211A	.1497	252C	.4833	310A	.4991	330E	-.6451
110A	.7207	155C	.3058	210A	.6014	251C	.4451	309A	.6866		
109A	.4906	154C	.4096	209A	.7719	243C	.7508	308A	.7122		
108A	-.6773	153C	.4751	208A	.3627	244C	.1506	301A	.2775		
101A	-2.9447	152C	.0546	201A	-.3278	245C	-.1650	302A	-2.3430		
102A	-5.3400	144C	.7891	202A	-3.0811	246C	-.8458	303A	-3.1919		
103A	-4.9564	145C	-.0868	203A	-2.8765	247C	-.8402	304A	-2.5952		
104A	-4.4961	146C	-.6273	204A	-2.5867	248C	-.7254	305A	-2.1690		
105A	-2.7060	147C	-1.1133	206A	-1.6235	249C	-.6853	307A	-1.9815		
106A	-2.2116	148C	-.9026	207A	-1.7684	250C	-.6218	345E	.0838		
107A	-1.6661	149C	-.7455	242B	.6744	264D	-.3740	344E	.1656		
142B	.5652	150C	-.6641	241B	.4505	263D	.2703	343E	.1766		
141B	.4178	151C	-.6229	240B	.3522	262D	.3195	342E	.1790		
140B	.4205	166D	-.4586	239B	.3604	261D	.0819	341E	.1436		
139B	.4150	165D	.1092	238B	.3577	256D	.7591	340E	.1180		
138B	.3959	164D	.1611	237B	.3353	257D	-.4568	339E	-.0896		
137B	.5215	158D	.6521	236B	.4184	258D	-.8335	338E	.1375		
136B	.3413	159D	.4983	235B	.5124	259D	-.7276	337E	.2352		
135B	.4205	160D	-.9071	234B	.6272	260D	-.6129	336E	.3805		
134B	.5297	161D	-.1849	233B	.7224			335E	.5234		
133B	.6689	162D	-.5906	232B	.7578			334E	.6467		
132B	.7618			231B	.5612			333E	.7346		
131B	.7481			230B	-.7355			332E	.6101		
130B	.4259			215B	-2.6317			331E	-.0151		
115B	.0028			216B	-2.8936			314E	-2.9260		
116B	-.2255			217B	-3.4903			315E	-3.3539		
117B	-2.2713			218B	-3.0214			316E	-3.6522		
118B	-3.1919			219B	-1.9218			317E	-3.2686		
119B	-3.1493			220B	-1.3763			318E	-2.3736		
120B	-2.5526			222B	-.8380			319E	-1.9048		
121B	-1.5212			223B	-.8213			320E	-1.2058		
122B	-1.0564			224B	-.7834			321E	-1.0725		
123B	-.8424			225B	-.7488			322E	-.9882		
124B	-.7577			226B	-.7276			323E	-.9113		
125B	-.7600			227B	-.7143			324E	-.8246		
126B	-.7600			228B	-.7009			325E	-.7941		
127B	-.7644			229B	-.6675			326E	-.7709		

TABLE 102 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = 28.482 DEGREES AND QINF = 2.90 KN/SQM ( 60.52 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CF	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.7146	128B	-.6717	214A	.5923	255C	.2044	313A	.4019	327E	-.8377
113A	.7146	129B	-.6717	213A	.2641	254C	.4008	312A	.2531	328E	-.8036
112A	.2262	157C	-.0630	212A	.1628	253C	.4472	311A	.2970	329E	-.7877
111A	.4526	156C	.0380	211A	.2287	252C	.4963	310A	.6092	330E	-.7303
110A	.7625	155C	.2726	210A	.6433	251C	.4717	309A	.7284		
109A	.5410	154C	.3763	209A	.7029	243C	.7337	308A	.5496		
108A	-.3278	153C	.4499	208A	-.1149	244C	.1201	301A	-.2852		
101A	-1.7418	152C	-.0057	201A	-1.4096	245C	-.1951	302A	-3.7095		
102A	-1.9973	144C	.7937	202A	-4.4420	246C	-.9646	303A	-4.1609		
103A	-1.7759	145C	-.0224	203A	-3.6839	247C	-.9056	304A	-3.4114		
104A	-1.5629	146C	-.5570	204A	-3.2751	248C	-.7898	305A	-2.1166		
105A	-1.7503	147C	-.9902	206A	-1.9548	249C	-.7653	307A	-2.0910		
106A	-1.8696	148C	-.8221	207A	-2.0570	250C	-.6929	345E	.0530		
107A	-1.7163	149C	-.7307	242B	.6709	264D	-.4422	344E	.1494		
142B	.5509	150C	-.6996	241B	.4854	263D	.2589	343E	.1677		
141B	.3872	151C	-.6695	240B	.3681	262D	.3053	342E	.1786		
140B	.4090	166D	-.5541	239B	.3817	261D	.0816	341E	.1433		
139B	.4035	165D	.0625	238B	.3817	256D	.7371	340E	.1262		
138B	.3872	164D	.1253	237B	.3641	257D	-.5180	339E	-.0983		
137B	.4772	159D	.6536	236B	.4532	258D	-.9490	338E	.1701		
136B	.3462	159D	.5611	235B	.5520	259D	-.8165	337E	.2702		
135B	.4417	160D	-.9858	234B	.6545	260D	-.7096	336E	.4117		
134B	.5645	161D	-.2396	233B	.7387			335E	.5496		
133B	.7009	162D	-.7062	232B	.7509			334E	.6618		
132B	.7746			231B	.5496			333E	.7143		
131B	.7609			230B	-.6657			332E	.5898		
130B	.4281			215B	-2.6386			331E	.0652		
115B	-.0712			216B	-3.1643			314E	-2.6386		
116B	-.4471			217B	-3.8969			315E	-3.1899		
117B	-2.5510			218B	-3.2751			316E	-3.5136		
118B	-2.2359			219B	-2.1507			317E	-3.1643		
119B	-1.7163			220B	-1.6822			318E	-2.1422		
120B	-1.2903			222B	-.8978			319E	-1.6737		
121B	-.8521			223B	-.8944			320E	-1.1967		
122B	-.7235			224B	-.8410			321E	-1.1379		
123B	-.6506			225B	-.7675			322E	-1.0793		
124B	-.6171			226B	-.7719			323E	-.9890		
125B	-.6528			227B	-.7519			324E	-.9329		
126B	-.6695			228B	-.7641			325E	-.8938		
127B	-.6751			229B	-.7408			326E	-.8656		

TABLE 103.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 59

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.934	-.12594	.23814	.08112	.02499	-.14825	-.05371	.02174	.00962	-.12825	-.03823
.264	-.05178	.56200	.08814	.02689	-.11515	.44977	.13668	.04671	-.12499	.18062
4.242	.02137	.84252	.09653	.03124	-.09087	.89710	.15412	.05360	-.10622	.58595
8.255	.11234	1.10289	.10175	.03149	-.04069	1.31447	.16765	.05872	-.08483	.92296
12.433	.25056	1.34050	.10896	.03254	.10220	1.65032	.17688	.06267	.03989	1.17414
14.381	.26231	1.27800	.12537	.03843	.16245	1.74816	.17597	.06323	.10514	1.28757
16.269	.30877	1.32030	.13284	.04421	.23044	1.79368	.17762	.06603	.16449	1.41901
20.468	.41568	1.38873	.14306	.04681	.30945	1.58297	.20275	.08493	.24775	1.40981
24.496	.49429	1.43259	.16052	.05218	.34360	1.30597	.20760	.09462	.34446	1.37047
28.482	.28206	1.16076	.15068	.05528	.43804	1.41354	.22412	.10337	.42257	1.41546

TABLE 104.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 59

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.934	.00210	-.04606	.00194	.00232	-.00579	.00386	-.00570	-.00180	-.01289	-.00898
.264	.02335	-.03421	.00381	.00297	-.00146	-.05413	.01018	.00161	-.00947	-.04897
4.242	.03976	-.03818	.00500	.00372	.00194	-.08052	.01468	.00257	-.00548	-.08021
8.255	.04670	-.07236	.00538	.00418	.02676	-.15716	.01657	.00264	.01070	-.14315
12.433	.03083	-.08480	.00601	.00439	.04513	-.21152	.01702	.00263	.04269	-.18952
14.381	.02212	-.07334	.00773	.00454	.04654	-.22767	.01723	.00259	.04794	-.19965
16.369	.00914	-.08009	.00824	.00338	.04679	-.24415	.01794	.00253	.04737	-.19665
20.468	-.02359	-.07767	.00922	.00357	.02752	-.20677	.02340	.00176	.04257	-.15992
24.495	-.05174	-.07279	.01118	.00352	.01079	-.15765	.02593	.00187	.03110	-.17345
28.482	-.01139	-.05664	.01256	.00391	-.01927	-.17245	.02709	.00168	.00630	-.15409

TABLE 105.- PITCHING-MOMENT COEFFICIENT FOR RUN 59

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.934	.00730	-.16960	-.00567	-.00098	.01043	-.00493	-.00242	-.00043	.00565	-.00801
.264	.00226	-.26385	-.00624	-.00102	.00758	-.22018	-.01361	-.00248	.00673	-.10239
4.242	-.00229	-.33230	-.00671	-.00115	.00508	-.33744	-.01513	-.00290	.00666	-.22605
8.255	-.00741	-.38855	-.00702	-.00118	.00162	-.42958	-.01650	-.00315	.00462	-.28253
12.433	-.01518	-.45159	-.00752	-.00128	-.00789	-.51370	-.01735	-.00335	-.00414	-.34330
14.381	-.01564	-.44108	-.00875	-.00160	-.01190	-.53530	-.01730	-.00337	-.00853	-.38804
16.369	-.01819	-.45329	-.00936	-.00174	-.01653	-.53735	-.01745	-.00353	-.01227	-.46038
20.463	-.02413	-.47204	-.01000	-.00198	-.02107	-.49826	-.02036	-.00450	-.01729	-.48965
24.496	-.02822	-.50399	-.01135	-.00229	-.02292	-.44211	-.02109	-.00509	-.02343	-.46428
28.482	-.01834	-.43347	-.01092	-.00249	-.02868	-.47239	-.02277	-.00558	-.02704	-.50221

TABLE 106.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 59 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.89 (60.38)	-5.91	-.1235	.1344	-.2253	.0027	.0022	-.0109
.203	2.88 (60.23)	-3.93	.0208	.1110	-.1634	.0005	.0014	-.0047
.203	2.89 (60.30)	-1.90	.2183	.0879	-.1445	.0032	.0015	-.0064
.203	2.88 (60.24)	.26	.5059	.0738	-.1423	.0037	.0015	-.0019
.204	2.89 (60.38)	2.24	.7481	.0720	-.1395	.0026	.0019	-.0084
.203	2.89 (60.27)	4.24	.9622	.0834	-.1185	.0027	.0020	.0004
.203	2.88 (60.21)	6.35	1.1843	.0963	-.1067	.0033	.0013	.0021
.203	2.89 (60.29)	8.25	1.3867	.1144	-.0868	.0012	.0012	.0022
.203	2.89 (60.32)	10.39	1.6025	.1383	-.0589	.0010	.0008	.0014
.204	2.89 (60.32)	12.43	1.8014	.1708	-.0280	-.0000	.0010	.0077
.203	2.89 (60.31)	13.48	1.8354	.1908	-.0343	-.0048	-.0003	.0070
.203	2.89 (60.27)	14.38	1.8971	.2131	-.0277	-.0049	-.0002	.0137
.203	2.88 (60.22)	15.38	1.9595	.2356	-.0269	-.0063	.0007	.0124
.204	2.89 (60.41)	16.37	1.9667	.2691	-.0280	-.0051	.0020	.0071
.204	2.89 (60.33)	17.54	1.9916	.3007	-.0116	-.0082	.0006	.0053
.203	2.88 (60.17)	18.38	2.0216	.3264	-.0098	-.0112	-.0017	.0113
.204	2.89 (60.35)	20.47	2.0358	.4047	.0592	-.0099	-.0012	.0121
.204	2.88 (60.22)	22.49	2.0389	.4674	.1126	-.0126	-.0035	.0100
.204	2.89 (60.42)	24.50	1.9933	.5512	.1580	-.0086	-.0014	.0087
.204	2.89 (60.35)	26.48	1.9261	.6072	.1447	-.0085	-.0009	.0056
.204	2.90 (60.46)	28.48	1.8924	.6667	.1181	-.0101	-.0012	.0092

TABLE 107.- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = -3.917 DEGREES AND QINF = 2.89 KN/SQM ( 60.36 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.7299	129B	-.3233	* 214A	-.5224	255C	-.1062	* 313A	-.4942	327E	-.3646
* 113A	-.7162	129B	-.3423	* 213A	-.5114	254C	-.1527	* 312A	-.4942	328E	-.3474
* 112A	-.7873	157C	.0935	* 212A	-.5395	253C	-.1855	* 311A	-.4820	329E	-.3034
* 111A	-.6861	156C	.1482	* 211A	-.5199	252C	-.3004	* 310A	-.4902	330E	-.1799
* 110A	-.7208	155C	.2357	* 210A	-.5842	251C	-.3469	* 309A	-.4902		
* 109A	-.7721	154C	.2576	* 209A	-.5500	243C	-.4864	* 308A	-.4817		
* 108A	-.8916	153C	.2439	* 208A	-.5500	244C	-.3981	* 301A	-.4817		
* 101A	-.4305	152C	-.0925	* 201A	-.1486	245C	-.3680	* 302A	-.2255		
* 102A	.4833	144C	.2193	* 202A	.3894	246C	-.3512	* 303A	.6456		
* 103A	.7566	145C	-.1100	* 203A	.7652	247C	-.3289	* 304A	.7566		
* 104A	.6371	146C	-.3244	* 204A	.7481	248C	-.2898	* 305A	.6456		
* 105A	.4406	147C	-.4885	* 206A	.4748	249C	-.2295	* 307A	.1674		
* 106A	.2698	148C	-.4215	* 207A	.0393	250C	-.1904	* 345E	-.2129		
* 107A	-.0205	149C	-.3266	* 242B	-.2457	264D	-.0160	* 344E	-.2300		
* 142B	.2029	150C	-.2016	* 241B	-.2731	263D	-.0296	* 343E	-.2520		
* 141B	.1564	151C	-.1056	* 240B	-.2840	262D	-.0296	* 342E	-.2802		
* 140B	.0989	166D	.0141	* 239B	-.4919	261D	-.1008	* 341E	-.3059		
* 139B	.1071	165D	.2001	* 238B	-.4645	256D	-.1904	* 340E	-.3340		
* 136B	.0087	164D	.1864	* 237B	-.5432	257D	-.1793	* 339E	-.3450		
* 137B	.5366	158D	.3969	* 236B	-.5466	258D	-.1491	* 338E	-.3854		
* 136B	-.2785	159D	.3254	* 235B	-.5420	259D	-.1022	* 337E	-.4135		
* 135B	-.3770	160D	-.1915	* 234B	-.5371	260D	-.0575	* 336E	-.4380		
* 134B	-.5493	161D	-.1011	* 233B	-.5322			* 335E	-.4734		
* 133B	-.6122	162D	-.0654	* 232B	-.5505			* 334E	-.4967		
* 132B	-.6396			* 231B	-.5444			* 333E	-.5016		
* 131B	-.6970			* 230B	-.5664			* 332E	-.4942		
* 130B	-.9460			* 215B	-.5897			* 331E	-.5053		
* 115B	-.9295			* 216B	-.6952			* 314E	-.5126		
* 116B	-.8404			* 217B	.5944			* 315E	-.4902		
* 117B	.4577			* 218B	-.2255			* 316E	-.5329		
* 118B	-.3365			* 219B	-.5073			* 317E	.0051		
* 119B	-.7294			* 220B	-.5329			* 318E	-.3451		
* 120B	-.7208			* 222B	-.3724			* 319E	-.3878		
* 121B	-.4897			* 223B	-.3791			* 320E	-.3621		
* 122B	-.4416			* 224B	-.4037			* 321E	-.3352		
* 123B	-.4093			* 225B	-.3992			* 322E	-.3572		
* 124B	-.3992			* 226B	-.5098			* 323E	-.3450		
* 125B	-.3970			* 227B	-.4349			* 324E	-.3560		
* 126B	-.3713			* 228B	-.4249			* 325E	-.3854		
* 127B	-.3412			* 229B	-.3691			* 326E	-.3927		



TABLE 108 .- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = .156 DEGREES AND QINF = 2.89 KN/SQM ( 60.30 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.4190	128B	-.3767	* 214A	-.4352	255C	.2518	* 313A	-.4536	327E	-.2430
* 113A	-.4190	129B	-.3677	* 213A	-.4426	254C	.3531	* 312A	-.4867	328E	-.1426
* 112A	-.4710	157C	.1231	* 212A	-.4389	253C	.3531	* 311A	-.5026	329E	-.0765
* 111A	-.3998	156C	.1779	* 211A	-.4365	252C	.3503	* 310A	-.5596	330E	-.0471
* 110A	-.4314	155C	.3312	* 210A	-.4570	251C	.3503	* 309A	-.5596		
* 109A	-.4399	154C	.3659	* 209A	-.4465	243C	.2846	* 308A	-.5511		
* 108A	-.5767	153C	.4247	* 208A	-.5254	244C	.0111	* 301A	-.6023		
* 101A	.1071	152C	-.0631	* 201A	-.1664	245C	-.1509	* 302A	.0387		
* 102A	.6969	144C	.6871	* 202A	.6456	246C	-.5018	* 303A	.7311		
* 103A	.6542	145C	.0056	* 203A	.7397	247C	-.5007	* 304A	.6884		
* 104A	.4063	146C	-.3375	* 204A	.6029	248C	-.4169	* 305A	.5516		
* 105A	-.1670	147C	-.6056	* 206A	.1841	249C	-.3065	* 307A	.0131		
* 106A	-.8211	148C	-.4851	* 207A	-.1664	250C	-.1889	* 345E	.1133		
* 107A	-.2177	149C	-.3586	* 242B	.3394	264D	.0355	* 344E	.0986		
* 142B	.4708	150C	-.2224	* 241B	.2956	263D	.2874	* 343E	.0741		
* 141B	.3065	151C	-.1096	* 240B	.1861	262D	.3202	* 342E	.0398		
* 140B	.3065	166D	-.0439	* 239B	.1696	261D	.1012	* 341E	.0104		
* 139B	.3038	165D	.2271	* 238B	.1039	256D	.5442	* 340E	-.0373		
* 138B	.2545	164D	.2271	* 237B	.0423	257D	-.1174	* 339E	-.1475		
* 137B	.3969	158D	.7152	* 236B	-.0936	258D	-.2761	* 338E	-.1291		
* 136B	.0410	159D	.2056	* 235B	-.3079	259D	-.2124	* 337E	-.1867		
* 135B	.0273	160D	-.2805	* 234B	-.5026	260D	-.1062	* 336E	-.3140		
* 154B	-.1479	161D	-.1151	* 233B	-.5393			* 335E	-.4781		
* 133B	-.4901	162D	-.0984	* 232B	-.5185			* 334E	-.5577		
* 132B	-.4463			* 231B	-.5136			* 333E	-.5381		
* 131B	-.4463			* 230B	-.5418			* 332E	-.5662		
* 130B	-.4491			* 215B	-.5528			* 331E	-.5969		
* 115B	-.4272			* 216B	-.6280			* 314E	-.6250		
* 116B	-.3972			* 217B	-.7306			* 315E	-.6023		
* 117B	-.1750			* 218B	-.6844			* 316E	-.5194		
* 118B	-.7648			* 219B	-.9272			* 317E	-.6622		
* 119B	-1.2007			* 220B	-1.0639			* 318E	-.7220		
* 120B	-1.2178			* 222B	-.6303			* 319E	-.6964		
* 121B	-.8304			* 223B	-.5890			* 320E	-.5682		
* 122B	-.6672			* 224B	-.5476			* 321E	-.4940		
* 123B	-.5912			* 225B	-.5298			* 322E	-.4426		
* 124B	-.5476			* 226B	-.5733			* 323E	-.4193		
* 125B	-.5108			* 227B	-.5119			* 324E	-.3728		
* 126B	-.4538			* 228B	-.4828			* 325E	-.3567		
* 127B	-.4068			* 229B	-.4281			* 326E	-.3214		

TABLE 109 .- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = 4.330 DEGREES AND QINF = 2.89 KN/SQM ( 60.28 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.0962	128B	-.3994	214A	-.3328	255C	.2708	313A	-.4296	327E	-.2593
113A	-.1236	129B	-.3693	213A	-.3953	254C	.4077	312A	-.4810	328E	-.1907
112A	-.4002	157C	.1393	212A	-.4345	253C	.4105	311A	-.4688	329E	-.1662
111A	-.2825	156C	.1941	211A	-.3940	252C	.4269	310A	-.5772	330E	-.1148
110A	-.3036	155C	.3475	210A	-.5687	251C	.3721	309A	-.5687		
109A	-.3976	154C	.4105	209A	-.5601	242C	.6898	308A	-.5943		
106A	-.0556	153C	.4625	208A	-.5858	243C	.0981	301A	-.6456		
101A	.5772	152C	-.0606	201A	-.1667	245C	-.1166	302A	.4832		
102A	.6798	144C	.7282	202A	.7910	246C	-.6065	303A	.7483		
103A	.3207	145C	.0019	203A	.5858	247C	-.5636	304A	.4917		
104A	-.0470	146C	-.3156	204A	.2549	248C	-.4553	305A	.3036		
105A	-.2095	147C	-.5906	206A	-.0641	249C	-.3324	307A	-.2950		
106A	-.3292	148C	-.4643	207A	-.4917	250C	-.2105	345E	.2135		
107A	-.4494	149C	-.3368	242B	.4570	264D	-.0195	344E	.2417		
142B	.4707	150C	-.2206	241B	.2900	263D	.3119	343E	.2380		
141B	.3502	151C	-.1222	240B	.2680	262D	.3502	342E	.2245		
140B	.3557	166D	-.0579	239B	.2434	261D	.0407	341E	.1682		
139B	.3557	165D	.2324	238B	.1886	256D	.7935	340E	.1106		
138B	.3091	164D	.2407	237B	.1008	257D	-.1602	339F	-.1368		
137B	.3475	158D	.7521	236B	.1180	258D	-.3480	338E	-.0180		
136B	.0681	159D	.1987	235B	.2049	259D	-.2821	337E	.0138		
135B	.0791	160D	-.3078	234B	.3850	260D	-.1647	336E	.1192		
134B	.2050	161D	-.1166	233B	.5455			335E	.3225		
133B	.4652	162D	-.1054	232B	-.3340			334E	.4230		
132B	-.2523			231B	-.6586			333E	-.4406		
131B	-.4879			230B	-1.3801			332E	-.6696		
130B	-.5481			215B	-1.2772			331E	-.9796		
115B	-.4550			216B	-1.0475			314E	-1.1988		
116B	-.3976			217B	-1.4409			315E	-.9877		
117B	-.8252			218B	-1.5863			316E	-1.0475		
118B	-1.4637			219B	-1.5264			317E	-1.1758		
119B	-1.7830			220B	-1.6547			318E	-1.1416		
120B	-1.6034			222B	-.9160			319E	-1.1673		
121B	-1.1688			223B	-.8176			320E	-.8594		
122B	-.9014			224B	-.7539			321E	-.7125		
123B	-.7740			225B	-.6734			322E	-.6207		
124B	-.6935			226B	-.6778			323E	-.5410		
125B	-.6074			227B	-.5850			324E	-.4467		
126B	-.5112			228B	-.5381			325E	-.3879		
127B	-.4475			229B	-.4732			326E	-.3267		

TABLE 110 .- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = 8.317 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1383	128B	-.4108	* 214A	-.5461	255C	.2938	* 313A	-.5877	327E	-.2745
* 113A	-.2751	129E	-.3726	* 213A	-.5693	254C	.4250	* 312A	-.5889	328E	-.2281
* 112A	-.3626	157C	.1680	* 212A	-.5816	253C	.4387	* 311A	-.5681	329E	-.2097
* 111A	-.2778	156C	.2199	* 211A	-.5583	252C	.4551	* 310A	-.5578	330E	-.1865
* 110A	-.1906	155C	.3785	* 210A	-.4724	251C	.3977	* 309A	-.6261		
* 109A	.0399	154C	.4387	* 209A	-.5493	243C	.7505	* 308A	-.6944		
* 108A	.4669	153C	.4552	* 208A	.1082	244C	.1541	* 301A	-.1650		
* 101A	.7060	152C	-.0317	* 201A	.3217	245C	-.1004	* 302A	.7230		
* 102A	.2278	144C	.7915	* 202A	.5608	246C	-.6765	* 303A	.4669		
* 103A	-.3614	145C	.0135	* 203A	.0826	247C	-.6139	* 304A	.0229		
* 104A	-.7371	146C	-.3192	* 204A	-.1565	248C	-.4856	* 305A	-.1308		
* 105A	-.7969	147C	-.6117	* 206A	-.5407	249C	-.3572	* 307A	-.7371		
* 106A	-.8140	148C	-.4722	* 207A	-.9420	250C	-.2243	* 345E	.2159		
* 107A	-.7457	149C	-.3337	* 242B	.5837	264D	-.0125	* 344E	.2575		
* 142B	.4989	150C	-.2176	* 241B	.3485	263D	.3457	* 343E	.2514		
* 141B	.3813	151C	-.1205	* 240B	.3156	262D	.3868	* 342E	.2392		
* 140B	.3977	166D	-.0536	* 239B	.2992	261D	.1215	* 341E	.1853		
* 139B	.3950	165D	.2555	* 238B	.2555	256D	.8150	* 340E	.1364		
* 138B	.3539	164D	.2774	* 237B	.1633	257D	-.1640	* 339E	-.1143		
* 137B	.3539	158D	.7715	* 236B	.1951	258D	-.3661	* 338E	.0202		
* 136B	.1379	159D	.2301	* 235B	.2807	259D	-.2980	* 337E	.0398		
* 135B	.1652	160D	-.3147	* 234B	.3982	260D	-.1852	* 336F	.1499		
* 134B	.2637	161D	-.1104	* 233B	.5670			* 335E	.2991		
* 133B	.5180	162D	-.1183	* 232B	.7761			* 334E	.4716		
* 132B	.7396			* 231B	.4495			* 333E	.7480		
* 131B	-.0426			* 230B	-1.7668			* 332E	.5621		
* 130B	-1.2706			* 215B	-3.6381			* 331E	-.6403		
* 115B	-1.0655			* 216B	-2.0948			* 314E	-3.1905		
* 116B	-.6773			* 217B	-2.6498			* 315E	-2.2314		
* 117B	-1.6593			* 218B	-2.5986			* 316E	-2.0265		
* 118B	-2.3661			* 219B	-2.2741			* 317E	-1.9923		
* 119B	-2.4364			* 220B	-2.6669			* 318E	-1.7789		
* 120B	-2.1973			* 222B	-1.1922			* 319E	-1.9411		
* 121B	-1.4981			* 223B	-1.0281			* 320E	-1.1641		
* 122B	-1.1096			* 224B	-.9321			* 321E	-.9167		
* 123B	-.9265			* 225B	-.8082			* 322E	-.7748		
* 124B	-.7948			* 226B	-.7970			* 323E	-.6647		
* 125B	-.6742			* 227B	-.6653			* 324E	-.5241		
* 126B	-.5414			* 228B	-.6005			* 325E	-.4446		
* 127B	-.4643			* 229B	-.5280			* 326E	-.3577		

TABLE III .- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = 12.377 DEGREES AND QINF = 2.89 KN/SQM ( 60.31 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0684	128B	-.4201	* 214A	-.2955	255C	.3176	* 313A	-.3849	327E	-.3396
* 113A	-.1341	129B	-.3743	* 213A	-.3861	254C	.4572	* 312A	-.4069	328E	-.3114
* 112A	-.3476	157C	.1862	* 212A	-.4033	253C	.4764	* 311A	-.3726	329E	-.2943
* 111A	-.1423	156C	.2410	* 211A	-.3628	252C	.5065	* 310A	-.2005	330E	-.2551
* 110A	.0902	155C	.3943	* 210A	-.0551	251C	.4600	* 309A	-.0808		
* 109A	.4406	154C	.4518	* 209A	.1927	243C	.7666	* 308A	.2440		
* 108A	.6970	153C	.5038	* 208A	.6629	244C	.1756	* 301A	.6116		
* 101A	.4064	152C	.0083	* 201A	.3466	245C	-.1027	* 302A	.4492		
* 102A	-.6791	144C	.8104	* 202A	-.4740	246C	-.7073	* 303A	-.4483		
* 103A	-1.3287	145C	.0571	* 203A	-.9868	247C	-.6358	* 304A	-.6962		
* 104A	-1.6364	146C	-.3016	* 204A	-1.0296	248C	-.4950	* 305A	-.7219		
* 105A	-1.4655	147C	-.6224	* 206A	-1.1065	249C	-.3642	* 307A	-1.2604		
* 106A	-1.3971	148C	-.4726	* 207A	-1.4911	250C	-.2402	* 345E	.1746		
* 107A	-1.2433	149C	-.3307	* 242B	.6516	264D	-.0109	* 344E	.2236		
* 142B	.5366	150C	-.2200	* 241B	.4134	263D	.3587	* 343E	.2285		
* 141B	.4162	151C	-.1262	* 240B	.3559	262D	.4079	* 342E	.2273		
* 140B	.4299	166D	-.0465	* 239B	.3532	261D	.1698	* 341E	.1857		
* 139B	.4244	165D	.2683	* 238B	.3231	256D	.8036	* 340E	.1465		
* 138B	.3888	164D	.2984	* 237B	.2518	257D	-.1552	* 339E	-.0886		
* 137B	.3559	158D	.7690	* 236B	.2995	258D	-.3787	* 338E	.0681		
* 136B	.2108	159D	.2627	* 235B	.3840	259D	-.3061	* 337E	.1195		
* 135B	.2574	160D	-.3128	* 234B	.5028	260D	-.1854	* 336E	.2420		
* 134B	.3587	161D	-.0781	* 233B	.6509			* 335E	.3914		
* 133B	.5640	162D	-.1094	* 232B	.7770			* 334E	.5419		
* 132B	.7474			* 231B	.5101			* 333E	.7452		
* 131B	.5092			* 230B	-1.4868			* 332E	.6215		
* 130B	-.6926			* 215B	-3.2572			* 331E	-.2649		
* 115B	-1.2812			* 216B	-2.9357			* 314E	-3.4541		
* 116B	-.9355			* 217B	-3.6075			* 315E	-2.9699		
* 117B	-2.4057			* 218B	-3.5767			* 316E	-2.9699		
* 118B	-2.2177			* 219B	-2.9784			* 317E	-2.8673		
* 119B	-3.2263			* 220B	-3.3631			* 318E	-2.4057		
* 120B	-2.7647			* 222B	-1.4381			* 319E	-2.5168		
* 121B	-1.8259			* 223B	-1.2113			* 320E	-1.4740		
* 122B	-1.3074			* 224B	-1.0705			* 321E	-1.1109		
* 123B	-1.0593			* 225B	-.9196			* 322E	-.9236		
* 124B	-.6694			* 226B	-.8738			* 323E	-.7644		
* 125B	-.7296			* 227B	-.7196			* 324E	-.5783		
* 126B	-.5698			* 228B	-.6425			* 325E	-.4828		
* 127B	-.4782			* 229B	-.5564			* 326E	-.4033		

TABLE 112.- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = 14.434 DEGREES AND QINF = 2.89 KN/SQM ( 60.32 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.0192	* 126B	-.5161	* 214A	-.1449	255C	.3203	* 313A	-.2795	327E	-.5219
* 113A	-.0383	129B	-.5272	* 213A	-.3211	254C	.4571	* 312A	-.2893	328E	-.4692
* 112A	-.2737	157C	.0767	* 212A	-.3309	253C	.4735	* 311A	-.2648	329E	-.4117
* 111A	-.0465	156C	.1506	* 211A	-.2979	252C	.5091	* 310A	-.0124	330E	-.3603
* 11CA	.1841	155C	.3394	* 210A	.1243	251C	.4598	* 309A	.1585		
* 109A	.5003	154C	.4243	* 209A	.3721	248C	.7554	* 308A	.4832		
* 108A	.6712	153C	.4845	* 208A	.7481	244C	.1878	* 301A	.6969		
* 101A	.2354	152C	-.0054	* 201A	.4576	245C	-.0971	* 302A	.0389		
* 102A	-.9353	144C	.8074	* 202A	-.8926	246C	-.7093	* 303A	-.9695		
* 103A	-1.7557	145C	-.0189	* 203A	-1.4322	247C	-.6356	* 304A	-1.1746		
* 104A	-1.7813	146C	-.4535	* 204A	-1.4138	248C	-.4904	* 305A	-1.1148		
* 105A	-1.5184	147C	-.8132	* 206A	-1.3797	249C	-.3619	* 307A	-1.5335		
* 106A	-1.4138	142C	-.6635	* 207A	-1.7129	250C	-.2423	* 345E	.1477		
* 107A	-1.1831	149C	-.5038	* 242B	.6651	254C	-.0082	* 344E	.2027		
* 142B	.5295	150C	-.4233	* 241B	.4270	263D	.3695	* 343E	.2113		
* 141B	.3996	151C	-.3284	* 240B	.3668	262D	.4161	* 342E	.2076		
* 140B	.4106	166D	-.2025	* 239B	.3536	261D	.1807	* 341E	.1685		
* 139B	.4051	165D	.1916	* 238B	.3394	256D	.8079	* 340E	.1244		
* 138B	.3723	164D	.2245	* 237B	.2897	257D	-.1429	* 339E	-.0861		
* 137B	.3750	168D	.7341	* 236B	.3411	258D	-.3742	* 338E	.0840		
* 136B	.2245	169D	.1420	* 235B	.4231	259D	-.3049	* 337E	.1526		
* 135B	.2765	160D	-.5418	* 234B	.5406	260D	-.1898	* 336E	.2762		
* 134B	.3969	161D	-.1440	* 233B	.6703			* 335E	.4267		
* 133B	.5830	162D	-.2946	* 232B	.7695			* 334E	.5761		
* 132B	.7472			* 231B	.5039			* 333E	.7425		
* 131B	.5556			* 230B	-1.4032			* 332E	.6189		
* 130B	-.5583			* 215B	-3.7386			* 331E	-.2061		
* 115B	-1.0728			* 216B	-3.2767			* 314E	-3.4865		
* 116B	-.8242			* 217B	-4.3193			* 315E	-3.2511		
* 117B	-2.2598			* 218B	-3.9518			* 316E	-3.3707		
* 118B	-3.0033			* 219B	-3.2340			* 317E	-3.1827		
* 119B	-2.9862			* 220B	-3.5929			* 318E	-2.6700		
* 120B	-2.5418			* 222B	-1.5093			* 319E	-2.7298		
* 121B	-1.6109			* 223B	-1.2758			* 320E	-1.5347		
* 122B	-1.1529			* 224B	-1.1182			* 321E	-1.1486		
* 123B	-.9629			* 225B	-.9462			* 322E	-.9246		
* 124B	-.8110			* 226B	-.8859			* 323E	-.7912		
* 125B	-.6646			* 227B	-.7261			* 324E	-.6296		
* 126B	-.5652			* 228B	-.6434			* 325E	-.6014		
* 127B	-.5317			* 229B	-.5596			* 326E	-.5341		

TABLE 113 .- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = 16.396 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.1481	128B	-.5499	* 214A	.0599	255C	.3396	* 313A	-.1529	327E	-.7694
* 113A	.0333	129B	-.5633	* 213A	-.2263	254C	.4791	* 312A	-.1884	328E	-.6666
* 112A	-.1445	157C	.0852	* 212A	-.2667	253C	.4927	* 311A	-.1737	329E	-.5737
* 111A	.0387	156C	.1700	* 211A	-.1859	252C	.5201	* 310A	.0990	330E	-.5027
* 110A	.3210	155C	.3615	* 210A	.2793	251C	.4818	* 309A	.3381		
* 109A	.5943	154C	.4380	* 209A	.5687	243C	.7662	* 308A	.6797		
* 108A	.6455	153C	.4982	* 208A	.7565	244C	.2037	* 301A	.7651		
* 101A	-.0291	152C	-.0542	* 201A	.5174	245C	-.0877	* 302A	-.3194		
* 102A	-1.3782	144C	.8018	* 202A	-1.5832	246C	-.7129	* 303A	-1.3953		
* 103A	-1.9503	145C	-.0330	* 203A	-2.0613	247C	-.6325	* 304A	-1.5063		
* 104A	-2.0870	146C	-.4784	* 204A	-1.7966	248C	-.4907	* 305A	-1.3014		
* 105A	-1.7710	147C	-.8614	* 206A	-1.6429	249C	-.3802	* 307A	-1.6600		
* 106A	-1.6002	148C	-.6883	* 207A	-1.9760	250C	-.2775	* 345E	.0942		
* 107A	-1.2758	149C	-.5610	* 242B	.6814	264D	-.0460	* 344E	.1785		
* 142B	.5338	150C	-.4606	* 241B	.4544	263D	.3669	* 343E	.1871		
* 141B	.4025	151C	-.3668	* 240B	.3779	262D	.4298	* 342E	.1944		
* 140B	.4216	166D	-.2320	* 239B	.3806	261D	.2138	* 341E	.1651		
* 139B	.4216	165D	.1919	* 238B	.3669	256D	.7876	* 340E	.1345		
* 138B	.3970	164D	.2357	* 237B	.3229	257D	-.1770	* 339E	-.0869		
* 137B	.3915	158D	.7206	* 236B	.3730	258D	-.4181	* 338E	.1027		
* 136B	.2521	159D	.1267	* 235B	.4648	259D	-.3456	* 337E	.1773		
* 135B	.3122	160D	-.6135	* 234B	.5834	260D	-.2339	* 336E	.3021		
* 134B	.4134	161D	-.1846	* 233B	.7057			* 335E	.4464		
* 133B	.5885	162D	-.3422	* 232B	.7779			* 334E	.5981		
* 132B	.7279			* 231B	.5100			* 333E	.7436		
* 131B	.5802			* 230B	-1.3210			* 332E	.5201		
* 130B	-.3469			* 215B	-3.6339			* 331E	-.1468		
* 115B	-.9650			* 216B	-3.5642			* 314E	-3.4321		
* 116B	-.8488			* 217B	-4.6743			* 315E	-3.3849		
* 117B	-2.4627			* 218B	-4.2473			* 316E	-3.5557		
* 118B	-3.1543			* 219B	-3.4788			* 317E	-3.3849		
* 119B	-3.1031			* 220B	-3.8033			* 318E	-2.7701		
* 120B	-2.5737			* 222B	-1.5513			* 319E	-2.7118		
* 121B	-1.6573			* 223B	-1.2956			* 320E	-1.4978		
* 122B	-1.1728			* 224B	-1.1248			* 321E	-1.0935		
* 123B	-.9741			* 225B	-.9283			* 322E	-.9174		
* 124B	-.8256			* 226B	-.8480			* 323E	-.9357		
* 125B	-.6716			* 227B	-.6928			* 324E	-.8782		
* 126B	-.5655			* 228B	-.6090			* 325E	-.8905		
* 127B	-.5354			* 229B	-.5432			* 326E	-.8195		

TABLE 114 .- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = 20.491 DEGREES AND QINF = 2.89 KN/SQM ( 60.43 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.3722	128B	-.6540	214A	.3752	255C	.2574	313A	.0771	327E	-.8569
113A	.2219	129B	-.6920	213A	-.0512	254C	.4350	312A	-.0451	328E	-.7624
112A	.0334	157C	.0416	212A	-.0867	253C	.4596	311A	.0734	329E	-.7049
111A	.1864	156C	.1317	211A	.0026	252C	.5033	310A	.3806	330E	-.6194
110A	.5000	155C	.3394	210A	.4915	251C	.4678	309A	.5682		
109A	.6877	154C	.4295	209A	.7559	243C	.7519	308A	.7644		
108A	.4403	153C	.4642	208A	.5938	244C	.1568	301A	.6365		
101A	-.7711	152C	.0386	201A	.0649	245C	-.1533	302A	-1.1720		
102A	-2.4516	144C	.7820	202A	-2.6990	246C	-.8637	303A	-2.2127		
103A	-2.9293	145C	-.0495	203A	-2.8440	247C	-.8024	304A	-1.7350		
104A	-2.8184	146C	-.5291	204A	-2.4089	248C	-.6596	305A	-1.5047		
105A	-2.3322	147C	-.9775	206A	-1.7350	249C	-.5760	307A	-1.5815		
106A	-1.8113	148C	-.7789	207A	-2.0592	250C	-.5057	345E	.0783		
107A	-1.5218	149C	-.6407	242B	.6891	264D	-.2535	344E	.1565		
142B	.5443	150C	-.5470	241B	.4350	263D	.3121	343E	.1736		
141B	.4050	151C	-.4589	240B	.3585	262D	.3694	342E	.1761		
140B	.4241	166D	-.3163	239B	.3667	261D	.1509	341E	.1394		
139B	.4295	165D	.1700	238B	.3612	256D	.7657	340E	.1089		
138B	.4131	164D	.2192	237B	.3325	257D	-.3665	339E	-.1050		
137B	.4186	158D	.6955	236B	.4033	258D	-.6618	338E	.1064		
136B	.3203	159D	.0899	235B	.4962	259D	-.5581	337E	.1944		
135B	.3886	160D	-.7176	234B	.6147	260D	-.4678	336E	.3276		
134B	.5033	161D	-.1745	233B	.7259			335E	.4730		
133B	.6481	162D	-.4466	232B	.7711			334E	.6123		
132B	.7383			231B	.5341			333E	.7272		
131B	.6181			230B	-1.0263			332E	.6172		
130B	-.0732			215B	-3.1732			331E	-.0048		
115B	-.7508			216B	-3.5435			314E	-2.5916		
116B	-.6734			217B	-4.6098			315E	-2.9378		
117B	-2.7246			218B	-3.9274			316E	-2.9720		
118B	-3.4667			219B	-3.1682			317E	-2.4772		
119B	-3.2705			220B	-2.9549			318E	-1.7435		
120B	-2.6478			222B	-1.1894			319E	-1.4706		
121B	-1.6589			223B	-1.0187			320E	-1.0270		
122B	-1.1682			224B	-.9496			321E	-1.0495		
123B	-.9474			225B	-.8659			322E	-1.0581		
124B	-.8325			226B	-.8057			323E	-1.0116		
125B	-.6696			227B	-.7377			324E	-.9677		
126B	-.6340			228B	-.7276			325E	-.9298		
127B	-.6295			229B	-.6775			326E	-.9200		

TABLE 115 .- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = 24.490 DEGREES AND QINF = 2.90 KN/SQM ( 60.59 LB/SQFT )

*****															
* TAP ID	WING STATION A				* TAP ID	WING STATION B				* TAP ID	WING STATION C				* TAP ID
	CP	TAP ID	CP		TAP ID	CP	TAP ID	CP		TAP ID	CP	TAP ID	CP		
* 114A	.6508	128B	-.6429	* 214A	.5684	255C	.2202	* 313A	.2382	327E	-.7624	*		*	
* 113A	.5118	129B	-.6596	* 213A	.1577	254C	.4164	* 312A	.1029	328E	-.7343	*		*	
* 112A	.0949	157C	.0404	* 212A	.0688	253C	.4573	* 311A	.1492	329E	-.7039	*		*	
* 111A	.2829	156C	.1330	* 211A	.1468	252C	.5063	* 310A	.5173	330E	-.6637	*		*	
* 110A	.6534	155C	.3292	* 210A	.6109	251C	.4709	* 309A	.6875			*		*	
* 109A	.6449	154C	.4191	* 209A	.7640	243C	.7407	* 308A	.7215			*		*	
* 106A	.0324	153C	.4818	* 208A	.1770	244C	.1324	* 301A	.2876			*		*	
* 101A	-1.7458	152C	.0485	* 201A	-.7333	245C	-.1946	* 302A	-2.2903			*		*	
* 102A	-3.7792	144C	.7924	* 202A	-3.8132	246C	-.9343	* 303A	-3.1326			*		*	
* 103A	-3.9834	145C	-.0244	* 203A	-3.3793	247C	-.8965	* 304A	-2.6306			*		*	
* 104A	-3.7451	146C	-.5539	* 204A	-3.0645	248C	-.7786	* 305A	-2.0776			*		*	
* 105A	-2.5711	147C	-1.0033	* 206A	-1.8394	249C	-.7107	* 307A	-1.9755			*		*	
* 106A	-2.2563	148C	-.7853	* 207A	-2.0010	250C	-.6406	* 345E	.0797			*		*	
* 107A	-1.7968	149C	-.6384	* 242B	.6780	264D	-.3656	* 344E	.1638			*		*	
* 142B	.4355	150C	-.5505	* 241B	.4573	263D	.2829	* 343E	.1772			*		*	
* 141B	.4137	151C	-.4671	* 240B	.3619	262D	.3319	* 342E	.1909			*		*	
* 140B	.4246	166D	-.3139	* 239B	.3728	261D	.1112	* 341E	.1480			*		*	
* 139B	.4191	165D	.1657	* 238B	.3783	256D	.7487	* 340E	.1224			*		*	
* 138B	.4110	164D	.2066	* 237B	.3588	257D	-.4682	* 339E	-.0958			*		*	
* 137B	.4110	158D	.6897	* 236B	.4392	258D	-.8620	* 338E	.1334			*		*	
* 136B	.3565	159D	.0612	* 235B	.5367	259D	-.7441	* 337E	.2296			*		*	
* 135B	.4464	160D	-.7230	* 234B	.6525	260D	-.6295	* 336E	.3759			*		*	
* 134B	.5554	161D	-.1479	* 233B	.7427			* 335E	.5209			*		*	
* 133B	.6944	162D	-.4593	* 232B	.7658			* 334E	.6440			*		*	
* 132B	.7461			* 231B	.5514			* 333E	.7305			*		*	
* 131B	.6426			* 230B	-.2099			* 332E	.6038			*		*	
* 130B	.0622			* 215B	-2.9584			* 331E	-.0178			*		*	
* 115B	-.5019			* 216B	-3.3197			* 314E	-2.9145			*		*	
* 116B	-.9205			* 217B	-4.1876			* 315E	-3.2347			*		*	
* 117B	-3.1326			* 218B	-3.6430			* 316E	-3.5835			*		*	
* 118B	-3.8132			* 219B	-2.6902			* 317E	-3.1581			*		*	
* 119B	-3.6430			* 220B	-2.1116			* 318E	-2.1116			*		*	
* 120B	-2.8263			* 222B	-1.0077			* 319E	-1.7968			*		*	
* 121B	-1.7063			* 223B	-.9243			* 320E	-1.1247			*		*	
* 122B	-1.2260			* 224B	-.8909			* 321E	-.9951			*		*	
* 123B	-.9743			* 225B	-.8564			* 322E	-.9293			*		*	
* 124B	-.8164			* 226B	-.8464			* 323E	-.8794			*		*	
* 125B	-.6896			* 227B	-.7953			* 324E	-.8087			*		*	
* 126B	-.6562			* 228B	-.7719			* 325E	-.8062			*		*	
* 127B	-.6318			* 229B	-.7285			* 326E	-.7770			*		*	
*****															



TABLE 116 .- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = 28.602 DEGREES AND QINF = 2.90 KN/SQM ( 60.58 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.6550	128B	-.7879	* 214A	.6135	255C	.2243	* 313A	.4355	327E	-.7590
* 113A	.7340	129B	-.7912	* 213A	.3734	254C	.4178	* 312A	.2868	328E	-.7363
* 112A	.1399	157C	-.031E	* 212A	.2222	253C	.4642	* 311A	.3088	329E	-.7236
* 111A	.3661	156C	.0717	* 211A	.2953	252C	.5105	* 310A	.6182	330E	-.6785
* 110A	.7203	155C	.3116	* 210A	.6947	251C	.4887	* 309A	.7373		
* 109A	.5246	154C	.4151	* 209A	.6947	243C	.7258	* 308A	.5246		
* 108A	-.4625	153C	.4833	* 208A	-.4115	244C	.1411	* 301A	-.3264		
* 101A	-2.7175	152C	.0690	* 201A	-1.8325	245C	-.1960	* 302A	-3.7131		
* 102A	-4.9810	144C	.7776	* 202A	-4.8449	246C	-.9314	* 303A	-4.1471		
* 103A	-4.7938	145C	-.0803	* 203A	-4.1641	247C	-.9269	* 304A	-3.4578		
* 104A	-4.4024	146C	-.6577	* 204A	-3.3302	248C	-.7934	* 305A	-2.0708		
* 105A	-2.8196	147C	-1.1617	* 206A	-2.0878	249C	-.7289	* 307A	-2.0368		
* 106A	-2.4112	148C	-.9503	* 207A	-2.1304	250C	-.6633	* 345F	.0662		
* 107A	-1.8666	149C	-.8146	* 242B	.6686	264D	-.3998	* 344E	.1661		
* 142B	.5759	150C	-.7723	* 241B	.5405	263D	.2734	* 343E	.1808		
* 141B	.417E	151C	-.7200	* 240B	.3906	262D	.3225	* 342E	.1881		
* 140B	.4233	166D	-.508E	* 239B	.4042	261D	.1126	* 341E	.1649		
* 139B	.4206	165D	.0962	* 238B	.4015	256D	.7263	* 340E	.1479		
* 138B	.4178	164D	.1535	* 237B	.3977	257D	-.4730	* 339E	-.0606		
* 137B	.4260	158D	.6362	* 236B	.4782	258D	-.89E0	* 328E	.1844		
* 136B	.3988	159D	-.0325	* 235B	.5733	259D	-.7912	* 337E	.2819		
* 135B	.4942	160D	-.9681	* 234B	.6793	260D	-.6699	* 336E	.4294		
* 134B	.6141	161D	-.2082	* 233B	.7573			* 335E	.5647		
* 133B	.7313	162D	-.717E	* 232B	.7537			* 334E	.6695		
* 132B	.7612			* 231B	.5550			* 333E	.7244		
* 131B	.6659			* 230B	-.6359			* 332E	.5989		
* 130B	.1508			* 215B	-2.7141			* 331E	.0613		
* 115B	-.3971			* 216B	-3.2791			* 314E	-2.6227		
* 116B	-.9816			* 217B	-4.1216			* 315E	-3.2026		
* 117B	-3.2621			* 218B	-3.5344			* 316E	-3.4919		
* 118B	-3.9003			* 219B	-2.1985			* 317E	-3.0324		
* 119B	-3.5514			* 220B	-1.7475			* 318E	-1.9857		
* 120B	-2.6239			* 222B	-.8947			* 319E	-1.4241		
* 121B	-1.4977			* 223B	-.9047			* 320E	-1.0242		
* 122B	-.9114			* 224B	-.8446			* 321E	-1.0223		
* 123B	-.8057			* 225B	-.7957			* 322E	-.9479		
* 124B	-.7767			* 226B	-.8101			* 323E	-.8970		
* 125B	-.7411			* 227B	-.7890			* 324E	-.8041		
* 126B	-.7701			* 228B	-.7567			* 325E	-.7821		
* 127B	-.7701			* 229B	-.7423			* 326E	-.7773		

TABLE 117.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 60

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.917	-.13939	.17807	.07418	.02160	-.14875	-.06231	.01733	.00702	-.13054	-.03368
.156	-.08624	.54816	.09651	.03124	-.11756	.40625	.13639	.04570	-.12607	.16869
4.330	-.02779	.87013	.09799	.03295	-.08928	.89849	.15403	.05309	-.10683	.59701
8.317	.03683	1.13496	.10270	.03550	-.04525	1.32124	.16454	.05946	-.07797	.92844
12.377	.14034	1.37002	.10542	.03547	.09684	1.62560	.17475	.06189	.03616	1.16525
14.434	.16822	1.30560	.12681	.04345	.15845	1.72623	.17430	.06288	.10768	1.29030
16.396	.21211	1.34772	.13405	.04747	.22809	1.79664	.17896	.06790	.15740	1.43072
20.491	.30886	1.43139	.14578	.05214	.31966	1.64149	.20332	.08462	.22819	1.30680
24.490	.41665	1.50751	.14622	.05242	.40037	1.52657	.22119	.09850	.34041	1.33108
28.602	.48830	1.49905	.17146	.06412	.46957	1.46455	.22505	.10124	.42342	1.32430

TABLE 118 .- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 60

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.917	-.01121	-.05311	.00131	.00262	-.00369	.00648	-.00596	-.00195	-.01227	-.00981
.156	.00510	-.04759	.00511	.00287	.00145	-.05190	.00941	.00147	-.01106	-.04818
4.330	.02404	-.05906	.00534	.00290	.00441	-.08234	.01475	.00249	-.00477	-.07814
8.317	.04805	-.10447	.00567	.00310	.03149	-.15807	.01639	.00260	.01124	-.14350
12.377	.05574	-.13685	.00614	.00317	.04478	-.20768	.01716	.00254	.04127	-.18790
14.434	.04845	-.11956	.00827	.00241	.04840	-.22591	.01717	.00267	.04719	-.19787
16.396	.04355	-.12340	.00847	.00231	.04745	-.24225	.01820	.00245	.04954	-.19142
20.491	.02411	-.12457	.00963	.00195	.02903	-.22052	.02297	.00190	.03901	-.12763
24.490	-.00352	-.13598	.00974	.00176	.00102	-.19287	.02610	.00179	.03092	-.16485
28.602	-.03677	-.13013	.01250	.00112	-.03423	-.18229	.02672	.00183	.00418	-.15469

TABLE 119.- PITCHING-MOMENT COEFFICIENT FOR RUN 50

ALPHA	COMPONENT-STATION									
	A-A	P-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.917	.00858	-.13751	-.00524	-.00088	.01044	.00090	-.00203	-.00032	.00977	-.00760
.156	.00465	-.26445	-.00663	-.00111	.00760	-.20273	-.01353	-.00244	.00885	-.09506
4.330	.00027	-.33968	-.00678	-.00115	.00485	-.33635	-.01517	-.00285	.00667	-.22736
8.317	-.00361	-.39729	-.00711	-.00128	.00187	-.43100	-.01622	-.00319	.00406	-.28557
12.377	-.00964	-.45036	-.00732	-.00129	-.00733	-.50767	-.01714	-.00329	-.00382	-.34123
14.434	-.01102	-.43782	-.00887	-.00166	-.01159	-.53004	-.01710	-.00337	-.00865	-.39138
16.396	-.01366	-.45058	-.00952	-.00183	-.01628	-.53987	-.01771	-.00362	-.01184	-.47327
20.491	-.01889	-.48063	-.01028	-.00209	-.02177	-.50860	-.02036	-.00454	-.01582	-.48309
24.490	-.02504	-.49209	-.01027	-.00213	-.02658	-.49759	-.02236	-.00531	-.02311	-.45958
28.602	-.02639	-.51109	-.01232	-.00274	-.03046	-.48875	-.02280	-.00547	-.02703	-.46634

TABLE 120.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 60 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.89 (60.34)	-5.96	-.1186	.1392	-.2226	-.0011	.0028	-.0092
.204	2.89 (60.31)	-3.92	.0193	.1136	-.1588	.0005	.0027	-.0081
.204	2.89 (60.27)	-1.89	.2200	.0892	-.1445	.0015	.0032	-.0133
.204	2.88 (60.25)	.16	.4796	.0759	-.1473	.0035	.0026	-.0045
.203	2.88 (60.20)	2.28	.7333	.0730	-.1512	.0025	.0025	-.0049
.204	2.88 (60.23)	4.33	.9680	.0821	-.1323	.0026	.0029	-.0029
.204	2.88 (60.23)	6.40	1.1864	.0936	-.1208	.0021	.0028	-.0046
.204	2.89 (60.32)	8.32	1.3881	.1143	-.0991	.0014	.0026	.0004
.204	2.89 (60.34)	10.42	1.5819	.1393	-.0812	.0012	.0025	-.0012
.204	2.89 (60.26)	12.38	1.7825	.1670	-.0467	-.0004	.0022	.0028
.204	2.89 (60.35)	13.39	1.8076	.1923	-.0606	-.0018	.0021	.0085
.204	2.89 (60.27)	14.43	1.8858	.2148	-.0402	-.0055	.0014	.0094
.204	2.89 (60.33)	15.52	1.9492	.2380	-.0392	-.0071	.0017	.0067
.204	2.89 (60.32)	16.40	1.9652	.2696	-.0391	-.0042	.0030	.0040
.204	2.89 (60.27)	17.06	1.9954	.2835	-.0435	-.0053	.0022	.0040
.204	2.89 (60.39)	17.42	1.9903	.2971	-.0408	-.0041	.0021	.0027
.204	2.89 (60.31)	18.49	2.0368	.3257	-.0139	-.0102	-.0009	.0060
.204	2.89 (60.38)	20.49	2.0723	.3962	.0301	-.0148	-.0033	.0095
.204	2.89 (60.37)	22.49	2.1103	.4641	.0793	-.0151	-.0042	.0119
.204	2.90 (60.54)	24.49	2.1221	.5394	.1368	-.0154	-.0040	.0088
.204	2.89 (60.46)	26.53	2.0897	.6097	.1716	-.0074	-.0007	.0034
.204	2.90 (60.53)	28.60	2.0882	.6859	.2023	-.0081	-.0006	.0025

TABLE 121 .- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = -3.883 DEGREES AND QINF = 2.89 KN/SQM ( 60.40 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.7724	128B	-.3369	214A	-.5103	255C	-.1082	313A	-.4932	327E	-.3795
113A	-.6713	129B	-.3570	213A	-.5079	254C	-.1574	312A	-.4908	328E	-.3502
112A	-.7751	157C	.0831	212A	-.5164	253C	-.2394	311A	-.4871	329E	-.3037
111A	-.6385	156C	.1351	211A	-.5213	252C	-.2831	310A	-.4807	330E	.0740
110A	-.7026	155C	.1925	210A	-.5745	251C	-.3624	309A	-.4807		
109A	-.7111	154C	.1925	209A	-.5660	243C	-.4608	308A	-.4636		
108A	-.6855	153C	.1706	208A	-.5575	244C	-.4049	301A	-.4807		
101A	-.7452	152C	-.0809	201A	-.2076	245C	-.3659	302A	-.2161		
102A	.1423	144C	.0831	202A	.3557	246C	-.3581	303A	.6544		
103A	.7056	145C	-.1305	203A	.7397	247C	-.3402	304A	.7482		
104A	.7824	146C	-.3369	204A	.7056	248C	-.2922	305A	.6714		
105A	.6458	147C	-.4864	206A	.4069	249C	-.2309	307A	.1765		
106A	.4751	148C	-.4194	207A	.0058	250C	-.1974	345E	-.2255		
107A	.0996	149C	-.3235	242B	-.2859	264D	-.0262	344E	-.2438		
142B	.1569	150C	-.2086	241B	-.2831	263D	-.0262	343E	-.2573		
141B	.1378	151C	-.1115	240B	-.2886	262D	-.0426	342E	-.2866		
140B	.0558	166D	.0312	239B	-.5045	261D	-.0781	341E	-.3111		
139B	-.0207	165D	.1979	238B	-.4717	256D	-.1874	340E	-.3343		
138B	-.0617	164D	.1815	237B	-.5360	257D	-.1885	339E	-.3563		
137B	-.3756	158D	.2958	236B	-.5494	258D	-.1472	338E	-.3832		
136B	-.3214	159D	.2679	235B	-.5397	259D	-.1048	337E	-.4027		
135B	-.4963	160D	-.1796	234B	-.5250	260D	-.0669	336E	-.4309		
134B	-.6002	161D	-.1059	233B	-.5445			335E	-.4688		
133B	-.6467	162D	-.0579	232B	-.5543			334E	-.4920		
132B	-.6767			231B	-.5507			333E	-.4969		
131B	-.6713			230B	-.5494			332E	-.4969		
130B	-.7806			215B	-.5873			331E	-.5054		
115B	-.9446			216B	-.7452			314E	-.4993		
116B	-.8220			217B	.5776			315E	-.4807		
117B	.3301			218B	-.2588			316E	-.5319		
118B	-.4465			219B	-.4977			317E	.0058		
119B	-.7794			220B	-.5404			318E	-.3356		
120B	-.8220			222B	-.3793			319E	-.4124		
121B	-.4987			223B	-.3916			320E	-.3612		
122B	-.4697			224B	-.3938			321E	-.3404		
123B	-.4351			225B	-.3960			322E	-.3624		
124B	-.4217			226B	-.5143			323E	-.3563		
125B	-.4172			227B	-.4362			324E	-.3710		
126B	-.3860			228B	-.4284			325E	-.3979		
127B	-.3525			229B	-.3692			326E	-.4089		

TABLE 122 .- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = .215 DEGREES AND QINF = 2.89 KN/SQM ( 60.29 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.4933	128B	-.3636	* 214A	-.4577	255C	.2598	* 313A	-.4687	327E	-.2348
* 113A	-.4796	129B	-.3535	* 213A	-.4454	254C	.3556	* 312A	-.4920	328E	-.1319
* 112A	-.5015	157C	.1201	* 212A	-.4503	253C	.3501	* 311A	-.5091	329E	-.0694
* 111A	-.4823	156C	.1776	* 211A	-.4405	252C	.3474	* 310A	-.5258	330E	.0996
* 110A	-.4916	155C	.3173	* 210A	-.4916	251C	.3392	* 309A	-.5258		
* 109A	-.4916	154C	.3721	* 209A	-.4831	243C	.2625	* 308A	-.5173		
* 108A	-.4831	153C	.4241	* 208A	-.5600	244C	-.0059	* 301A	-.5429		
* 101A	-.2950	152C	-.0962	* 201A	-.3035	245C	-.1490	* 302A	.0556		
* 102A	.4660	144C	.6897	* 202A	.6284	246C	-.5056	* 303A	.7481		
* 103A	.7310	145C	.0265	* 203A	.7310	247C	-.4966	* 304A	.6883		
* 104A	.6113	146C	-.3256	* 204A	.5942	248C	-.4217	* 305A	.5429		
* 105A	.4061	147C	-.5883	* 206A	.2437	249C	-.3066	* 307A	.0043		
* 106A	.2009	148C	-.4631	* 207A	-.1240	250C	-.1926	* 345E	.0837		
* 107A	-.1411	149C	-.3345	* 242B	.3118	264D	.0434	* 344E	.0849		
* 142B	.4734	150C	-.2082	* 241B	.2872	263D	.2954	* 343E	.0628		
* 141B	.3063	151C	-.1031	* 240B	.1612	262D	.3365	* 342E	.0322		
* 140B	.2954	166D	-.0442	* 239B	.1722	261D	.1502	* 341E	-.0155		
* 139B	.2954	165D	.2269	* 238B	.0681	256D	.5452	* 340E	-.0560		
* 138B	.2543	164D	.2214	* 237B	-.0070	257D	-.1121	* 339E	-.1025		
* 137B	.2570	158D	.7308	* 236B	-.1245	258D	-.2764	* 338E	-.1613		
* 136B	.0626	159D	.2657	* 235B	-.3144	259D	-.2082	* 337E	-.2237		
* 135B	.0517	160D	-.2764	* 234B	-.4858	260D	-.1054	* 336E	-.3511		
* 134B	-.3399	161D	-.1110	* 233B	-.5226			* 335E	-.5042		
* 133B	-.6165	162D	-.0864	* 232B	-.5103			* 334E	-.5605		
* 132B	-.5426			* 231B	-.5091			* 333E	-.5385		
* 131B	-.5289			* 230B	-.5373			* 332E	-.5618		
* 130B	-.5152			* 215B	-.5581			* 331E	-.5985		
* 115B	-.5042			* 216B	-.6028			* 314E	-.6279		
* 116B	-.5429			* 217B	-.6712			* 315E	-.6028		
* 117B	-.5258			* 218B	-.8336			* 316E	-.6199		
* 118B	-.9020			* 219B	-.8935			* 317E	-.6712		
* 119B	-1.2953			* 220B	-.9961			* 318E	-.6968		
* 120B	-1.2611			* 222B	-.6274			* 319E	-.7310		
* 121B	-.8476			* 223B	-.5861			* 320E	-.5857		
* 122B	-.6911			* 224B	-.5603			* 321E	-.4932		
* 123B	-.6051			* 225B	-.5369			* 322E	-.4479		
* 124B	-.5592			* 226B	-.5738			* 323E	-.4185		
* 125B	-.5056			* 227B	-.5089			* 324E	-.3693		
* 126B	-.4407			* 228B	-.4821			* 325E	-.3585		
* 127B	-.3983			* 229B	-.4217			* 326E	-.3132		

TABLE 123 .- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = 4.195 DEGREES AND QINF = 2.89 KN/SQM ( 60.28 LB/SQFT )

WING STATION A			WING STATION B			WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.0661	128B	-.3950	214A	-.3720	255C	.2543	313A	-.4430
113A	-.0223	129B	-.3625	213A	-.4210	254C	.3858	312A	-.4884
112A	-.4194	157C	.1393	212A	-.4357	253C	.3885	311A	-.4737
111A	-.3099	156C	.1913	211A	-.4100	252C	.4077	310A	-.5858
110A	-.5943	155C	.3420	210A	-.5687	251C	.3557	309A	-.5858
109A	-.6542	154C	.3968	209A	-.5772	243C	.6460	308A	-.6029
108A	-.7226	153C	.4433	208A	-.6114	244C	.0880	301A	-.6884
101A	.0983	152C	-.0825	201A	-.3036	245C	-.1121	302A	.4404
102A	.6798	144C	.6953	202A	.7397	246C	-.5996	303A	.7226
103A	.6456	145C	.0165	203A	.5516	247C	-.5593	304A	.4404
104A	.3720	146C	-.2943	204A	.3463	248C	-.4553	305A	.2779
105A	.0898	147C	-.5761	206A	-.0812	249C	-.3324	307A	-.3121
106A	-.1154	148C	-.4576	207A	-.5002	250C	-.2094	345E	.2074
107A	-.4062	149C	-.3312	242B	.4406	264D	-.0168	344E	.2380
142B	.4625	150C	-.2206	241B	.2845	263D	.3064	343E	.2331
141B	.3502	151C	-.1177	240B	.2543	262D	.3392	342E	.2209
140B	.3557	166D	-.0579	239B	.2352	261D	.0325	341E	.1657
139B	.3502	165D	.2406	238B	.1831	256D	.7857	340E	.0959
133B	.3091	164D	.2434	237B	.0984	257D	-.1579	339E	.0322
137B	.2735	158D	.7499	236B	.1216	258D	-.3435	338E	-.0376
136B	.0681	159D	.2591	235B	.2086	259D	-.2720	337E	.0040
135B	.0900	160D	-.3044	234B	.3801	260D	-.1613	336E	.1106
134B	.2434	161D	-.1121	233B	.5308			335E	.3237
133B	.4598	162D	-.1110	232B	-.4504			334E	.3176
132B	-.4988			231B	-.6353			333E	-.4810
131B	-.6659			230B	-1.1669			332E	-.6623
130B	-.8905			215B	-1.2392			331E	-.9220
115B	-.6330			216B	-1.0219			314E	-1.1437
116B	-.6542			217B	-1.4494			315E	-1.0048
117B	-1.2186			218B	-1.5606			316E	-1.0817
118B	-1.7231			219B	-1.4751			317E	-1.1597
119B	-1.8685			220B	-1.6547			318E	-1.1501
120B	-1.6547			222B	-.9048			319E	-1.1758
121B	-1.1943			223B	-.8064			320E	-.8765
122B	-.9193			224B	-.7527			321E	-.7101
123B	-.7807			225B	-.5711			322E	-.6231
124B	-.7002			226B	-.6812			323E	-.5472
125B	-.6052			227B	-.5850			324E	-.4516
126B	-.5023			228B	-.5358			325E	-.3940
127B	-.4386			229B	-.4755			326E	-.3377



TABLE 124 .- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = 8.333 DEGREES AND QINF = 2.89 KN/SQM ( 60.28 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.2195	128B	-.4062	214A	-.5374	255C	.3009	313A	-.5815	327E	-.2691
113A	-.3455	129B	-.3659	213A	-.5655	254C	.4379	312A	-.5778	328E	-.2262
112A	-.4276	157C	.1503	212A	-.5876	253C	.4433	311A	-.5570	329E	-.2091
111A	-.3893	156C	.2105	211A	-.5680	252C	.468C	310A	-.5430	330E	.0886
110A	-.4233	155C	.3639	210A	-.5174	251C	.4022	309A	-.6542		
109A	-.4404	154C	.4269	209A	-.6114	243C	.7583	308A	-.6200		
108A	-.0727	153C	.4844	208A	.0299	244C	.1484	301A	-.1582		
101A	.5345	152C	-.0278	201A	.3207	245C	-.1088	302A	.7312		
102A	.6371	144C	.8103	202A	.5687	246C	-.6823	303A	.4575		
103A	.1924	145C	.0299	203A	-.0214	247C	-.6230	304A	.0641		
104A	-.1582	146C	-.3066	204A	-.1839	248C	-.4934	305A	-.1154		
105A	-.3549	147C	-.6029	206A	-.4917	249C	-.3592	307A	-.6969		
106A	-.5516	148C	-.4542	207A	-.9022	250C	-.2295	345E	.2147		
107A	-.7654	149C	-.3189	242B	.5858	264D	-.0086	344E	.2564		
142B	.5091	150C	-.2094	241B	.3557	263D	.3447	343E	.2539		
141B	.3940	151C	-.1199	240B	.3228	262D	.3858	342E	.2356		
140B	.4050	166D	-.0661	239B	.3064	261D	.1201	341E	.1768		
139B	.3968	165D	.2489	238B	.2461	256D	.8114	340E	.1082		
138B	.3584	164D	.2735	237B	.1621	257D	-.1635	339E	.0432		
137B	.2982	159D	.7711	236B	.2000	258D	-.3648	338E	.0016		
136B	.1585	159D	.2635	235B	.2650	259D	-.2966	337E	.0359		
135B	.1804	160D	-.3167	234B	.3972	260D	-.1781	336E	.1474		
134B	.3146	161D	-.0965	233B	.5687			335E	.2968		
133B	.6104	162D	-.1155	232B	.7757			334E	.4732		
132B	.5200			231B	.4560			333E	.7561		
131B	-.4523			230B	-1.7733			332E	.5663		
130B	-1.5451			215B	-3.5751			331E	-.6231		
115B	-1.3424			216B	-2.0053			314E	-3.1758		
116B	-1.0732			217B	-2.6381			315E	-2.2276		
117B	-2.1421			218B	-2.6296			316E	-1.9797		
118B	-2.6638			219B	-2.2362			317E	-2.0481		
119B	-2.6296			220B	-2.5954			318E	-1.8172		
120B	-2.2533			222B	-1.1608			319E	-1.9454		
121B	-1.5566			223B	-1.0222			320E	-1.1587		
122B	-1.1329			224B	-.9260			321E	-.9146		
123B	-.9339			225B	-.8098			322E	-.7750		
124B	-.8064			226B	-.7941			323E	-.6599		
125B	-.6711			227B	-.6711			324E	-.5239		
126B	-.5381			228B	-.6052			325E	-.4406		
127B	-.4632			229B	-.5303			326E	-.3500		

TABLE 125 .- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = 12.285 DEGREES AND QINF = 2.88 KN/SQM ( 60.24 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1162	128B	-.3970	* 214A	-.2994	255C	.3169	* 313A	-.3913	327E	-.3680
* 113A	-.2779	129B	-.3545	* 213A	-.4121	254C	.4539	* 312A	-.4023	328E	-.3214
* 112A	-.3573	157C	.1689	* 212A	-.4134	253C	.4703	* 311A	-.3717	329E	-.3031
* 111A	-.2861	156C	.2209	* 211A	-.3631	252C	.4922	* 310A	-.2018	330E	.0757
* 110A	-.1932	155C	.3744	* 210A	-.0649	251C	.4429	* 309A	-.0649		
* 109A	.0806	154C	.4374	* 209A	.1063	243C	.7471	* 308A	.2517		
* 108A	.4828	153C	.4895	* 208A	.6625	244C	.1724	* 301A	.5940		
* 101A	.6796	152C	.0017	* 201A	.3801	245C	-.1017	* 302A	.4913		
* 102A	.2004	144C	.7992	* 202A	-.3301	246C	-.7103	* 303A	-.3900		
* 103A	-.4414	145C	.0639	* 203A	-.9120	247C	-.6443	* 304A	-.7494		
* 104A	-.8777	146C	-.2919	* 204A	-.9291	248C	-.5022	* 305A	-.7408		
* 105A	-1.0147	147C	-.5906	* 206A	-1.0917	249C	-.3646	* 307A	-1.2714		
* 105A	-1.1088	148C	-.4384	* 207A	-1.4853	250C	-.2348	* 345E	.1774		
* 107A	-1.2970	149C	-.3008	* 242B	.6320	264D	-.0011	* 344E	.2240		
* 142B	.5334	150C	-.2057	* 241B	.3908	263D	.3717	* 343E	.2289		
* 141B	.4073	151C	-.1263	* 240B	.3306	262D	.4183	* 342E	.2191		
* 140B	.4237	166D	-.0641	* 239B	.3388	261D	.1743	* 341E	.1725		
* 139B	.4210	165D	.2648	* 238B	.3059	256D	.8090	* 340E	.1186		
* 138B	.3826	164D	.2922	* 237B	.2657	257D	-.1453	* 339E	.0781		
* 137B	.3223	158D	.7664	* 236B	.2988	258D	-.3646	* 338E	.0463		
* 136B	.2292	159D	.2686	* 235B	.3895	259D	-.2907	* 337E	.1063		
* 135B	.2812	160D	-.3277	* 234B	.5059	260D	-.1744	* 336E	.2301		
* 134B	.3091	161D	-.0983	* 233B	.6468			* 335E	.3821		
* 133B	.6265	162D	-.1207	* 232B	.7829			* 334E	.5365		
* 132B	.6896			* 231B	.5047			* 333E	.7412		
* 131B	.0538			* 230B	-1.5030			* 332E	.6223		
* 130B	-1.5577			* 215B	-3.8416			* 331E	-.2651		
* 115B	-1.8838			* 216B	-2.8886			* 314E	-3.4677		
* 116B	-1.6393			* 217B	-3.8213			* 315E	-3.0426		
* 117B	-3.1025			* 218B	-3.5988			* 316E	-2.9998		
* 118B	-3.6844			* 219B	-2.9228			* 317E	-2.9143		
* 119B	-3.4020			* 220B	-3.3678			* 318E	-2.4522		
* 120B	-2.8201			* 222B	-1.4285			* 319E	-2.5549		
* 121B	-1.8458			* 223B	-1.2159			* 320E	-1.5281		
* 122B	-1.3200			* 224B	-1.0783			* 321E	-1.1022		
* 123B	-1.0582			* 225B	-.9206			* 322E	-.9049		
* 124B	-.8859			* 226B	-.8770			* 323E	-.7615		
* 125B	-.7125			* 227B	-.7237			* 324E	-.5825		
* 126B	-.5447			* 228B	-.6398			* 325E	-.4894		
* 127B	-.4586			* 229B	-.5570			* 326E	-.4158		

TABLE 126 .- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = 14.341 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1284	128B	-.5661	* 214A	-.1741	255C	.3231	* 313A	-.2830	327E	-.5498
* 113A	-.1886	129B	-.5516	* 213A	-.3161	254C	.4626	* 312A	-.2818	328E	-.4911
* 112A	-.2872	157C	.0576	* 212A	-.3430	253C	.4791	* 311A	-.2610	329E	-.4519
* 111A	-.2078	156C	.1343	* 211A	-.3063	252C	.5092	* 310A	-.0379	330E	.0168
* 110A	-.0892	155C	.3231	* 210A	.1074	251C	.4654	* 309A	.1159		
* 109A	.1842	154C	.4024	* 209A	.3295	243C	.7582	* 308A	.4833		
* 108A	.5175	153C	.4654	* 208A	.7567	244C	.1868	* 301A	.6883		
* 101A	.6627	152C	-.0327	* 201A	.4833	245C	-.0981	* 302A	.0817		
* 102A	.0817	144C	.7856	* 202A	-.8923	246C	-.7169	* 303A	-.9094		
* 103A	-.4993	145C	-.0210	* 203A	-1.4135	247C	-.6421	* 304A	-1.1059		
* 104A	-.9607	146C	-.4611	* 204A	-1.3879	248C	-.4935	* 305A	-1.0717		
* 105A	-1.0376	147C	-.8197	* 206A	-1.3281	249C	-.3606	* 307A	-1.4818		
* 106A	-1.1230	148C	-.6644	* 207A	-1.6954	250C	-.2399	* 345E	.1466		
* 107A	-1.2597	149C	-.5036	* 242B	.6597	264D	-.0135	* 344E	.2041		
* 142B	.5037	150C	-.4444	* 241B	.4189	263D	.3641	* 343E	.2041		
* 141B	.3860	151C	-.3650	* 240B	.3669	262D	.4134	* 342E	.2053		
* 140B	.4024	166D	-.2488	* 239B	.3559	261D	.1835	* 341E	.1600		
* 139B	.4052	165D	.1753	* 238B	.3340	256D	.8001	* 340E	.1111		
* 138C	.3751	164D	.2054	* 237B	.2922	257D	-.1517	* 339E	.0866		
* 137B	.3559	158D	.7286	* 236B	.3338	258D	-.3784	* 338E	.0633		
* 136B	.2300	159D	.1209	* 235B	.4085	259D	-.3014	* 337E	.1380		
* 135B	.2848	160D	-.5918	* 234B	.5345	260D	-.1874	* 336E	.2653		
* 134B	.4107	161D	-.1662	* 233B	.6728			* 335E	.4134		
* 133B	.6296	162D	-.3438	* 232B	.7768			* 334E	.5676		
* 132B	.6980			* 231B	.5100			* 333E	.7377		
* 131B	.1288			* 230B	-1.4212			* 332E	.6190		
* 130B	-1.3489			* 215B	-3.7269			* 331E	-.1986		
* 115B	-1.6937			* 216B	-3.1736			* 314E	-3.4650		
* 116B	-1.5331			* 217B	-4.2245			* 315E	-3.2334		
* 117B	-2.8916			* 218B	-3.9682			* 316E	-3.3017		
* 118B	-3.3359			* 219B	-3.2163			* 317E	-3.1479		
* 119B	-3.0283			* 220B	-3.6264			* 318E	-2.6353		
* 120B	-2.4730			* 222B	-1.5290			* 319E	-2.7207		
* 121B	-1.6128			* 223B	-1.2788			* 320E	-1.6015		
* 122B	-1.1369			* 224B	-1.1302			* 321E	-1.1385		
* 123B	-.9426			* 225B	-.9604			* 322E	-.9378		
* 124B	-.8052			* 226B	-.9012			* 323E	-.8264		
* 125B	-.6566			* 227B	-.7404			* 324E	-.7077		
* 126B	-.5963			* 228B	-.6477			* 325E	-.6502		
* 127B	-.5594			* 229B	-.5605			* 326E	-.6306		
*****											

TABLE 127 .- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = 16.428 DEGREES AND QINF = 2.89 KN/SQM ( 60.32 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.0218	128B	-.5597	214A	.1047	255C	.3475	313A	-.1597	327E	-.8623
113A	-.1424	129B	-.5586	213A	-.2087	254C	.4871	312A	-.1768	328E	-.7154
112A	-.2300	157C	.0492	212A	-.2539	253C	.5062	311A	-.1634	329E	-.6517
111A	-.1397	156C	.1340	211A	-.1781	252C	.5418	310A	.1584	330E	-.0214
110A	.0558	155C	.3311	210A	.3122	251C	.5062	309A	.4062		
109A	.3720	154C	.4132	209A	.5600	243C	.7744	308A	.6967		
108A	.6369	153C	.4816	208A	.7480	244C	.1955	301A	.7565		
101A	.5343	152C	-.0576	201A	.5343	245C	-.0961	302A	-.4312		
102A	-.3287	144C	.7936	202A	-1.6873	246C	-.7251	303A	-1.4481		
103A	-.9354	145C	-.0201	203A	-2.1060	247C	-.6480	304A	-1.4994		
104A	-1.2601	146C	-.4726	204A	-1.8839	248C	-.5028	305A	-1.3028		
105A	-1.3199	147C	-.8725	205A	-1.6617	249C	-.3687	307A	-1.6617		
106A	-1.3541	148C	-.6960	207A	-2.0804	250C	-.2514	345E	.0949		
107A	-1.4139	149C	-.5597	242B	.7005	264D	.0026	344E	.1708		
142B	.5308	150C	-.4704	241B	.4597	263D	.3858	343E	.1855		
141B	.4022	151C	-.4022	240B	.3967	262D	.4405	342E	.1928		
140B	.4214	166D	-.2546	239B	.3940	261D	.2325	341E	.1549		
139B	.4104	165D	.1723	238B	.3748	256D	.7876	340E	.1022		
138B	.3913	164D	.2134	237B	.3372	257D	-.1442	339E	.0937		
137B	.3639	158D	.7138	236B	.3911	258D	-.3832	338E	.0863		
136B	.2708	159D	.1217	235B	.4731	259D	-.3117	337E	.1683		
135B	.3338	160D	-.6335	234B	.5906	260D	-.1955	336E	.3066		
134B	.4624	161D	-.1911	233B	.7154			335E	.4584		
133B	.6513	162D	-.3698	232B	.7803			334E	.6028		
132B	.7005			231B	.5037			333E	.7473		
131B	.2243			230B	-1.3372			332E	.6236		
130B	-1.2152			215B	-3.6786			331E	-.1511		
115B	-1.6914			216B	-3.6783			314E	-3.4375		
116B	-1.6703			217B	-4.7977			315E	-3.3792		
117B	-3.1229			218B	-4.3961			316E	-3.5672		
118B	-3.5330			219B	-3.5758			317E	-3.3280		
119B	-3.1571			220B	-3.9176			318E	-2.7640		
120B	-2.5846			222B	-1.6255			319E	-2.6871		
121B	-1.6702			223B	-1.3641			320E	-1.5506		
122B	-1.1418			224B	-1.1943			321E	-1.0667		
123B	-.9306			225B	-1.0077			322E	-.9149		
124B	-.7698			226B	-.9306			323E	-.9345		
125B	-.6424			227B	-.7541			324E	-.9210		
126B	-.5731			228B	-.6581			325E	-.9381		
127B	-.5631			229B	-.5687			326E	-.9320		

TABLE 128.- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = 20.439 DEGREES AND QINF = 2.89 KN/SQM ( 60.40 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.3474	128B	-.6590	* 214A	.4570	255C	.2928	* 313A	.0768	327E	-.9157
* 113A	-.0052	129B	-.6612	* 213A	-.0381	254C	.4677	* 312A	-.0197	328E	-.7715
* 112A	-.1473	157C	.0331	* 212A	-.1371	253C	.4896	* 311A	.0524	329E	-.7042
* 111A	-.0325	156C	.1260	* 211A	-.0148	252C	.5305	* 310A	.3975	330E	-.0637
* 110A	.2866	155C	.3392	* 210A	.5084	251C	.4950	* 309A	.5938		
* 109A	.5767	154C	.4212	* 209A	.7474	243C	.7683	* 308A	.7644		
* 108A	.6791	153C	.4814	* 208A	.4658	244C	.1889	* 301A	.6450		
* 101A	.1500	152C	.0358	* 201A	-.2255	245C	-.1201	* 302A	-1.1129		
* 102A	-1.0788	144C	.7902	* 202A	-3.1695	246C	-.8018	* 303A	-2.3845		
* 103A	-1.7018	145C	-.0398	* 203A	-3.1439	247C	-.7204	* 304A	-2.0260		
* 104A	-1.9492	146C	-.5508	* 204A	-2.7258	248C	-.5976	* 305A	-1.5908		
* 105A	-1.7871	147C	-.9569	* 206A	-2.0004	249C	-.4816	* 307A	-1.5652		
* 106A	-1.7700	148C	-.7828	* 207A	-2.3503	250C	-.4381	* 345E	.0597		
* 107A	-1.7700	149C	-.6155	* 242B	.7164	264D	-.1637	* 344E	.1428		
* 142B	.5469	150C	-.5463	* 241B	.4704	263D	.3474	* 343E	.1685		
* 141B	.4130	151C	-.4771	* 240B	.3802	262D	.3884	* 342E	.1734		
* 140B	.4240	166D	-.3222	* 239B	.3912	261D	.1862	* 341E	.1367		
* 139B	.4158	165D	.1698	* 238B	.3775	256D	.7702	* 340E	.0976		
* 138B	.4021	164D	.2272	* 237B	.3629	257D	-.2919	* 339E	.0940		
* 137B	.3775	158D	.6999	* 236B	.4252	258D	-.6155	* 338E	.0903		
* 136B	.3201	159D	.0874	* 235B	.5144	259D	-.5251	* 337E	.1869		
* 135B	.3939	160D	-.7282	* 234B	.6269	260D	-.3890	* 336E	.3238		
* 134B	.5196	161D	-.1681	* 233B	.7345			* 335E	.4729		
* 133B	.6836	162D	-.4492	* 232B	.7675			* 334E	.6049		
* 132B	.7000			* 231B	.5047			* 333E	.7247		
* 131B	.3283			* 230B	-1.1602			* 332E	.6122		
* 130B	-1.0137			* 215B	-3.6061			* 331E	-.0857		
* 115B	-1.5959			* 216B	-3.9461			* 314E	-2.9717		
* 116B	-1.8980			* 217B	-5.1152			* 315E	-2.7855		
* 117B	-3.5877			* 218B	-4.6715			* 316E	-3.2720		
* 118B	-3.9461			* 219B	-3.9717			* 317E	-2.8367		
* 119B	-3.5194			* 220B	-3.9034			* 318E	-2.0858		
* 120B	-2.7087			* 222B	-1.4779			* 319E	-1.4031		
* 121B	-1.6754			* 223B	-1.1856			* 320E	-1.0788		
* 122B	-1.1856			* 224B	-.9948			* 321E	-1.1198		
* 123B	-.9535			* 225B	-.8264			* 322E	-1.0575		
* 124B	-.8085			* 226B	-.7683			* 323E	-1.0111		
* 125B	-.6802			* 227B	-.6746			* 324E	-.9548		
* 126B	-.6188			* 228B	-.6400			* 325E	-.9279		
* 127B	-.6300			* 229B	-.6032			* 326E	-.9426		

TABLE 129 .- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = 24.495 DEGREES AND QINF = 2.89 KN/SQM ( 60.45 LB/SQFT )

WING STATION A			WING STATION B			WING STATION C					
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP		
* 114A	.5517	1288	-.6978	* 214A	.5859	255C	.2185	* 313A	.2524	327E	-.8078
* 113A	.1666	129B	-.7190	* 213A	.1828	254C	.4124	* 312A	.0961	328E	-.7724
* 112A	-.1338	157C	.0355	* 212A	.0509	253C	.4507	* 311A	.1180	329E	-.7406
* 111A	.0355	156C	.1311	* 211A	.1510	252C	.5026	* 310A	.4566	330E	-.1189
* 110A	.4907	155C	.3414	* 210A	.6186	251C	.4753	* 309A	.6527		
* 109A	.6869	154C	.4316	* 209A	.7465	243C	.7347	* 308A	.6869		
* 108A	.5248	153C	.4916	* 208A	.0388	244C	.1372	* 301A	.2264		
* 101A	-.4643	152C	.0465	* 201A	-1.0101	245C	-.2028	* 302A	-2.4768		
* 102A	-1.9822	144C	.7784	* 202A	-4.1907	246C	-.9431	* 303A	-3.2954		
* 103A	-2.6047	145C	-.0512	* 203A	-3.7217	247C	-.8985	* 304A	-2.6302		
* 104A	-2.6814	146C	-.5952	* 204A	-3.2527	248C	-.7680	* 305A	-2.1527		
* 105A	-2.3659	147C	-1.0356	* 206A	-2.1186	249C	-.6844	* 307A	-2.0504		
* 106A	-2.1868	148C	-.8271	* 207A	-2.2892	250C	-.6320	* 345E	.0716		
* 107A	-2.0163	149C	-.6878	* 242B	.6774	264D	-.3495	* 344E	.1608		
* 142B	.5736	150C	-.6053	* 241B	.4780	263D	.2732	* 343E	.1767		
* 141B	.4179	151C	-.4893	* 240B	.3633	262D	.3250	* 342E	.1767		
* 140B	.4234	166D	-.3031	* 239B	.3797	261D	.1120	* 341E	.1388		
* 139B	.4261	165D	.1694	* 238B	.3797	256D	.7426	* 340E	.1034		
* 138B	.4124	164D	.2213	* 237B	.3574	257D	-.4570	* 339E	.1058		
* 137B	.3769	158D	.6891	* 236B	.4478	258D	-.8416	* 338E	.1205		
* 136B	.3524	159D	.0715	* 235B	.5333	259D	-.7268	* 337E	.2243		
* 135B	.4425	160D	-.7591	* 234B	.6518	260D	-.5874	* 336E	.3721		
* 134B	.5654	161D	-.1638	* 233B	.7434			* 335E	.5187		
* 133B	.6937	162D	-.4693	* 232B	.7605			* 334E	.6420		
* 132B	.6856			* 231B	.5309			* 333E	.7275		
* 131B	.3633			* 230B	-.8713			* 332E	.5932		
* 130B	-.8521			* 215B	-3.1273			* 331E	-.0334		
* 115B	-1.5021			* 216B	-3.7388			* 314E	-3.0394		
* 116B	-2.0845			* 217B	-4.4466			* 315E	-3.4574		
* 117B	-4.0714			* 218B	-4.1140			* 316E	-3.7985		
* 118B	-4.4721			* 219B	-2.9543			* 317E	-3.3636		
* 119B	-3.9008			* 220B	-2.6473			* 318E	-2.4768		
* 120B	-2.8690			* 222B	-1.0668			* 319E	-2.0760		
* 121B	-1.7725			* 223B	-1.0423			* 320E	-1.2744		
* 122B	-1.2374			* 224B	-.9654			* 321E	-1.0313		
* 123B	-.9799			* 225B	-.9096			* 322E	-.9385		
* 124B	-.8294			* 226B	-.8517			* 323E	-.8684		
* 125B	-.7101			* 227B	-.7926			* 324E	-.8371		
* 126B	-.6655			* 228B	-.7903			* 325E	-.8457		
* 127B	-.6956			* 229B	-.7457			* 326E	-.8298		

TABLE 130.- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = 28.600 DEGREES AND QINF = 2.90 KN/SQM ( 60.67 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5522	128B	-.8328	* 214A	.6032	255C	.2066	* 313A	.4268	327E	-.7708
* 113A	.5495	129B	-.8439	* 213A	.4061	254C	.4161	* 312A	.2722	328E	-.7526
* 112A	-.0247	157C	-.0057	* 212A	.2491	253C	.4651	* 311A	.3038	329E	-.7343
* 111A	.1358	156C	.1032	* 211A	.2965	252C	.5141	* 310A	.6104	330E	-.1611
* 110A	.6444	155C	.3318	* 210A	.7378	251C	.4842	* 309A	.7208		
* 109A	.7038	154C	.4297	* 209A	.6953	243C	.7100	* 308A	.4999		
* 108A	.2110	153C	.5032	* 208A	-.4942	244C	.1314	* 301A	-.3498		
* 101A	-1.3439	152C	.0732	* 201A	-2.1595	245C	-.2152	* 302A	-3.8674		
* 102A	-3.3746	144C	.7808	* 202A	-5.4308	246C	-.9817	* 303A	-4.2497		
* 103A	-3.7229	145C	-.0930	* 203A	-4.5981	247C	-.9517	* 304A	-3.4595		
* 104A	-3.5530	146C	-.6973	* 204A	-3.5870	248C	-.8284	* 305A	-2.1171		
* 105A	-2.9157	147C	-1.2138	* 206A	-2.2785	249C	-.7606	* 307A	-2.0916		
* 106A	-2.4909	148C	-.9939	* 207A	-2.3635	250C	-.6840	* 345E	.0677		
* 107A	-2.3295	149C	-.8395	* 242B	.6719	264D	-.3948	* 344E	.1602		
* 142B	.5930	150C	-.7851	* 241B	.5495	263D	.2801	* 343E	.1760		
* 141B	.4461	151C	-.7028	* 240B	.3998	262D	.3263	* 342E	.1870		
* 140B	.4488	166D	-.4248	* 239B	.4052	261D	.1195	* 341E	.1639		
* 139B	.4542	165D	.1358	* 238B	.4080	256D	.7324	* 340E	.1310		
* 138B	.4379	164D	.1984	* 237B	.4000	257D	-.4785	* 339E	.1408		
* 137B	.3971	158D	.6469	* 236B	.4901	258D	-.8995	* 338E	.1651		
* 136B	.4216	159D	.0137	* 235B	.5862	259D	-.9028	* 337E	.2746		
* 135B	.5223	160D	-.9750	* 234B	.6860	260D	-.6706	* 336E	.4219		
* 134B	.6393	161D	-.2141	* 233B	.7590			* 335E	.5667		
* 133B	.7318	162D	-.6740	* 232B	.7432			* 334E	.6665		
* 132B	.6983			* 231B	.5412			* 333E	.7201		
* 131B	.4189			* 230B	-.7209			* 332E	.6008		
* 130B	-.6153			* 215B	-2.9202			* 331E	.0665		
* 115B	-1.4861			* 216B	-3.6804			* 314E	-2.5891		
* 116B	-2.3550			* 217B	-4.5216			* 315E	-3.1282		
* 117B	-4.5471			* 218B	-3.8504			* 316E	-3.3746		
* 118B	-4.7935			* 219B	-2.5504			* 317E	-2.9837		
* 119B	-4.2752			* 220B	-2.2275			* 318E	-1.9726		
* 120B	-3.0177			* 222B	-1.0239			* 319E	-1.3609		
* 121B	-1.8059			* 223B	-.9739			* 320E	-1.0380		
* 122B	-1.1683			* 224B	-.9194			* 321E	-.9838		
* 123B	-.8839			* 225B	-.8706			* 322E	-.9497		
* 124B	-.7484			* 226B	-.8617			* 323E	-.9096		
* 125B	-.7173			* 227B	-.8184			* 324E	-.8146		
* 126B	-.7706			* 228B	-.8128			* 325E	-.8049		
* 127B	-.8017			* 229B	-.8017			* 326E	-.7854		

TABLE 131.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 61

ALPHA	COMPONENT-STATION									
	A-A	R-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.883	-.14551	.14534	.06770	.02032	-.14100	-.06222	.01538	.00760	-.13178	-.02651
.215	-.10701	.51669	.09209	.02986	-.12194	.38686	.13647	.04742	-.12629	.15226
4.195	-.05749	.87047	.09504	.03283	-.08900	.88633	.14965	.05188	-.10393	.59895
8.333	-.02578	1.16436	.09977	.03433	-.04647	1.30873	.16745	.05892	-.07939	.93549
12.285	.05758	1.39471	.09988	.03583	.08592	1.62112	.17392	.06169	.03733	1.18182
14.341	.06979	1.31789	.12546	.04540	.15076	1.72970	.17559	.06247	.10039	1.31882
16.428	.11811	1.36234	.13168	.04762	.23786	1.87195	.18249	.06625	.16184	1.47083
20.439	.20949	1.46599	.14452	.05261	.36329	1.83721	.19559	.08175	.24360	1.35395
24.495	.30421	1.56503	.15366	.05439	.43712	1.63982	.21909	.09454	.35006	1.41527
28.600	.40835	1.65301	.17797	.06576	.50973	1.59342	.23056	.10226	.42954	1.33052



TABLE 132.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 61

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.883	-.01984	-.04934	.00033	.00219	-.00434	.00527	-.00572	-.00192	-.01201	-.00959
.215	-.00414	-.06509	.00500	.00317	-.00195	-.04804	.00907	.00147	-.00888	-.04920
4.195	-.00104	-.08583	.00524	.00317	.00212	-.07942	.01425	.00247	-.00543	-.08057
8.333	.03022	-.13931	.00590	.00320	.02904	-.15536	.01650	.00256	.01118	-.14552
12.285	.05604	-.19684	.00604	.00320	.04497	-.20582	.01688	.00257	.04209	-.19247
14.341	.05440	-.17220	.00840	.00229	.04795	-.22198	.01716	.00253	.04592	-.19551
16.428	.05702	-.18309	.00892	.00228	.04714	-.24686	.01777	.00255	.04928	-.18949
20.439	.05563	-.19791	.00972	.00192	.02486	-.26552	.02168	.00218	.04066	-.14562
24.495	.04582	-.21625	.00995	.00181	-.00387	-.21592	.02564	.00165	.02925	-.18284
28.600	.01984	-.23425	.01214	.00137	-.04201	-.20508	.02699	.00185	.00298	-.15264

TABLE 133.- PITCHING-MOMENT COEFFICIENT FOR RUN 61

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.883	.00962	-.11623	-.00481	-.00085	.00981	.00284	-.00181	-.00035	.00990	-.00988
.215	.00642	-.25067	-.00633	-.00105	.00807	-.19492	-.01359	-.00251	.00888	-.08538
4.195	.00203	-.22617	-.00663	-.00118	.00496	-.33300	-.01474	-.00279	.00651	-.23237
8.333	.00002	-.40223	-.00686	-.00123	.00203	-.42913	-.01650	-.00315	.00420	-.28815
12.285	-.00530	-.44914	-.00691	-.00130	-.00674	-.50530	-.01710	-.00329	-.00396	-.34857
14.341	-.00582	-.44173	-.00884	-.00175	-.01099	-.53246	-.01722	-.00333	-.00816	-.41232
16.428	-.00878	-.44968	-.00933	-.00185	-.01698	-.56862	-.01791	-.00354	-.01196	-.50034
20.439	-.01447	-.48168	-.01019	-.00210	-.02495	-.53716	-.01947	-.00436	-.01680	-.49609
24.495	-.02006	-.50830	-.01084	-.00220	-.02919	-.52122	-.02203	-.00502	-.02380	-.48535
28.600	-.02536	-.53869	-.01274	-.00280	-.03282	-.52122	-.02331	-.00552	-.02739	-.47535

TABLE 134.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 61 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.89 (60.31)	-5.88	-.1218	.1445	-.2095	-.0003	.0028	-.0135
.204	2.89 (60.35)	-3.88	.0006	.1203	-.1531	.0003	.0022	-.0080
.204	2.89 (60.34)	-1.92	.1746	.0960	-.1452	.0010	.0018	-.0115
.204	2.88 (60.24)	.21	.4548	.0785	-.1545	.0034	.0020	-.0073
.204	2.89 (60.29)	2.27	.7212	.0758	-.1554	.0000	.0012	-.0059
.204	2.88 (60.23)	4.20	.9389	.0831	-.1513	.0018	.0017	-.0057
.204	2.89 (60.29)	6.31	1.1552	.0988	-.1307	.0014	.0023	-.0039
.204	2.88 (60.23)	8.33	1.3730	.1164	-.1161	.0010	.0020	-.0018
.204	2.89 (60.36)	10.29	1.5565	.1388	-.0928	.0003	.0019	-.0043
.204	2.88 (60.19)	12.29	1.7595	.1659	-.0625	-.0007	.0017	.0014
.204	2.90 (60.52)	13.44	1.8634	.1796	-.0556	-.0012	.0014	-.0017
.204	2.89 (60.28)	14.34	1.8593	.2138	-.0698	-.0071	.0000	.0095
.205	2.92 (60.92)	15.44	1.9283	.2328	-.0518	-.0082	.0013	.0043
.204	2.89 (60.27)	16.43	2.0048	.2559	-.0377	-.0074	.0025	.0094
.204	2.88 (60.19)	17.44	2.0042	.2966	-.0783	.0023	.0041	-.0055
.204	2.89 (60.27)	18.41	2.0580	.3224	-.0541	-.0017	.0021	-.0006
.204	2.89 (60.35)	20.44	2.1048	.3911	-.0009	-.0113	-.0026	.0092
.204	2.89 (60.46)	22.55	2.1573	.4567	.0336	-.0168	-.0066	.0099
.204	2.89 (60.40)	24.49	2.1605	.5306	.0939	-.0194	-.0080	.0083
.204	2.88 (60.16)	26.64	2.1358	.6130	.1479	-.0082	-.0017	.0066
.204	2.90 (60.62)	28.60	2.1669	.6831	.1837	-.0091	-.0009	.0024

TABLE 135.- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = -3.847 DEGREES AND QINF = 2.89 KN/SQM ( 60.43 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.7796	126B	-.3440	* 214A	-.5217	255C	-.1295	* 313A	-.6451	327E	-.3470
* 113A	-.6949	129B	-.3640	* 213A	-.5217	254C	-.1322	* 312A	-.6512	328E	-.3055
* 112A	-.7878	157C	.0973	* 212A	-.5229	253C	-.2141	* 311A	-.6512	329E	-.2456
* 111A	-.6403	156C	.1355	* 211A	-.5107	252C	-.3234	* 310A	-.6675	330E	-.0147
* 11CA	-.6931	155C	.2093	* 210A	-.5140	251C	-.3671	* 309A	-.6334		
* 109A	-.7187	154C	.1956	* 209A	-.5310	243C	-.4819	* 308A	-.6249		
* 108A	-.6931	153C	.2120	* 208A	-.5566	244C	-.3908	* 301A	-.6078		
* 101A	-.7528	152C	-.0639	* 201A	-.2922	245C	-.3863	* 302A	-.3505		
* 102A	.1769	144C	.1465	* 202A	.3646	246C	-.3640	* 303A	.6716		
* 103A	.7226	145C	-.1399	* 203A	.7228	247C	-.3417	* 304A	.7996		
* 104A	.7910	146C	-.3573	* 204A	.7390	248C	-.3036	* 305A	.7057		
* 105A	.6631	147C	-.4967	* 206A	.4328	249C	-.2414	* 307A	.1684		
* 106A	.4584	148C	-.4254	* 207A	.0234	250C	-.2001	* 345E	-.1796		
* 107A	.1172	149C	-.3417	* 242B	-.3125	264D	-.0011	* 344E	-.2309		
* 142B	.1246	150C	-.2213	* 241B	-.3016	263D	-.0830	* 343E	-.2456		
* 141B	.1711	151C	-.1198	* 240B	-.2988	262D	-.0311	* 342E	-.3152		
* 140B	.0732	166D	.0263	* 239B	-.5010	261D	-.0666	* 341E	-.3580		
* 139B	.0345	165D	.1793	* 238B	-.4791	256D	-.2213	* 340E	-.4252		
* 138B	-.0448	164D	.1956	* 237B	-.5425	257D	-.2012	* 339E	-.5022		
* 137B	.1028	158D	.2973	* 236B	-.5498	258D	-.1611	* 338E	-.5804		
* 136B	-.3234	159D	.2292	* 235B	-.5315	259D	-.1198	* 337E	-.6366		
* 135B	-.4873	160D	.0162	* 234B	-.5413	260D	-.0774	* 336E	-.6793		
* 134B	-.6075	161D	-.0886	* 233B	-.5425			* 335E	-.6586		
* 133B	-.6540	162D	-.0596	* 232B	-.5584			* 334E	-.6610		
* 132B	-.6704			* 231B	-.5620			* 333E	-.6744		
* 131B	-.6622			* 230B	-.5669			* 332E	-.6732		
* 130B	-.7796			* 215B	-.5950			* 331E	-.6916		
* 115B	-.9381			* 216B	-.7358			* 314E	-.7074		
* 116B	-.8211			* 217B	.5693			* 315E	-.8637		
* 117B	.3560			* 218B	-.2496			* 316E	-.0875		
* 118B	-.3860			* 219B	-.5140			* 317E	.0831		
* 119B	-.7613			* 220B	-.5652			* 318E	-.3775		
* 120B	-.7137			* 222B	-.3908			* 319E	-.2496		
* 121B	-.5146			* 223B	-.3930			* 320E	-.3775		
* 122B	-.4633			* 224B	-.4053			* 321E	-.3262		
* 123B	-.4477			* 225B	-.4075			* 322E	-.3580		
* 124B	-.4276			* 226B	-.5179			* 323E	-.3470		
* 125B	-.4410			* 227B	-.4399			* 324E	-.3629		
* 126B	-.3919			* 228B	-.4343			* 325E	-.3885		
* 127B	-.3629			* 229B	-.2696			* 326E	-.4008		
*****											

TABLE 136 .- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = .117 DEGREES AND QINF = 2.89 KN/SQM ( 60.42 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.5037	128B	-.3740	* 214A	-.4643	255C	.2696	* 313A	-.4985	327E	-.2590
* 113A	-.4900	129B	-.3662	* 213A	-.4496	254C	.3570	* 312A	-.5400	326E	-.1465
* 112A	-.4923	157C	.1220	* 212A	-.4545	253C	.3406	* 311A	-.5425	329E	-.0720
* 111A	-.5010	156C	.1767	* 211A	-.4423	252C	.3434	* 310A	-.5993	330E	-.0280
* 110A	-.4798	155C	.3215	* 210A	-.4372	251C	.3270	* 309A	-.5737		
* 109A	-.4457	154C	.3789	* 209A	-.4287	243C	.2723	* 308A	-.5566		
* 108A	-.4628	153C	.4281	* 208A	-.4969	244C	.0119	* 301A	-.6078		
* 101A	-.2836	152C	-.0392	* 201A	-.2580	245C	-.1666	* 302A	.0491		
* 102A	.4842	144C	.7150	* 202A	.6975	246C	-.5045	* 303A	.7743		
* 103A	.7487	145C	.0141	* 203A	.7999	247C	-.5012	* 304A	.6975		
* 104A	.6293	146C	-.3350	* 204A	.6804	248C	-.4166	* 305A	.5525		
* 105A	.4245	147C	-.5993	* 206A	.2795	249C	-.3104	* 307A	-.0106		
* 106A	.2368	148C	-.4766	* 207A	-.1045	250C	-.1689	* 345E	.1211		
* 107A	-.1045	149C	-.3473	* 242B	.3024	264D	.0346	* 344E	.1125		
* 142B	.3762	150C	-.2212	* 241B	.2887	263D	.2969	* 343E	.0881		
* 141B	.3215	151C	-.1164	* 240B	.1767	262D	.3379	* 342E	.0820		
* 140B	.3133	166D	-.0474	* 239B	.1466	261D	.1521	* 341E	.0466		
* 139B	.3051	165D	.2259	* 239B	.0811	256D	.5542	* 340E	-.0158		
* 138B	.2669	164D	.2177	* 237B	-.0023	257D	-.1152	* 339E	-.0585		
* 137B	.1384	158D	.7236	* 236B	-.0805	258D	-.2770	* 338E	-.1038		
* 136B	.0865	159D	.2484	* 235B	-.3604	259D	-.2112	* 337E	-.1856		
* 135B	.0619	160D	-.2089	* 234B	-.5242	260D	-.1074	* 336E	-.3470		
* 134B	-.3479	161D	-.0985	* 233B	-.5339			* 335E	-.5498		
* 133B	-.5993	162D	-.0996	* 232B	-.5058			* 334E	-.6671		
* 132B	-.5420			* 231B	-.5083			* 333E	-.6231		
* 131B	-.5256			* 230B	-.5498			* 332E	-.6219		
* 130B	-.5226			* 215B	-.5804			* 331E	-.6464		
* 115B	-.5146			* 216B	-.5396			* 314E	-.6500		
* 116B	-.4884			* 217B	-.6334			* 315E	-.6419		
* 117B	-.4543			* 218B	-.8296			* 316E	-.6419		
* 118B	-.8126			* 219B	-.8723			* 317E	-.6249		
* 119B	-1.2306			* 220B	-.9832			* 318E	-.6505		
* 120B	-1.2050			* 222B	-.6473			* 319E	-.6761		
* 121B	-.8682			* 223B	-.5926			* 320E	-.5652		
* 122B	-.6808			* 224B	-.5558			* 321E	-.4704		
* 123B	-.6027			* 225B	-.5291			* 322E	-.4411		
* 124B	-.5614			* 226B	-.5781			* 323E	-.4142		
* 125B	-.5140			* 227B	-.5157			* 324E	-.3799		
* 126B	-.4454			* 228B	-.4878			* 325E	-.3824		
* 127B	-.4041			* 229B	-.4354			* 326E	-.3372		

TABLE 137 .- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = 4.205 DEGREES AND OINF = 2.89 KN/SQM ( 60.32 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.0708	128B	-.4097	214A	-.3368	255C	.2740	313A	-.4555	327E	-.2878
113A	-.0544	129B	-.3728	213A	-.4004	254C	.4136	312A	-.5339	328E	-.1997
112A	-.4157	157C	.1508	212A	-.4249	253C	.4109	311A	-.5228	329E	-.1605
111A	-.2871	156C	.2028	211A	-.3992	252C	.4273	310A	-.6359	330E	-.1128
110A	-.6018	155C	.3506	210A	-.5505	251C	.3780	309A	-.6616		
109A	-.6530	154C	.4081	209A	-.5761	242C	.6736	308A	-.6616		
108A	-.6616	153C	.4601	208A	-.6189	244C	.0931	301A	-.7129		
101A	.0904	152C	-.0134	201A	-.3796	245C	-.1236	302A	.4920		
102A	.7142	144C	.7064	202A	.7142	246C	-.6063	303A	.7740		
103A	.6715	145C	.0115	203A	.5519	247C	-.5705	304A	.4835		
104A	.3724	146C	-.2990	204A	.2955	248C	-.4655	305A	.3126		
105A	.0990	147C	-.5851	205A	-.0976	249C	-.3471	307A	-.2941		
106A	-.1147	148C	-.4655	207A	-.4992	250C	-.2253	345E	.2251		
107A	-.4052	149C	-.3381	242B	.4683	264D	-.0188	344E	.2593		
142B	.4765	150C	-.2287	241B	.3069	263D	.2986	343E	.2569		
141B	.3616	151C	-.1270	240B	.2713	262D	.3424	342E	.2471		
140B	.3725	166D	-.0654	239B	.2549	261D	.0468	341E	.1859		
139B	.3589	165D	.2384	238B	.2028	256D	.7713	340E	.1149		
136B	.3151	164D	.2521	237B	.0990	257D	-.1739	339E	.0476		
137B	.1782	158D	.7500	236B	.1222	258D	-.3560	338E	-.0210		
136B	.0687	159D	.2663	235B	.2030	259D	-.2856	337E	.0096		
135B	.0906	160D	-.1726	234B	.3830	260D	-.1717	336E	.1173		
134B	.2494	161D	-.0901	233B	.5433			335E	.3242		
133B	.5203	162D	-.1125	232B	-.4102			334E	.5103		
132B	-.4923			231B	-.6416			333E	-.4163		
131B	-.6620			230B	-1.1740			332E	-.7285		
120B	-.8290			215B	-1.2548			331E	-1.1079		
115B	-.6456			216B	-1.0803			314E	-1.3172		
116B	-.6445			217B	-1.4563			315E	-1.0718		
117B	-1.1829			218B	-1.5845			316E	-1.1230		
118B	-1.7468			219B	-1.5247			317E	-1.2256		
119B	-1.8579			220B	-1.6956			318E	-1.1999		
120B	-1.6785			222B	-.9135			319E	-1.2512		
121B	-1.2152			223B	-.8286			320E	-.8923		
122B	-.9448			224B	-.7560			321E	-.7689		
123B	-.8018			225B	-.6856			322E	-.6697		
124B	-.7124			226B	-.6811			323E	-.5963		
125B	-.6297			227B	-.5884			324E	-.4971		
126B	-.5203			228B	-.5426			325E	-.4469		
127B	-.4588			229B	-.4812			326E	-.3747		

TABLE 13B .- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = 8.387 DEGREEES AND QINF = 2.88 KN/SQM ( 60.20 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.2431	128B	-.4159	* 214A	-.5284	255C	.2972	* 313A	-.5811	327E	-.3125
* 113A	-.3555	129B	-.3711	* 213A	-.5503	254C	.4371	* 312A	-.5726	328E	-.2500
* 112A	-.4213	157C	.1573	* 212A	-.5762	253C	.4453	* 311A	-.5493	329E	-.2267
* 111A	-.3884	156C	.2177	* 211A	-.5578	252C	.4700	* 310A	-.5280	330E	-.2009
* 110A	-.3995	155C	.3740	* 210A	-.4937	251C	.4069	* 309A	-.5622		
* 109A	-.4167	154C	.4371	* 209A	-.5365	243C	.7552	* 308A	-.4766		
* 108A	-.0228	153C	.4864	* 208A	.1142	244C	-.1528	* 301A	-.0056		
* 101A	.5595	152C	.0065	* 201A	.1228	245C	-.1069	* 302A	.7393		
* 102A	.6537	144C	.8073	* 202A	.4976	246C	-.6835	* 303A	.3540		
* 103A	.2940	145C	.0364	* 203A	.0543	247C	-.6219	* 304A	-.0313		
* 104A	-.1084	146C	-.3174	* 204A	-.1598	248C	-.4943	* 305A	-.1683		
* 105A	-.3567	147C	-.6118	* 206A	-.5537	249C	-.3566	* 307A	-.7677		
* 106A	-.5194	148C	-.4685	* 207A	-.9561	250C	-.2267	* 345E	.2455		
* 107A	-.7592	149C	-.3252	* 242B	.5906	264D	-.0209	* 344E	.2897		
* 142B	.5111	150C	-.2233	* 241B	.3520	263D	.3356	* 343E	.2850		
* 141B	.3849	151C	-.1315	* 240B	.3136	262D	.3877	* 342E	.2676		
* 140B	.4041	160D	-.0646	* 239B	.2972	261D	.1162	* 341E	.2087		
* 139B	.3939	165D	.2506	* 238B	.2506	256D	.8178	* 340E	.1401		
* 138B	.3603	154D	.2698	* 237B	.1646	257D	-.1651	* 339E	.0861		
* 137B	.2314	158D	.7685	* 236B	.1952	258D	-.3689	* 338E	.0444		
* 136B	.1601	159D	.2704	* 235B	.2713	259D	-.2972	* 337E	.0738		
* 135B	.1930	160D	-.1618	* 234B	.4038	260D	-.1819	* 336E	.1940		
* 134B	.3136	161D	-.0912	* 233B	.5718			* 335E	.3363		
* 133B	.6153	162D	-.1259	* 232B	.7754			* 334E	.5031		
* 132B	.5138			* 231B	.4700			* 333E	.7594		
* 131B	-.4433			* 230B	-1.7537			* 332E	.5926		
* 130B	-1.5266			* 215B	-3.5849			* 331E	-.5775		
* 115B	-1.4114			* 216B	-2.1035			* 314E	-3.3114		
* 116B	-1.6503			* 217B	-2.7296			* 315E	-2.3861		
* 117B	-2.1977			* 218B	-2.6344			* 316E	-2.2234		
* 118B	-2.6858			* 219B	-2.3176			* 317E	-2.1720		
* 119B	-2.6601			* 220B	-2.6772			* 318E	-1.9665		
* 120B	-2.3004			* 222B	-1.1861			* 319E	-2.1634		
* 121B	-1.5589			* 223B	-1.0305			* 320E	-1.3072		
* 122B	-1.1436			* 224B	-.9353			* 321E	-.9908		
* 123B	-.9521			* 225B	-.8189			* 322E	-.8448		
* 124B	-.6817			* 226B	-.8021			* 323E	-.7394		
* 125B	-.6924			* 227B	-.6655			* 324E	-.5946		
* 126B	-.5536			* 228B	-.6040			* 325E	-.5125		
* 127B	-.4767			* 229B	-.5312			* 326E	-.4180		

TABLE 139 .- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = 12.375 DEGREES AND QINF = 2.89 KN/SQM ( 60.35 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0786	128B	-.4001	* 214A	-.2799	255C	.3208	* 313A	-.3362	327E	-.7008
* 113A	-.2728	129B	-.3542	* 213A	-.3974	254C	.4630	* 312A	-.3411	328E	-.6102
* 112A	-.3440	157C	.1913	* 212A	-.4059	253C	.4794	* 311A	-.3166	329E	-.5589
* 111A	-.2838	156C	.2360	* 211A	-.3705	252C	.5095	* 310A	-.1142	330E	-.4084
* 110A	-.1655	155C	.3946	* 210A	-.0459	251C	.4576	* 309A	.0310		
* 109A	.1249	154C	.4603	* 209A	.1506	243C	.7557	* 308A	.3555		
* 108A	.4751	153C	.5095	* 208A	.6286	244C	.1672	* 301A	.6716		
* 101A	.6972	152C	.0253	* 201A	.5093	245C	-.1165	* 302A	.4580		
* 102A	.1933	144C	.8186	* 202A	-.2850	246C	-.7262	* 303A	-.4302		
* 103A	-.3962	145C	.0667	* 203A	-1.0379	247C	-.6569	* 304A	-.7462		
* 104A	-.8231	146C	-.2662	* 204A	-1.0196	248C	-.5185	* 305A	-.7804		
* 105A	-.9854	147C	-.5966	* 206A	-1.0879	249C	-.3766	* 307A	-1.2672		
* 106A	-1.0964	148C	-.4392	* 207A	-1.4979	250C	-.2460	* 345E	.1593		
* 107A	-1.2758	149C	-.3018	* 242B	.6436	264D	-.0047	* 344E	.2302		
* 142B	.5369	150C	-.2080	* 241B	.4028	263D	.3618	* 343E	.2437		
* 141B	.4165	151C	-.1265	* 240B	.3427	262D	.4165	* 342E	.2449		
* 140B	.4329	166D	-.0649	* 239B	.3427	261D	.1840	* 341E	.1935		
* 139B	.4247	165D	.2633	* 238B	.3126	256D	.8048	* 340E	.1422		
* 138B	.3946	164D	.2934	* 237B	.2633	257D	-.1578	* 339E	.1140		
* 137B	.2743	158D	.7691	* 236B	.3098	258D	-.3656	* 338E	.0908		
* 136B	.2387	159D	.2788	* 235B	.3856	259D	-.3096	* 337E	.1532		
* 135B	.2852	160D	-.1343	* 234B	.5129	260D	-.1879	* 336E	.2829		
* 134B	.4193	161D	-.0718	* 233B	.6584			* 335E	.4297		
* 133B	.6299	162D	-.1254	* 232B	.7845			* 334E	.5752		
* 132B	.7010			* 231B	.5104			* 333E	.7661		
* 131B	.0636			* 230B	-1.5143			* 332E	.6462		
* 130B	-1.5284			* 215B	-3.8474			* 331E	-.2151		
* 115B	-1.8813			* 216B	-2.9498			* 314E	-3.3886		
* 116B	-1.5576			* 217B	-3.9064			* 315E	-3.0267		
* 117B	-3.0523			* 218B	-3.5819			* 316E	-3.0182		
* 118B	-3.6246			* 219B	-3.0182			* 317E	-2.9071		
* 119B	-3.4196			* 220B	-3.3598			* 318E	-2.4374		
* 120B	-2.8388			* 222B	-1.4643			* 319E	-2.5313		
* 121B	-1.8774			* 223B	-1.2331			* 320E	-1.4722		
* 122B	-1.3303			* 224B	-1.0935			* 321E	-1.0372		
* 123B	-1.0511			* 225B	-.9394			* 322E	-.8623		
* 124B	-.8791			* 226B	-.8981			* 323E	-.8158		
* 125B	-.7128			* 227B	-.7329			* 324E	-.7778		
* 126B	-.5464			* 228B	-.6569			* 325E	-.7656		
* 127B	-.4604			* 229B	-.5721			* 326E	-.7350		



TABLE 140 .- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = 14.405 DEGREES AND QINF = 2.89 KN/SQM ( 60.46 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1261	128B	-.5573	* 214A	-.1240	255C	.3299	* 313A	-.2108	327E	-.8446
* 113A	-.1971	129B	-.5651	* 213A	-.3292	254C	.4664	* 312A	-.2279	328E	-.7811
* 112A	-.2681	157C	.0541	* 212A	-.3231	253C	.4801	* 311A	-.2156	329E	-.7139
* 111A	-.1917	156C	.1386	* 211A	-.2975	252C	.5129	* 310A	.0665	330E	-.5576
* 110A	-.0699	155C	.3272	* 210A	.1347	251C	.4664	* 309A	.2456		
* 109A	.1859	154C	.4118	* 209A	.4076	243C	.7559	* 308A	.6122		
* 108A	.5269	153C	.4692	* 208A	.7827	244C	.1851	* 301A	.7657		
* 101A	.6378	152C	.0131	* 201A	.5440	245C	-.0980	* 302A	.0154		
* 102A	.6239	144C	.7996	* 202A	-.9907	246C	-.7200	* 303A	-1.0418		
* 103A	-.5644	145C	-.0200	* 203A	-1.4340	247C	-.6487	* 304A	-1.1953		
* 104A	-.9566	146C	-.4804	* 204A	-1.3829	248C	-.5004	* 305A	-1.0845		
* 105A	-1.0248	147C	-.8337	* 206A	-1.3573	249C	-.3678	* 307A	-1.5193		
* 106A	-1.1442	148C	-.6520	* 207A	-1.7590	250C	-.2396	* 345E	.1190		
* 107A	-1.2379	149C	-.5328	* 242B	.6658	264D	-.0005	* 344E	.2020		
* 142B	.5293	150C	-.4436	* 241B	.4173	263D	.3818	* 343E	.2118		
* 141B	.3955	151C	-.3812	* 240B	.3600	262D	.4337	* 342E	.2142		
* 140B	.4119	166D	-.2381	* 239B	.3627	261D	.2016	* 341E	.1727		
* 139B	.4091	165D	.1825	* 238B	.3436	256D	.8127	* 340E	.1251		
* 138B	.3873	164D	.2207	* 237B	.3010	257D	-.1437	* 339E	.1080		
* 137B	.3108	156D	.7280	* 236B	.3437	258D	-.3801	* 338E	.0921		
* 136B	.2480	159D	.1517	* 235B	.4292	259D	-.3043	* 337E	.1727		
* 135B	.3026	160D	-.5060	* 234B	.5562	260D	-.1928	* 336E	.3071		
* 134B	.4200	161D	-.1515	* 233B	.6844			* 335E	.4585		
* 133B	.6385	162D	-.3444	* 232B	.7821			* 334E	.6038		
* 132B	.6986			* 231B	.5061			* 333E	.7675		
* 131B	.1579			* 230B	-1.4198			* 332E	.6417		
* 130B	-1.3003			* 215B	-3.7182			* 331E	-.1570		
* 115B	-1.6663			* 216B	-3.2586			* 314E	-3.3934		
* 116B	-1.4937			* 217B	-4.3755			* 315E	-3.2501		
* 117B	-2.8664			* 218B	-3.9407			* 316E	-3.3183		
* 118B	-3.2927			* 219B	-3.2586			* 317E	-3.1819		
* 119B	-3.0114			* 220B	-3.5911			* 318E	-2.6021		
* 120B	-2.4827			* 222B	-1.5371			* 319E	-2.5595		
* 121B	-1.6452			* 223B	-1.2863			* 320F	-1.4511		
* 122B	-1.1626			* 224B	-1.1347			* 321F	-1.0021		
* 123B	-.9385			* 225B	-.9675			* 322E	-.8495		
* 124B	-.8048			* 226B	-.9062			* 323E	-.8788		
* 125B	-.6732			* 227B	-.7356			* 324E	-.8092		
* 126B	-.5785			* 228B	-.6509			* 325E	-.8348		
* 127B	-.5707			* 229B	-.5629			* 326E	-.8348		

TABLE 141 .- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = 16.463 DEGREES AND QINF = 2.89 KN/SQM ( 60.36 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.0496	128B	-.5724	* 214A	.1393	255C	.3477	* 313A	-.0785	327E	-.6797
* 113A	-.1146	129B	-.5802	* 213A	-.2106	254C	.4845	* 312A	-.1201	328E	-.8198
* 112A	-.2185	157C	.0496	* 212A	-.2387	253C	.5091	* 311A	-.1066	329E	-.7794
* 111A	-.1222	156C	.1398	* 211A	-.1543	252C	.5310	* 310A	.2441	330E	-.5715
* 110A	.0733	155C	.3422	* 210A	.3551	251C	.5009	* 309A	.4576		
* 109A	.3722	154C	.4243	* 209A	.6284	243C	.7560	* 308A	.7480		
* 108A	.6455	153C	.4899	* 208A	.7480	244C	.2002	* 301A	.7480		
* 107A	.5601	152C	.0386	* 201A	.5772	245C	-.0845	* 302A	-.6441		
* 105A	-.2256	144C	.8016	* 202A	-1.8227	246C	-.7198	* 303A	-1.7202		
* 103A	-.9174	145C	-.0242	* 203A	-2.1131	247C	-.6439	* 304A	-1.6348		
* 104A	-1.3017	146C	-.4876	* 204A	-1.9166	248C	-.4954	* 305A	-1.4213		
* 105A	-1.3017	147C	-.8817	* 206A	-1.6690	249C	-.3647	* 307A	-1.7287		
* 106A	-1.3359	148C	-.6630	* 207A	-2.0789	250C	-.2475	* 345E	.0904		
* 107A	-1.3957	149C	-.5590	* 2423	.7006	264D	.0031	* 344E	.1846		
* 142B	.5419	150C	-.4842	* 2418	.4653	263D	.3860	* 343E	.1992		
* 141B	.4079	151C	-.3938	* 240B	.3942	262D	.4462	* 342E	.2090		
* 140B	.4298	166D	-.2650	* 239B	.3915	261D	.2301	* 341E	.1723		
* 139B	.4243	165D	.1808	* 238B	.3905	256D	.7965	* 340E	.1344		
* 136B	.3997	164D	.2246	* 237B	.3436	257D	-.1414	* 339E	.1295		
* 137B	.3313	158D	.7206	* 236B	.3962	258D	-.3837	* 338E	.1222		
* 136B	.2821	159D	.1623	* 235B	.4806	259D	-.3078	* 337E	.2078		
* 135B	.3395	160D	-.4820	* 234B	.5980	260D	-.1961	* 336E	.3534		
* 134B	.4571	161D	-.1615	* 233B	.7130			* 335E	.5002		
* 133B	.6595	162D	-.3781	* 232B	.7766			* 334E	.6372		
* 132B	.7060			* 231B	.5026			* 333E	.7681		
* 131B	.2492			* 230B	-1.3346			* 332E	.6347		
* 130B	-1.1595			* 215B	-3.6946			* 331E	-.1103		
* 115B	-1.6518			* 216B	-3.6760			* 314E	-3.3704		
* 116B	-1.6604			* 217B	-4.8802			* 315E	-3.4112		
* 117B	-3.1033			* 218B	-4.5215			* 316E	-3.6418		
* 118B	-3.5649			* 219B	-3.5906			* 317E	-3.4112		
* 119B	-3.1906			* 220B	-3.9407			* 318E	-2.7963		
* 120B	-2.5315			* 222B	-1.6310			* 319E	-2.6426		
* 121B	-1.6634			* 223B	-1.3663			* 320E	-1.4555		
* 122B	-1.1767			* 224B	-1.1921			* 321E	-.9739		
* 123B	-.9521			* 225B	-1.0023			* 322E	-.8687		
* 1243	-.8047			* 226B	-.9130			* 323E	-.8846		
* 125B	-.6595			* 227B	-.7343			* 324E	-.8308		
* 126B	-.5780			* 226B	-.6528			* 325E	-.8626		
* 127B	-.5691			* 229B	-.5624			* 326E	-.8773		

TABLE 142.- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = 20.373 DEGREES AND QINF = 2.90 KN/SQM ( 60.55 LB/SQFT )

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* WING STATION A * WING STATION B * WING STATION C *
* TAP ID CP TAP ID CP * TAP ID CP TAP ID CP * TAP ID CP TAP ID CP *
* 114A .2917 128B -.6362 * 214A .4802 255C .2971 * 313A .1558 327E -.9051 *
* 113A .0026 129B -.6529 * 213A -.0527 254C .4607 * 312A .0692 328E -.8405 *
* 112A -.1419 157C .0381 * 212A -.1442 253C .4907 * 311A .0973 329E -.7917 *
* 111A -.0355 156C .1226 * 211A -.0137 252C .5262 * 310A .4585 330E -.5771 *
* 110A .2712 155C .3360 * 210A .5521 251C .4934 * 309A .6628 *
* 109A .5606 154C .4307 * 209A .7735 243C .7661 * 308A .7820 *
* 108A .6713 153C .4962 * 208A .4585 244C .1630 * 301A .4585 *
* 101A .1775 152C .0354 * 201A -.1460 245C -.1197 * 302A -1.8146 *
* 102A -1.0484 144C .7988 * 202A -3.3044 246C -.7965 * 303A -2.7851 *
* 103A -1.6869 145C -.0407 * 203A -3.2023 247C -.7308 * 304A -2.3169 *
* 104A -1.9168 146C -.5583 * 204A -2.7681 248C -.5839 * 305A -2.0019 *
* 105A -1.7720 147C -.9757 * 206A -2.0615 249C -.4915 * 307A -1.9508 *
* 106A -1.7635 148C -.7776 * 207A -2.3935 250C -.4125 * 345E .0912 *
* 107A -1.7380 149C -.6329 * 242B .7061 264D -.1637 * 344E .1936 *
* 142B .5561 150C -.5527 * 241B .4634 263D .3462 * 343E .2070 *
* 141B .4171 151C -.4937 * 240B .3789 262D .3980 * 342E .2168 *
* 140B .4334 166D -.3218 * 239B .3816 261D .1880 * 341E .1814 *
* 139B .4307 165D .1635 * 238B .3871 256D .7696 * 340E .1485 *
* 138B .4144 164D .2153 * 237B .3570 257D -.2745 * 339E .1558 *
* 137B .3544 158D .6939 * 236B .4241 258D -.5739 * 338E .1631 *
* 136B .3271 159D .1407 * 235B .5192 259D -.4848 * 337E .2643 *
* 135B .4116 160D -.7119 * 234B .6363 260D -.4069 * 336E .3997 *
* 134B .5262 161D -.1621 * 233B .7411 * 335E .5411 *
* 133B .6870 162D -.4570 * 232B .7667 * 334E .6655 *
* 132B .7034 * 231B .4997 * 333E .7619 *
* 131B .3407 * 230B -1.1941 * 332E .6314 *
* 130B -.9681 * 215B -3.6025 * 331E -.0222 *
* 115B -1.6007 * 216B -4.0196 * 314E -3.0855 *
* 116B -1.8657 * 217B -5.2114 * 315E -3.4406 *
* 117B -3.5598 * 218B -4.7262 * 316E -3.7727 *
* 118B -3.9259 * 219B -4.0366 * 317E -3.5088 *
* 119B -3.5173 * 220B -3.9344 * 318E -2.7085 *
* 120B -2.6915 * 222B -1.4955 * 319E -2.3850 *
* 121B -1.6780 * 223B -1.2261 * 320E -1.3634 *
* 122B -1.1600 * 224B -1.0558 * 321E -.9783 *
* 123B -.9612 * 225B -.8710 * 322E -.9076 *
* 124B -.8054 * 226B -.7742 * 323E -.9307 *
* 125B -.6763 * 227B -.6662 * 324E -.8844 *
* 126B -.6173 * 228B -.6362 * 325E -.8966 *
* 127B -.6262 * 229B -.6184 * 326E -.9100 *
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TABLE 143 .- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = 24.599 DEGREES AND QINF = 2.89 KN/SQM ( 60.42 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5378	128B	-.7076	* 214A	.5917	255C	.2317	* 313A	.3619	327E	-.7794
* 113A	.1962	129B	-.7120	* 213A	.2116	254C	.4285	* 312A	.1921	328E	-.7598
* 112A	-.1235	157C	.0377	* 212A	.0833	253C	.4722	* 311A	.2214	329E	-.7329
* 111A	.0514	156C	.1334	* 211A	.1689	252C	.5132	* 310A	.5416	330E	-.5961
* 110A	.4939	155C	.3438	* 210A	.6439	251C	.4858	* 309A	.7122		
* 109A	.6866	154C	.4339	* 209A	.7634	243C	.7399	* 308A	.6525		
* 108A	.5160	153C	.4995	* 208A	-.0471	244C	.1379	* 301A	.0212		
* 101A	-.4992	152C	.0487	* 201A	-1.1546	245C	-.1856	* 302A	-3.0328		
* 102A	-2.0433	144C	.7809	* 202A	-4.2271	246C	-.9340	* 303A	-3.8006		
* 103A	-2.6489	145C	-.0529	* 203A	-3.8774	247C	-.9117	* 304A	-3.0755		
* 104A	-2.7854	146C	-.6061	* 204A	-3.3655	248C	-.7466	* 305A	-2.1456		
* 105A	-2.4527	147C	-1.0555	* 206A	-2.1286	249C	-.6886	* 307A	-2.1542		
* 106A	-2.2053	148C	-.8470	* 207A	-2.2565	250C	-.6250	* 345E	.1273		
* 107A	-2.0433	149C	-.6886	* 242B	.6880	264D	-.3557	* 344E	.2300		
* 142B	.5760	150C	-.5905	* 241B	.4995	263D	.2809	* 343E	.2410		
* 141B	.4203	151C	-.5113	* 240B	.3711	262D	.3274	* 342E	.2471		
* 140B	.4339	166D	-.3120	* 239B	.3902	261D	.1143	* 341E	.2031		
* 139B	.4285	165D	.1798	* 238B	.3929	256D	.7424	* 340E	.1676		
* 138B	.4175	164D	.2263	* 237B	.3815	257D	-.4443	* 339E	.1762		
* 137B	.3602	158D	.6899	* 236B	.4572	258D	-.8180	* 338E	.1909		
* 136B	.3711	159D	.1367	* 235B	.5513	259D	-.7321	* 337E	.2959		
* 135B	.4531	160D	-.6786	* 234B	.6625	260D	-.5893	* 336E	.4377		
* 134B	.5787	161D	-.1711	* 233B	.7530			* 335E	.5746		
* 133B	.7017	162D	-.4655	* 232B	.7688			* 334E	.6858		
* 132B	.6798			* 231B	.5379			* 333E	.7493		
* 131B	.3738			* 230B	-.8881			* 332E	.6088		
* 130B	-.7792			* 215B	-3.1451			* 331E	-.0047		
* 115B	-1.5032			* 216B	-3.8433			* 314E	-2.9117		
* 116B	-2.0689			* 217B	-4.5769			* 315E	-3.4935		
* 117B	-3.9797			* 218B	-4.0906			* 316E	-3.8859		
* 118B	-4.4063			* 219B	-2.9305			* 317E	-3.3741		
* 119B	-3.9286			* 220B	-2.9305			* 318E	-2.3674		
* 120B	-2.8793			* 222B	-1.1503			* 319E	-1.9068		
* 121B	-1.7872			* 223B	-1.0187			* 320E	-1.1816		
* 122B	-1.2162			* 224B	-.9574			* 321E	-1.0274		
* 123B	-.9697			* 225B	-.9083			* 322E	-.9407		
* 124B	-.8247			* 226B	-.8782			* 323E	-.8710		
* 125B	-.6975			* 227B	-.7946			* 324E	-.8197		
* 126B	-.6685			* 228B	-.7678			* 325E	-.8136		
* 127B	-.6630			* 229B	-.7466			* 326E	-.7843		

TABLE 144.- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = 28.490 DEGREES AND QINF = 2.90 KN/SQM ( 60.48 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5616	128B	-.6231	* 214A	.6129	255C	.2285	* 313A	.4969	327E	-.7326
* 113A	.5589	129B	-.8766	* 213A	.4212	254C	.4278	* 312A	.3589	328E	-.7179
* 112A	-.0226	157C	-.0062	* 212A	.2661	253C	.4742	* 311A	.3772	329E	-.6935
* 111A	.1521	156C	.1002	* 211A	.3003	252C	.5234	* 310A	.6943	330E	-.5971
* 110A	.6176	155C	.3323	* 210A	.7198	251C	.4988	* 309A	.7625		
* 109A	.6772	154C	.4306	* 209A	.6772	243C	.7309	* 308A	.4471		
* 108A	.1829	153C	.5015	* 208A	-.6099	244C	.1352	* 301A	-.5672		
* 101A	-1.3599	152C	.0757	* 201A	-2.3146	245C	-.2125	* 302A	-4.4796		
* 102A	-3.3289	144C	.7745	* 202A	-5.4343	246C	-.9680	* 303A	-4.6160		
* 103A	-3.7125	145C	-.0966	* 203A	-4.6927	247C	-.9602	* 304A	-3.6443		
* 104A	-3.5761	146C	-.7028	* 204A	-3.3886	248C	-.8332	* 305A	-2.3146		
* 105A	-2.9198	147C	-1.2154	* 206A	-2.2294	249C	-.7663	* 307A	-2.1271		
* 106A	-2.5192	148C	-.9992	* 207A	-2.3402	250C	-.6883	* 345E	.1416		
* 107A	-2.3657	149C	-.8399	* 242B	.6763	264D	-.3857	* 344E	.2368		
* 142B	.5944	150C	-.7908	* 241B	.5643	263D	.2866	* 343E	.2551		
* 141B	.4442	151C	-.6994	* 240B	.4087	262D	.3377	* 342E	.2588		
* 140B	.4415	166D	-.4376	* 239B	.4169	261D	.1303	* 341E	.2234		
* 139B	.4442	165D	.1330	* 238B	.4251	256D	.7248	* 340E	.1929		
* 138B	.4386	164D	.2040	* 237B	.4114	257D	-.4755	* 339E	.2185		
* 137B	.3842	158D	.6401	* 236B	.5018	258D	-.9101	* 338E	.2368		
* 136B	.4169	159D	.0561	* 235B	.5921	259D	-.8053	* 337E	.3443		
* 135B	.5207	160D	-.8978	* 234B	.6935	260D	-.6794	* 336E	.4908		
* 134B	.6408	161D	-.2281	* 233B	.7643			* 335E	.6153		
* 133B	.7500	162D	-.6772	* 232B	.7472			* 334E	.7032		
* 132B	.7090			* 231B	.5469			* 333E	.7423		
* 131B	.4306			* 230B	-.7094			* 332E	.6129		
* 130B	-.6014			* 215B	-2.8973			* 331E	.1111		
* 115B	-1.4613			* 216B	-3.6358			* 314E	-2.4993		
* 116B	-2.3572			* 217B	-4.5137			* 315E	-3.0988		
* 117B	-4.5222			* 218B	-3.7295			* 316E	-3.4141		
* 118B	-4.8035			* 219B	-2.5192			* 317E	-2.8772		
* 119B	-4.2836			* 220B	-2.1867			* 318E	-1.7606		
* 120B	-3.0135			* 222B	-1.0170			* 319E	-1.2747		
* 121B	-1.7904			* 223B	-.9780			* 320E	-.9934		
* 122B	-1.1564			* 224B	-.9324			* 321E	-.9988		
* 123B	-.8744			* 225B	-.6766			* 322E	-.9646		
* 124B	-.7418			* 226B	-.8744			* 323E	-.8571		
* 125B	-.7306			* 227B	-.8120			* 324E	-.7863		
* 126B	-.7630			* 228B	-.8131			* 325E	-.7692		
* 127E	-.7931			* 229B	-.7841			* 326E	-.7497		

TABLE 14S.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 70

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.847	-.14740	.11730	.07221	.01694	-.14298	-.06057	.01698	.00762	-.15402	-.18624
.117	-.10992	.50068	.09557	.02908	-.12879	.38154	.13622	.04760	-.13241	.15564
4.205	-.05932	.88444	.09897	.03022	-.08261	.90733	.15624	.05323	-.11405	.66257
6.387	-.03073	1.17309	.10291	.03183	-.04097	1.32983	.16737	.05859	-.06899	1.04974
12.375	.05694	1.39711	.10311	.03213	.09391	1.64391	.17867	.06313	.04896	1.33634
14.405	.07301	1.32613	.12840	.04423	.15746	1.74313	.17720	.06491	.11693	1.41567
16.463	.11852	1.37712	.13485	.04503	.24487	1.87913	.18083	.06638	.18987	1.47965
20.373	.20516	1.46477	.14682	.05167	.37238	1.86179	.19504	.08130	.30736	1.51165
24.599	.31194	1.56476	.15520	.05243	.44859	1.68496	.22113	.09429	.39322	1.44236
28.490	.40949	1.64954	.17835	.06394	.50164	1.59358	.23342	.10425	.47089	1.35029

TABLE 146.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 70

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.847	-.01967	-.04393	.00075	.00225	-.00562	.00501	-.00562	-.00208	-.01417	-.01158
.117	-.00322	-.05970	.00537	.00318	.00014	-.04670	.00910	.00150	-.00961	-.05226
4.205	-.00007	-.08147	.00547	.00340	.00084	-.08171	.01494	.00234	-.00601	-.06561
8.387	.03151	-.13965	.00609	.00352	.02882	-.15873	.01649	.00256	.01704	-.15572
12.375	.05620	-.19253	.00621	.00356	.04794	-.20818	.01717	.00253	.04393	-.17339
14.405	.05314	-.16838	.00869	.00257	.04965	-.22530	.01721	.00266	.04863	-.17785
16.463	.05763	-.18020	.00907	.00269	.04717	-.25048	.01761	.00259	.04829	-.18811
20.373	.05529	-.19634	.00987	.00223	.02592	-.26887	.02120	.00241	.03802	-.18412
24.599	.04514	-.21327	.00993	.00225	-.00794	-.22128	.02567	.00180	.01978	-.18294
28.490	.01947	-.23255	.01208	.00171	-.04802	-.20230	.02746	.00185	-.00571	-.15055

TABLE 147.- PITCHING-MOMENT COEFFICIENT FOR RUN 70

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.847	.00971	-.10320	-.00509	-.00076	.01010	.00335	-.00205	-.00032	.01158	.04670
.117	.00666	-.24397	-.00654	-.00107	.00858	-.19526	-.01361	-.00251	.00928	-.10251
4.205	.00215	-.33978	-.00687	-.00113	.00446	-.34039	-.01545	-.00285	.00711	-.25629
8.387	.00036	-.40375	-.00709	-.00122	.00161	-.43284	-.01647	-.00312	.00351	-.33174
12.375	-.00531	-.44914	-.00715	-.00125	-.00723	-.51371	-.01754	-.00335	-.00476	-.45263
14.405	-.00596	-.44420	-.00901	-.00176	-.01150	-.53612	-.01741	-.00348	-.00918	-.48962
16.463	-.00886	-.45577	-.00946	-.00184	-.01740	-.56795	-.01778	-.00355	-.01380	-.50949
20.373	-.01414	-.48090	-.01036	-.00209	-.02560	-.54330	-.01941	-.00444	-.02129	-.52917
24.599	-.02047	-.50812	-.01092	-.00217	-.02981	-.53210	-.02227	-.00503	-.02599	-.50389
28.490	-.02551	-.53603	-.01276	-.00275	-.03213	-.52474	-.02367	-.00565	-.02986	-.49129



TABLE 148.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 70 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.89 (60.45)	-5.93	-.1314	.1444	-.2030	.0032	.0021	-.0078
.204	2.89 (60.38)	-3.85	.0073	.1172	-.1525	.0003	.0015	-.0024
.204	2.89 (60.36)	-1.80	.1960	.0927	-.1284	.0019	.0013	-.0027
.204	2.89 (60.37)	.12	.4442	.0768	-.1208	.0033	.0016	-.0004
.204	2.89 (60.43)	2.21	.7157	.0716	-.1320	.0031	.0015	-.0013
.204	2.89 (60.27)	4.21	.9492	.0800	-.1054	.0024	.0020	.0009
.204	2.88 (60.24)	6.38	1.1774	.0915	-.0895	.0015	.0016	.0013
.203	2.88 (60.15)	8.39	1.3853	.1109	-.0709	.0019	.0019	.0033
.203	2.88 (60.18)	10.33	1.5725	.1305	-.0491	.0019	.0021	.0024
.204	2.89 (60.30)	12.38	1.7649	.1606	-.0079	.0036	.0040	.0042
.204	2.90 (60.50)	13.46	1.7870	.1903	-.0325	-.0018	.0027	.0088
.204	2.89 (60.41)	14.40	1.8650	.2075	-.0118	-.0014	.0034	.0129
.204	2.89 (60.29)	15.49	1.9240	.2260	.0079	-.0027	.0032	.0119
.204	2.89 (60.31)	16.46	1.9978	.2486	.0285	-.0034	.0041	.0142
.204	2.89 (60.27)	17.35	1.9878	.2838	-.0168	.0022	.0046	.0021
.204	2.89 (60.28)	18.50	2.0466	.3129	.0078	-.0007	.0027	.0026
.204	2.90 (60.50)	20.37	2.0952	.3764	.0669	-.0113	-.0025	.0122
.204	2.90 (60.56)	22.52	2.1411	.4423	.1118	-.0169	-.0053	.0097
.204	2.89 (60.37)	24.60	2.1542	.5193	.1737	-.0152	-.0054	.0108
.204	2.89 (60.45)	26.55	2.1175	.5880	.2180	-.0100	-.0029	.0056
.204	2.89 (60.42)	28.49	2.1472	.6609	.2582	-.0068	-.0001	.0047

TABLE 149.- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = -3.943 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.5464	128B	-.5899	* 214A	-.5026	255C	.2030	* 313A	-.5148	327E	-.3436
* 113A	-.5491	129B	-.7964	* 213A	-.5001	254C	.2604	* 312A	-.5160	328E	-.2873
* 112A	-.5956	157C	.1701	* 212A	-.5014	253C	.1319	* 311A	-.5099	329E	-.2042
* 111A	-.5518	156C	.2932	* 211A	-.4989	252C	.0006	* 310A	-.5327	330E	-.1613
* 110A	-.5669	155C	.4108	* 210A	-.5242	251C	-.1498	* 309A	-.5327		
* 109A	-.6437	154C	.4518	* 209A	-.5156	243C	-.5054	* 308A	-.5242		
* 108A	-.5327	153C	.4792	* 208A	-.5071	244C	-.3309	* 301A	-.5242		
* 101A	.2102	152C	-.0787	* 201A	-.3449	245C	-.5274	* 302A	-.2168		
* 102A	.7396	144C	-.1635	* 202A	.4663	246C	-.7228	* 303A	.6627		
* 103A	.5944	145C	-.6792	* 203A	.7652	247C	-.6937	* 304A	.7310		
* 104A	.4066	146C	-1.1883	* 204A	.7310	248C	-.5464	* 305A	.6371		
* 105A	.1760	147C	-1.1291	* 206A	.4236	249C	-.4046	* 307A	.1248		
* 106A	.0308	148C	-.9103	* 207A	.0223	250C	-.2762	* 345E	-.0965		
* 107A	-.1229	149C	-.6870	* 242B	-.0295	264D	.1127	* 344E	-.1442		
* 142B	.1209	150C	-.4906	* 241B	-.0514	263D	.2877	* 343E	-.1271		
* 141B	.2850	151C	-.3722	* 240B	-.0897	262D	.3589	* 342E	-.2066		
* 140B	.2276	166D	.0881	* 239B	-.2811	261D	.3124	* 341E	-.2360		
* 139B	.2139	165D	.3889	* 238B	-.3221	256D	-.0864	* 340E	-.2604		
* 139A	.1619	164D	.4546	* 237B	-.4696	257D	-.3320	* 339E	-.2543		
* 137B	.3151	158D	.1324	* 236B	-.5417	258D	-.2896	* 338E	-.3729		
* 136B	-.0897	159D	.2273	* 235B	-.5564	259D	-.1467	* 337E	-.4402		
* 135B	-.2264	160D	-.5464	* 234B	-.5258	260D	-.0373	* 336E	-.5038		
* 134B	-.3850	161D	-.1623	* 233B	-.5197			* 335E	-.5209		
* 133A	-.4972	162D	-.1367	* 232B	-.5209			* 334E	-.5393		
* 132B	-.5300			* 231B	-.5209			* 333E	-.5307		
* 131B	-.5163			* 230B	-.5185			* 332E	-.5344		
* 130B	-.6257			* 215B	-.5050			* 331E	-.5393		
* 115B	-.7597			* 216B	-.5327			* 314E	-.5344		
* 116B	-.6523			* 217B	-.2766			* 315E	-.5413		
* 117B	.6456			* 218B	-.2766			* 316E	-.5839		
* 118B	-.2766			* 219B	-.5925			* 317E	-.0802		
* 119B	-.7547			* 220B	-.6864			* 318E	-.3876		
* 120B	-.7803			* 222B	-.4604			* 319E	-.3961		
* 121B	-.5665			* 223B	-.4839			* 320E	-.3705		
* 122B	-.5207			* 224B	-.4973			* 321E	-.3460		
* 123B	-.5274			* 225B	-.4883			* 322E	-.3632		
* 124B	-.5196			* 226B	-.6312			* 323E	-.3619		
* 125B	-.5319			* 227B	-.5877			* 324E	-.3546		
* 126B	-.5631			* 228B	-.6268			* 325E	-.3827		
* 127B	-.5508			* 229B	-.6602			* 326E	-.3766		

TABLE 150 .- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = .245 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.2916	128B	-.6799	* 214A	-.3749	255C	.3210	* 313A	-.3847	327E	-.2698
* 113A	-.2861	129B	-.8228	* 213A	-.3554	254C	.4522	* 312A	-.4031	328E	-.1744
* 112A	-.3354	157C	.1788	* 212A	-.3639	253C	.4741	* 311A	-.4153	329E	-.1255
* 111A	-.2889	156C	.3045	* 211A	-.3505	252C	.4796	* 310A	-.5493	330E	-.0949
* 110A	-.3188	155C	.4623	* 210A	-.4298	251C	.5479	* 309A	-.5237		
* 109A	-.3274	154C	.5425	* 209A	-.4469	243C	.3866	* 308A	-.5237		
* 108A	.0825	153C	.6026	* 208A	-.5579	244C	.0915	* 301A	-.6347		
* 101A	.6460	152C	-.0701	* 201A	-.3615	245C	-.4131	* 302A	.2020		
* 102A	.6033	144C	.0885	* 202A	.6972	246C	-.9098	* 303A	.7570		
* 103A	.2020	145C	-.6542	* 203A	.6887	247C	-.8440	* 304A	.6033		
* 104A	-.1737	146C	-1.2425	* 204A	.5179	248C	-.6810	* 305A	.4496		
* 105A	-.2847	147C	-1.1978	* 206A	.1166	249C	-.5002	* 307A	-.1054		
* 106A	-.3359	148C	-.9400	* 207A	-.2847	250C	-.3562	* 345E	.1779		
* 107A	-.3274	149C	-.7134	* 242B	.4960	264D	.0612	* 344E	.1962		
* 142B	.4768	150C	-.5002	* 241B	.3866	263D	.4003	* 343E	.1950		
* 141B	.4030	151C	-.3751	* 240B	.3100	262D	.4632	* 342E	.1717		
* 140B	.3756	166D	.0694	* 239B	.2991	261D	.4549	* 341E	.1216		
* 139B	.3674	165D	.4167	* 238B	.2635	256D	.4431	* 340E	.0690		
* 138B	.3319	164D	.4878	* 237B	.1962	257D	-.4790	* 339E	-.0863		
* 137B	.2745	159D	.2612	* 236B	.2060	258D	-.5158	* 338E	-.0105		
* 136B	.0865	159D	.2511	* 235B	.2121	259D	-.3428	* 337E	.0250		
* 135B	.0475	160D	-.6096	* 234B	.0751	260D	-.1407	* 336E	.0103		
* 134B	.0830	161D	-.1709	* 233B	-.4300			* 335E	-.1878		
* 133B	.0037	162D	-.1541	* 232B	-.5166			* 334E	-.5217		
* 132B	-.3217			* 231B	-.5119			* 333E	-.6122		
* 131B	-.3791			* 230B	-.6807			* 332E	-.6110		
* 130B	-.3381			* 215B	-.7064			* 331E	-.6856		
* 115B	-.3108			* 216B	-.7713			* 314E	-.7370		
* 116B	-.3017			* 217B	-1.0360			* 315E	-.7372		
* 117B	-.3444			* 218B	-1.2068			* 316E	-.7628		
* 119B	-.8055			* 219B	-1.2751			* 317E	-.8994		
* 119B	-1.2751			* 220B	-1.4373			* 318E	-.8994		
* 120B	-1.3776			* 222B	-.8451			* 319E	-.9848		
* 121B	-.9657			* 223B	-.7870			* 320E	-.7457		
* 122B	-.7893			* 224B	-.7469			* 321E	-.6293		
* 123B	-.7201			* 225B	-.7044			* 322E	-.5547		
* 124B	-.6966			* 226B	-.7926			* 323E	-.5095		
* 125B	-.6844			* 227B	-.7413			* 324E	-.4385		
* 126B	-.6643			* 228B	-.7603			* 325E	-.4080		
* 127B	-.6587			* 229B	-.7759			* 326E	-.3505		
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TABLE 151.- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = 4.259 DEGREES AND QINF = 2.89 KN/SQM ( 60.32 LB/SQFT )

WING STATION A			WING STATION B			WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0792	128B	-.7126	* 214A	-.4434	255C	.3670	* 313A	-.4789
* 113A	-.1339	129B	-.8087	* 213A	-.5781	254C	.5367	* 312A	-.6173
* 112A	-.2188	157C	.2191	* 212A	-.5891	253C	.5668	* 311A	-.5879
* 111A	-.1476	156C	.3396	* 211A	-.5438	252C	.6188	* 310A	-.6703
* 110A	-.1576	155C	.5394	* 210A	-.6959	251C	.6680	* 309A	-.6959
* 109A	.1330	154C	.6160	* 209A	-.7814	243C	.6325	* 308A	-.9011
* 108A	.5432	153C	.7091	* 208A	-.4310	244C	.1310	* 301A	-.7045
* 101A	.6885	152C	-.0299	* 201A	-.1661	245C	-.4333	* 302A	.5774
* 102A	.0561	144C	.2219	* 202A	.7483	246C	-1.0199	* 303A	.7398
* 103A	-.4994	145C	-.6612	* 203A	.4492	247C	-.9238	* 304A	.3979
* 104A	-.7985	146C	-1.2634	* 204A	.2014	248C	-.7327	* 305A	.2185
* 105A	-.7558	147C	-1.2132	* 206A	-.2003	249C	-.5283	* 307A	-.4139
* 106A	-.6789	148C	-.9081	* 207A	-.6532	250C	-.3830	* 345E	.2005
* 107A	-.5592	149C	-.6757	* 242B	.6352	264D	.0522	* 344E	.2421
* 142B	.5421	150C	-.4757	* 241B	.4299	263D	.4628	* 343E	.2433
* 141B	.4573	151C	-.3540	* 240B	.3916	262D	.5394	* 342E	.2274
* 140B	.4491	166D	.0440	* 239B	.3752	261D	.5175	* 341E	.1747
* 139B	.4545	165D	.4436	* 238B	.3149	256D	.6025	* 340E	.1135
* 138B	.4135	164D	.5257	* 237B	.2029	257D	-.5439	* 339E	-.1484
* 137B	.3423	158D	.3276	* 236B	.2115	258D	-.6109	* 338E	-.0236
* 136B	.1562	159D	.2785	* 235B	.2604	259D	-.4199	* 337E	-.0003
* 135B	.1398	160D	-.6188	* 234B	.3743	260D	-.1841	* 336E	.1037
* 134B	.2000	161D	-.1674	* 233B	.5628			* 335E	.2580
* 133B	.4491	162D	-.1618	* 232B	.7513			* 334E	.4783
* 132B	.4628			* 231B	-.0554			* 333E	.6938
* 131B	-.1558			* 230B	-2.1646			* 332E	-.2916
* 130B	-.5691			* 215B	-2.3996			* 331E	-1.5048
* 115B	-.3940			* 216B	-1.7984			* 314E	-2.3984
* 116B	-.3114			* 217B	-1.7984			* 315E	-1.4993
* 117B	-.7045			* 218B	-1.9949			* 316E	-1.3967
* 118B	-1.4651			* 219B	-1.8838			* 317E	-1.5078
* 119B	-1.8838			* 220B	-2.2941			* 318E	-1.4224
* 120B	-1.7813			* 222B	-1.1137			* 319E	-1.5847
* 121B	-1.2925			* 223B	-1.0120			* 320E	-.9951
* 122B	-1.0422			* 224B	-.9472			* 321E	-.8278
* 123B	-.9148			* 225B	-.8690			* 322E	-.7115
* 124B	-.8489			* 226B	-.9517			* 323E	-.6234
* 125B	-.7908			* 227B	-.8478			* 324E	-.5071
* 126B	-.7350			* 228B	-.8400			* 325E	-.4385
* 127B	-.7126			* 229B	-.8400			* 326E	-.3602

TABLE 152 .- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = 8.297 DEGREES AND QINF = 2.89 KN/SQM ( 60.35 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0868	128B	-.7284	* 214A	-.4206	255C	.3810	* 313A	-.5405	327E	-.3313
* 113A	-.1032	129B	-.8211	* 213A	-.5197	254C	.5478	* 312A	-.5295	328E	-.2885
* 112A	-.2181	157C	.2278	* 212A	-.5112	253C	.5752	* 311A	-.4940	329E	-.2738
* 111A	-.1251	156C	.3481	* 211A	-.4940	252C	.6299	* 310A	-.4217	330E	-.2506
* 110A	.1164	155C	.5451	* 210A	-.3192	251C	.6655	* 309A	-.4132		
* 109A	.4837	154C	.6244	* 209A	-.2509	243C	.6436	* 308A	-.2850		
* 108A	.7058	153C	.7092	* 208A	.3812	244C	.1549	* 301A	.2018		
* 101A	.2616	152C	-.0020	* 201A	.2872	245C	-.4347	* 302A	.7228		
* 102A	-.9854	144C	.2524	* 202A	.2360	246C	-1.0456	* 303A	.1677		
* 103A	-1.5833	145C	-.6592	* 203A	-.3534	247C	-.9149	* 304A	-.2338		
* 104A	-1.7627	146C	-1.2912	* 204A	-.4900	248C	-.7139	* 305A	-.3619		
* 105A	-1.4552	147C	-1.2533	* 206A	-.7719	249C	-.5017	* 307A	-.9598		
* 106A	-1.2929	148C	-.9317	* 207A	-1.1648	250C	-.3655	* 345E	.1740		
* 107A	-.7890	149C	-.6882	* 242B	.6792	264D	.0500	* 344E	.2278		
* 142B	.5807	150C	-.4783	* 241B	.4658	263D	.4767	* 343E	.2290		
* 141B	.4740	151C	-.3487	* 240B	.4193	262D	.5478	* 342E	.2156		
* 140B	.4795	166D	.0746	* 239B	.4083	261D	.5396	* 341E	.1654		
* 139B	.4795	165D	.4603	* 238B	.3564	256D	.5982	* 340E	.1116		
* 138B	.4494	164D	.5451	* 237B	.2941	257D	-.5107	* 339E	-.1294		
* 137B	.3755	158D	.3336	* 236B	.2975	258D	-.5743	* 338E	.0296		
* 136B	.2360	159D	.3056	* 235B	.3612	259D	-.3856	* 337E	.0712		
* 135B	.2387	160D	-.6100	* 234B	.4688	260D	-.1835	* 336E	.1813		
* 134B	.3126	161D	-.1176	* 233B	.6156			* 335E	.3269		
* 133B	.4713	162D	-.1410	* 232B	.7784			* 334E	.4921		
* 132B	.7120			* 231B	.4933			* 333E	.7368		
* 131B	.7010			* 230B	-1.6490			* 332E	.5838		
* 130B	-.2892			* 215B	-3.9319			* 331E	-.4940		
* 115B	-.9130			* 216B	-2.5314			* 314E	-3.4022		
* 116B	-.5242			* 217B	-3.3001			* 315E	-2.6424		
* 117B	-1.4552			* 218B	-3.1805			* 316E	-2.5058		
* 118B	-2.4289			* 219B	-2.6937			* 317E	-2.4631		
* 119B	-2.6253			* 220B	-3.1891			* 318E	-2.1470		
* 120B	-2.4118			* 222B	-1.4107			* 319E	-2.3520		
* 121B	-1.6497			* 223B	-1.2521			* 320E	-1.3954		
* 122B	-1.2644			* 224B	-1.1472			* 321E	-1.0691		
* 123B	-1.0869			* 225B	-1.0199			* 322E	-.9112		
* 124B	-.9674			* 226B	-1.0523			* 323E	-.7889		
* 125B	-.8747			* 227B	-.9372			* 324E	-.6200		
* 126B	-.7854			* 228B	-.9049			* 325E	-.5271		
* 127B	-.7429			* 229B	-.8658			* 326E	-.4182		

TABLE 153 .- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = 12.390 DEGREES AND QINF = 2.89 KN/SQM ( 60.45 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.2781	128B	-.7325	* 214A	-.0618	255C	.4010	* 313A	-.3220	327E	-.4368
* 113A	.0978	129B	-.8027	* 213A	-.3012	254C	.5594	* 312A	-.3476	328E	-.4197
* 112A	.0159	157C	.2398	* 212A	-.3061	253C	.6004	* 311A	-.2939	329E	-.3953
* 111A	.0978	156C	.3600	* 211A	-.2939	252C	.6495	* 310A	-.0443	330E	-.3635
* 110A	.4759	155C	.5485	* 210A	.1177	251C	.6960	* 309A	.1092		
* 109A	.7061	154C	.6304	* 209A	.3991	243C	.6659	* 308A	.4503		
* 108A	.4674	153C	.7096	* 208A	.7658	244C	.1918	* 301A	.7147		
* 101A	-.7862	152C	.0159	* 201A	.3736	245C	-.4147	* 302A	.1774		
* 102A	-2.5003	144C	.2263	* 202A	-1.0676	246C	-1.0379	* 303A	-.8459		
* 103A	-2.9182	145C	-.6187	* 203A	-1.5111	247C	-.8807	* 304A	-1.0591		
* 104A	-2.8414	146C	-1.2654	* 204A	-1.3746	248C	-.6711	* 305A	-1.0250		
* 105A	-2.1421	147C	-1.2085	* 206A	-1.4599	249C	-.4771	* 307A	-1.5281		
* 106A	-1.7243	148C	-.8908	* 207A	-1.8010	250C	-.3433	* 345E	.1386		
* 107A	-1.1870	149C	-.6399	* 242B	.7315	264D	.0432	* 344E	.2021		
* 142B	.5976	150C	-.4504	* 241B	.5184	263D	.4747	* 343E	.2045		
* 141B	.4966	151C	-.3289	* 240B	.4638	262D	.5512	* 342E	.1960		
* 140B	.4966	166C	.0369	* 239B	.4556	261D	.5567	* 341E	.1557		
* 139B	.4993	165D	.4693	* 238B	.4310	256D	.5865	* 340E	.1141		
* 138B	.4693	164D	.5539	* 237B	.3682	257D	-.4827	* 339E	-.0996		
* 137B	.4201	158D	.3401	* 236B	.3890	258D	-.5507	* 338E	.0677		
* 136B	.3054	159D	.3368	* 235B	.4574	259D	-.3623	* 337E	.1361		
* 135B	.3327	160D	-.5842	* 234B	.5636	260D	-.1906	* 336E	.2583		
* 134B	.4092	161D	-.0947	* 233B	.6895			* 335E	.4036		
* 133B	.5539	162D	-.1349	* 232B	.7786			* 334E	.5563		
* 132B	.7069			* 231B	.5026			* 333E	.7298		
* 131B	.7124			* 230B	-1.4152			* 332E	.6015		
* 130B	.2180			* 215B	-3.7935			* 331E	-.2609		
* 115B	-.6287			* 216B	-3.3446			* 314E	-3.5944		
* 116B	-.4366			* 217B	-4.4702			* 315E	-3.2763		
* 117B	-2.0057			* 218B	-4.1973			* 316E	-3.3701		
* 118B	-3.0717			* 219B	-3.4334			* 317E	-3.2593		
* 119B	-3.3190			* 220B	-3.9500			* 318E	-2.7306		
* 120B	-2.8841			* 222B	-1.6091			* 319E	-2.8670		
* 121B	-1.9288			* 223B	-1.4594			* 320E	-1.6561		
* 122B	-1.4382			* 224B	-1.3000			* 321E	-1.2699		
* 123B	-1.1974			* 225B	-1.1294			* 322E	-1.0512		
* 124B	-1.0368			* 226B	-1.1238			* 323E	-.8839		
* 125B	-.9131			* 227B	-.9800			* 324E	-.5676		
* 126B	-.7982			* 228B	-.9253			* 325E	-.5846		
* 127B	-.7414			* 229B	-.8573			* 326E	-.4930		

TABLE 154 .- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = 14.417 DEGREES AND QINF = 2.89 KN/SQM ( 60.28 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.3332	* 128B	-.6751	* 214A	.0843	* 255C	.4099	* 313A	-.2060	* 327E	-.6715
* 113A	.1744	* 129B	-.7544	* 213A	-.2329	* 254C	.5688	* 312A	-.2268	* 328E	-.5661
* 112A	.0949	* 157C	.1799	* 212A	-.2746	* 253C	.5989	* 311A	-.1962	* 329E	-.5220
* 111A	.1634	* 156C	.3031	* 211A	-.1998	* 252C	.6510	* 310A	.1235	* 330E	-.4779
* 110A	.5254	* 155C	.5277	* 210A	.2774	* 251C	.6921	* 309A	.3373		
* 109A	.6964	* 154C	.6099	* 209A	.5425	* 243C	.6647	* 308A	.6537		
* 108A	.3800	* 153C	.6975	* 208A	.7392	* 244C	.1993	* 301A	.7477		
* 101A	-.9983	* 152C	.0320	* 201A	.4484	* 245C	-.3877	* 302A	-.3212		
* 102A	-2.7585	* 144C	.3305	* 202A	-1.6040	* 246C	-1.0038	* 303A	-1.3560		
* 103A	-3.0749	* 145C	-.5599	* 203A	-2.0316	* 247C	-.8417	* 304A	-1.5099		
* 104A	-2.8954	* 146C	-1.1894	* 204A	-1.8435	* 248C	-.6382	* 305A	-1.3218		
* 105A	-2.0060	* 147C	-1.1156	* 206A	-1.6211	* 249C	-.4582	* 307A	-1.7237		
* 106A	-1.6639	* 148C	-.8484	* 207A	-2.0744	* 250C	-.3419	* 345E	.1015		
* 107A	-1.1593	* 149C	-.6549	* 242B	.7277	* 264D	.0484	* 344E	.1713		
* 142B	.5934	* 150C	-.5275	* 241B	.5195	* 263D	.4966	* 343E	.1774		
* 141B	.4921	* 151C	-.4414	* 240B	.4675	* 262D	.5606	* 342E	.1774		
* 140B	.4948	* 166D	-.0667	* 239B	.4702	* 261D	.5661	* 341E	.1456		
* 139B	.4921	* 165D	.4099	* 238B	.4510	* 256D	.5783	* 340E	.1076		
* 138B	.4647	* 164D	.5085	* 237B	.3955	* 257D	-.4839	* 339E	-.1055		
* 137B	.4455	* 158D	.2775	* 236B	.4212	* 258D	-.5543	* 338E	.0843		
* 136B	.3113	* 159D	-.1048	* 235B	.4947	* 259D	-.3709	* 337E	.1652		
* 135B	.3415	* 160D	-.7958	* 234B	.5976	* 260D	-.2043	* 336E	.2938		
* 134B	.4346	* 161D	-.1563	* 233B	.7091			* 335E	.4420		
* 133B	.5852	* 162D	-.3553	* 232B	.7703			* 334E	.5890		
* 132B	.7030			* 231B	.4972			* 333E	.7299		
* 131B	.7112			* 230B	-1.3611			* 332E	.5988		
* 130B	.3141			* 215B	-3.7253			* 331E	-.2023		
* 115B	-.4501			* 216B	-3.6650			* 314E	-3.5648		
* 116B	-.3640			* 217B	-4.8110			* 315E	-3.5111		
* 117B	-1.8948			* 218B	-4.4432			* 316E	-3.7591		
* 118B	-2.8868			* 219B	-3.6308			* 317E	-3.5453		
* 119B	-3.0920			* 220B	-4.1097			* 318E	-2.9552		
* 120B	-2.6131			* 222B	-1.7361			* 319E	-2.9723		
* 121B	-1.7328			* 223B	-1.4857			* 320E	-1.6810		
* 122B	-1.2699			* 224B	-1.3213			* 321E	-1.2251		
* 123B	-1.0563			* 225B	-1.1324			* 322E	-1.0328		
* 124B	-.9322			* 226B	-1.1268			* 323E	-.9348		
* 125B	-.8349			* 227B	-.9680			* 324E	-.8307		
* 126B	-.7310			* 228B	-.8987			* 325E	-.8013		
* 127B	-.6985			* 229B	-.8215			* 326E	-.7180		

TABLE 155 .- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = 16.390 DEGREES AND QINF = 2.89 KN/SQM ( 60.38 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5118	128B	-.6368	* 214A	.2788	255C	.4079	* 313A	-.0783	327E	-.8658
* 113A	.2711	129B	-.6937	* 213A	-.1627	254C	.5665	* 312A	-.1345	328E	-.7741
* 112A	.1454	157C	.1618	* 212A	-.2140	253C	.6047	* 311A	-.1113	329E	-.6714
* 111A	.2411	156C	.3067	* 211A	-.0966	252C	.6485	* 310A	.2527	330E	-.5992
* 110A	.5685	155C	.5254	* 210A	.4234	251C	.6922	* 309A	.4832		
* 109A	.6710	154C	.6157	* 209A	.6795	243C	.6977	* 308A	.7307		
* 108A	.1929	153C	.7086	* 208A	.6539	244C	.2461	* 301A	.6795		
* 101A	-1.3438	152C	-.0160	* 201A	.2527	245C	-.2886	* 302A	-.8657		
* 102A	-3.2732	144C	.3668	* 202A	-2.2316	246C	-.8779	* 303A	-1.9755		
* 103A	-3.5208	145C	-.5118	* 203A	-2.7012	247C	-.7038	* 304A	-1.8731		
* 104A	-3.2049	146C	-1.1257	* 204A	-2.2231	248C	-.5542	* 305A	-1.6170		
* 105A	-2.0780	147C	-1.0911	* 206A	-1.8133	249C	-.4281	* 307A	-1.8731		
* 106A	-1.7706	148C	-.7931	* 207A	-2.2487	250C	-.3466	* 345E	.0538		
* 107A	-1.1901	149C	-.6335	* 242B	.7414	264D	.0114	* 344E	.1369		
* 142D	.6102	150C	-.5352	* 241B	.5418	263D	.4790	* 343E	.1479		
* 141B	.5063	151C	-.4872	* 240B	.4762	262D	.5555	* 342E	.1626		
* 140B	.5090	166D	-.1363	* 239B	.4817	261D	.5637	* 341E	.1333		
* 139B	.5036	165D	.3969	* 238B	.4625	256D	.5776	* 340E	.1051		
* 138B	.4817	164D	.4981	* 237B	.4109	257D	-.4951	* 339E	-.0991		
* 137B	.4680	158D	.2516	* 236B	.4463	258D	-.5765	* 338E	.1076		
* 136B	.3313	159D	-.0519	* 235B	.5148	259D	-.3968	* 337E	.1993		
* 135B	.3778	160D	-.8210	* 234B	.6212	260D	-.2495	* 336E	.3216		
* 134B	.4762	161D	-.1636	* 233B	.7263			* 335E	.4708		
* 133B	.6211	162D	-.3901	* 232B	.7667			* 334E	.6053		
* 132B	.7223			* 231B	.4903			* 333E	.7374		
* 131B	.7141			* 230B	-1.2938			* 332E	.5979		
* 130B	.3504			* 215B	-3.7200			* 331E	-.1676		
* 115B	-.3359			* 216B	-3.8793			* 314E	-3.5182		
* 116B	-.2937			* 217B	-5.1513			* 315E	-3.6232		
* 117B	-1.9499			* 218B	-4.7074			* 316E	-3.9732		
* 118B	-2.9573			* 219B	-3.9476			* 317E	-3.7086		
* 119B	-3.0939			* 220B	-4.2720			* 318E	-3.1024		
* 120B	-2.5987			* 222B	-1.7150			* 319E	-2.9829		
* 121B	-1.7128			* 223B	-1.4594			* 320E	-1.6682		
* 122B	-1.2607			* 224B	-1.2663			* 321E	-1.1776		
* 123B	-1.0464			* 225B	-1.0755			* 322E	-1.0101		
* 124B	-.9237			* 226B	-1.0487			* 323E	-1.0016		
* 125B	-.7931			* 227B	-.8567			* 324E	-.9661		
* 126B	-.6647			* 228B	-.7841			* 325E	-.9551		
* 127B	-.6134			* 229B	-.7205			* 326E	-.9319		



TABLE 136.- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = 20.526 DEGREES AND QINF = 2.90 KN/SQM ( 60.56 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.7276	128B	-.6462	* 214A	.5421	255C	.3323	* 313A	.1300	327E	-.9209
* 113A	.5940	129E	-.6907	* 213A	.0165	254C	.5259	* 312A	-.0065	328E	-.8636
* 112A	.1715	157C	.1333	* 212A	-.0760	253C	.5695	* 311A	.0471	329E	-.7612
* 111A	.3133	156C	.2778	* 211A	.0301	252C	.6295	* 310A	.4072	330E	-.7270
* 110A	.6710	155C	.5123	* 210A	.5178	251C	.6622	* 309A	.6370		
* 109A	.5944	154C	.5968	* 209A	.7221	243C	.7113	* 308A	.7391		
* 109A	-.3078	153C	.6813	* 208A	.3220	244C	.2374	* 301A	.3901		
* 101A	-2.4782	152C	.0352	* 201A	-.4270	245C	-.2823	* 302A	-2.1292		
* 102A	-4.5209	144C	.3814	* 202A	-3.5421	246C	-.8721	* 303A	-2.3250		
* 103A	-4.4273	145C	-.4926	* 203A	-3.4144	247C	-.7530	* 304A	-1.9079		
* 104A	-4.0698	146C	-1.0791	* 204A	-2.8357	248C	-.6406	* 305A	-1.6611		
* 105A	-2.5803	147C	-1.0824	* 206A	-2.1122	249C	-.5739	* 307A	-1.6271		
* 106A	-2.0782	148C	-.8098	* 207A	-2.3846	250C	-.5360	* 345E	-.0151		
* 107A	-1.4143	149C	-.6551	* 242B	.7467	264D	-.2074	* 344E	.0898		
* 142B	.3732	150C	-.5861	* 241B	.5422	263D	.4141	* 343E	.1276		
* 141B	.4905	151C	-.5271	* 240B	.4632	262D	.5068	* 342E	.1556		
* 140B	.4905	166D	-.1829	* 239B	.4632	261D	.5313	* 341E	.1227		
* 139B	.4877	165D	.3678	* 238B	.4441	256D	.5189	* 340E	.0898		
* 138B	.4686	164D	.4823	* 237B	.4068	257D	-.7374	* 339E	-.1211		
* 137B	.4659	158D	.2240	* 236B	.4604	258D	-.8064	* 338E	.1191		
* 135B	.3569	159D	.0170	* 235B	.5458	259D	-.6429	* 337E	.2166		
* 135B	.4114	160D	-.8988	* 234B	.6470	260D	-.4937	* 336E	.3604		
* 134B	.5150	161D	-.1555	* 233B	.7420			* 335E	.5080		
* 133B	.6540	162D	-.4659	* 232B	.7640			* 334E	.6335		
* 132B	.7658			* 231B	.5019			* 333E	.7250		
* 131B	.7222			* 230B	-1.0891			* 332E	.5762		
* 130B	.4005			* 215B	-3.5519			* 331E	-.0858		
* 115B	-.0575			* 216B	-4.0188			* 314E	-2.6314		
* 116B	-.2567			* 217B	-5.2614			* 315E	-3.3974		
* 117B	-2.2058			* 218B	-4.5635			* 316E	-4.2741		
* 118B	-3.2102			* 219B	-3.7804			* 317E	-3.4996		
* 119B	-3.2442			* 220B	-3.9251			* 318E	-2.9719		
* 120B	-2.7335			* 222B	-1.3027			* 319E	-1.4228		
* 121B	-1.7434			* 223B	-1.1681			* 320E	-1.0738		
* 122B	-1.2593			* 224B	-.9756			* 321E	-1.2147		
* 123B	-1.0156			* 225B	-.8409			* 322E	-1.0331		
* 124B	-.8254			* 226B	-.7742			* 323E	-1.0087		
* 125B	-.7063			* 227B	-.6952			* 324E	-.9892		
* 126B	-.6195			* 228B	-.6851			* 325E	-.9916		
* 127B	-.6251			* 229B	-.6785			* 326E	-.9697		

TABLE 157 .- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = 24.513 DEGREES AND QINF = 2.91 KN/SQM ( 60.69 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.7133	128B	-.7639	* 214A	.5454	255C	.2916	* 313A	.2814	327E	-.7964
* 113A	.7241	129B	-.7550	* 213A	.1415	254C	.4984	* 312A	.1014	328E	-.7624
* 112A	.2318	157C	.0387	* 212A	.0928	253C	.5500	* 311A	.1622	329E	-.7709
* 111A	.3868	156C	.2100	* 211A	.1744	252C	.6153	* 310A	.4835	330E	-.7076
* 110A	.7468	155C	.4739	* 210A	.6024	251C	.6398	* 309A	.6619		
* 109A	.5005	154C	.5691	* 209A	.7383	243C	.6915	* 308A	.6449		
* 108A	-.6545	153C	.6589	* 208A	.1693	244C	.2343	* 301A	.1183		
* 101A	-3.0325	152C	.0142	* 201A	-.6715	245C	-.2898	* 302A	-2.6504		
* 102A	-5.0029	144C	.3977	* 202A	-3.4572	246C	-.9016	* 303A	-3.5421		
* 103A	-4.6462	145C	-.5019	* 203A	-3.2364	247C	-.8050	* 304A	-2.8202		
* 104A	-4.2216	146C	-1.1592	* 204A	-2.6843	248C	-.7262	* 305A	-2.1493		
* 105A	-2.4890	147C	-1.1381	* 206A	-1.7501	249C	-.6906	* 307A	-2.1323		
* 106A	-2.3616	148C	-.9194	* 207A	-1.8945	250C	-.6662	* 345E	.0272		
* 107A	-2.2597	149C	-.8126	* 242B	.7133	264D	-.3150	* 344E	.1196		
* 142B	.6126	150C	-.7772	* 241B	.5228	263D	.3814	* 343E	.1342		
* 141B	.4875	151C	-.7572	* 240B	.4440	262D	.4793	* 342E	.1537		
* 140B	.4929	166D	-.3666	* 239B	.4440	261D	.5147	* 341E	.1293		
* 139B	.4929	165D	.3161	* 238B	.4222	256D	.4864	* 340E	.1062		
* 138B	.4793	164D	.4440	* 237B	.3994	257D	-.9027	* 339E	-.1067		
* 137B	.4820	158D	.1122	* 236B	.4566	258D	-.9938	* 338E	.1403		
* 136B	.3814	159D	.0511	* 235B	.5442	259D	-.7295	* 337E	.2352		
* 135B	.4467	160D	-1.1714	* 234B	.6439	260D	-.6062	* 336E	.3763		
* 134B	.5609	161D	-.2298	* 233B	.7364			* 335E	.5174		
* 133B	.6888	162D	-.6928	* 232B	.7522			* 334E	.6379		
* 132B	.7704			* 231B	.5503			* 333E	.7145		
* 131B	.7486			* 230B	-.7490			* 332E	.5807		
* 130B	.4222			* 215B	-2.6918			* 331E	-.0434		
* 115B	-.0103			* 216B	-3.0495			* 314E	-3.0044		
* 116B	-.3063			* 217B	-3.9328			* 315E	-3.3977		
* 117B	-2.3871			* 218B	-3.3553			* 316E	-3.8479		
* 118B	-2.8202			* 219B	-2.1493			* 317E	-3.3723		
* 119B	-2.9816			* 220B	-1.7756			* 318E	-2.5909		
* 120B	-2.1408			* 222B	-.8505			* 319E	-2.1153		
* 121B	-1.2902			* 223B	-.8450			* 320E	-1.3425		
* 122B	-.8905			* 224B	-.8139			* 321E	-1.1723		
* 123B	-.7439			* 225B	-.7617			* 322E	-1.0653		
* 124B	-.7106			* 226B	-.7739			* 323E	-.9813		
* 125B	-.7073			* 227B	-.7472			* 324E	-.8901		
* 126B	-.7273			* 228B	-.7206			* 325E	-.8646		
* 127B	-.7617			* 229B	-.6940			* 326E	-.8378		

TABLE 158 .- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = 28.610 DEGREES AND QINF = 2.90 KN/SQM ( 60.53 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.7304	128B	-.6584	* 214A	.5821	255C	.2804	* 313A	.4150	327E	-.9048
* 113A	.7468	129B	-.6484	* 213A	.3503	254C	.4904	* 312A	.3027	328E	-.8951
* 112A	.2477	157C	.0786	* 212A	.1844	253C	.5477	* 311A	.3235	329E	-.8987
* 111A	.4877	156C	.2395	* 211A	.2442	252C	.5968	* 310A	.6598	330E	-.8304
* 110A	.7876	155C	.4795	* 210A	.7024	251C	.6295	* 309A	.7535		
* 109A	.6173	154C	.5804	* 209A	.6939	243C	.6704	* 308A	.4725		
* 108A	-.2088	153C	.6732	* 208A	-.4046	244C	.2044	* 301A	-.5068		
* 101A	-1.5457	152C	-.1096	* 201A	-1.6905	245C	-.3645	* 302A	-4.1771		
* 102A	-1.6394	144C	.4632	* 202A	-4.8839	246C	-1.0025	* 303A	-4.4751		
* 103A	-1.6735	145C	-.4057	* 203A	-4.3048	247C	-.9212	* 304A	-3.6917		
* 104A	-1.4946	146C	-1.0114	* 204A	-3.1126	248C	-.8232	* 305A	-2.2696		
* 105A	-1.4946	147C	-.9824	* 206A	-2.1333	249C	-.7865	* 307A	-2.1929		
* 106A	-1.5457	148C	-.7976	* 207A	-2.2440	250C	-.7486	* 345E	.0015		
* 107A	-1.4435	149C	-.7119	* 242B	.6950	264D	-.3605	* 344E	.1027		
* 142B	.6186	150C	-.6818	* 241B	.5859	263D	.3704	* 343E	.1295		
* 141B	.5068	151C	-.7208	* 240B	.4632	262D	.4686	* 342E	.1454		
* 140B	.5150	166D	-.3578	* 239B	.4632	261D	.5150	* 341E	.1259		
* 139B	.5068	165D	.3159	* 238B	.4550	256D	.4293	* 340E	.1076		
* 138B	.4904	164D	.4522	* 237B	.4345	257D	-.9601	* 339E	-.1095		
* 137B	.4932	158D	.1276	* 236B	.4991	258D	-1.0926	* 338E	.1661		
* 136B	.4113	159D	.0920	* 235B	.5809	259D	-.8766	* 337E	.2735		
* 135B	.4932	160D	-1.1182	* 234B	.6675	260D	-.7297	* 336E	.4150		
* 134B	.6050	161D	-.2754	* 233B	.7406			* 335E	.5516		
* 133B	.7195	162D	-.6729	* 232B	.7321			* 334E	.6516		
* 132B	.7932			* 231B	.5308			* 333E	.6992		
* 131B	.7768			* 230B	-.6694			* 332E	.5735		
* 130B	.4550			* 215B	-2.7199			* 331E	.0576		
* 115B	-.0114			* 216B	-3.4021			* 314E	-2.6174		
* 116B	-.3706			* 217B	-4.1515			* 315E	-3.2233		
* 117B	-2.0652			* 218B	-3.5895			* 316E	-3.6065		
* 118B	-1.9374			* 219B	-2.3717			* 317E	-3.0956		
* 119B	-1.4435			* 220B	-2.0226			* 318E	-2.1418		
* 120B	-1.0774			* 222B	-1.0236			* 319E	-1.6649		
* 121B	-.8566			* 223B	-.9846			* 320E	-1.2221		
* 122B	-.6696			* 224B	-.9112			* 321E	-1.1915		
* 123B	-.8139			* 225B	-.8310			* 322E	-1.1293		
* 124B	-.5972			* 226B	-.8199			* 323E	-1.0683		
* 125B	-.6039			* 227B	-.7887			* 324E	-.9731		
* 126B	-.6562			* 226B	-.7820			* 325E	-.9768		
* 127B	-.6529			* 229B	-.7987			* 326E	-.9305		

TABLE 159.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 58

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.943	-.10431	.35788	.16499	.04576	-.14169	.10896	.12680	.04941	-.13255	-.02408
.245	-.03000	.77844	.18011	.05077	-.10142	.80026	.21044	.07727	-.10991	.38394
4.259	.04970	1.08959	.18772	.05335	-.09070	1.27373	.23953	.09098	-.11303	.77240
8.297	.15370	1.26600	.19126	.05306	.01078	1.64432	.23927	.09023	-.03821	1.08117
12.390	.29431	1.55530	.18687	.05255	.16986	1.95252	.23782	.08947	.08951	1.30637
14.417	.30485	1.45921	.18464	.06654	.22876	2.01703	.23312	.09173	.15477	1.44230
16.390	.34649	1.45914	.18163	.06606	.29369	2.03713	.21745	.09433	.21696	1.55092
20.526	.44872	1.46068	.18242	.06805	.39151	1.84835	.22475	.11274	.26214	1.46082
24.513	.47709	1.36819	.19807	.07791	.37076	1.42095	.23401	.12309	.36633	1.44280
28.610	.25860	1.14737	.18202	.07647	.46252	1.54467	.25079	.13470	.45651	1.45427

TABLE 160.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 58

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.943	.00748	-.02429	-.00526	.00104	-.00473	-.00511	-.00274	-.00354	-.01263	-.01874
.245	.02746	-.02246	-.00359	.00144	-.00218	-.05755	.01452	-.00194	-.01014	-.06347
4.259	.04204	-.03355	-.00345	.00172	.01082	-.11206	.01802	-.00166	-.00490	-.10921
8.297	.04636	-.06918	-.00336	.00176	.03815	-.18037	.01761	-.00145	.02559	-.16707
12.390	.02260	-.05358	-.00324	.00192	.04719	-.22702	.01752	-.00128	.04797	-.20466
14.417	.01196	-.07501	-.00061	-.00033	.04668	-.24255	.01744	-.00125	.05062	-.20896
16.390	-.00108	-.07661	.00032	-.00020	.03970	-.26276	.01842	-.00113	.04870	-.20598
20.526	-.03154	-.08407	.00167	-.00003	.01630	-.26813	.02313	-.00209	.03085	-.17685
24.513	-.04650	-.07270	.00478	-.00032	.00087	-.17885	.02620	-.00319	.02554	-.17975
28.610	-.00984	-.04233	.00501	.00009	-.03183	-.19135	.02760	-.00316	-.00017	-.15019

TABLE 161 .- PITCHING-MOMENT COEFFICIENT FOR RUN 58

ALPHA	COMPONENT-STATION									
	A-A	E-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.943	.00581	-.22071	-.01127	-.00192	.00989	-.08289	-.01329	-.00235	.00984	-.01863
.245	.00087	-.35647	-.01219	-.00208	.00634	-.35747	-.02042	-.00365	.00736	-.18181
4.259	-.00401	-.44088	-.01260	-.00216	.00483	-.46894	-.02296	-.00433	.00672	-.26215
8.297	-.00990	-.50600	-.01278	-.00217	-.00186	-.55664	-.02285	-.00434	.00124	-.32566
12.390	-.01770	-.55092	-.01247	-.00218	-.01256	-.63162	-.02265	-.00434	-.00746	-.38665
14.417	-.01800	-.51873	-.01260	-.00276	-.01636	-.64266	-.02227	-.00450	-.01165	-.45163
16.390	-.02037	-.51240	-.01256	-.00276	-.02052	-.62929	-.02101	-.00468	-.01563	-.51182
20.526	-.02608	-.49435	-.01269	-.00293	-.02682	-.55211	-.02221	-.00564	-.01773	-.50643
24.513	-.02763	-.49444	-.01412	-.00347	-.02466	-.47717	-.02348	-.00611	-.02461	-.48797
28.610	-.01663	-.44438	-.01324	-.00339	-.02996	-.51606	-.02524	-.00682	-.02900	-.52430

TABLE 162.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 58 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.88 (60.21)	-5.88	.0568	.1359	-.2516	.0023	.0020	-.0082
.203	2.89 (60.32)	-3.94	.2713	.1146	-.2383	.0024	.0013	-.0051
.204	2.90 (60.54)	-1.77	.6007	.0989	-.2718	.0029	.0011	.0009
.203	2.89 (60.32)	.25	.9045	.0974	-.2997	.0019	.0017	-.0026
.203	2.89 (60.30)	2.25	1.1407	.1089	-.2861	-.0018	.0024	-.0054
.204	2.89 (60.27)	4.26	1.3706	.1254	-.2581	.0002	.0026	.0002
.203	2.89 (60.40)	6.25	1.5843	.1440	-.2382	.0003	.0025	.0039
.203	2.89 (60.30)	8.30	1.7884	.1700	-.2162	-.0014	.0015	.0037
.203	2.88 (60.18)	10.34	1.9714	.2019	-.1827	-.0030	.0010	.0041
.203	2.89 (60.40)	12.39	2.1577	.2335	-.1510	-.0036	.0012	.0046
.203	2.89 (60.32)	13.40	2.1712	.2576	-.1523	-.0097	-.0018	.0162
.203	2.88 (60.23)	14.42	2.2294	.2832	-.1323	-.0119	-.0007	.0199
.203	2.89 (60.37)	15.47	2.2586	.3052	-.1192	-.0123	.0002	.0188
.203	2.89 (60.33)	16.39	2.2493	.3337	-.1073	-.0099	.0018	.0144
.203	2.88 (60.22)	17.40	2.2389	.3590	-.0866	-.0142	-.0007	.0105
.203	2.89 (60.28)	18.47	2.2420	.3921	-.0660	-.0129	-.0015	.0117
.204	2.90 (60.51)	20.53	2.2299	.4631	.0153	-.0173	-.0056	.0164
.204	2.90 (60.49)	22.47	2.1173	.5365	.0866	-.0124	-.0037	.0124
.204	2.90 (60.64)	24.51	2.0627	.6153	.1004	-.0113	-.0016	.0128
.204	2.90 (60.55)	26.65	1.9942	.6860	.0762	-.0123	-.0029	.0145
.204	2.90 (60.48)	28.61	1.9794	.7457	.0560	-.0123	.0002	.0130

TABLE 163 .- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = -3.953 DEGREES AND QINF = 2.89 KN/SQM ( 60.36 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.6916	128B	-.5957	* 214A	-.5114	255C	.2165	* 313A	-.5248	327E	-.3340
* 113A	-.6068	129B	-.7922	* 213A	-.5003	254C	.2247	* 312A	-.5163	328E	-.2948
* 112A	-.6970	157C	.1947	* 212A	-.5016	253C	.0442	* 311A	-.5175	329E	-.2214
* 111A	-.5822	156C	.3013	* 211A	-.4991	252C	-.0378	* 310A	-.5244	330E	-.1468
* 110A	-.6610	155C	.4408	* 210A	-.5415	251C	-.2047	* 309A	-.5073		
* 109A	-.7037	154C	.4682	* 209A	-.5415	243C	-.4782	* 308A	-.4902		
* 108A	-.8404	153C	.4928	* 208A	-.5415	244C	-.3244	* 301A	-.4731		
* 101A	-.3023	152C	-.0707	* 201A	-.3023	245C	-.5254	* 302A	-.1999		
* 102A	.5602	144C	-.1883	* 202A	.4321	246C	-.6716	* 303A	.6883		
* 103A	.7652	145C	-.6750	* 203A	.7139	247C	-.6783	* 304A	.7822		
* 104A	.5773	146C	-1.1730	* 204A	.6968	248C	-.5388	* 305A	.6712		
* 105A	.3723	147C	-1.1116	* 206A	.3979	249C	-.3847	* 307A	.1759		
* 106A	.1844	148C	-.9106	* 207A	-.0205	250C	-.2675	* 345E	-.1077		
* 107A	-.0803	149C	-.6817	* 242B	-.0023	264D	.1290	* 344E	-.1407		
* 142B	.3232	150C	-.4896	* 241B	-.0269	263D	.2767	* 343E	-.1407		
* 141B	.2877	151C	-.3646	* 240B	-.0597	262D	.3095	* 342E	-.1945		
* 140E	.2329	166D	.1017	* 239B	-.2512	261D	.2849	* 341E	-.2288		
* 139B	.2165	165D	.4025	* 238B	-.3606	256D	-.1435	* 340E	-.2704		
* 138B	.1755	164D	.4627	* 237B	-.4881	257D	-.3233	* 339E	-.2300		
* 137B	.0962	158D	.1501	* 236B	-.5370	258D	-.2965	* 338E	-.3646		
* 136B	-.1090	159D	-.1893	* 235B	-.5432	259D	-.1480	* 337E	-.4441		
* 135B	-.2813	160D	-.5399	* 234B	-.5211	260D	-.0430	* 336E	-.5052		
* 134B	-.4807	161D	-.1603	* 233B	-.5260			* 335E	-.5175		
* 133B	-.5302	162D	-.1257	* 232B	-.5211			* 334E	-.5297		
* 132B	-.5739			* 231B	-.5199			* 333E	-.5358		
* 131B	-.6177			* 230B	-.5236			* 332E	-.5285		
* 130B	-.7134			* 219B	-.5260			* 331E	-.5444		
* 115B	-.8611			* 216B	-.5415			* 314E	-.5334		
* 116B	-.7203			* 217B	-.4134			* 315E	-.5073		
* 117B	.4577			* 218B	-.3023			* 316E	-.5500		
* 118B	-.4731			* 219B	-.6098			* 317E	-.0205		
* 119B	-.8489			* 220B	-.6525			* 318E	-.3621		
* 120B	-.8575			* 222B	-.4651			* 319E	-.3792		
* 121B	-.5745			* 223B	-.4740			* 320E	-.3536		
* 122B	-.5220			* 224B	-.4829			* 321E	-.3511		
* 123B	-.5153			* 225B	-.4908			* 322E	-.3682		
* 124B	-.5120			* 226B	-.6270			* 323E	-.3670		
* 125B	-.5310			* 227B	-.5846			* 324E	-.3609		
* 126B	-.5388			* 228B	-.6203			* 325E	-.3890		
* 127B	-.5589			* 229B	-.6437			* 326E	-.3805		



TABLE 164 .- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = .076 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.3445	128B	-.6710	* 214A	-.3734	255C	.3150	* 313A	-.3722	327E	-.2621
* 113A	-.3472	129B	-.8196	* 213A	-.3502	254C	.4491	* 312A	-.3906	328E	-.1654
* 112A	-.4786	157C	.1700	* 212A	-.3490	253C	.4601	* 311A	-.4040	329E	-.1164
* 111A	-.3472	156C	.2986	* 211A	-.3514	252C	.4874	* 310A	-.4991	330E	-.0834
* 110A	-.3539	155C	.4929	* 210A	-.3710	251C	.5011	* 309A	-.4906		
* 109A	-.4052	154C	.5613	* 209A	-.3881	243C	.3807	* 308A	-.4821		
* 108A	-.3966	153C	.6434	* 208A	-.4906	244C	.0797	* 301A	-.6017		
* 101A	.2869	152C	-.0736	* 201A	-.2655	245C	-.4141	* 302A	.1929		
* 102A	.7056	144C	.1755	* 202A	.7227	246C	-.8944	* 303A	.7739		
* 103A	.5347	143C	-.6643	* 203A	.7312	247C	-.8475	* 304A	.6458		
* 104A	.1929	146C	-1.2887	* 204A	.5518	248C	-.6833	* 305A	.4749		
* 105A	.0391	147C	-1.2251	* 206A	.1417	249C	-.5012	* 307A	-.0805		
* 106A	-.1403	148C	-.9469	* 207A	-.2343	250C	-.3571	* 345E	.1785		
* 107A	-.2855	149C	-.7101	* 242B	.4765	264D	.0742	* 344E	.1908		
* 142B	.5038	150C	-.4978	* 241B	.3862	263D	.3998	* 343E	.1932		
* 141B	.4190	151C	-.3738	* 240B	.3068	262D	.4628	* 342E	.1699		
* 140B	.4108	166D	.0578	* 239B	.3041	261D	.4573	* 341E	.1210		
* 139B	.4053	165D	.4300	* 238B	.2658	256D	.4550	* 340E	.0659		
* 138B	.3643	164D	.5066	* 237B	.2067	257D	-.4632	* 339E	-.0834		
* 137E	.1508	158D	.2808	* 236B	.1920	258D	-.5191	* 338E	-.0136		
* 136B	.1262	159D	-.1739	* 235B	.1357	259D	-.3303	* 337E	.0280		
* 135B	.1289	160D	-.6308	* 234B	-.1274	260D	-.1460	* 336E	.0304		
* 134B	.1043	161D	-.1828	* 233B	-.4126			* 335E	-.2780		
* 133B	-.3390	162D	-.1582	* 232B	-.4873			* 334E	-.5019		
* 132B	-.4403			* 231B	-.4946			* 333E	-.5913		
* 131B	-.3992			* 230B	-.6243			* 332E	-.5876		
* 130B	-.3992			* 215B	-.7149			* 331E	-.6708		
* 115B	-.3719			* 216B	-.7213			* 314E	-.7186		
* 116B	-.3539			* 217B	-.9776			* 315E	-.6700		
* 117B	-.4479			* 218B	-1.1314			* 316E	-.7555		
* 118B	-.9776			* 219B	-1.1998			* 317E	-.8238		
* 119B	-1.3365			* 220B	-1.3877			* 318E	-.8836		
* 120B	-1.3536			* 222B	-.8553			* 319E	-.9349		
* 121B	-1.0039			* 223B	-.7872			* 320E	-.7213		
* 122B	-.8006			* 224B	-.7380			* 321E	-.6170		
* 123B	-.7425			* 225B	-.7168			* 322E	-.5411		
* 124B	-.7056			* 226B	-.7849			* 323E	-.4958		
* 125B	-.6822			* 227B	-.7380			* 324E	-.4297		
* 126B	-.6676			* 228B	-.7548			* 325E	-.3991		
* 127B	-.6598			* 229B	-.7726			* 326E	-.3428		

TABLE 165 .- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = 4.249 DEGREES AND QINF = 2.88 KN/SQM ( 60.16 LB/SOFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1232	128B	-.6924	* 214A	-.4165	255C	.3516	* 313A	-.4766	327E	-.3048
* 113A	-.1835	129B	-.7798	* 215A	-.5724	254C	.5162	* 312A	-.6227	328E	-.2533
* 112A	-.3592	157C	.2061	* 212A	-.5810	253C	.5492	* 311A	-.5932	329E	-.2275
* 111A	-.0965	156C	.3241	* 211A	-.5392	252C	.6013	* 310A	-.7175	330E	-.1980
* 110A	-.2634	155C	.5217	* 210A	-.7346	251C	.6452	* 309A	-.7261		
* 109A	-.2548	154C	.5931	* 209A	-.8289	243C	.6178	* 308A	-.8888		
* 108A	.1136	153C	.6864	* 208A	-.5033	244C	.1365	* 301A	-.7432		
* 101A	.6106	152C	-.0381	* 201A	-.1520	245C	-.4224	* 302A	.5420		
* 102A	.5420	144C	.2144	* 202A	.7134	246C	-1.0038	* 303A	.6791		
* 103A	.1222	145C	-.6162	* 203A	.4049	247C	-.8985	* 304A	.3364		
* 104A	-.2691	146C	-1.2099	* 204A	.1393	248C	-.7238	* 305A	.1650		
* 105A	-.4347	147C	-1.1808	* 206A	-.2719	249C	-.5177	* 307A	-.4519		
* 106A	-.5290	148C	-.8806	* 207A	-.7089	250C	-.3675	* 345E	.2008		
* 107A	-.5890	149C	-.6476	* 242B	.6040	264D	.0387	* 344E	.2425		
* 142B	.5135	150C	-.4628	* 241B	.4065	263D	.4476	* 343E	.2438		
* 141B	.4449	151C	-.3463	* 240B	.3680	262D	.5190	* 342E	.2254		
* 140B	.4531	166D	.0415	* 239B	.3598	261D	.4943	* 341E	.1714		
* 139B	.4449	165D	.4366	* 238B	.3049	256D	.6115	* 340E	.1125		
* 138B	.4092	164D	.5135	* 237B	.1984	257D	-.5333	* 339E	-.1391		
* 137B	.2253	158D	.3337	* 236B	.2045	258D	-.5961	* 338E	-.0164		
* 136B	.1512	159D	-.1491	* 235B	.2511	259D	-.4056	* 337E	.0106		
* 135B	.1485	160D	-.6129	* 234B	.3714	260D	-.1704	* 336E	.1039		
* 134B	.2391	161D	-.1581	* 233B	.5715			* 335E	.2573		
* 133B	.5546	162D	-.1558	* 232B	.7862			* 334E	.4892		
* 132B	.1595			* 231B	-.1539			* 333E	.6230		
* 131B	-.4003			* 230B	-2.1556			* 332E	-.3834		
* 130B	-.7900			* 215B	-2.5274			* 331E	-1.4879		
* 115B	-.5787			* 216B	-1.8213			* 314E	-2.3986		
* 116B	-.4261			* 217B	-1.8228			* 315E	-1.6086		
* 117B	-1.0945			* 218B	-2.1483			* 316E	-1.4629		
* 118B	-1.7885			* 219B	-1.9598			* 317E	-1.5486		
* 119B	-2.0370			* 220B	-2.3197			* 318E	-1.4286		
* 120B	-1.9084			* 222B	-1.1158			* 319E	-1.6428		
* 121B	-1.3365			* 223B	-1.0173			* 320E	-1.0259		
* 122B	-1.0755			* 224B	-.9501			* 321E	-.8362		
* 123B	-.9310			* 225B	-.8795			* 322E	-.7135		
* 124B	-.8481			* 226B	-.9377			* 323E	-.6276		
* 125B	-.7876			* 227B	-.8515			* 324E	-.5073		
* 126B	-.7283			* 228B	-.8403			* 325E	-.4423		
* 127B	-.6959			* 229B	-.8347			* 326E	-.3637		

TABLE 166.- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = 8.288 DEGREES AND QINF = 2.90 KN/SQM ( 60.49 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1853	128B	-.7077	* 214A	-.4503	255C	.3742	* 313A	-.5370	327E	-.3319
* 113A	-.2262	129B	-.7701	* 213A	-.5138	254C	.5353	* 312A	-.5284	328E	-.2867
* 112A	-.3163	157C	.2350	* 212A	-.5199	253C	.5708	* 311A	-.4930	329E	-.2721
* 111A	-.2290	156C	.3551	* 211A	-.4735	252C	.6226	* 310A	-.4014	330E	-.2526
* 110A	-.1031	155C	.5517	* 210A	-.2991	251C	.6718	* 309A	-.4184		
* 109A	.1440	154C	.6308	* 209A	-.2224	243C	.6499	* 308A	-.2650		
* 108A	.5616	153C	.7182	* 208A	.4338	244C	.1613	* 301A	.1952		
* 101A	.6553	152C	-.0051	* 201A	.2548	245C	-.4403	* 302A	.7150		
* 102A	.0503	144C	.3169	* 202A	.2633	246C	-1.0476	* 303A	.2037		
* 103A	-.6144	145C	-.5919	* 203A	-.2309	247C	-.9183	* 304A	-.2309		
* 104A	-.9468	146C	-1.2180	* 204A	-.4014	248C	-.7167	* 305A	-.3417		
* 105A	-.9979	147C	-1.1746	* 206A	-.7252	249C	-.5050	* 307A	-.9468		
* 106A	-.9894	149C	-.8570	* 207A	-1.1428	250C	-.3668	* 345E	.1771		
* 107A	-.8871	149C	-.6242	* 242B	.6745	264D	.0413	* 344E	.2284		
* 142B	.5571	150C	-.4459	* 241B	.4752	263D	.4670	* 343E	.2296		
* 141B	.4834	151C	-.3312	* 240B	.4261	262D	.5380	* 342E	.2223		
* 140B	.4971	166D	.0604	* 239B	.4125	261D	.5271	* 341E	.1759		
* 139B	.4916	165D	.4479	* 238B	.3633	256D	.5958	* 340E	.1259		
* 138B	.4589	164D	.5288	* 237B	.3016	257D	-.5139	* 339E	-.1085		
* 137B	.3060	158D	.3418	* 236B	.3041	258D	-.5718	* 338E	.0404		
* 136B	.2460	159D	-.1239	* 235B	.3602	259D	-.3857	* 337E	.0892		
* 135B	.2596	160D	-.5930	* 234B	.4811	260D	-.1785	* 336E	.1905		
* 134B	.3415	161D	-.1317	* 233B	.6190			* 335E	.3358		
* 133B	.5517	162D	-.1507	* 232B	.7753			* 334E	.5006		
* 132B	.7591			* 231B	.4884			* 333E	.7435		
* 131B	.2924			* 230B	-1.6405			* 332E	.5946		
* 130B	-1.1242			* 215B	-3.9232			* 331E	-.4906		
* 115B	-1.3317			* 216B	-2.5063			* 314E	-3.3995		
* 116B	-.8360			* 217B	-3.2904			* 315E	-2.5575		
* 117B	-1.9950			* 218B	-3.1455			* 316E	-2.4722		
* 118B	-2.7023			* 219B	-2.6682			* 317E	-2.3955		
* 119B	-2.8387			* 220B	-3.2477			* 318E	-2.1143		
* 120B	-2.4893			* 222B	-1.4175			* 319E	-2.3274		
* 121B	-1.7083			* 223B	-1.2459			* 320E	-1.3899		
* 122B	-1.2782			* 224B	-1.1423			* 321E	-1.0704		
* 123B	-1.0921			* 225B	-1.0320			* 322E	-.9044		
* 124B	-.9751			* 226B	-1.0554			* 323E	-.7872		
* 125B	-.8749			* 227B	-.9373			* 324E	-.6224		
* 126B	-.7779			* 228B	-.9036			* 325E	-.5321		
* 127B	-.7245			* 229B	-.8682			* 326E	-.4198		

TABLE 167 .- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = 12.416 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.0414	128B	-.6945	* 214A	-.0969	255C	.3999	* 313A	-.3123	327E	-.4554
* 113A	-.0462	129B	-.7470	* 213A	-.3098	254C	.5558	* 312A	-.3416	328E	-.4236
* 112A	-.2487	157C	.2439	* 212A	-.3416	253C	.5914	* 311A	-.2951	329E	-.4261
* 111A	-.0654	156C	.3588	* 211A	-.2743	252C	.6379	* 310A	-.0719	330E	-.3747
* 110A	.2015	155C	.5422	* 210A	.0989	251C	.6845	* 309A	.0989		
* 109A	.5347	154C	.6188	* 209A	.3638	243C	.6598	* 308A	.4493		
* 108A	.6800	153C	.7036	* 208A	.7483	244C	.1925	* 301A	.6885		
* 101A	.1588	152C	.0140	* 201A	.2698	245C	-.4107	* 302A	.1673		
* 102A	-1.0802	144C	.3150	* 202A	-1.0374	246C	-1.0329	* 303A	-.8067		
* 103A	-1.7893	145C	-.5492	* 203A	-1.4988	247C	-.8799	* 304A	-1.1229		
* 104A	-2.0200	146C	-1.1670	* 204A	-1.4903	248C	-.6743	* 305A	-1.0460		
* 105A	-1.7808	147C	-1.1256	* 206A	-1.4476	249C	-.4710	* 307A	-1.5501		
* 106A	-1.6526	148C	-.8129	* 207A	-1.8919	250C	-.3415	* 345E	.1296		
* 107A	-1.4561	149C	-.5861	* 242B	.7146	264D	.0414	* 344E	.1932		
* 142B	.5723	150C	-.4096	* 241B	.5056	263D	.4737	* 343E	.2030		
* 141B	.5011	151C	-.3079	* 240B	.4546	262D	.5422	* 342E	.2005		
* 140B	.5066	166D	.0687	* 239B	.4436	261D	.5504	* 341E	.1589		
* 139B	.5066	165D	.4628	* 238B	.4217	256D	.5857	* 340E	.1185		
* 138B	.4820	164D	.5476	* 237B	.3682	257D	-.4811	* 339E	-.0895		
* 137B	.3561	158D	.3523	* 236B	.3915	258D	-.5425	* 338E	.0733		
* 136B	.3095	159D	-.1024	* 235B	.4600	259D	-.3582	* 337E	.1491		
* 135B	.3369	160D	-.5638	* 234B	.5653	260D	-.1839	* 336E	.2630		
* 134B	.4300	161D	-.1002	* 233B	.6852			* 335E	.4049		
* 133B	.5969	162D	-.1348	* 232B	.7794			* 334E	.5579		
* 132B	.7282			* 231B	.5028			* 333E	.7293		
* 131B	.5257			* 230B	-1.4126			* 332E	.6008		
* 130B	-.5388			* 215B	-3.7917			* 331E	-.2498		
* 115B	-1.1983			* 216B	-3.4469			* 314E	-3.5886		
* 116B	-1.0033			* 217B	-4.4808			* 315E	-3.3273		
* 117B	-2.7463			* 218B	-4.2672			* 316E	-3.4555		
* 118B	-3.6263			* 219B	-3.4469			* 317E	-3.3187		
* 119B	-3.6263			* 220B	-3.9339			* 318E	-2.8317		
* 120B	-3.1051			* 222B	-1.6708			* 319E	-2.9343		
* 121B	-2.0126			* 223B	-1.4429			* 320E	-1.7210		
* 122B	-1.4742			* 224B	-1.2977			* 321E	-1.2779		
* 123B	-1.2117			* 225B	-1.1379			* 322E	-1.0600		
* 124B	-1.0474			* 226B	-1.1201			* 323E	-.9095		
* 125B	-.9056			* 227B	-.9760			* 324E	-.6819		
* 126B	-.7793			* 228B	-.9156			* 325E	-.5974		
* 127B	-.7157			* 229B	-.8542			* 326E	-.5215		

TABLE 16B.- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = 14.335 DEGREES AND QINF = 2.88 KN/SQM ( 60.12 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.1338	128B	-.6290	* 214A	.0906	255C	.4139	* 313A	-.1993	327E	-.7790
* 113A	.0377	129B	-.6806	* 213A	-.2398	254C	.5704	* 312A	-.2079	328E	-.7004
* 112A	-.1573	157C	.1750	* 212A	-.2779	253C	.6061	* 311A	-.1919	329E	-.6783
* 111A	.0212	156C	.3095	* 211A	-.2067	252C	.6528	* 310A	.1212	330E	-.5862
* 110A	.2927	155C	.5210	* 210A	.2584	251C	.6995	* 309A	.3270		
* 109A	.6099	154C	.6034	* 209A	.5413	243C	.6748	* 308A	.6357		
* 108A	.6957	153C	.6940	* 208A	.7300	244C	.2006	* 301A	.7385		
* 101A	.0697	152C	.0184	* 201A	.3270	245C	-.3913	* 302A	-.2647		
* 102A	-1.2936	144C	.3892	* 202A	-1.6280	246C	-1.0113	* 303A	-1.3536		
* 103A	-1.9281	145C	-.4878	* 203A	-1.9796	247C	-.8454	* 304A	-1.4222		
* 104A	-2.0825	146C	-1.0842	* 204A	-1.8167	248C	-.6369	* 305A	-1.2765		
* 105A	-1.7909	147C	-1.0528	* 206A	-1.6709	249C	-.4541	* 307A	-1.6709		
* 106A	-1.6280	148C	-.7680	* 207A	-2.0568	250C	-.3319	* 345E	.0685		
* 107A	-1.3108	149C	-.6100	* 242B	.7352	264D	.0514	* 344E	.1397		
* 142B	.5732	150C	-.5035	* 241B	.5320	263D	.4881	* 343E	.1618		
* 141B	.5018	151C	-.4552	* 240B	.4716	262D	.5595	* 342E	.1606		
* 140B	.5018	166D	-.1051	* 239B	.4716	261D	.5650	* 341E	.1336		
* 139B	.4963	165D	.4057	* 238B	.4469	256D	.5828	* 340E	.0967		
* 138B	.4743	164D	.5128	* 237B	.3988	257D	-.4732	* 339E	-.1195		
* 137B	.3947	158D	.2802	* 236B	.4246	258D	-.5427	* 338E	.0795		
* 136B	.3178	159D	-.2602	* 235B	.4959	259D	-.3667	* 337E	.1679		
* 135B	.3535	160D	-.7725	* 234B	.5990	260D	-.1963	* 336E	.2920		
* 134B	.4441	161D	-.1503	* 233B	.7133			* 335E	.4418		
* 133B	.6144	162D	-.3544	* 232B	.7796			* 334E	.5868		
* 132B	.7380			* 231B	.5009			* 333E	.7341		
* 131B	.5677			* 230B	-1.3624			* 332E	.6126		
* 130B	-.4045			* 215B	-3.7390			* 331E	-.1895		
* 115B	-1.0471			* 216B	-3.6688			* 314E	-3.5069		
* 116B	-.8992			* 217B	-4.9035			* 315E	-3.4115		
* 117B	-2.5541			* 218B	-4.4748			* 316E	-3.6516		
* 118B	-3.3601			* 219B	-3.7031			* 317E	-3.4115		
* 119B	-3.2743			* 220B	-4.1661			* 318E	-2.8799		
* 120B	-2.7770			* 222B	-1.7411			* 319E	-2.8285		
* 121B	-1.7770			* 223B	-1.4967			* 320E	-1.6109		
* 122B	-1.2893			* 224B	-1.3308			* 321E	-1.1438		
* 123B	-1.0909			* 225B	-1.1525			* 322E	-.9964		
* 124B	-.9362			* 226B	-1.1245			* 323E	-.9546		
* 125B	-.8073			* 227B	-.9642			* 324E	-.8896		
* 126B	-.6907			* 228B	-.8969			* 325E	-.9067		
* 127B	-.6380			* 229B	-.8185			* 326E	-.9092		

TABLE 169 .- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = 16.353 DEGREES AND QINF = 2.89 KN/SQM ( 60.44 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.2639	128B	-.6428	* 214A	.3640	255C	.4251	* 313A	-.0562	327E	-.9798
* 113A	.1055	129B	-.7063	* 213A	-.1503	254C	.5780	* 312A	-.1246	328E	-.8478
* 112A	-.0748	157C	.1656	* 212A	-.2065	253C	.6108	* 311A	-.0941	329E	-.7574
* 111A	.0864	156C	.3049	* 211A	-.0880	252C	.6627	* 310A	.2281	330E	-.6951
* 110A	.4242	155C	.5261	* 210A	.4498	251C	.7010	* 309A	.4839		
* 109A	.6801	154C	.6108	* 209A	.7142	243C	.6955	* 308A	.7568		
* 108A	.6460	153C	.6982	* 208A	.6460	244C	.2270	* 301A	.6971		
* 101A	-.2069	152C	-.0011	* 201A	.1513	245C	-.3462	* 302A	-.9063		
* 102A	-1.7506	144C	.3896	* 202A	-2.5267	246C	-.9628	* 303A	-2.0064		
* 103A	-2.3305	145C	-.4844	* 203A	-2.7058	247C	-.7977	* 304A	-1.8870		
* 104A	-2.4073	146C	-1.0955	* 204A	-2.3561	248C	-.5770	* 305A	-1.6397		
* 105A	-2.0747	147C	-1.0776	* 206A	-1.9041	249C	-.4276	* 307A	-1.8785		
* 105A	-1.7250	148C	-.8122	* 207A	-2.3391	250C	-.3250	* 345E	.0317		
* 107A	-1.4265	149C	-.6372	* 242B	.7556	264D	.0372	* 344E	.1221		
* 142E	.5890	150C	-.5402	* 241B	.5617	263D	.4879	* 343E	.1454		
* 141B	.5125	151C	-.5011	* 240B	.4934	262D	.5671	* 342E	.1563		
* 140B	.5179	166D	-.1568	* 239B	.4879	261D	.5780	* 341E	.1344		
* 139B	.5152	165D	.3978	* 238B	.4660	256D	.5793	* 340E	.0989		
* 138B	.4961	164D	.5207	* 237B	.4129	257D	-.4677	* 339E	-.1063		
* 137B	.4223	159D	.2404	* 236B	.4495	258D	-.5513	* 338E	.1014		
* 136B	.3404	159D	-.2347	* 235B	.5302	259D	-.3751	* 337E	.2015		
* 135B	.3841	160D	-.8368	* 234B	.6340	260D	-.2235	* 336E	.3237		
* 134B	.4770	161D	-.1622	* 233B	.7330			* 335E	.4703		
* 133B	.6354	162D	-.4086	* 232B	.7696			* 334E	.6157		
* 132B	.7310			* 231B	.4874			* 333E	.7415		
* 131B	.5808			* 230B	-1.3011			* 332E	.5998		
* 130B	-.2687			* 215B	-3.7725			* 331E	-.1540		
* 115B	-.9216			* 216B	-4.0960			* 314E	-3.5098		
* 116B	-.8892			* 217B	-5.3667			* 315E	-3.6525		
* 117B	-2.6887			* 218B	-4.9318			* 316E	-3.9339		
* 118B	-3.4563			* 219B	-4.1557			* 317E	-3.6866		
* 119B	-3.3369			* 220B	-4.4115			* 318E	-3.0640		
* 120B	-2.7740			* 222B	-1.7979			* 319E	-2.9361		
* 121B	-1.7656			* 223B	-1.5349			* 320E	-1.6482		
* 122B	-1.2694			* 224B	-1.3553			* 321E	-1.1557		
* 123B	-1.0620			* 225B	-1.1468			* 322E	-1.0115		
* 124B	-.9093			* 226B	-1.1111			* 323E	-1.0128		
* 125B	-.7576			* 227B	-.9282			* 324E	-.9871		
* 126B	-.6561			* 228B	-.8379			* 325E	-1.0177		
* 127B	-.6216			* 229B	-.7576			* 326E	-1.0372		

TABLE 170 .- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = 17.378 DEGREES AND QINF = 2.89 KN/SQM ( 60.41 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.2960	128B	-.6372	* 214A	.4233	255C	.3917	* 313A	-.0180	327E	-.9518
* 113A	.1320	129B	-.6919	* 213A	-.1206	254C	.5502	* 312A	-.1011	328E	-.8088
* 112A	-.0511	157C	.1430	* 212A	-.1903	253C	.5884	* 311A	-.0656	329E	-.6780
* 111A	.0992	156C	.2796	* 211A	-.0595	252C	.6404	* 310A	.2615	330E	-.6719
* 110A	.4492	155C	.5037	* 210A	.4577	251C	.6814	* 309A	.5004		
* 109A	.6625	154C	.5939	* 209A	.6967	243C	.6978	* 308A	.7052		
* 108A	.5431	153C	.6868	* 208A	.5175	244C	.2575	* 301A	.5516		
* 101A	-.4297	152C	-.0319	* 201A	-.2676	245C	-.2947	* 302A	-1.2574		
* 102A	-2.0595	144C	.3807	* 202A	-2.8360	246C	-.8693	* 303A	-2.3923		
* 103A	-2.5800	145C	-.4888	* 203A	-2.9810	247C	-.7008	* 304A	-2.1363		
* 104A	-2.6141	146C	-1.0768	* 204A	-2.5800	248C	-.5223	* 305A	-1.8547		
* 105A	-2.2045	147C	-1.0957	* 206A	-2.0765	249C	-.4040	* 307A	-2.0339		
* 106A	-1.7564	148C	-.7990	* 207A	-2.5032	250C	-.3226	* 345E	.0273		
* 107A	-1.4707	149C	-.6551	* 242B	.7579	264D	-.0046	* 344E	.1275		
* 142B	.5748	150C	-.5613	* 241B	.5502	263D	.4655	* 343E	.1422		
* 141B	.5037	151C	-.5145	* 240B	.4737	262D	.5420	* 342E	.1605		
* 140B	.5119	166D	-.1658	* 239B	.4791	261D	.5447	* 341E	.1348		
* 139B	.4983	165D	.3835	* 238B	.4573	256D	.5822	* 340E	.0994		
* 138B	.4791	164D	.4873	* 237B	.4147	257D	-.4810	* 339E	-.1072		
* 137B	.4245	158D	.2408	* 236B	.4563	258D	-.5602	* 338E	.1092		
* 136B	.3452	159D	-.4063	* 235B	.5296	259D	-.3851	* 337E	.2094		
* 135B	.3869	160D	-.8414	* 234B	.6335	260D	-.2401	* 336E	.3377		
* 134B	.4928	161D	-.1742	* 233B	.7252			* 335E	.4856		
* 133B	.6431	162D	-.4119	* 232B	.7618			* 334E	.6140		
* 132B	.7306			* 231B	.4783			* 333E	.7288		
* 131B	.5748			* 230B	-1.2781			* 332E	.5858		
* 130B	-.2178			* 215B	-3.7837			* 331E	-.1683		
* 115B	-.9092			* 216B	-4.1927			* 314E	-3.5564		
* 116B	-.8990			* 217B	-5.4812			* 315E	-3.7831		
* 117B	-2.7848			* 218B	-4.9863			* 316E	-4.1927		
* 118B	-3.5357			* 219B	-4.2525			* 317E	-3.8941		
* 119B	-3.3480			* 220B	-4.4573			* 318E	-3.2200		
* 120B	-2.8019			* 222B	-1.7919			* 319E	-3.0408		
* 121B	-1.7763			* 223B	-1.5085			* 320E	-1.7182		
* 122B	-1.2787			* 224B	-1.3077			* 321E	-1.2036		
* 123B	-1.0299			* 225B	-1.1247			* 322E	-1.0410		
* 124B	-.9027			* 226B	-1.0288			* 323E	-1.0495		
* 125B	-.7510			* 227B	-.8425			* 324E	-1.0251		
* 126B	-.6372			* 228B	-.7867			* 325E	-1.0361		
* 127B	-.6227			* 229B	-.7053			* 326E	-1.0337		

TABLE 171 .- TAPULATED PRESSURE DATA FOR RUN 57 AT ALPHA = 20.404 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5187	128B	-.6825	* 214A	.5478	255C	.3190	* 313A	.2052	327E	-1.0125
* 113A	.2670	129B	-.7227	* 213A	.0522	254C	.5160	* 312A	.0044	328E	-.9367
* 112A	.0180	157C	.1384	* 212A	-.0690	253C	.5625	* 311A	.0632	329E	-.8791
* 111A	.2205	156C	.2851	* 211A	.0314	252C	.6254	* 310A	.4221	330E	-.8118
* 110A	.5844	155C	.5133	* 210A	.5332	251C	.6692	* 309A	.5186		
* 109A	.7040	154C	.6063	* 209A	.7297	243C	.7075	* 308A	.6870		
* 108A	.3537	153C	.6993	* 208A	.2769	244C	.2323	* 301A	.3110		
* 101A	-1.0218	152C	.0508	* 201A	-.6288	245C	-.3038	* 302A	-2.3375		
* 102A	-2.8331	144C	.4011	* 202A	-3.7045	246C	-.9014	* 303A	-3.2261		
* 103A	-3.1833	145C	-.4904	* 203A	-3.4995	247C	-.7663	* 304A	-2.6793		
* 104A	-2.9954	146C	-1.1360	* 204A	-3.0210	248C	-.6613	* 305A	-2.3375		
* 105A	-2.3119	147C	-1.1360	* 206A	-2.1581	249C	-.5719	* 307A	-2.2094		
* 106A	-1.9701	148C	-.8110	* 207A	-2.4913	250C	-.5150	* 345E	.0510		
* 107A	-1.6028	149C	-.6836	* 242B	.7431	264D	-.2064	* 344E	.0987		
* 142B	.3381	150C	-.5943	* 241B	.5379	263D	.4065	* 343E	.1109		
* 141B	.4996	151C	-.5373	* 240B	.4531	262D	.4996	* 342E	.1329		
* 140B	.5050	166D	-.1791	* 239B	.4531	261D	.5187	* 341E	.1158		
* 139B	.5023	165D	.3901	* 238B	.4421	256D	.5183	* 340E	.0889		
* 138B	.4832	164D	.5023	* 237B	.4022	257D	-.7339	* 339E	-.1167		
* 137B	.4366	158D	.2133	* 236B	.4621	258D	-.8288	* 338E	.1268		
* 136B	.3652	159D	-.3887	* 235B	.5392	259D	-.6300	* 337E	.2345		
* 135B	.4339	160D	-.9026	* 234B	.6384	260D	-.4837	* 336E	.3691		
* 134B	.5215	161D	-.1653	* 233B	.7351			* 335E	.5160		
* 133B	.6633	162D	-.4792	* 232B	.7546			* 334E	.6433		
* 132B	.7349			* 231B	.4903			* 333E	.7277		
* 131B	.5899			* 230B	-1.1227			* 332E	.5747		
* 130B	-.0723			* 215B	-3.5629			* 331E	-.1351		
* 115B	-.6962			* 216B	-4.1317			* 314E	-3.4675		
* 116B	-.9193			* 217B	-5.2936			* 315E	-3.9352		
* 117B	-2.9270			* 218B	-4.7554			* 316E	-4.2769		
* 118B	-2.7216			* 219B	-3.7729			* 317E	-3.9437		
* 119B	-3.4567			* 220B	-3.8241			* 318E	-3.3115		
* 120B	-2.8160			* 222B	-1.4421			* 319E	-3.0381		
* 121B	-1.7537			* 223B	-1.2042			* 320E	-1.7224		
* 122B	-1.2555			* 224B	-1.0723			* 321E	-1.1961		
* 123B	-1.0288			* 225B	-.9026			* 322E	-1.0260		
* 124B	-.8903			* 226B	-.8322			* 323E	-1.0089		
* 125B	-.7451			* 227B	-.7529			* 324E	-.9893		
* 126B	-.6859			* 228B	-.7236			* 325E	-.9856		
* 127B	-.6568			* 229B	-.7127			* 326E	-1.0174		



TABLE 172.- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = 24.425 DEGREES AND QINF = 2.89 KN/SQM ( 60.43 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.6658	128P	-.6935	* 214A	.5925	255C	.2996	* 313A	.2845	327E	-.8079
* 113A	.6357	129B	-.7570	* 213A	.2308	254C	.5018	* 312A	.1269	328E	-.7700
* 112A	.0892	157C	.1248	* 212A	.1184	253C	.5428	* 311A	.1782	329E	-.7456
* 111A	.2778	156C	.2778	* 211A	.1782	252C	.6029	* 310A	.4985	330E	-.7333
* 110A	.6776	155C	.5073	* 210A	.6009	251C	.6384	* 309A	.6776		
* 109A	.6265	154C	.5974	* 209A	.7118	243C	.6821	* 308A	.6606		
* 108A	-.1157	153C	.6876	* 208A	-.0475	244C	.2222	* 301A	.1402		
* 101A	-2.0692	152C	.0455	* 201A	-1.1565	245C	-.3310	* 302A	-2.6152		
* 102A	-4.1678	144C	.4035	* 202A	-4.1934	246C	-.9444	* 303A	-3.4342		
* 103A	-4.3469	145C	-.5039	* 203A	-3.7413	247C	-.8663	* 304A	-2.8711		
* 104A	-4.0228	146C	-1.1452	* 204A	-3.0588	248C	-.7470	* 305A	-2.1545		
* 105A	-2.7517	147C	-1.1195	* 206A	-2.0522	249C	-.7147	* 307A	-2.0863		
* 106A	-2.4275	148C	-.8563	* 207A	-2.1887	250C	-.6756	* 345E	.0426		
* 107A	-1.9413	149C	-.7057	* 242B	.7204	264D	-.3069	* 344E	.1318		
* 142B	.5974	150C	-.6812	* 241B	.5428	263D	.3925	* 343E	.1477		
* 141B	.5018	151C	-.6578	* 240B	.4417	262D	.4936	* 342E	.1562		
* 140B	.5045	166D	-.2386	* 239B	.4499	261D	.5237	* 341E	.1367		
* 139B	.4991	165D	.3679	* 238B	.4390	256D	.4754	* 340E	.1122		
* 138B	.4882	164D	.4854	* 237B	.4214	257D	-.8976	* 339E	-.0918		
* 137B	.4417	158D	.1865	* 236B	.4849	258D	-.9823	* 338E	.1420		
* 136B	.4171	159D	-.4637	* 235B	.5754	259D	-.7503	* 337E	.2528		
* 135B	.4800	160D	-1.0035	* 234B	.6731	260D	-.6265	* 336E	.3835		
* 134B	.5756	161D	-.2072	* 232B	.7513			* 335E	.5240		
* 133B	.7013	162D	-.5373	* 232B	.7587			* 334E	.6365		
* 132B	.7368			* 231B	.5448			* 333E	.7134		
* 131B	.6302			* 230B	-.7798			* 332E	.5802		
* 130B	.0346			* 215B	-3.0086			* 331E	-.0185		
* 115B	-.5173			* 216B	-3.5877			* 314E	-2.9257		
* 116B	-1.0526			* 217B	-4.3214			* 315E	-3.4171		
* 117B	-3.4256			* 218B	-3.8010			* 316E	-3.7498		
* 118B	-4.2360			* 219B	-2.6493			* 317E	-3.3318		
* 119B	-3.9831			* 220B	-2.3166			* 318E	-2.4190		
* 120B	-3.1100			* 222B	-.9979			* 319E	-1.7963		
* 121B	-1.8645			* 223B	-.9623			* 320E	-1.2418		
* 122B	-1.2857			* 224B	-.9232			* 321E	-1.0547		
* 123B	-.9979			* 225B	-.8596			* 322E	-.9997		
* 124B	-.8217			* 226B	-.8150			* 323E	-.9435		
* 125B	-.7225			* 227B	-.7805			* 324E	-.8763		
* 126B	-.6801			* 228B	-.7660			* 325E	-.8409		
* 127B	-.6834			* 229B	-.7548			* 326E	-.8445		

TABLE 173 .- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = 28.475 DEGREES AND QINF = 2.90 KN/SQM ( 60.54 LB/SQFT )

*****													
* TAP ID	WING STATION A		* CP	* TAP ID	WING STATION B		* CP	* TAP ID	WING STATION C		* CP	* TAP ID	* CP
* 114A	.6488	128B	-.7561	* 214A	.5945	255C	.2916	* 313A	.4445	327E	-.8338	* 327E	-.8338
* 113A	.7470	129B	-.7561	* 213A	.4140	254C	.5043	* 312A	.3225	328E	-.8216	* 328E	-.8216
* 112A	.1525	157C	.0652	* 212A	.2859	253C	.5616	* 311A	.3396	329E	-.7923	* 329E	-.7923
* 111A	.3734	156C	.2261	* 211A	.3323	252C	.6161	* 310A	.6515	330E	-.7594	* 330E	-.7594
* 110A	.7452	155C	.4743	* 210A	.7367	251C	.6434	* 309A	.7197				
* 109A	.5238	154C	.5779	* 209A	.6856	243C	.6898	* 308A	.4301				
* 108A	-.5235	153C	.6788	* 208A	-.6938	244C	.2280	* 301A	-.4980				
* 101A	-2.8737	152C	.0625	* 201A	-2.1669	245C	-.3497	* 302A	-4.2616				
* 102A	-5.1387	144C	.4252	* 202A	-5.4027	246C	-1.0177	* 303A	-4.5256				
* 103A	-4.7215	145C	-.4833	* 203A	-4.6363	247C	-.9041	* 304A	-3.6741				
* 104A	-4.5001	146C	-1.1546	* 204A	-3.2058	248C	-.8106	* 305A	-2.2180				
* 105A	-2.8652	147C	-1.1535	* 206A	-2.2521	249C	-.7594	* 307A	-2.0988				
* 106A	-2.4054	148C	-.9053	* 207A	-2.3458	250C	-.7205	* 345E	.0359				
* 107A	-1.8689	149C	-.7984	* 242B	.7170	264D	-.3220	* 344E	.1274				
* 142B	.6161	150C	-.7661	* 241B	.6379	263D	.3816	* 343E	.1505				
* 141B	.5207	151C	-.7583	* 240B	.4907	262D	.4770	* 342E	.1639				
* 140B	.5234	166D	-.3466	* 239B	.4879	261D	.5179	* 341E	.1444				
* 139B	.5179	165D	.3298	* 238B	.4852	256D	.4396	* 340E	.1274				
* 138B	.5152	164D	.4607	* 237B	.4591	257D	-.9531	* 339E	-.0776				
* 137B	.4716	158D	.1100	* 236B	.5262	258D	-1.0734	* 338E	.1822				
* 136B	.4607	159D	-.5112	* 235B	.6043	259D	-.8296	* 337E	.2981				
* 135B	.5425	160D	-1.1802	* 234B	.6860	260D	-.6759	* 336E	.4372				
* 134B	.6461	161D	-.2451	* 233B	.7518			* 335E	.5664				
* 133B	.7470	162D	-.7127	* 232B	.7287			* 334E	.6640				
* 132B	.7607			* 231B	.5408			* 333E	.7128				
* 131B	.6707			* 230B	-.6654			* 332E	.5860				
* 130B	.1361			* 215B	-2.8097			* 331E	.0749				
* 115B	-.4393			* 216B	-3.5975			* 314E	-2.5487				
* 116B	-.9833			* 217B	-4.4490			* 315E	-3.1973				
* 117B	-3.2909			* 218B	-3.7593			* 316E	-3.5379				
* 118B	-3.9125			* 219B	-2.5331			* 317E	-2.9333				
* 119B	-3.5208			* 220B	-2.0818			* 318E	-1.9881				
* 120B	-2.5161			* 222B	-.9943			* 319E	-1.5453				
* 121B	-1.3717			* 223B	-.9631			* 320E	-1.1111				
* 122B	-.8630			* 224B	-.8997			* 321E	-1.0667				
* 123B	-.7839			* 225B	-.8529			* 322E	-1.0118				
* 124B	-.7605			* 226B	-.8630			* 323E	-.9362				
* 125B	-.7182			* 227B	-.8095			* 324E	-.8752				
* 126B	-.7282			* 228B	-.8040			* 325E	-.8545				
* 127B	-.7505			* 229B	-.7917			* 326E	-.8411				
*****													

TABLE 174.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 57

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.953	-.12675	.32816	.16662	.05062	-.13875	.11116	.11461	.04761	-.13753	-.02450
.076	-.06678	.76510	.18370	.05703	-.10335	.76378	.20864	.07763	-.11070	.36539
4.249	-.00238	1.09987	.18105	.05683	-.08276	1.27835	.23320	.08727	-.10710	.78132
8.288	.06275	1.39266	.18386	.05695	.00170	1.65245	.23860	.08870	-.03971	1.08367
12.416	.19245	1.60562	.17705	.05632	.17048	1.94872	.23597	.08824	.09239	1.33743
14.335	.21007	1.48994	.17678	.06698	.23009	2.03479	.23399	.09078	.14923	1.46299
16.353	.25446	1.49931	.18169	.06942	.31392	2.12559	.22728	.09294	.22138	1.57765
17.378	.27736	1.50173	.18007	.07003	.34756	2.10861	.21149	.09115	.25635	1.61567
20.404	.33728	1.52443	.18721	.07450	.40783	1.88741	.22573	.11162	.35290	1.64405
24.425	.45095	1.61753	.19294	.07802	.42879	1.58819	.23993	.12570	.36642	1.39769
28.475	.49406	1.50773	.19946	.08652	.49285	1.59452	.25077	.13167	.45535	1.37302

TABLE 175.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 57

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.953	-.00837	-.02398	-.00539	-.00055	-.00480	-.00930	-.00281	-.00359	-.01161	-.01670
.076	.01261	-.03620	-.00335	-.00050	-.00005	-.05533	.01429	-.00175	-.00955	-.06091
4.249	.02948	-.05901	-.00313	-.00028	.01009	-.11676	.01760	-.00159	-.00503	-.11382
8.288	.05090	-.11027	-.00272	-.00015	.03610	-.17950	.01777	-.00150	.02545	-.16424
12.416	.05317	-.14061	-.00269	-.00006	.04633	-.22963	.01744	-.00128	.04788	-.20815
14.335	.04774	-.12923	.00043	-.00106	.04543	-.24517	.01733	-.00117	.04928	-.19318
16.353	.04151	-.13146	.00099	-.00110	.03805	-.27202	.01747	-.00104	.04870	-.19945
17.378	.03498	-.13424	.00124	-.00189	.03008	-.28009	.01773	-.00106	.04539	-.21306
20.404	.01772	-.13580	.00163	-.00191	.01309	-.26934	.02265	-.00219	.03624	-.21155
24.425	-.01094	-.15601	.00289	-.00239	-.01093	-.20707	.02611	-.00303	.02591	-.17359
28.475	-.04093	-.13738	.00487	-.00287	-.04819	-.20429	.02734	-.00336	-.00362	-.14926

TABLE 176.- PITCHING-MOMENT COEFFICIENT FOR RUN 57

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.953	.00767	-.20760	-.01145	-.00197	.00968	-.08343	-.01225	-.00232	.01025	-.02076
.076	.00326	-.35659	-.01232	-.00217	.00653	-.34765	-.02030	-.00371	.00747	-.17560
4.249	-.00116	-.43462	-.01216	-.00216	.00408	-.46574	-.02234	-.00411	.00626	-.26559
8.288	-.00506	-.50682	-.01233	-.00219	-.00114	-.55999	-.02275	-.00424	.00137	-.32950
12.416	-.01278	-.55102	-.01186	-.00218	-.01253	-.62810	-.02250	-.00428	-.00773	-.39698
14.335	-.01366	-.51318	-.01219	-.00271	-.01657	-.64677	-.02231	-.00445	-.01125	-.48266
16.353	-.01613	-.51314	-.01262	-.00284	-.02203	-.65887	-.02172	-.00460	-.01597	-.53463
17.378	-.01733	-.50984	-.01253	-.00281	-.02433	-.64225	-.02028	-.00450	-.01838	-.53715
20.404	-.02066	-.51227	-.01296	-.00308	-.02783	-.56967	-.02215	-.00555	-.02451	-.55247
24.425	-.02699	-.53308	-.01363	-.00320	-.02847	-.51864	-.02405	-.00631	-.02465	-.48072
28.475	-.02861	-.52218	-.01417	-.00367	-.03161	-.53261	-.02514	-.00661	-.02877	-.49033

TABLE 177.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 57 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.92 (61.05)	-5.99	.0088	.1368	-.2573	.0027	.0041	-.0218
.203	2.89 (60.31)	-3.95	.2607	.1119	-.2486	.0029	.0028	-.0113
.203	2.89 (60.38)	-1.87	.5778	.0933	-.2863	.0030	.0023	-.0120
.203	2.89 (60.28)	.08	.8859	.0928	-.3164	.0021	.0034	-.0083
.203	2.88 (60.15)	2.19	1.1373	.1015	-.3140	-.0004	.0030	-.0119
.203	2.88 (60.11)	4.25	1.3618	.1181	-.2916	.0003	.0037	-.0091
.203	2.89 (60.36)	6.28	1.5987	.1344	-.2708	-.0009	.0035	-.0116
.203	2.89 (60.44)	8.29	1.7800	.1633	-.2439	-.0021	.0033	-.0059
.203	2.88 (60.10)	10.41	1.9609	.1944	-.2198	-.0030	.0027	-.0045
.203	2.89 (60.28)	12.42	2.1455	.2252	-.1824	-.0037	.0026	-.0040
.203	2.88 (60.24)	13.37	2.1524	.2514	-.1891	-.0108	.0007	.0041
.203	2.88 (60.07)	14.34	2.2240	.2744	-.1624	-.0105	.0017	.0114
.203	2.88 (60.15)	15.43	2.2960	.2916	-.1413	-.0117	.0031	.0055
.203	2.89 (60.39)	16.35	2.3303	.3169	-.1223	-.0130	.0021	.0137
.203	2.89 (60.36)	17.38	2.2937	.3506	-.1336	-.0085	.0031	.0016
.203	2.88 (60.19)	18.48	2.2942	.3823	-.0960	-.0140	.0001	.0036
.203	2.89 (60.28)	20.40	2.3027	.4525	-.0432	-.0267	-.0090	.0104
.203	2.88 (60.18)	22.38	2.3232	.5234	.0096	-.0287	-.0091	.0101
.203	2.89 (60.37)	24.43	2.2258	.6029	.1097	-.0125	-.0012	-.0009
.204	2.90 (60.61)	26.42	2.2064	.6706	.1340	-.0130	-.0022	.0022
.204	2.90 (60.49)	28.47	2.1908	.7485	.1413	-.0129	-.0012	.0013

TABLE 17B .- TABULATED PRESSURE DATA FOR RUN 48 AT ALPHA = -3.966 DEGREES AND QINF = 2.89 KN/SQM ( 50.40 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.6548	128B	-.5890	214A	-.5201	255C	.1460	313A	-.5030	327E	-.3392
113A	-.5783	129B	-.7709	213A	-.5078	254C	.1733	312A	-.5066	328E	-.2854
112A	-.7040	157C	.1733	212A	-.5127	253C	.0531	311A	-.5091	329E	-.2365
111A	-.5592	156C	.2936	211A	-.5115	252C	-.0535	310A	-.4892	330E	-.1631
110A	-.6684	155C	.3920	210A	-.5233	251C	-.2121	309A	-.4806		
109A	-.6855	154C	.4275	209A	-.4977	243C	-.4990	308A	-.4806		
108A	-.6684	153C	.3892	208A	-.4892	244C	-.3424	301A	-.4892		
101A	-.6940	152C	-.0727	201A	-.3185	245C	-.5154	302A	-.1905		
102A	.2191	144C	-.1875	202A	.4581	246C	-.6392	303A	.6885		
103A	.6970	145C	-.6816	203A	.7738	247C	-.6348	304A	.7738		
104A	.7311	146C	-1.1814	204A	.7397	248C	-.5053	305A	.6714		
105A	.5775	147C	-1.0978	206A	.4325	249C	-.3536	307A	.1679		
106A	.4069	148C	-.3836	207A	.0314	250C	-.2643	345E	-.1363		
107A	.0399	149C	-.6738	242B	-.0563	264D	.0968	344E	-.1803		
142B	.2307	150C	-.4707	241B	-.0563	263D	.2307	343E	-.1900		
141B	.2936	151C	-.3536	240B	-.1629	262D	.2389	342E	-.2230		
140B	.1815	166D	.1159	239B	-.3132	261D	.1789	341E	-.2548		
137B	.1542	165D	.3974	238B	-.3706	256D	-.1517	340E	-.2903		
138B	.1023	164D	.4576	237B	-.4883	257D	-.3168	339E	-.2279		
137B	.4466	158D	.0893	236B	-.5274	258D	-.2766	338E	-.3771		
136B	-.1984	159D	.1284	235B	-.5299	259D	-.1383	337E	-.4394		
135B	-.3979	160D	-.5187	234B	-.5213	260D	-.0524	336E	-.4822		
134B	-.5072	161D	-.1606	233B	-.5323			335E	-.5017		
133B	-.5592	162D	-.1204	232B	-.5335			334E	-.5225		
132B	-.5974			231B	-.5274			333E	-.5213		
131B	-.6056			230B	-.5311			332E	-.5213		
130B	-.6302			215B	-.5299			331E	-.5250		
115B	-.8380			216B	-.5830			314E	-.5152		
116B	-.7537			217B	-.2076			315E	-.5062		
117B	.3301			218B	-.1990			316E	-.5404		
118B	-.5148			219B	-.5489			317E	-.0113		
119B	-.8817			220B	-.6001			318E	-.3612		
120B	-.8305			222B	-.4752			319E	-.3782		
121B	-.5979			223B	-.4707			320E	-.3526		
122B	-.5321			224B	-.4897			321E	-.3379		
123B	-.5198			225B	-.4797			322E	-.3502		
124B	-.5165			226B	-.6225			323E	-.3563		
125B	-.5399			227B	-.5678			324E	-.3502		
126B	-.5366			228B	-.6013			325E	-.3771		
127B	-.5466			229B	-.6214			326E	-.3807		

TABLE 179 .- TABULATED PRESSURE DATA FOR RUN 48 AT ALPHA = .214 DEGREES AND QINF = 2.89 KN/SQM ( 60.30 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.3452	128B	-.6674	* 214A	-.3595	255C	.3119	* 313A	-.3889	327E	-.2676
* 113A	-.3835	129B	-.8049	* 213A	-.3460	254C	.4296	* 312A	-.4060	328E	-.1721
* 112A	-.4054	157C	.1887	* 212A	-.3362	253C	.4433	* 311A	-.4256	329E	-.1232
* 111A	-.4410	156C	.3064	* 211A	-.3411	252C	.4625	* 310A	-.5769	330E	-.0962
* 110A	-.5085	155C	.5035	* 210A	-.4316	251C	.4953	* 309A	-.5512		
* 109A	-.4999	154C	.5829	* 209A	-.4145	243C	.3584	* 308A	-.5341		
* 108A	-.6795	153C	.6678	* 208A	-.5170	244C	.0859	* 301A	-.6538		
* 101A	-.2349	152C	-.0824	* 201A	-.3974	245C	-.4081	* 302A	.1583		
* 102A	.5430	144C	.2215	* 202A	.6797	246C	-.8876	* 303A	.7139		
* 103A	.6968	145C	-.6473	* 203A	.6626	247C	-.8306	* 304A	.5943		
* 104A	.5515	146C	-1.2743	* 204A	.4831	248C	-.6696	* 305A	.4318		
* 105A	.3122	147C	-1.2273	* 206A	.0984	249C	-.4942	* 307A	-.1067		
* 106A	.0899	148C	-.9423	* 207A	-.3033	250C	-.3522	* 345E	.1781		
* 107A	-.2264	149C	-.6965	* 242B	.4597	264D	.0600	* 344E	.1952		
* 142B	.5063	150C	-.4942	* 241B	.3858	263D	.3913	* 343E	.1915		
* 141B	.4022	151C	-.3712	* 240B	.3037	262D	.4460	* 342E	.1646		
* 140B	.4050	166D	.0491	* 239B	.2955	261D	.4570	* 341E	.1266		
* 139B	.4022	165D	.4296	* 238B	.2571	256D	.4201	* 340E	.0728		
* 138B	.3584	164D	.5063	* 237B	.2001	257D	-.4573	* 339E	-.0558		
* 137B	.3146	158D	.3038	* 236B	.1891	258D	-.5098	* 338E	-.0068		
* 136B	.1230	159D	-.1153	* 235B	.1058	259D	-.3288	* 337E	.0213		
* 135B	.1513	160D	-.6328	* 234B	-.1244	260D	-.1376	* 336E	-.0032		
* 134B	.0545	161D	-.1801	* 233B	-.4183			* 335E	-.2517		
* 133B	-.5013	162D	-.1589	* 232B	-.4734			* 334E	-.5530		
* 132B	-.5506			* 231B	-.4672			* 333E	-.5946		
* 131B	-.5122			* 230B	-.5799			* 332E	-.6019		
* 130B	-.5314			* 215B	-.6864			* 331E	-.6742		
* 115B	-.5177			* 216B	-.7564			* 314E	-.7317		
* 116B	-.5427			* 217B	-1.0556			* 315E	-.7222		
* 117B	-.7051			* 218B	-1.2266			* 316E	-.7735		
* 118B	-1.2009			* 219B	-1.2864			* 317E	-.8761		
* 119B	-1.5001			* 220B	-1.4061			* 318E	-.9103		
* 120B	-1.4403			* 222B	-.8395			* 319E	-.9274		
* 121B	-1.0429			* 223B	-.7613			* 320E	-.7393		
* 122B	-.8261			* 224B	-.7345			* 321E	-.6240		
* 123B	-.7635			* 225B	-.6965			* 322E	-.5481		
* 124B	-.7032			* 226B	-.7769			* 323E	-.4966		
* 125B	-.6864			* 227B	-.7289			* 324E	-.4354		
* 126B	-.6696			* 228B	-.7479			* 325E	-.4023		
* 127B	-.6462			* 229B	-.7602			* 326E	-.3448		





TABLE 101 .- TABULATED PRESSURE DATA FOR RUN 48 AT ALPHA = 8.348 DEGREES AND QINF = 2.88 KN/SQM ( 60.16 LB/SOFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.2386	128B	-.6960	* 214A	-.4437	255C	.3844	* 313A	-.5407	327E	-.3246
* 113A	-.3209	129B	-.7430	* 213A	-.4952	254C	.5546	* 312A	-.5431	328E	-.2829
* 112A	-.4060	157C	.2472	* 212A	-.5173	253C	.5765	* 311A	-.5026	329E	-.2731
* 111A	-.3374	156C	.3652	* 211A	-.4744	252C	.6204	* 310A	-.4264	330E	-.2473
* 110A	-.3321	155C	.5546	* 210A	-.3492	251C	.6671	* 309A	-.3921		
* 109A	-.2121	154C	.6314	* 209A	-.2978	243C	.6506	* 308A	-.2293		
* 108A	.1992	153C	.7165	* 208A	.3277	244C	.1599	* 301A	.2163		
* 101A	.6533	152C	.0029	* 201A	.3363	245C	-.4349	* 302A	.7476		
* 102A	.5933	144C	.3268	* 202A	.2163	246C	-1.0410	* 303A	.2077		
* 103A	.0107	145C	-.5727	* 203A	-.2121	247C	-.9044	* 304A	-.2293		
* 104A	-.3921	146C	-1.1743	* 204A	-.4778	248C	-.7105	* 305A	-.3492		
* 105A	-.5463	147C	-1.1351	* 206A	-.7263	249C	-.5033	* 307A	-.9491		
* 106A	-.7434	148C	-.8248	* 207A	-1.1461	250C	-.3599	* 345E	.1786		
* 107A	-.9491	149C	-.5996	* 242B	.6726	264D	.0496	* 344E	.2289		
* 142B	.5518	150C	-.4181	* 241B	.4695	263D	.4722	* 343E	.2338		
* 141B	.4887	151C	-.3128	* 240B	.4228	262D	.5491	* 342E	.2253		
* 140B	.4997	166D	.0523	* 239B	.4146	261D	.5408	* 341E	.1786		
* 139B	.4887	165D	.4558	* 238B	.3542	256D	.6002	* 340E	.1271		
* 138B	.4503	164D	.5436	* 237B	.2915	257D	-.5066	* 339E	-.0816		
* 137B	.3432	158D	.3560	* 236B	.3026	258D	-.5716	* 338E	.0362		
* 136B	.2339	159D	-.0888	* 235B	.3578	259D	-.3834	* 337E	.0878		
* 135B	.2691	160D	-.5783	* 234B	.4781	260D	-.1806	* 336E	.1835		
* 134B	.3625	161D	-.1190	* 233B	.6217			* 335E	.3320		
* 133B	.6177	162D	-.1470	* 232B	.7813			* 334E	.4977		
* 132B	.6643			* 231B	.4965			* 333E	.7408		
* 131B	-.2688			* 230B	-1.6171			* 332E	.5947		
* 130B	-1.5834			* 215B	-3.8817			* 331E	-.4805		
* 115B	-1.6712			* 216B	-2.5086			* 314E	-3.3882		
* 116B	-1.2490			* 217B	-3.2627			* 315E	-2.5600		
* 117B	-2.4229			* 218B	-3.1513			* 316E	-2.4743		
* 118B	-3.0313			* 219B	-2.6114			* 317E	-2.4658		
* 119B	-2.9627			* 220B	-3.1770			* 318E	-2.1573		
* 120B	-2.5943			* 222B	-1.4242			* 319E	-2.3458		
* 121B	-1.7692			* 223B	-1.2203			* 320E	-1.4032		
* 122B	-1.3133			* 224B	-1.1206			* 321E	-1.0623		
* 123B	-1.1094			* 225B	-1.0209			* 322E	-.9015		
* 124B	-.9783			* 226B	-1.0444			* 323E	-.7886		
* 125B	-.8719			* 227B	-.9279			* 324E	-.6229		
* 126B	-.7677			* 228B	-.8898			* 325E	-.5272		
* 127B	-.7173			* 229B	-.8595			* 326E	-.4130		

TABLE 102.- TABULATED PRESSURE DATA FOR RUN 48 AT ALPHA = 12.332 DEGREES AND QINF = 2.89 KN/SQM ( 60.43 LB/SQFT )

*****											
* TAP ID	WING STATION A		* CP	* TAP ID	WING STATION B		* CP	* TAP ID	WING STATION C		* CP
	CP	TAP ID			CP	TAP ID			CP	TAP ID	
* 114A	-.0418	1288	* -.6638	* 214A	-.1012	255C	* .3981	* 313A	-.3223	327E	* -.4311
* 113A	-.2111	1298	* -.6883	* 213A	-.3162	254C	* .5593	* 312A	-.3370	328E	* -.4127
* 112A	-.3013	157C	* .2670	* 212A	-.3553	253C	* .5948	* 311A	-.3003	329E	* -.3883
* 111A	-.2030	156C	* .3735	* 211A	-.2673	252C	* .6467	* 310A	-.0275	330E	* -.3419
* 110A	-.0190	155C	* .5620	* 210A	.0919	251C	* .6877	* 309A	.1516		*
* 109A	.2540	154C	* .6358	* 209A	.3649	243C	* .6658	* 308A	.4672		*
* 108A	.5866	153C	* .7260	* 208A	.7402	244C	* .1994	* 301A	.6890		*
* 101A	.6378	152C	* .0293	* 201A	.4160	245C	* -.3883	* 302A	.1857		*
* 102A	-.0361	144C	* .3544	* 202A	-.9744	246C	* -.9950	* 303A	-.8294		*
* 103A	-.7014	145C	* -.4998	* 203A	-1.4180	247C	* -.8456	* 304A	-1.0512		*
* 104A	-1.1194	146C	* -1.0876	* 204A	-1.2985	248C	* -.6370	* 305A	-1.0256		*
* 105A	-1.2303	147C	* -1.0497	* 206A	-1.3326	249C	* -.4541	* 307A	-1.5374		*
* 106A	-1.3326	148C	* -.7564	* 207A	-1.7250	250C	* -.3370	* 345E	.1444		*
* 107A	-1.4691	149C	* -.5400	* 242B	.7096	264D	* .0457	* 344E	.2092		*
* 142B	.5839	150C	* -.3816	* 241B	.5183	263D	* .4883	* 343E	.2141		*
* 141B	.5128	151C	* -.2768	* 240B	.4664	262D	* .5566	* 342E	.2104		*
* 140B	.5156	166D	* .0566	* 239B	.4582	261D	* .5456	* 341E	.1713		*
* 139B	.5074	165D	* .4609	* 238B	.4282	256D	* .5875	* 340E	.1285		*
* 138B	.4828	164D	* .5456	* 237B	.3741	257D	* -.4809	* 339E	-.0523		*
* 137B	.3762	158D	* .3667	* 236B	.3912	258D	* -.5500	* 338E	.0809		*
* 136B	.3189	159D	* -.0749	* 235B	.4621	259D	* -.3682	* 337E	.1615		*
* 135B	.3653	160D	* -.5433	* 234B	.5709	260D	* -.1920	* 336E	.2654		*
* 134B	.4582	161D	* -.0984	* 233B	.6808			* 335E	.4096		*
* 133B	.6440	162D	* -.1407	* 232B	.7798			* 334E	.5672		*
* 132B	.7041			* 231B	.5037			* 333E	.7370		*
* 131B	.1795			* 230B	-1.4147			* 332E	.6063		*
* 130B	-1.3941			* 215B	-3.7448			* 331E	-.2539		*
* 115B	-1.8722			* 216B	-3.2519			* 314E	-3.5664		*
* 116B	-1.7421			* 217B	-4.4035			* 315E	-3.2861		*
* 117B	-3.3799			* 218B	-4.0708			* 316E	-3.4311		*
* 118B	-4.0111			* 219B	-3.3543			* 317E	-3.2264		*
* 119B	-3.7638			* 220B	-3.8405			* 318E	-2.7316		*
* 120B	-3.0899			* 222B	-1.6430			* 319E	-2.8681		*
* 121B	-2.0891			* 223B	-1.4110			* 320E	-1.6739		*
* 122B	-1.5002			* 224B	-1.2705			* 321E	-1.2705		*
* 123B	-1.2214			* 225B	-1.1077			* 322E	-1.0457		*
* 124B	-1.0541			* 226B	-1.0920			* 323E	-.8893		*
* 125B	-.9036			* 227B	-.9459			* 324E	-.6657		*
* 126B	-.7720			* 228B	-.8790			* 325E	-.5618		*
* 127B	-.7084			* 229B	-.8222			* 326E	-.4787		*
*****											

TABLE 163 .- TABULATED PRESSURE DATA FOR RUN 48 AT ALPHA = 14.449 DEGREES AND QINF = 2.89 KN/SQM ( 60.32 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0247	128B	-.6067	* 214A	.1059	255C	.4132	* 313A	-.1903	327E	-.6505
* 113A	-.1342	129B	-.6380	* 213A	-.2466	254C	.5719	* 312A	-.2160	328E	-.5857
* 112A	-.2355	157C	.2517	* 212A	-.2674	253C	.6047	* 311A	-.1903	329E	-.5257
* 111A	-.1424	156C	.3721	* 211A	-.2013	252C	.6485	* 310A	.1156	330E	-.4633
* 110A	.1327	155C	.5610	* 210A	.2524	251C	.6669	* 309A	.3549		
* 109A	.4745	154C	.6130	* 209A	.5258	243C	.6704	* 308A	.6882		
* 108A	.7394	153C	.7005	* 208A	.7651	244C	.2156	* 301A	.7480		
* 101A	.5258	152C	.0327	* 201A	.4745	245C	-.3676	* 302A	-.3202		
* 102A	-.4313	144C	.3858	* 202A	-1.4652	246C	-.9597	* 303A	-1.4396		
* 103A	-1.1918	145C	-.4480	* 203A	-2.0036	247C	-.8089	* 304A	-1.4823		
* 104A	-1.5848	146C	-1.0167	* 204A	-1.7814	248C	-.6067	* 305A	-1.3285		
* 105A	-1.2259	147C	-.9765	* 206A	-1.6874	249C	-.4380	* 307A	-1.7472		
* 106A	-1.2858	148C	-.7039	* 207A	-2.0292	250C	-.3330	* 345E	.1071		
* 107A	-1.4054	149C	-.5732	* 242B	.7279	264D	.0327	* 344E	.1769		
* 142B	.5746	150C	-.4950	* 241B	.5199	263D	.4925	* 343E	.1891		
* 141B	.5035	151C	-.4391	* 240B	.4652	262D	.5610	* 342E	.1879		
* 140B	.5062	166D	.0327	* 239B	.4624	261D	.5664	* 341E	.1561		
* 139B	.4980	165D	.4542	* 238B	.4405	256D	.5865	* 340E	.1194		
* 138B	.4706	164D	.5473	* 237B	.3899	257D	-.4681	* 339E	-.0520		
* 137B	.4104	158D	.2714	* 236B	.4205	258D	-.5463	* 338E	.1010		
* 136B	.3311	159D	-.1263	* 235B	.4915	259D	-.3687	* 337E	.1891		
* 135B	.3721	160D	-.7988	* 234B	.6004	260D	-.2067	* 336E	.2981		
* 134B	.4816	161D	-.1576	* 233B	.7093			* 335E	.4425		
* 133B	.6622	162D	-.3877	* 232B	.7816			* 334E	.5869		
* 132B	.7142			* 231B	.5037			* 333E	.7338		
* 131B	.2490			* 230B	-1.3507			* 332E	.6016		
* 130B	-1.2289			* 215B	-3.6946			* 331E	-.1927		
* 115B	-1.7024			* 216B	-3.6100			* 314E	-3.5563		
* 116B	-1.6788			* 217B	-4.7722			* 315E	-3.5331		
* 117B	-3.1315			* 218B	-4.4475			* 316E	-3.7382		
* 118B	-3.6528			* 219B	-3.6613			* 317E	-3.5331		
* 119B	-3.3964			* 220B	-4.0660			* 318E	-2.9862		
* 120B	-2.7213			* 222B	-1.7138			* 319E	-2.9948		
* 121B	-2.1540			* 223B	-1.4658			* 320E	-1.6959		
* 122B	-1.5071			* 224B	-1.2938			* 321E	-1.2209		
* 123B	-1.1943			* 225B	-1.1251			* 322E	-1.0202		
* 124B	-1.0145			* 226B	-1.0837			* 323E	-.9235		
* 125B	-.8458			* 227B	-.9228			* 324E	-.8329		
* 126B	-.6782			* 228B	-.8535			* 325E	-.8047		
* 127B	-.5977			* 229B	-.7910			* 326E	-.7313		

TABLE 104 .- TABULATED PRESSURE DATA FOR RUN 48 AT ALPHA = 16.402 DEGREES AND QINF = 2.89 KN/SQM ( 60.34 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.1285	128B	-.6155	* 214A	.3041	255C	.4049	* 313A	-.0777	327E	-.8927
* 113A	-.0712	129B	-.6467	* 213A	-.1609	254C	.5636	* 312A	-.1352	328E	-.7752
* 112A	-.1889	157C	.1559	* 212A	-.2196	253C	.6073	* 311A	-.0985	329E	-.6956
* 111A	-.0849	156C	.3036	* 211A	-.0972	252C	.6539	* 310A	.2523	330E	-.5965
* 110A	.1583	155C	.5280	* 210A	.4146	251C	.6894	* 309A	.4659		
* 109A	.4488	154C	.6073	* 209A	.6624	243C	.6812	* 308A	.7307		
* 108A	.6709	153C	.6949	* 208A	.6026	244C	.2356	* 301A	.6794		
* 101A	.4659	152C	.0437	* 201A	.4317	245C	-.3117	* 302A	-.8754		
* 102A	-.5166	144C	.3994	* 202A	-2.4131	246C	-.8858	* 303A	-1.9945		
* 103A	-1.1915	145C	-.4479	* 203A	-2.6267	247C	-.7216	* 304A	-1.8408		
* 104A	-1.5588	146C	-1.0176	* 204A	-2.2764	248C	-.5540	* 305A	-1.6272		
* 105A	-1.5076	147C	-1.0086	* 206A	-1.8749	249C	-.4234	* 307A	-1.9518		
* 106A	-1.4990	148C	-.7227	* 207A	-2.2935	250C	-.3306	* 345E	.0618		
* 107A	-1.5674	149C	-.6099	* 242B	.7250	264D	.0136	* 344E	.1426		
* 142B	.5854	150C	-.5406	* 241B	.5280	263D	.4733	* 343E	.1524		
* 141B	.5088	151C	-.4736	* 240B	.4705	262D	.5499	* 342E	.1658		
* 140B	.5143	166D	-.1615	* 239B	.4760	261D	.5636	* 341E	.1377		
* 139B	.5088	165D	.3775	* 238B	.4514	256D	.5763	* 340E	.1096		
* 138B	.4842	164D	.4869	* 237B	.4143	257D	-.4814	* 339E	-.0569		
* 137B	.4103	158D	.2468	* 236B	.4522	258D	-.5641	* 338E	.1083		
* 136B	.3365	159D	-.1866	* 235B	.5171	259D	-.3843	* 337E	.2062		
* 135B	.3912	160D	-.8154	* 234B	.6223	250D	-.2346	* 336E	.3237		
* 134B	.5006	161D	-.1575	* 233B	.7300			* 335E	.4693		
* 133B	.6703	162D	-.3921	* 232B	.7679			* 334E	.6088		
* 132B	.7058			* 231B	.4926			* 333E	.7336		
* 131B	.2845			* 230B	-1.2879			* 332E	.6027		
* 130B	-1.1083			* 215B	-3.7109			* 331E	-.1511		
* 115B	-1.6528			* 216B	-3.9423			* 314E	-3.5163		
* 116B	-1.7468			* 217B	-5.1640			* 315E	-3.7031		
* 117B	-3.4298			* 218B	-4.7368			* 316E	-4.0278		
* 118B	-3.9338			* 219B	-4.0021			* 317E	-3.7117		
* 119B	-3.5066			* 220B	-4.2755			* 318E	-3.1222		
* 120B	-2.7549			* 222B	-1.7547			* 319E	-2.9684		
* 121B	-1.8083			* 223B	-1.4889			* 320E	-1.6784		
* 122B	-1.2823			* 224B	-1.2957			* 321E	-1.2072		
* 123B	-1.0332			* 225B	-1.1147			* 322E	-1.0163		
* 124B	-.8735			* 226B	-1.0522			* 323E	-1.0003		
* 125B	-.7272			* 227B	-.8791			* 324E	-.9734		
* 126B	-.6244			* 228B	-.8076			* 325E	-.9673		
* 127B	-.6132			* 229B	-.6959			* 326E	-.9526		

TABLE 185.- TABULATED PRESSURE DATA FOR PUN 48 AT ALPHA = 20.475 DEGREES AND QINF = 2.89 KN/SQM ( 60.41 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.3771	128B	-.6817	* 214A	.5360	255C	.3306	* 313A	.1596	327E	-1.0225
* 113A	.0218	129B	-.7364	* 213A	.0251	254C	.5274	* 312A	-.0287	328E	-.9430
* 112A	-.1914	157C	.1256	* 212A	-.0935	253C	.5684	* 311A	.1131	329E	-.8904
* 111A	-.0083	156C	.2787	* 211A	.0251	252C	.6231	* 310A	.4312	330E	-.7535
* 110A	.3630	155C	.5001	* 210A	.5592	251C	.6613	* 309A	.6446		
* 109A	.6446	154C	.5985	* 209A	.7555	243C	.6969	* 308A	.7214		
* 108A	.6787	153C	.6914	* 208A	.3800	244C	.2154	* 301A	.3630		
* 101A	.0216	152C	.0436	* 201A	-.3795	245C	-.3303	* 302A	-1.4547		
* 102A	-1.3694	144C	.4071	* 202A	-3.3748	246C	-.9294	* 303A	-3.1870		
* 103A	-2.0264	145C	-.5121	* 203A	-3.2809	247C	-.7955	* 304A	-2.6665		
* 104A	-2.2313	146C	-1.1313	* 204A	-2.8371	248C	-.6817	* 305A	-2.3166		
* 105A	-2.0008	147C	-1.1503	* 206A	-2.0179	249C	-.6081	* 307A	-2.1630		
* 106A	-1.8984	148C	-.8323	* 207A	-2.3593	250C	-.5568	* 345E	.0129		
* 107A	-1.8216	149C	-.6884	* 242B	.7379	264D	-.2297	* 344E	.1021		
* 142B	.5274	150C	-.6137	* 241B	.5329	263D	.4099	* 343E	.1253		
* 141B	.5192	151C	-.5333	* 240B	.4481	262D	.5055	* 342E	.1424		
* 140B	.5192	166D	-.1723	* 239B	.4618	261D	.5329	* 341E	.1241		
* 139B	.5165	165D	.3771	* 238B	.4509	256D	.5121	* 340E	.0874		
* 138B	.4946	164D	.4919	* 237B	.3991	257D	-.7498	* 339E	-.0813		
* 137B	.4372	158D	.2064	* 236B	.4492	258D	-.8446	* 338E	.1009		
* 136B	.3853	159D	-.2067	* 235B	.5348	259D	-.6360	* 337E	.2207		
* 135B	.4536	160D	-.9328	* 234B	.6412	260D	-.5010	* 336E	.3539		
* 134B	.5711	161D	-.1841	* 233B	.7353			* 335E	.4871		
* 133B	.7078	162D	-.4742	* 232B	.7634			* 334E	.6118		
* 132B	.7133			* 231B	.5043			* 333E	.7182		
* 131B	.3552			* 230B	-1.0934			* 332E	.6045		
* 130B	-.9184			* 215B	-3.4468			* 331E	.0068		
* 115B	-1.5635			* 216B	-4.0574			* 314E	-2.5663		
* 116B	-1.9070			* 217B	-5.2095			* 315E	-3.9294		
* 117B	-3.7161			* 218B	-4.7145			* 316E	-2.9651		
* 118B	-4.2537			* 219B	-3.8441			* 317E	-2.5299		
* 119B	-3.8185			* 220B	-3.9124			* 318E	-1.7790		
* 120B	-2.8457			* 222B	-1.3790			* 319E	-1.4120		
* 121B	-1.8376			* 223B	-1.1347			* 320E	-1.0707		
* 122B	-1.2485			* 224B	-1.0343			* 321E	-1.1875		
* 123B	-1.0231			* 225B	-.9026			* 322E	-1.0237		
* 124B	-.8870			* 226B	-.8480			* 323E	-1.0200		
* 125B	-.7342			* 227B	-.7643			* 324E	-.9870		
* 126B	-.6717			* 228B	-.7520			* 325E	-1.0188		
* 127B	-.6616			* 229B	-.7297			* 326E	-1.0212		

TABLE 186 .- TABULATED PRESSURE DATA FOR RUN 48 AT ALPHA = 24.489 DEGREES AND QINF = 2.90 KN/SQM ( 60.53 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5846	128B	-.7418	* 214A	.6054	255C	.3036	* 313A	.3139	327E	-.8365
* 113A	.3609	129B	-.7852	* 213A	.2419	254C	.5082	* 312A	.1297	328E	-.8048
* 112A	-.1192	157C	.1154	* 212A	.1053	253C	.5600	* 311A	.1687	329E	-.7767
* 111A	.0718	156C	.2709	* 211A	.1870	252C	.6200	* 310A	.4994	330E	-.7584
* 110A	.5505	155C	.5109	* 210A	.6953	251C	.6555	* 309A	.6698		
* 109A	.6868	154C	.6091	* 209A	.7720	243C	.6982	* 308A	.6357		
* 108A	.4143	153C	.7046	* 208A	-.0541	244C	.2147	* 301A	.0821		
* 101A	-.7525	152C	.0636	* 201A	-1.1187	245C	-.3576	* 302A	-2.8475		
* 102A	-2.4302	144C	.3936	* 202A	-4.3379	246C	-1.0012	* 303A	-3.5033		
* 103A	-2.9668	145C	-.5692	* 203A	-3.8610	247C	-.8876	* 304A	-2.8986		
* 104A	-2.9838	146C	-1.2350	* 204A	-3.3756	248C	-.7763	* 305A	-2.1321		
* 105A	-2.5750	147C	-1.2629	* 206A	-2.0981	249C	-.7373	* 307A	-2.1236		
* 106A	-2.2769	148C	-.9277	* 207A	-2.2514	250C	-.6916	* 345E	.0370		
* 107A	-2.1492	149C	-.7863	* 242B	.7237	264D	-.3156	* 344E	.1272		
* 142B	.6173	150C	-.6872	* 241B	.5600	263D	.3773	* 343E	.1443		
* 141B	.5246	151C	-.6371	* 240B	.4455	262D	.4809	* 342E	.1590		
* 140B	.5273	166D	-.2146	* 239B	.4537	261D	.5218	* 341E	.1285		
* 139B	.5218	165D	.3691	* 238B	.4509	256D	.4619	* 340E	.1053		
* 138B	.5082	164D	.4809	* 237B	.4225	257D	-.9166	* 339E	-.0570		
* 137B	.4482	158D	.1568	* 236B	.4896	258D	-1.0068	* 338E	.1443		
* 136B	.4318	159D	-.3075	* 235B	.5676	259D	-.7774	* 337E	.2566		
* 135B	.5137	160D	-.9990	* 234B	.6664	260D	-.6415	* 336E	.3846		
* 134B	.6146	161D	-.2084	* 233B	.7531			* 335E	.5298		
* 133B	.7319	162D	-.5736	* 232B	.7567			* 334E	.6469		
* 132B	.7073			* 231B	.5335			* 333E	.7201		
* 131B	.3991			* 230B	-.8255			* 332E	.5823		
* 130B	-.7138			* 215B	-3.0177			* 331E	-.0374		
* 115B	-1.4284			* 216B	-3.6821			* 314E	-2.9762		
* 116B	-2.1236			* 217B	-4.6360			* 315E	-3.5033		
* 117B	-4.2868			* 218B	-3.9547			* 316E	-3.9547		
* 118B	-4.7126			* 219B	-2.7879			* 317E	-3.4948		
* 119B	-4.1846			* 220B	-2.7539			* 318E	-2.5580		
* 120B	-3.1030			* 222B	-1.1214			* 319E	-2.1407		
* 121B	-1.9332			* 223B	-1.0235			* 320E	-1.2635		
* 122B	-1.2940			* 224B	-.9511			* 321E	-1.0658		
* 123B	-1.0056			* 225B	-.8921			* 322E	-.9768		
* 124B	-.8353			* 226B	-.8542			* 323E	-.9219		
* 125B	-.7340			* 227B	-.7974			* 324E	-.8914		
* 126B	-.7084			* 228B	-.7963			* 325E	-.8962		
* 127B	-.7206			* 229B	-.7885			* 326E	-.8706		

TABLE 187 .- TABULATED PRESSURE DATA FOR RUN 48 AT ALPHA = 28.492 DEGREES AND QINF = 2.89 KN/SQM ( 60.42 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5608	128B	-.8498	* 214A	.6011	255C	.3094	* 313A	.4459	327E	-.8312
* 113A	.6455	129B	-.8722	* 213A	.4911	254C	.5143	* 312A	.3115	328E	-.8104
* 112A	-.0158	157C	.0826	* 212A	.3139	253C	.5635	* 311A	.3286	329E	-.7994
* 111A	.1727	156C	.2547	* 211A	.3493	252C	.6264	* 310A	.6168	330E	-.7738
* 110A	.6765	155C	.5061	* 210A	.7448	251C	.6592	* 309A	.7362		
* 109A	.6850	154C	.6127	* 209A	.6339	243C	.6974	* 308A	.4718		
* 108A	.1049	153C	.7029	* 208A	-.8422	244C	.2221	* 301A	-.4582		
* 101A	-1.5247	152C	.0826	* 201A	-2.5315	245C	-.3724	* 302A	-4.1099		
* 102A	-3.6577	144C	.3859	* 202A	-5.9187	246C	-1.0272	* 303A	-4.5109		
* 103A	-3.9478	145C	-.5844	* 203A	-4.9801	247C	-.9402	* 304A	-3.6577		
* 104A	-3.7942	146C	-1.3105	* 204A	-3.3761	248C	-.8253	* 305A	-2.1731		
* 105A	-2.8984	147C	-1.2804	* 206A	-2.4035	249C	-.7818	* 307A	-2.1220		
* 106A	-2.6168	148C	-1.0127	* 207A	-2.4120	250C	-.7316	* 345E	.0389		
* 107A	-2.3950	149C	-.9000	* 242B	.7247	264D	-.3219	* 344E	.1391		
* 142B	.6154	150C	-.8643	* 241B	.6400	263D	.3886	* 343E	.1648		
* 141B	.5335	151C	-.8387	* 240B	.4925	262D	.4925	* 342E	.1795		
* 140B	.5307	166D	-.3219	* 239B	.5007	261D	.5416	* 341E	.1538		
* 139B	.5335	165D	.3531	* 238B	.4952	256D	.4330	* 340E	.1318		
* 138B	.5225	164D	.4952	* 237B	.4654	257D	-.9357	* 339E	-.0234		
* 137B	.4624	158D	.0582	* 236B	.5339	258D	-1.0752	* 338E	.1844		
* 136B	.4815	159D	-.4293	* 235B	.6145	259D	-.8498	* 337E	.3017		
* 135B	.5690	160D	-1.2782	* 234B	.7001	260D	-.6914	* 336E	.4337		
* 134B	.6701	161D	-.2475	* 233B	.7612			* 335E	.5620		
* 133B	.7630	162D	-.7394	* 232B	.7355			* 334E	.6585		
* 132B	.7138			* 231B	.5253			* 333E	.7062		
* 131B	.4569			* 230B	-.7151			* 332E	.5779		
* 130B	-.5022			* 215B	-2.9467			* 331E	.0475		
* 115B	-1.4122			* 216B	-3.7771			* 314E	-2.6583		
* 116B	-2.3608			* 217B	-4.6389			* 315E	-3.2055		
* 117B	-4.6815			* 218B	-3.9478			* 316E	-3.6492		
* 118B	-4.9972			* 219B	-2.7618			* 317E	-3.0775		
* 119B	-4.4256			* 220B	-2.4718			* 318E	-2.0878		
* 120B	-3.1799			* 222B	-1.0841			* 319E	-1.4650		
* 121B	-1.8660			* 223B	-1.0160			* 320E	-1.0640		
* 122B	-1.1923			* 224B	-.9435			* 321E	-.9791		
* 123B	-.8610			* 225B	-.9101			* 322E	-.9669		
* 124B	-.7528			* 226B	-.8777			* 323E	-.9009		
* 125B	-.7394			* 227B	-.8286			* 324E	-.8593		
* 126B	-.7807			* 228B	-.8141			* 325E	-.8642		
* 127B	-.8242			* 229B	-.8119			* 326E	-.8422		



TABLE 188.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 48

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.966	-.13157	.33099	.15784	.04579	-.14373	.08274	.10462	.04051	-.13496	-.03344
.214	-.09022	.78509	.18504	.05655	-.09583	.76250	.20358	.07540	-.10642	.37009
4.284	-.05141	1.15107	.18370	.05692	-.08372	1.24601	.23438	.08912	-.11405	.77271
8.348	-.00220	1.42026	.17994	.05667	.00347	1.63456	.23873	.08974	-.04051	1.08793
12.332	.09444	1.64371	.17251	.05578	.15250	1.90988	.23141	.09028	.09026	1.31706
14.449	.12681	1.58220	.17463	.07284	.22786	1.99515	.22809	.09133	.15803	1.45549
16.402	.15129	1.51513	.17572	.06594	.29999	2.05733	.21842	.09226	.21856	1.56957
20.475	.23906	1.59036	.18750	.07237	.38189	1.88328	.23235	.11346	.33643	1.38252
24.489	.34162	1.68683	.20300	.07317	.45102	1.67671	.24790	.12661	.37217	1.44886
28.492	.43046	1.73050	.21986	.09048	.52570	1.68318	.25656	.13401	.44996	1.36801

TABLE 129.- AXIAL-CHOPD FORCE COEFFICIENT FOR PUN 48

ALPHA	COMPONENT-STATION									
	A-A	P-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.966	-.01849	-.03951	-.00563	.00050	-.00376	-.00201	-.00342	-.00339	-.01142	-.01531
.214	-.00543	-.06080	-.00308	-.00018	-.00179	-.05834	.01394	-.00190	-.01094	-.06362
4.284	.00872	-.08592	-.00288	-.00005	.01012	-.11477	.01764	-.00157	-.00466	-.11237
8.348	.04242	-.14917	-.00269	.00004	.03661	-.17814	.01764	-.00143	.02728	-.16598
12.332	.05999	-.19879	-.00225	.00014	.04609	-.22351	.01738	-.00125	.04860	-.20653
14.449	.05797	-.18211	.00038	-.00029	.04865	-.24212	.01739	-.00111	.05108	-.21009
16.402	.05831	-.19691	.00154	-.00086	.04089	-.26326	.01771	-.00111	.04672	-.20794
20.475	.05520	-.20772	.00169	-.00110	.01898	-.26479	.02316	-.00232	.04362	-.13715
24.489	.03732	-.22783	.00217	-.00165	-.00929	-.21738	.02637	-.00313	.02306	-.18255
28.492	.01329	-.24209	.00451	-.00274	-.05932	-.21727	.02766	-.00319	-.00102	-.15594

TABLE 196 .- PITCHING-MOMENT COEFFICIENT FOR RUN 48

ALPHA	COMPONENT-STATION									
	A-A	F-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.966	.00250	-.21075	-.01082	-.00191	.01008	-.07182	-.01101	-.00200	.01006	-.01290
.214	.00498	-.36684	-.01243	-.00216	.00595	-.34231	-.01982	-.00357	.00727	-.17853
4.224	.00179	-.45462	-.01237	-.00213	.00434	-.46083	-.02243	-.00424	.00686	-.26538
8.348	-.00145	-.51253	-.01208	-.00219	-.00136	-.55333	-.02285	-.00431	.00139	-.32979
12.332	-.00752	-.55840	-.01161	-.00217	-.01120	-.61734	-.02205	-.00441	-.00750	-.39077
14.449	-.00883	-.53591	-.01229	-.00312	-.01659	-.63102	-.02183	-.00449	-.01187	-.45868
16.402	-.01085	-.50690	-.01226	-.00270	-.02113	-.63587	-.02099	-.00455	-.01581	-.52127
20.475	-.01613	-.52807	-.01296	-.00303	-.02613	-.56893	-.02293	-.00564	-.02376	-.52176
24.489	-.02207	-.55274	-.01408	-.00334	-.02986	-.54072	-.02477	-.00634	-.02489	-.49528
28.492	-.02656	-.56824	-.01565	-.00390	-.03357	-.55379	-.02574	-.00676	-.02847	-.48967

TABLE 191 .- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 48 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.89 (60.29)	-5.94	-.0265	.1494	-.2150	.0029	.0023	-.0140
.203	2.89 (60.35)	-3.97	.2210	.1229	-.2212	.0025	.0022	-.0068
.203	2.89 (60.38)	-1.84	.4989	.1062	-.2590	.0014	.0008	-.0023
.203	2.88 (60.25)	.21	.8590	.0979	-.3081	.0014	.0017	-.0042
.203	2.89 (60.31)	2.21	1.1099	.1088	-.3025	-.0004	.0022	-.0019
.203	2.88 (60.19)	4.28	1.3560	.1221	-.2851	.0002	.0024	-.0020
.203	2.89 (60.30)	6.31	1.5580	.1420	-.2685	-.0008	.0021	-.0022
.203	2.88 (60.11)	8.35	1.7600	.1676	-.2403	-.0023	.0015	.0027
.203	2.87 (59.90)	10.38	1.9295	.1961	-.2163	-.0043	.0009	.0024
.203	2.89 (60.38)	12.33	2.1149	.2262	-.1755	-.0055	.0009	.0043
.203	2.89 (60.29)	13.47	2.1965	.2410	-.1589	-.0058	.0010	.0026
.203	2.89 (60.27)	14.45	2.1988	.2743	-.1625	-.0134	-.0012	.0182
.203	2.88 (60.25)	15.39	2.2297	.2963	-.1570	-.0159	-.0022	.0225
.203	2.89 (60.29)	16.40	2.2725	.3178	-.1303	-.0148	.0001	.0183
.203	2.89 (60.36)	17.46	2.2307	.3601	-.1503	-.0075	.0007	.0047
.203	2.88 (60.19)	18.48	2.2612	.3899	-.1271	-.0155	-.0026	.0084
.203	2.89 (60.35)	20.47	2.2675	.4626	-.0532	-.0269	-.0106	.0181
.203	2.89 (60.30)	22.48	2.2862	.5295	-.0068	-.0353	-.0154	.0201
.204	2.90 (60.48)	24.49	2.2845	.6030	.0716	-.0258	-.0123	.0098
.203	2.89 (60.41)	26.55	2.2232	.6758	.1287	-.0087	-.0007	.0040
.203	2.89 (60.37)	28.49	2.2625	.7492	.1598	-.0090	-.0004	.0053

TABLE 192.- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = -3.979 DEGREES AND QINF = 2.89 KN/SQM ( 60.34 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.6867	128B	-.5785	* 214A	-.5254	255C	.1615	* 313A	-.7175	327E	-.3186
* 113A	-.5882	129B	-.7761	* 213A	-.5229	254C	.0602	* 312A	-.6955	328E	-.2391
* 112A	-.7086	157C	.1888	* 212A	-.5217	253C	-.0465	* 311A	-.6881	329E	-.1510
* 111A	-.5663	156C	.2901	* 211A	-.5278	252C	-.0766	* 310A	-.6958	330E	-.0592
* 110A	-.6531	155C	.3968	* 210A	-.5079	251C	-.2572	* 309A	-.6787		
* 109A	-.6617	154C	.4241	* 209A	-.4823	243C	-.5444	* 308A	-.6531		
* 108A	-.6531	153C	.4105	* 208A	-.4408	244C	-.3573	* 301A	-.6617		
* 101A	-.6787	152C	-.0738	* 201A	-.4310	245C	-.5170	* 302A	-.3797		
* 102A	.2353	144C	-.2271	* 202A	.4831	246C	-.6600	* 303A	.6112		
* 103A	.7394	145C	-.6600	* 203A	.7992	247C	-.6242	* 304A	.7650		
* 104A	.7735	146C	-1.1391	* 204A	.7650	248C	-.5047	* 305A	.6625		
* 105A	.6198	147C	-1.0732	* 206A	.4318	249C	-.3393	* 307A	.1243		
* 106A	.4404	148C	-.8934	* 207A	.0218	250C	-.2630	* 345E	.0130		
* 107A	.0901	149C	-.6445	* 242B	-.0930	264D	.0767	* 344E	-.0580		
* 142B	.2819	150C	-.4712	* 241B	-.1231	263D	.2217	* 343E	-.0812		
* 141B	.2846	151C	-.3506	* 240B	-.1669	262D	.2408	* 342E	-.1436		
* 140B	.1861	166D	.1177	* 239B	-.3666	261D	.1697	* 341E	-.2060		
* 139B	.1505	165D	.3995	* 238B	-.3830	256D	-.1529	* 340E	-.2941		
* 138B	.1013	164D	.4515	* 237B	-.4936	257D	-.3104	* 339E	-.3883		
* 137B	.4433	158D	.0895	* 236B	-.5560	258D	-.2590	* 338E	-.4997		
* 136B	-.2024	159D	.2380	* 235B	-.5389	259D	-.1216	* 337E	-.6123		
* 135B	-.3830	160D	-.5126	* 234B	-.5303	260D	-.0490	* 336E	-.7359		
* 134B	-.5143	161D	-.1551	* 233B	-.5401			* 335E	-.7909		
* 133B	-.5609	162D	-.1094	* 232B	-.5413			* 334E	-.7493		
* 132B	-.5937			* 231B	-.5597			* 333E	-.7420		
* 131B	-.6019			* 230B	-.5523			* 332E	-.7640		
* 130B	-.6539			* 215B	-.5413			* 331E	-.7726		
* 115B	-.8564			* 216B	-.6019			* 314E	-.7811		
* 116B	-.7556			* 217B	.0901			* 315E	-.9179		
* 117B	.3293			* 218B	-.2089			* 316E	-.0722		
* 118B	-.5421			* 219B	-.5421			* 317E	.0474		
* 119B	-.8838			* 220B	-.6019			* 318E	-.3797		
* 120B	-.8069			* 222B	-.4567			* 319E	-.1747		
* 121B	-.5907			* 223B	-.4612			* 320E	-.3285		
* 122B	-.5327			* 224B	-.4612			* 321E	-.3137		
* 123B	-.5137			* 225B	-.4779			* 322E	-.3357		
* 124B	-.5114			* 226B	-.6097			* 323E	-.3418		
* 125B	-.5304			* 227B	-.5550			* 324E	-.3418		
* 126B	-.5315			* 228B	-.5963			* 325E	-.3761		
* 127B	-.5360			* 229B	-.6287			* 326E	-.3761		

TABLE 193 .- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = .174 DEGREES AND QINF = 2.88 KN/SQM ( 60.24 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.4015	1288	-.6770	* 214A	-.3512	255C	.3358	* 313A	-.4308	327E	-.2899
* 113A	-.3905	1298	-.8113	* 213A	-.3401	254C	.4619	* 312A	-.4529	328E	-.1906
* 112A	-.4070	157C	.1988	* 212A	-.3364	253C	.4646	* 311A	-.4750	329E	-.1268
* 111A	-.4316	156C	.3166	* 211A	-.3340	252C	.4893	* 310A	-.5786	330E	-.0680
* 110A	-.4930	155C	.5139	* 210A	-.3818	251C	.5139	* 309A	-.5957		
* 109A	-.4673	154C	.5907	* 209A	-.3732	243C	.3851	* 308A	-.5957		
* 108A	-.6128	153C	.6784	* 208A	-.5016	244C	.0782	* 301A	-.6898		
* 101A	-.1849	152C	-.0671	* 201A	-.5016	245C	-.4186	* 302A	.2173		
* 102A	.6109	144C	.2344	* 202A	.7050	246C	-.8896	* 303A	.7906		
* 103A	.7649	145C	-.6524	* 203A	.7307	247C	-.8437	* 304A	.6708		
* 104A	.5852	146C	-1.2846	* 204A	.5596	248C	-.6782	* 305A	.4997		
* 105A	.3627	147C	-1.2253	* 206A	.1574	249C	-.4991	* 307A	-.0566		
* 106A	.1488	148C	-.9332	* 207A	-.2192	250C	-.3548	* 345E	.1882		
* 107A	-.1593	149C	-.6837	* 242B	.4728	264D	.0699	* 344E	.2127		
* 142B	.5249	150C	-.4857	* 241B	.3988	263D	.3961	* 343E	.2115		
* 141B	.4153	151C	-.3682	* 240B	.3029	262D	.4482	* 342E	.1894		
* 140B	.4153	166D	.0507	* 239B	.2892	261D	.4646	* 341E	.1465		
* 139B	.4125	165D	.4345	* 238B	.2536	256D	.4351	* 340E	.0913		
* 138B	.3714	164D	.5249	* 237B	.2041	257D	-.4577	* 339E	.0411		
* 137B	.3468	158D	.3176	* 236B	.1882	258D	-.5226	* 338E	-.0018		
* 136B	.1275	159D	.2628	* 235B	.0705	259D	-.3336	* 337E	.0619		
* 135B	.1768	160D	-.6379	* 234B	-.2396	260D	-.1456	* 336E	.0901		
* 134B	.0206	161D	-.1780	* 233B	-.4296			* 335E	-.1906		
* 133B	-.4782	162D	-.1624	* 232B	-.4578			* 334E	-.6257		
* 132B	-.5139			* 231B	-.4492			* 333E	-.6870		
* 131B	-.4919			* 230B	-.5706			* 332E	-.6670		
* 130B	-.5166			* 215B	-.6919			* 331E	-.7348		
* 115B	-.5029			* 216B	-.7069			* 314E	-.7532		
* 116B	-.4930			* 217B	-.9808			* 315E	-.6813		
* 117B	-.6385			* 218B	-1.1776			* 316E	-.7583		
* 118B	-1.1605			* 219B	-1.2717			* 317E	-.8781		
* 119B	-1.4429			* 220B	-1.3573			* 318E	-.9209		
* 120B	-1.3916			* 222B	-.8225			* 319E	-.9551		
* 121B	-1.0116			* 223B	-.7632			* 320E	-.7497		
* 122B	-.8247			* 224B	-.7296			* 321E	-.6245		
* 123B	-.7643			* 225B	-.7039			* 322E	-.5497		
* 124B	-.7140			* 226B	-.7733			* 323E	-.5191		
* 125B	-.7016			* 227B	-.7285			* 324E	-.4517		
* 126B	-.6647			* 228B	-.7498			* 325E	-.4308		
* 127B	-.6547			* 229B	-.7654			* 326E	-.3757		

TABLE 194 .- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = 4.253 DEGREES AND QINF = 2.89 KN/SQM ( 60.38 LB/SQFT )

*****													
WING STATION A				WING STATION B				WING STATION C					
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1438	1288	-.6886	214A	-.4543	255C	.3648	313A	-.5044	327E	-.3222		
113A	-.1493	129B	-.7802	213A	-.5338	254C	.5152	312A	-.6658	328E	-.2537		
112A	-.3598	157C	.2172	212A	-.5631	253C	.5508	311A	-.6255	329E	-.2293		
111A	-.2039	156C	.3320	211A	-.4971	252C	.6109	310A	-.6858	330E	-.1779		
110A	-.4979	155C	.5344	210A	-.6516	251C	.6547	309A	-.7028				
109A	-.6175	154C	.6191	209A	-.6516	243C	.6027	308A	-.9675				
108A	-.4296	153C	.7039	208A	-.4040	244C	.1418	301A	-.6858				
101A	.2961	152C	-.0536	201A	-.0198	245C	-.4129	302A	.6119				
102A	.7315	144C	.2390	202A	.7485	246C	-.9945	303A	.6546				
103A	.5693	145C	-.6071	203A	.4327	247C	-.8862	304A	.3302				
104A	.2534	146C	-1.2010	204A	.1509	248C	-.7076	305A	.1509				
105A	-.0711	147C	-1.1697	206A	-.2589	249C	-.5078	307A	-.4553				
106A	-.2247	148C	-.8728	207A	-.6943	250C	-.3627	345E	.2159				
107A	-.5321	149C	-.6440	242B	.6191	264D	.0449	344E	.2673				
142B	.5289	150C	-.4520	241B	.4222	263D	.4551	343E	.2721				
141B	.4523	151C	-.3393	240B	.3894	262D	.5234	342E	.2599				
140B	.4523	166D	.0394	239B	.3676	261D	.5097	341E	.2024				
139B	.4441	165D	.4386	238B	.3047	256D	.6151	340E	.1303				
138B	.4168	164D	.5316	237B	.2024	257D	-.5324	339E	.0594				
137B	.3676	158D	.3472	236B	.2086	258D	-.5882	338E	.0080				
136B	.1789	159D	.2836	235B	.2587	259D	-.3973	337E	.0349				
135B	.1734	160D	-.6228	234B	.3773	260D	-.1807	336E	.1264				
134B	.2883	161D	-.1629	233B	.5754			335E	.2648				
133B	.6929	162D	-.1651	232B	.7613			334E	.4739				
132B	-.2969			231B	-.0703			333E	.7503				
131B	-.6141			230B	-2.1468			332E	.0496				
130B	-.9778			215B	-2.4868			331E	-1.4864				
115B	-.7235			216B	-1.4285			314E	-2.4452				
116B	-.7541			217B	-1.9408			315E	-2.0262				
117B	-1.4798			218B	-2.0603			316E	-1.3090				
118B	-2.0945			219B	-1.9152			317E	-1.5993				
119B	-2.1884			220B	-2.1372			318E	-1.4712				
120B	-1.9750			222B	-1.1173			319E	-1.7186				
121B	-1.3963			223B	-1.0079			320E	-1.0614				
122B	-1.0838			224B	-.9420			321E	-.8933				
123B	-.9554			225B	-.8594			322E	-.7784				
124B	-.8639			226B	-.9297			323E	-.6817				
125B	-.7958			227B	-.8315			324E	-.5668				
126B	-.7288			228B	-.8262			325E	-.5020				
127B	-.6987			229B	-.8170			326E	-.4090				

TABLE 195 .- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = 8.317 DEGREES AND QINF = 2.88 KN/SQM ( 60.25 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.2504	* 128B	-.7035	* 214A	-.4464	* 255C	.3908	* 313A	-.5212	* 327E	-.3667
* 113A	-.3354	* 129B	-.7449	* 213A	-.5089	* 254C	.5497	* 312A	-.5236	* 328E	-.2908
* 112A	-.4066	* 157C	.2374	* 212A	-.5101	* 253C	.5689	* 311A	-.4746	* 329E	-.2663
* 111A	-.3463	* 156C	.3552	* 211A	-.4905	* 252C	.6210	* 310A	-.3386	* 330E	-.2393
* 110A	-.3301	* 155C	.5470	* 210A	-.3215	* 251C	.6758	* 309A	-.3215		
* 109A	-.1333	* 154C	.6292	* 209A	-.2189	* 243C	.6484	* 308A	-.1504		
* 108A	.2004	* 153C	.7032	* 208A	.3886	* 244C	.1567	* 301A	.3373		
* 101A	.6624	* 152C	-.0202	* 201A	.2859	* 245C	-.4339	* 302A	.7308		
* 102A	.5683	* 144C	.3223	* 202A	.2859	* 246C	-1.0346	* 303A	.0635		
* 103A	.1405	* 145C	-.5625	* 203A	-.2360	* 247C	-.9071	* 304A	-.3215		
* 104A	-.3643	* 146C	-1.1722	* 204A	-.4670	* 248C	-.7068	* 305A	-.4499		
* 105A	-.5269	* 147C	-1.1274	* 206A	-.7664	* 249C	-.4999	* 307A	-1.0060		
* 106A	-.7579	* 148C	-.8153	* 207A	-1.1343	* 250C	-.3623	* 345E	.2093		
* 107A	-.9803	* 149C	-.5972	* 242B	.6676	* 264D	.0538	* 344E	.2705		
* 142B	.5552	* 150C	-.4194	* 241B	.4593	* 263D	.4758	* 343E	.2779		
* 141B	.4912	* 151C	-.3164	* 240B	.4210	* 262D	.5443	* 342E	.2669		
* 140B	.4977	* 166D	.0538	* 239B	.4264	* 261D	.5415	* 341E	.2142		
* 139B	.5004	* 165D	.4648	* 238B	.3689	* 256D	.5997	* 340E	.1517		
* 138B	.4621	* 164D	.5497	* 237B	.2852	* 257D	-.5111	* 339E	.1088		
* 137B	.3853	* 158D	.3637	* 236B	.3024	* 258D	-.5782	* 338E	.0708		
* 136B	.2538	* 159D	.3122	* 235B	.3600	* 259D	-.3836	* 337E	.1210		
* 135B	.2730	* 160D	-.5816	* 234B	.4715	* 260D	-.1833	* 336E	.2276		
* 134B	.3716	* 161D	-.1252	* 233B	.6174			* 335E	.3698		
* 133B	.6183	* 162D	-.1498	* 232B	.7804			* 334E	.5267		
* 132B	.6566			* 231B	.4936			* 333E	.7497		
* 131B	-.1956			* 230B	-1.6278			* 332E	.6051		
* 130B	-1.6069			* 215B	-3.8926			* 331E	-.4317		
* 115B	-1.6754			* 216B	-2.5033			* 314E	-3.4686		
* 116B	-1.2456			* 217B	-3.2990			* 315E	-2.7001		
* 117B	-2.5289			* 218B	-3.1279			* 316E	-2.6487		
* 118B	-3.0423			* 219B	-2.6744			* 317E	-2.5803		
* 119B	-3.0509			* 220B	-3.0594			* 318E	-2.2209		
* 120B	-2.6059			* 222B	-1.4183			* 319E	-2.4348		
* 121B	-1.7606			* 223B	-1.2382			* 320E	-1.4766		
* 122B	-1.3400			* 224B	-1.1274			* 321E	-1.1437		
* 123B	-1.1129			* 225B	-1.0133			* 322E	-.9820		
* 124B	-.9854			* 226B	-1.0424			* 323E	-.8655		
* 125B	-.8690			* 227B	-.9171			* 324E	-.6952		
* 126B	-.7684			* 228B	-.8936			* 325E	-.5972		
* 127B	-.7236			* 229B	-.8534			* 326E	-.4795		



TABLE 196 .- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = 12.382 DEGREES AND QINF = 2.88 KN/SQM ( 60.12 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0473	128B	-.6659	* 214A	-.0763	255C	.4003	* 313A	-.2704	327E	-.4718
* 113A	-.2066	129B	-.6860	* 213A	-.3122	254C	.5596	* 312A	-.3011	328E	-.4030
* 112A	-.2917	157C	.2575	* 212A	-.3294	253C	.5898	* 311A	-.2471	329E	-.3699
* 111A	-.2094	156C	.3674	* 211A	-.2950	252C	.6337	* 310A	-.0159	330E	-.3367
* 110A	-.0159	155C	.5514	* 210A	.0956	251C	.6832	* 309A	.1985		
* 109A	.2671	154C	.6337	* 209A	.3614	243C	.6722	* 308A	.5415		
* 108A	.6272	153C	.7161	* 208A	.7387	244C	.2041	* 301A	.7301		
* 101A	.6529	152C	.0323	* 201A	.3185	245C	-.3867	* 302A	-.0159		
* 102A	-.0845	144C	.3591	* 202A	-.9334	246C	-.9921	* 303A	-1.0877		
* 103A	-.7190	145C	-.4977	* 203A	-1.4393	247C	-.8340	* 304A	-1.2592		
* 104A	-1.1906	146C	-1.0751	* 204A	-1.3278	248C	-.6289	* 305A	-1.1820		
* 105A	-1.2335	147C	-1.0459	* 206A	-1.3878	249C	-.4551	* 307A	-1.6536		
* 106A	-1.3449	148C	-.7298	* 207A	-1.7908	250C	-.3329	* 345E	.1914		
* 107A	-1.4736	149C	-.5347	* 242B	.7189	264D	.0268	* 344E	.2565		
* 142B	.5212	150C	-.3755	* 241B	.5129	263D	.4690	* 343E	.2663		
* 141B	.4992	151C	-.2802	* 240B	.4607	262D	.5376	* 342E	.2651		
* 140B	.5047	166D	.0488	* 239B	.4497	261D	.5486	* 341E	.2197		
* 139B	.5047	165D	.4580	* 238B	.4250	256D	.5931	* 340E	.1742		
* 138B	.4827	164D	.5486	* 237B	.3695	257D	-.4764	* 339E	.1460		
* 137B	.4058	158D	.3756	* 236B	.3916	258D	-.5526	* 338E	.1275		
* 136B	.3124	159D	.3319	* 235B	.4555	259D	-.3733	* 337E	.2160		
* 135B	.3454	160D	-.5470	* 234B	.5623	260D	-.2018	* 336E	.3277		
* 134B	.4525	161D	-.0975	* 233B	.6888			* 335E	.4641		
* 133B	.6557	162D	-.1412	* 232B	.7859			* 334E	.6016		
* 132B	.7134			* 231B	.5071			* 333E	.7515		
* 131B	.1834			* 230B	-1.4126			* 332E	.6102		
* 130B	-1.4122			* 215B	-3.7364			* 331E	-.2397		
* 115B	-1.8983			* 216B	-3.3428			* 314E	-3.6087		
* 116B	-1.7479			* 217B	-4.4061			* 315E	-3.3943		
* 117B	-3.4028			* 218B	-4.0631			* 316E	-3.6172		
* 118B	-4.1145			* 219B	-3.3943			* 317E	-3.4543		
* 119B	-3.8144			* 220B	-3.8573			* 318E	-2.9741		
* 120B	-3.1542			* 222B	-1.6412			* 319E	-3.0941		
* 121B	-2.0874			* 223B	-1.4181			* 320E	-1.7994		
* 122B	-1.5033			* 224B	-1.2701			* 321E	-1.3647		
* 123B	-1.2331			* 225B	-1.1154			* 322E	-1.1437		
* 124B	-1.0594			* 226B	-1.0907			* 323E	-.9680		
* 125B	-.9058			* 227B	-.9372			* 324E	-.7555		
* 126B	-.7701			* 228B	-.8800			* 325E	-.6708		
* 127B	-.6961			* 229B	-.8127			* 326E	-.5603		

TABLE 197 .- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = 14.380 DEGREES AND QINF = 2.88 KN/SQM ( 60.11 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0268	128B	-.6125	* 214A	.0756	255C	.4054	* 313A	-.1320	327E	-.8248
* 113A	-.1329	129B	-.6383	* 213A	-.2254	254C	.5620	* 312A	-.1713	328E	-.7904
* 112A	-.2318	157C	.1692	* 212A	-.2684	253C	.5977	* 311A	-.1468	329E	-.7315
* 111A	-.1301	156C	.3038	* 211A	-.1787	252C	.6471	* 310A	.1381	330E	-.5877
* 110A	.0523	155C	.5208	* 210A	.2410	251C	.7021	* 309A	.3867		
* 109A	.3353	154C	.6142	* 209A	.5325	243C	.6856	* 308A	.6955		
* 108A	.6512	153C	.7048	* 208A	.7383	244C	.2216	* 301A	.7298		
* 101A	.6269	152C	.0182	* 201A	.3867	245C	-.3580	* 302A	-.5308		
* 102A	-.1449	144C	.3999	* 202A	-1.5113	246C	-.9556	* 303A	-1.5598		
* 103A	-.7795	145C	-.4410	* 203A	-1.9543	247C	-.7908	* 304A	-1.5856		
* 104A	-1.1997	146C	-1.0072	* 204A	-1.7742	248C	-.6036	* 305A	-1.4484		
* 105A	-1.2083	147C	-1.0128	* 206A	-1.5856	249C	-.4365	* 307A	-1.7142		
* 106A	-1.2769	148C	-.7314	* 207A	-2.0058	250C	-.3266	* 345E	.1185		
* 107A	-1.3883	149C	-.5733	* 242B	.7378	264D	.0237	* 344E	.2193		
* 142B	.4768	150C	-.4757	* 241B	.5345	263D	.4768	* 343E	.1996		
* 141B	.4906	151C	-.4544	* 240B	.4713	262D	.5565	* 342E	.2205		
* 140B	.5016	166D	-.1411	* 239B	.4686	261D	.5620	* 341E	.1726		
* 139B	.4961	165D	.3917	* 238B	.4494	256D	.5971	* 340E	.1394		
* 138B	.4686	164D	.5043	* 237B	.3998	257D	-.4802	* 339E	.1321		
* 137B	.4247	158D	.2788	* 236B	.4183	258D	-.5542	* 338E	.1308		
* 136B	.3120	159D	.3371	* 235B	.4920	259D	-.3737	* 337E	.2254		
* 135B	.3642	160D	-.7785	* 234B	.6001	260D	-.2156	* 336E	.3519		
* 134B	.4713	161D	-.1529	* 233B	.7143			* 335E	.4932		
* 133B	.6581	162D	-.3659	* 232B	.7709			* 334E	.6234		
* 132B	.7185			* 231B	.5006			* 333E	.7499		
* 131B	.2324			* 230B	-1.3481			* 332E	.6197		
* 130B	-1.2178			* 215B	-3.6991			* 331E	-.1701		
* 115B	-1.6874			* 216B	-3.6092			* 314E	-3.4129		
* 116B	-1.6027			* 217B	-4.7842			* 315E	-3.4721		
* 117B	-3.1720			* 218B	-4.3811			* 316E	-3.8237		
* 118B	-3.7208			* 219B	-3.6093			* 317E	-3.6522		
* 119B	-3.5521			* 220B	-4.1410			* 318E	-2.9490		
* 120B	-2.7690			* 222B	-1.7034			* 319E	-2.8890		
* 121B	-1.7774			* 223B	-1.4579			* 320E	-1.7656		
* 122B	-1.2740			* 224B	-1.2975			* 321E	-1.0496		
* 123B	-1.0453			* 225B	-1.1238			* 322E	-.9722		
* 124B	-.9107			* 226B	-1.0901			* 323E	-.9501		
* 125B	-.7695			* 227B	-.9253			* 324E	-.8432		
* 126B	-.6484			* 228B	-.8536			* 325E	-.8309		
* 127B	-.6058			* 229B	-.7661			* 326E	-.7953		

TABLE 198 .- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = 16.423 DEGREES AND QINF = 2.88 KN/SQM ( 60.15 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.1201	128B	-.5971	* 214A	.3300	255C	.3946	* 313A	.0035	327E	-.9221
* 113A	-.0885	129B	-.6364	* 213A	-.1622	254C	.5565	* 312A	-.0603	328E	-.8865
* 112A	-.2065	157C	.1476	* 212A	-.2113	253C	.5922	* 311A	-.0333	329E	-.8398
* 111A	-.0967	156C	.2903	* 211A	-.0873	252C	.6389	* 310A	.2841	330E	-.7637
* 110A	.1641	155C	.5071	* 210A	.4040	251C	.6800	* 309A	.5155		
* 109A	.4640	154C	.6032	* 209A	.6611	243C	.6855	* 308A	.7211		
* 108A	.6697	153C	.6965	* 208A	.6183	244C	.2488	* 301A	.6269		
* 101A	.4298	152C	-.0363	* 201A	.3955	245C	-.3159	* 302A	-1.1728		
* 102A	-.5815	144C	.4111	* 202A	-2.3725	246C	-.8829	* 303A	-2.1669		
* 103A	-1.2585	145C	-.4246	* 203A	-2.5868	247C	-.7282	* 304A	-2.0383		
* 104A	-1.5841	146C	-1.0061	* 204A	-2.2697	248C	-.5355	* 305A	-1.7898		
* 105A	-1.5327	147C	-.9994	* 205A	-1.9355	249C	-.4145	* 307A	-1.9526		
* 106A	-1.5241	148C	-.7271	* 207A	-2.3297	250C	-.3316	* 345E	.0698		
* 107A	-1.5927	149C	-.5871	* 242B	.7542	264D	-.0171	* 344E	.1729		
* 142B	.5044	150C	-.5098	* 241B	.5483	263D	.4660	* 343E	.1901		
* 141B	.5071	151C	-.4829	* 240B	.4824	262D	.5428	* 342E	.1999		
* 140B	.5044	166D	-.1543	* 239B	.4797	261D	.5510	* 341E	.1594		
* 139B	.5016	165D	.3836	* 238B	.4605	256D	.5826	* 340E	.1250		
* 138B	.4797	164D	.4962	* 237B	.4135	257D	-.4952	* 339E	.1275		
* 137B	.4385	158D	.2633	* 236B	.4454	258D	-.5747	* 338E	.1287		
* 136B	.3479	159D	.3418	* 235B	.5178	259D	-.4011	* 337E	.2478		
* 135B	.4056	160D	-.7943	* 234B	.6185	260D	-.2521	* 336E	.3644		
* 134B	.5044	161D	-.1837	* 233B	.7228			* 335E	.5215		
* 133B	.6663	162D	-.3865	* 232B	.7633			* 334E	.5369		
* 132B	.7048			* 231B	.4822			* 333E	.7547		
* 131B	.2793			* 230B	-1.3038			* 332E	.6123		
* 130B	-1.1315			* 215B	-3.7417			* 331E	-.1082		
* 115B	-1.6694			* 216B	-4.0093			* 314E	-3.3661		
* 116B	-1.7212			* 217B	-5.2434			* 315E	-3.5980		
* 117B	-3.4095			* 218B	-4.8235			* 316E	-4.0179		
* 118B	-3.9151			* 219B	-4.0779			* 317E	-3.6494		
* 119B	-3.5980			* 220B	-4.3179			* 318E	-3.0581		
* 120B	-2.8439			* 222B	-1.7489			* 319E	-2.7667		
* 121B	-1.8397			* 223B	-1.4868			* 320E	-1.5156		
* 122B	-1.2615			* 224B	-1.2985			* 321E	-.9920		
* 123B	-1.0341			* 225B	-1.1058			* 322E	-.9380		
* 124B	-.8784			* 226B	-1.0509			* 323E	-.8975		
* 125B	-.7316			* 227B	-.8784			* 324E	-.8656		
* 126B	-.6106			* 228B	-.7742			* 325E	-.8852		
* 127B	-.5915			* 229B	-.7036			* 326E	-.8828		

TABLE 199 .- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = 20.443 DEGREES AND QINF = 2.90 KN/SQM ( 60.50 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.4080	128B	-.6692	* 214A	.5355	255C	.3234	* 313A	.2768	327E	-.9645
* 113A	.0423	129B	-.7471	* 213A	.0107	254C	.5226	* 312A	.1120	328E	-.9096
* 112A	-.1787	157C	.1269	* 212A	-.0821	253C	.5690	* 311A	.1425	329E	-.8791
* 111A	-.0041	156C	.2661	* 211A	.0339	252C	.6264	* 310A	.4917	330E	-.8278
* 110A	.3724	155C	.4954	* 210A	.5258	251C	.6618	* 309A	.6621		
* 109A	.6280	154C	.5854	* 209A	.7133	243C	.7028	* 308A	.6962		
* 108A	.6366	153C	.6755	* 208A	.3298	244C	.2220	* 301A	.2361		
* 101A	-.0110	152C	.0178	* 201A	-.3699	245C	-.3227	* 302A	-2.4138		
* 102A	-1.3317	144C	.3835	* 202A	-3.6067	246C	-.9232	* 303A	-3.3511		
* 103A	-2.1071	145C	-.4909	* 203A	-3.3085	247C	-.8118	* 304A	-2.7206		
* 104A	-2.2690	146C	-1.1270	* 204A	-2.8740	248C	-.6959	* 305A	-2.3457		
* 105A	-2.0645	147C	-1.1014	* 206A	-2.0901	249C	-.6190	* 307A	-2.1923		
* 106A	-1.9708	148C	-.8073	* 207A	-2.3627	250C	-.5700	* 345E	.0583		
* 107A	-1.9367	149C	-.6636	* 242B	.7301	264D	-.2415	* 344E	.1706		
* 142B	.5063	150C	-.5778	* 241B	.5172	263D	.4026	* 343E	.1950		
* 141B	.4926	151C	-.5477	* 240B	.4326	262D	.5008	* 342E	.2035		
* 140B	.5063	166D	-.2033	* 239B	.4435	261D	.5226	* 341E	.1730		
* 139B	.5008	165D	.3807	* 238B	.4244	256D	.5061	* 340E	.1401		
* 138B	.4790	164D	.5008	* 237B	.4049	257D	-.7639	* 339E	.1486		
* 137B	.4408	158D	.2376	* 236B	.4501	258D	-.8285	* 338E	.1669		
* 136B	.3726	159D	.3546	* 235B	.5416	259D	-.6480	* 337E	.2829		
* 135B	.4380	160D	-.9053	* 234B	.6441	260D	-.5121	* 336E	.4110		
* 134B	.5363	161D	-.1801	* 233B	.7381			* 335E	.5538		
* 133B	.6809	162D	-.4709	* 232B	.7613			* 334E	.6685		
* 132B	.6891			* 231B	.5062			* 333E	.7467		
* 131B	.3453			* 230B	-1.0548			* 332E	.6063		
* 130B	-.9101			* 215B	-3.3701			* 331E	-.0516		
* 115B	-1.5214			* 216B	-3.9220			* 314E	-3.1956		
* 116B	-1.9793			* 217B	-5.0552			* 315E	-3.6579		
* 117B	-3.8794			* 218B	-4.5696			* 316E	-4.1606		
* 118B	-4.2713			* 219B	-3.6409			* 317E	-3.7942		
* 119B	-3.8453			* 220B	-3.7431			* 318E	-2.9847		
* 120B	-2.9592			* 222B	-1.3643			* 319E	-2.5843		
* 121B	-1.8077			* 223B	-1.1727			* 320E	-1.4766		
* 122B	-1.2763			* 224B	-1.0045			* 321E	-1.0328		
* 123B	-1.0513			* 225B	-.9053			* 322E	-1.0084		
* 124B	-.8886			* 226B	-.8530			* 323E	-.9669		
* 125B	-.7271			* 227B	-.7850			* 324E	-.9340		
* 126B	-.6658			* 228B	-.7549			* 325E	-.9242		
* 127B	-.6725			* 229B	-.7238			* 326E	-.9352		

TABLE 200 .- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = 24.532 DEGREES AND QINF = 2.89 KN/SQM ( 60.39 LB/SQFT )

*****													
WING STATION A				WING STATION B				WING STATION C					
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5891	128B	-.7413	* 214A	.6057	255C	.2993	* 313A	.4321	327E	-.8089	*	*
* 113A	.3403	129B	-.8105	* 213A	.2475	254C	.5070	* 312A	.2194	328E	-.7881	*	*
* 112A	-.1163	157C	.1134	* 212A	.1008	253C	.5562	* 311A	.2524	329E	-.7649	*	*
* 111A	.0833	156C	.2747	* 211A	.1949	252C	.6137	* 310A	.5665	330E	-.7771	*	*
* 110A	.5665	155C	.5180	* 210A	.6775	251C	.6547	* 309A	.6946			*	*
* 109A	.6946	154C	.6164	* 209A	.7629	243C	.6847	* 308A	.5665			*	*
* 109A	.4385	153C	.7011	* 208A	-.0566	244C	.2229	* 301A	-.1334			*	*
* 101A	-.7650	152C	.0642	* 201A	-1.1833	245C	-.3518	* 302A	-3.3770			*	*
* 102A	-2.4807	144C	.3867	* 202A	-4.3586	246C	-1.0058	* 303A	-4.0428			*	*
* 103A	-3.0526	145C	-.5661	* 203A	-3.9062	247C	-.8841	* 304A	-3.2660			*	*
* 104A	-3.0441	146C	-1.2658	* 204A	-3.4709	248C	-.7781	* 305A	-2.1734			*	*
* 105A	-2.6173	147C	-1.2357	* 206A	-2.1052	249C	-.7313	* 307A	-2.2417			*	*
* 106A	-2.2588	148C	-.9299	* 207A	-2.2588	250C	-.6866	* 345E	.0971			*	*
* 107A	-2.1393	149C	-.7882	* 242B	.7257	264D	-.3049	* 344E	.1974			*	*
* 142B	.5344	150C	-.7268	* 241B	.5644	263D	.3840	* 343E	.2181			*	*
* 141B	.5234	151C	-.6621	* 240B	.4578	262D	.4797	* 342E	.2230			*	*
* 140B	.5234	156D	-.2256	* 239B	.4715	261D	.5207	* 341E	.1912			*	*
* 139B	.5234	165D	.3649	* 238B	.4578	256D	.4640	* 340E	.1643			*	*
* 138B	.5016	164D	.4852	* 237B	.4358	257D	-.9087	* 339E	.1827			*	*
* 137B	.4660	158B	.1772	* 236B	.4957	258D	-1.0158	* 338E	.2047			*	*
* 136B	.4332	159D	.3468	* 235B	.5764	259D	-.7759	* 337E	.3257			*	*
* 135B	.5070	160D	-1.0326	* 234B	.6766	260D	-.6431	* 336E	.4431			*	*
* 134B	.6137	161D	-.2012	* 233B	.7537			* 335E	.5813			*	*
* 133B	.7339	162D	-.5516	* 232B	.7586			* 334E	.6815			*	*
* 132B	.7093			* 231B	.5348			* 333E	.7378			*	*
* 131B	.3977			* 230B	-.8309			* 332E	.5996			*	*
* 130B	-.7068			* 215B	-3.0244			* 331E	.0103			*	*
* 115B	-1.4367			* 216B	-3.6416			* 314E	-2.8593			*	*
* 116B	-2.1308			* 217B	-4.7256			* 315E	-3.4965			*	*
* 117B	-4.2562			* 218B	-4.0001			* 316E	-3.9147			*	*
* 118B	-4.6659			* 219B	-2.8222			* 317E	-3.4623			*	*
* 119B	-4.2562			* 220B	-2.7197			* 318E	-2.4807			*	*
* 120B	-3.1380			* 222B	-1.0806			* 319E	-1.8662			*	*
* 121B	-1.9253			* 223B	-1.0058			* 320E	-1.2174			*	*
* 122B	-1.2971			* 224B	-.9455			* 321E	-1.0363			*	*
* 123B	-1.0225			* 225B	-.8864			* 322E	-.9299			*	*
* 124B	-.8428			* 226B	-.8763			* 323E	-.9079			*	*
* 125B	-.7424			* 227B	-.8172			* 324E	-.8603			*	*
* 126B	-.7089			* 228B	-.7904			* 325E	-.8554			*	*
* 127B	-.7145			* 229B	-.7792			* 326E	-.8309			*	*
*****													

TABLE 201 .- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = 28.587 DEGREES AND QINF = 2.90 KN/SQM ( 60.54 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5481	128B	-.8316	* 214A	.5897	255C	.3190	* 313A	.4909	327E	-.7970
* 113A	.6490	129B	-.8684	* 213A	.4885	254C	.5235	* 312A	.3873	328E	-.7763
* 112A	-.0055	157C	.0708	* 212A	.3190	253C	.5753	* 311A	.4092	329E	-.7616
* 111A	.1717	156C	.2426	* 211A	.3641	252C	.6353	* 310A	.6346	330E	-.7336
* 110A	.6687	155C	.4935	* 210A	.7283	251C	.6544	* 309A	.7027		
* 109A	.6602	154C	.5999	* 209A	.6091	243C	.6953	* 308A	.3111		
* 108A	.0556	153C	.6899	* 208A	-.8214	244C	.2326	* 301A	-.8299		
* 101A	-1.6644	152C	.0708	* 201A	-2.5669	245C	-.3641	* 302A	-4.9085		
* 102A	-3.8016	144C	.3763	* 202A	-5.9473	246C	-1.0131	* 303A	-4.9085		
* 103A	-4.0826	145C	-.5990	* 203A	-5.0958	247C	-.9251	* 304A	-3.6994		
* 104A	-3.8782	146C	-1.3059	* 204A	-3.4525	248C	-.8216	* 305A	-2.4733		
* 105A	-2.9416	147C	-1.2956	* 206A	-2.4648	249C	-.7782	* 307A	-2.2264		
* 106A	-2.6521	148C	-1.0053	* 207A	-2.4903	250C	-.7437	* 345E	.1116		
* 107A	-2.4818	149C	-.9118	* 242B	.7226	264D	-.3246	* 344E	.2177		
* 142B	.5290	150C	-.8505	* 241B	.6462	263D	.3817	* 343E	.2348		
* 141B	.5317	151C	-.8261	* 240B	.4962	262D	.4908	* 342E	.2421		
* 140B	.5290	166D	-.3192	* 239B	.4990	261D	.5426	* 341E	.2153		
* 139B	.5262	165D	.3408	* 238B	.4903	256D	.4386	* 340E	.1946		
* 138B	.5181	164D	.4826	* 237B	.4714	257D	-.9363	* 339E	.2165		
* 137B	.4744	158D	.0679	* 236B	.5361	258D	-1.0777	* 338E	.2482		
* 136B	.4772	159D	.3462	* 235B	.6166	259D	-.8472	* 337E	.3702		
* 135B	.5562	160D	-1.2591	* 234B	.7032	260D	-.6914	* 336E	.4885		
* 134B	.6544	161D	-.2338	* 233B	.7642			* 335E	.6141		
* 133B	.7444	162D	-.7370	* 232B	.7385			* 334E	.6995		
* 132B	.6926			* 231B	.5385			* 333E	.7276		
* 131B	.4444			* 230B	-.7007			* 332E	.5922		
* 130B	-.5073			* 215B	-2.9436			* 331E	.0726		
* 115B	-1.4155			* 216B	-3.8271			* 314E	-2.6460		
* 116B	-2.3966			* 217B	-4.7978			* 315E	-3.1715		
* 117B	-4.6446			* 218B	-4.0656			* 316E	-3.6824		
* 118B	-5.0107			* 219B	-2.7883			* 317E	-2.9671		
* 119B	-4.4657			* 220B	-2.4733			* 318E	-2.0305		
* 120B	-3.1715			* 222B	-1.0643			* 319E	-1.2727		
* 121B	-1.8603			* 223B	-1.0086			* 320E	-1.0768		
* 122B	-1.1456			* 224B	-.9485			* 321E	-.9836		
* 123B	-.8483			* 225B	-.8672			* 322E	-.9751		
* 124B	-.7492			* 226B	-.8995			* 323E	-.9007		
* 125B	-.7504			* 227B	-.8227			* 324E	-.6421		
* 126B	-.7927			* 228B	-.8194			* 325E	-.8226		
* 127B	-.8294			* 229B	-.8082			* 326E	-.8190		

TABLE 202.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 47

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.979	-.13704	.32798	.15719	.04380	-.14570	.05197	.09169	.03850	-.15516	-.18065
.174	-.09843	.78857	.18573	.05366	-.10156	.73937	.20997	.07700	-.12278	.40127
4.253	-.05010	1.15000	.18192	.05366	-.08147	1.25441	.23205	.08851	-.11025	.87022
8.317	-.00524	1.43985	.17806	.05327	.00627	1.62536	.23812	.09026	-.02472	1.19304
12.382	.09760	1.64974	.17036	.05149	.15850	1.91335	.22967	.08908	.11965	1.46120
14.380	.10307	1.48857	.17214	.05999	.22248	1.99882	.22600	.09121	.17779	1.53440
16.423	.15457	1.52069	.17130	.06069	.30331	2.06749	.21500	.09260	.24885	1.54769
20.443	.24690	1.58801	.18203	.06585	.38984	1.84932	.23363	.11322	.36822	1.59815
24.532	.34586	1.68942	.20522	.07062	.45659	1.68068	.24676	.12732	.41540	1.47103
28.587	.43931	1.71674	.21782	.08100	.53430	1.69049	.25686	.13362	.49444	1.40612

TABLE 203.- AXIAL-CHOPD FORCE COEFFICIENT FOR RUN 47

ALPHA	COMPONENT-STATION									
	A-A	P-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.979	-.01833	-.04055	-.00559	.00098	-.00444	.00221	-.00460	-.00341	-.01413	-.02265
.174	-.00409	-.05643	-.00322	.00162	-.00356	-.05582	.01423	-.00179	-.01172	-.06587
4.253	.00814	-.08883	-.00304	.00179	.01451	-.10963	.01732	-.00150	-.00323	-.11954
8.317	.04429	-.15283	-.00263	.00194	.03895	-.17938	.01762	-.00144	.03107	-.17532
12.382	.06095	-.20265	-.00217	.00205	.04621	-.22483	.01737	-.00113	.04970	-.21947
14.380	.05783	-.18584	.00091	.00170	.04455	-.24179	.01756	-.00115	.04907	-.20210
16.423	.05837	-.19916	.00148	.00174	.04165	-.26899	.01769	-.00111	.04545	-.20038
20.443	.05552	-.21302	.00151	.00161	.01664	-.25309	.02376	-.00233	.03222	-.19916
24.532	.03708	-.22818	.00243	.00133	-.01007	-.21944	.02633	-.00306	.01350	-.18250
28.587	.00984	-.24396	.00427	.00090	-.05925	-.22205	.02793	-.00318	-.01453	-.15860



TABLE 204.- PITCHING-MOMENT COEFFICIENT FOR RUN 47

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.979	.00891	-.20972	-.01082	-.00185	.01023	-.05934	-.00963	-.00189	.01173	.02108
.174	.00561	-.37264	-.01245	-.00216	.00646	-.33812	-.02047	-.00367	.00831	-.20000
4.253	.00170	-.45467	-.01225	-.00217	.00419	-.46138	-.02222	-.00422	.00646	-.30005
8.317	-.00131	-.51925	-.01198	-.00218	-.00158	-.55093	-.02278	-.00435	.00030	-.37508
12.382	-.00773	-.55690	-.01146	-.00212	-.01178	-.61711	-.02193	-.00434	-.00950	-.44753
14.380	-.00782	-.50259	-.01190	-.00260	-.01589	-.63387	-.02158	-.00447	-.01321	-.51435
16.423	-.01101	-.50486	-.01196	-.00264	-.02157	-.63716	-.02063	-.00456	-.01784	-.52932
20.442	-.01674	-.52378	-.01262	-.00292	-.02668	-.56392	-.02309	-.00564	-.02544	-.55503
24.532	-.02221	-.55172	-.01434	-.00319	-.03020	-.54341	-.02464	-.00640	-.02726	-.51611
28.587	-.02696	-.56288	-.01546	-.00377	-.03415	-.55372	-.02586	-.00672	-.03129	-.51399

TABLE 205.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 47 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.89 (60.34)	-5.94	-.0483	.1484	-.2144	.0021	.0026	-.0183
.203	2.89 (60.29)	-3.98	.1828	.1230	-.1924	.0015	.0015	-.0085
.203	2.89 (60.27)	-1.84	.5107	.0988	-.2161	.0041	.0013	-.0099
.203	2.88 (60.19)	.17	.8166	.0943	-.2407	.0016	.0018	-.0061
.203	2.89 (60.37)	2.23	1.0941	.0996	-.2388	-.0004	.0017	-.0081
.203	2.89 (60.33)	4.25	1.3127	.1131	-.2169	.0007	.0027	-.0061
.203	2.89 (60.29)	6.34	1.5141	.1313	-.2012	-.0014	.0016	-.0022
.203	2.88 (60.20)	8.32	1.7265	.1529	-.1711	-.0011	.0021	-.0017
.203	2.88 (60.22)	10.28	1.8967	.1771	-.1439	-.0024	.0018	-.0027
.203	2.88 (60.07)	12.38	2.0833	.2081	-.0952	-.0047	.0009	.0011
.204	2.89 (60.40)	13.44	2.1493	.2230	-.0771	-.0066	.0001	.0016
.203	2.88 (60.06)	14.38	2.1372	.2571	-.0825	-.0110	.0000	.0148
.203	2.88 (60.11)	15.41	2.1884	.2773	-.0699	-.0110	.0003	.0140
.203	2.88 (60.10)	16.42	2.2175	.3000	-.0421	-.0109	.0010	.0131
.203	2.89 (60.31)	17.43	2.1842	.3370	-.0580	-.0069	.0003	.0029
.203	2.88 (60.18)	18.47	2.2055	.3657	-.0249	-.0124	-.0016	.0044
.204	2.89 (60.45)	20.44	2.2287	.4344	.0201	-.0243	-.0091	.0138
.203	2.89 (60.34)	22.49	2.2611	.5035	.0686	-.0297	-.0127	.0117
.203	2.89 (60.34)	24.53	2.2456	.5741	.1479	-.0197	-.0089	.0051
.203	2.88 (60.11)	26.49	2.1909	.6431	.1906	-.0059	.0010	-.0048
.204	2.90 (60.49)	28.59	2.2303	.7156	.2293	-.0063	.0012	-.0007

TABLE 206.- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = -3.850 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

*****													
WING STATION A				WING STATION B				WING STATION C					
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.4342	1288	-.8109	* 214A	-.4439	255C	.5229	* 313A	-.5613	327E	-.3130	*	*
* 113A	-.4206	1298	-1.1258	* 213A	-.4475	254C	.5995	* 312A	-.5698	328E	-.2237	*	*
* 112A	-.4452	157C	.2877	* 212A	-.4500	253C	.5886	* 311A	-.5686	329E	-.1320	*	*
* 111A	-.4397	156C	.4464	* 211A	-.4329	252C	.4901	* 310A	-.5839	330E	-.0806	*	*
* 110A	-.4644	155C	.5804	* 210A	-.4900	251C	.2850	* 309A	-.5669	*	*	*	*
* 109A	-.5583	154C	.6159	* 209A	-.4815	243C	-1.6239	* 308A	-.5669	*	*	*	*
* 108A	-.4046	153C	.6241	* 208A	-.4986	244C	-1.4875	* 301A	-.5583	*	*	*	*
* 101A	.3382	152C	-.1006	* 201A	.0565	245C	-1.7610	* 302A	-.1655	*	*	*	*
* 102A	.7481	144C	-1.4871	* 202A	.5517	246C	-1.6437	* 303A	.6969	*	*	*	*
* 103A	.5859	145C	-2.0367	* 203A	.7737	247C	-1.3680	* 304A	.7566	*	*	*	*
* 104A	.2699	146C	-2.3214	* 204A	.7054	248C	-.9974	* 305A	.6627	*	*	*	*
* 105A	.0992	147C	-1.8179	* 206A	.3724	249C	-.7228	* 307A	.1162	*	*	*	*
* 106A	-.0375	148C	-1.4192	* 207A	-.0204	250C	-.5653	* 345E	.0221	*	*	*	*
* 107A	-.1826	149C	-1.0030	* 242B	.2987	264D	.2495	* 344E	-.0048	*	*	*	*
* 142B	.3616	150C	-.7194	* 241B	.4135	263D	.5831	* 343E	-.0207	*	*	*	*
* 141B	.3698	151C	-.5631	* 240B	.1920	262D	.6460	* 342E	-.0586	*	*	*	*
* 140B	.3178	166D	.1920	* 239B	.0936	261D	.6980	* 341E	-.1087	*	*	*	*
* 139B	.2987	165D	.5503	* 238B	-.0623	256D	.0766	* 340E	-.1687	*	*	*	*
* 138B	.2549	164D	.6405	* 237B	-.2934	257D	-.7071	* 339E	-.2482	*	*	*	*
* 137B	.2303	159D	-.1389	* 236B	-.3986	258D	-.6401	* 338E	-.3265	*	*	*	*
* 136B	.0416	160D	-.7730	* 235B	-.5332	259D	-.3242	* 337E	-.0843	*	*	*	*
* 135B	-.0869	161D	-.1523	* 234B	-.5246	260D	-.0887	* 336E	-.5014	*	*	*	*
* 134B	-.2893	162D	-.1456	* 233B	-.4732	*	*	* 335E	-.5564	*	*	*	*
* 133B	-.3987	*	*	* 232B	-.4744	*	*	* 334E	-.5674	*	*	*	*
* 132B	-.4151	*	*	* 231B	-.4818	*	*	* 333E	-.5809	*	*	*	*
* 131B	-.4315	*	*	* 230B	-.4830	*	*	* 332E	-.5870	*	*	*	*
* 130B	-.4780	*	*	* 215B	-.4720	*	*	* 331E	-.5943	*	*	*	*
* 115B	-.5464	*	*	* 216B	-.4644	*	*	* 314E	-.5809	*	*	*	*
* 116B	-.4900	*	*	* 217B	-.5071	*	*	* 315E	-.5412	*	*	*	*
* 117B	.6542	*	*	* 218B	-.6266	*	*	* 316E	-.5583	*	*	*	*
* 118B	-.4217	*	*	* 219B	-.8059	*	*	* 317E	-.2680	*	*	*	*
* 119B	-.9255	*	*	* 220B	-.8913	*	*	* 318E	-.4986	*	*	*	*
* 120B	-.9853	*	*	* 222B	-.6100	*	*	* 319E	-.4986	*	*	*	*
* 121B	-.6569	*	*	* 223B	-.6011	*	*	* 320E	-.4559	*	*	*	*
* 122B	-.6212	*	*	* 224B	-.6167	*	*	* 321E	-.3864	*	*	*	*
* 123B	-.6000	*	*	* 225B	-.6334	*	*	* 322E	-.3937	*	*	*	*
* 124B	-.6156	*	*	* 226B	-.7819	*	*	* 323E	-.3778	*	*	*	*
* 125B	-.6513	*	*	* 227B	-.8042	*	*	* 324E	-.3693	*	*	*	*
* 126B	-.6881	*	*	* 228B	-.9081	*	*	* 325E	-.3913	*	*	*	*
* 127B	-.7317	*	*	* 229B	-1.0677	*	*	* 326E	-.3766	*	*	*	*
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TABLE 267 .- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = .266 DEGREES AND QINF = 2.90 KN/SQM ( 60.48 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.2240	128B	-.9445	* 214A	-.2896	255C	.5022	* 313A	-.4496	327E	-.3214
* 113A	-.1939	129B	-1.2109	* 213A	-.3092	254C	.6442	* 312A	-.4533	328E	-.2249
* 112A	-.2731	157C	.2838	* 212A	-.3299	253C	.6851	* 311A	-.4239	329E	-.1773
* 111A	-.2240	156C	.4531	* 211A	-.3031	252C	.7561	* 310A	-.5382	330E	-.1541
* 110A	-.2911	155C	.6442	* 210A	-.4615	251C	.8162	* 309A	-.5212		
* 109A	-.1717	154C	.7233	* 209A	-.4530	243C	-.6935	* 308A	-.5297		
* 109A	.2630	153C	.7971	* 208A	-.5468	244C	-1.5218	* 301A	-.7002		
* 101A	.7232	152C	-.0656	* 201A	-.0098	245C	-1.9843	* 302A	.3226		
* 102A	.5357	144C	-1.2786	* 202A	.7403	246C	-1.9007	* 303A	.7573		
* 103A	.0669	145C	-2.1548	* 203A	.6124	247C	-1.5162	* 304A	.5698		
* 104A	-.2570	146C	-2.5214	* 204A	.4164	248C	-1.0894	* 305A	.3908		
* 105A	-.3592	147C	-1.9809	* 206A	.0073	249C	-.7986	* 307A	-.2143		
* 106A	-.3763	148C	-1.4884	* 207A	-.3933	250C	-.6347	* 345E	.2012		
* 107A	-.3166	149C	-1.0504	* 242B	.5732	264D	.1893	* 344E	.2439		
* 142B	.5131	150C	-.7373	* 241B	.4896	263D	.5923	* 343E	.2476		
* 141B	.4940	151C	-.5946	* 240B	.3739	262D	.6742	* 342E	.2341		
* 140B	.4449	166D	.1883	* 239B	.3739	261D	.7643	* 341E	.1780		
* 139B	.4394	165D	.5868	* 238B	.3411	256D	.2991	* 340E	.1133		
* 138B	.4121	164D	.7097	* 237B	.2878	257D	-.8320	* 339E	.0583		
* 137B	.2511	159D	-.1555	* 236B	.2709	258D	-.8220	* 338E	-.0003		
* 136B	.1746	160D	-.8520	* 235B	.3318	259D	-.5311	* 337E	-.0540		
* 135B	.1782	161D	-.1399	* 234B	.4356	260D	-.1656	* 336E	.1731		
* 134B	.1637	162D	-.1567	* 233B	.1023			* 335E	.2305		
* 133B	.2074			* 232B	-.4874			* 334E	-.2140		
* 132B	-.1257			* 231B	-.5558			* 333E	-.6010		
* 131B	-.3441			* 230B	-.8903			* 332E	-.6938		
* 130B	-.3495			* 215B	-1.1394			* 331E	-.8366		
* 115B	-.3004			* 216B	-.9048			* 314E	-.9062		
* 116B	-.2570			* 217B	-1.2798			* 315E	-.8877		
* 117B	-.4530			* 218B	-1.4929			* 316E	-.9474		
* 118E	-1.0326			* 219B	-1.4673			* 317E	-1.0497		
* 119B	-1.5014			* 220B	-1.7486			* 318E	-1.0411		
* 120B	-1.5355			* 222B	-1.0493			* 319E	-1.1434		
* 121B	-1.1028			* 223B	-.9769			* 320E	-.8366		
* 122B	-.9401			* 224B	-.9278			* 321E	-.7353		
* 123B	-.8665			* 225B	-.8933			* 322E	-.6596		
* 124B	-.8320			* 226B	-1.0114			* 323E	-.5998		
* 125B	-.8387			* 227B	-.9880			* 324E	-.5277		
* 126B	-.8509			* 228B	-1.0560			* 325E	-.4801		
* 127B	-.8710			* 229B	-1.1603			* 326E	-.4093		

TABLE 208 .- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = 4.295 DEGREES AND QINF = 2.88 KN/SQM ( 60.14 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0140	* 128B	-.9790	* 214A	-.5584	* 255C	.5296	* 313A	-.6493	* 327E	-.3411
* 113A	-.1045	* 129B	-1.2031	* 213A	-.5842	* 254C	.6696	* 312A	-.6628	* 328E	-.2932
* 112A	-.1869	* 157C	.3155	* 212A	-.5817	* 253C	.7163	* 311A	-.6407	* 329E	-.2883
* 111A	-.1375	* 156C	.4802	* 211A	-.5645	* 252C	.7904	* 310A	-.6497	* 330E	-.2748
* 110A	-.0497	* 155C	.6806	* 210A	-.5212	* 251C	.8673	* 309A	-.7012		
* 109A	.2502	* 154C	.7684	* 209A	-.7183	* 243C	-.6261	* 308A	-1.0697		
* 108A	.6274	* 153C	.8810	* 208A	-.1955	* 244C	-1.5987	* 301A	-.5212		
* 101A	.6445	* 152C	-.0277	* 201A	.3360	* 245C	-2.1198	* 302A	.6445		
* 102A	-.0840	* 144C	-1.0846	* 202A	.6783	* 246C	-2.0256	* 303A	.5845		
* 103A	-.7612	* 145C	-2.1948	* 203A	.2417	* 247C	-1.6121	* 304A	.2160		
* 104A	-1.0269	* 146C	-2.5602	* 204A	-.0155	* 248C	-1.1034	* 305A	.0617		
* 105A	-.9069	* 147C	-2.0122	* 206A	-.4183	* 249C	-.7930	* 307A	-.5726		
* 106A	-.8469	* 148C	-1.4653	* 207A	-.8212	* 250C	-.6237	* 345E	.1856		
* 107A	-.6669	* 149C	-1.0216	* 242B	.6751	* 264D	.2029	* 344E	.2409		
* 142B	.5872	* 150C	-.7111	* 241B	.5159	* 263D	.6147	* 343E	.2458		
* 141B	.5214	* 151C	-.5722	* 240B	.4143	* 262D	.7080	* 342E	.2335		
* 140B	.5131	* 166D	.1919	* 239B	.4088	* 261D	.8096	* 341E	.1697		
* 139B	.5076	* 165D	.5955	* 238B	.3676	* 256D	.3142	* 340E	.1119		
* 138B	.4829	* 164D	.7218	* 237B	.3231	* 257D	-.8198	* 339E	.0506		
* 137B	.3127	* 159D	-.1632	* 236B	.2961	* 258D	-.8254	* 338E	-.0071		
* 136B	.2386	* 160D	-.8535	* 235B	.3366	* 259D	-.5823	* 337E	-.0317		
* 135B	.2139	* 161D	-.1116	* 234B	.4348	* 260D	-.1755	* 336E	.1230		
* 134B	.2606	* 162D	-.1576	* 233B	.5809			* 335E	.2679		
* 133B	.4719			* 232B	.7811			* 334E	.4484		
* 132B	.7465			* 231B	.4287			* 333E	.7504		
* 131B	.1013			* 230B	-1.8046			* 332E	.3821		
* 130B	-.6673			* 215B	-3.5185			* 331E	-.9181		
* 115B	-.4532			* 216B	-1.9526			* 314E	-3.0949		
* 116B	-.2897			* 217B	-2.5440			* 315E	-2.0469		
* 117B	-.8469			* 218B	-2.5097			* 316E	-1.7983		
* 118B	-1.7383			* 219B	-2.2526			* 317E	-1.9183		
* 119B	-2.1068			* 220B	-2.8354			* 318E	-1.7897		
* 120B	-2.0640			* 222B	-1.3387			* 319E	-2.0211		
* 121B	-1.4575			* 223B	-1.2221			* 320E	-1.2326		
* 122B	-1.1829			* 224B	-1.1493			* 321E	-.9623		
* 123B	-1.0585			* 225B	-1.0697			* 322E	-.8322		
* 124B	-.9913			* 226B	-1.1773			* 323E	-.7462		
* 125B	-.9532			* 227B	-1.1224			* 324E	-.6173		
* 126B	-.9297			* 228B	-1.1672			* 325E	-.5461		
* 127B	-.9274			* 229B	-1.2625			* 326E	-.4442		

TABLE 209 .- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = 8.386 DEGREES AND QINF = 2.89 KN/SQM ( 60.43 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.0729	128B	-1.0030	* 214A	-.3078	255C	.5510	* 313A	-.4825	327E	-.4166
* 113A	-.0200	129B	-1.2026	* 213A	-.4190	254C	.6985	* 312A	-.4899	328E	-.3701
* 112A	-.1485	157C	.3242	* 212A	-.4312	253C	.7395	* 311A	-.4606	329E	-.3604
* 111A	-.0501	156C	.4827	* 211A	-.3623	252C	.8078	* 310A	-.3348	330E	-.3359
* 110A	.2624	155C	.6849	* 210A	-.1300	251C	.8761	* 309A	-.2153		
* 109A	.5695	154C	.7668	* 209A	.0832	243C	-.6457	* 308A	-.0618		
* 108A	.6804	153C	.8652	* 208A	.6633	244C	-1.6164	* 301A	.4074		
* 101A	.0406	152C	-.0009	* 201A	.3989	245C	-2.1428	* 302A	.6548		
* 102A	-1.4352	144C	-1.0801	* 202A	-.0362	246C	-2.0324	* 303A	-.0618		
* 103A	-1.9044	145C	-2.1886	* 203A	-.6675	247C	-1.5874	* 304A	-.4457		
* 104A	-2.0835	146C	-2.5878	* 204A	-.7869	248C	-1.0777	* 305A	-.5395		
* 105A	-1.6911	147C	-2.0291	* 206A	-.9831	249C	-.7465	* 307A	-1.1366		
* 106A	-1.3670	148C	-1.4458	* 207A	-1.4267	250C	-.5792	* 345E	.1590		
* 107A	-.9490	149C	-1.0130	* 242B	.6903	264D	.2095	* 344E	.2213		
* 142B	.6111	150C	-.6952	* 241B	.6002	263D	.6248	* 343E	.2286		
* 141B	.5455	151C	-.5513	* 240B	.4554	262D	.7177	* 342E	.2213		
* 140B	.5291	166D	.2204	* 239B	.4636	261D	.8187	* 341E	.1663		
* 139B	.5291	165D	.6138	* 238B	.4308	256D	.3153	* 340E	.1162		
* 138B	.5209	164D	.7313	* 237B	.3850	257D	-.7710	* 339E	.0747		
* 137B	.3816	159D	-.1543	* 236B	.3850	258D	-.7733	* 338E	.0368		
* 136B	.3138	160D	-.8324	* 235B	.4389	259D	-.5424	* 337E	-.0072		
* 135B	.3133	161D	-.0795	* 234B	.5390	260D	-.1732	* 336E	.2066		
* 134B	.3652	162D	-.1465	* 233B	.6599			* 335E	.3508		
* 133B	.5182			* 232B	.7834			* 334E	.5121		
* 132B	.7149			* 231B	.5060			* 333E	.7284		
* 131B	.7067			* 230B	-1.5529			* 332E	.6001		
* 130B	-.0528			* 215B	-3.9332			* 331E	-.3970		
* 115B	-.7550			* 216B	-2.8939			* 314E	-3.5092		
* 116B	-.3860			* 217B	-3.8238			* 315E	-2.8086		
* 117B	-1.5973			* 218B	-3.6532			* 316E	-2.8086		
* 118B	-2.7233			* 219B	-3.1072			* 317E	-2.7319		
* 119B	-2.9025			* 220B	-3.7299			* 318E	-2.3906		
* 120B	-2.6807			* 222B	-1.6231			* 319E	-2.6551		
* 121B	-1.8283			* 223B	-1.4525			* 320E	-1.5888		
* 122B	-1.3978			* 224B	-1.3443			* 321E	-1.2084		
* 123B	-1.2194			* 225B	-1.2272			* 322E	-1.0336		
* 124B	-1.1034			* 226B	-1.2997			* 323E	-.9004		
* 125B	-1.0298			* 227B	-1.2038			* 324E	-.7049		
* 126B	-.9695			* 228B	-1.2272			* 325E	-.6011		
* 127B	-.9606			* 229B	-1.2818			* 326E	-.4948		

TABLE 210 .- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = 12.467 DEGREES AND QINF = 2.90 KN/SQM ( 60.52 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5680	128B	-.9587	* 214A	.1443	255C	.5652	* 313A	-.2534	327E	-.6010
* 113A	.1833	129B	-1.1268	* 213A	-.2290	254C	.7016	* 312A	-.3034	328E	-.5498
* 112A	.0524	157C	.3497	* 212A	-.2741	253C	.7425	* 311A	-.2485	329E	-.5278
* 111A	.1397	156C	.5052	* 211A	-.1826	252C	.8107	* 310A	.0505	330E	-.4815
* 110A	.5530	155C	.6962	* 210A	.2549	251C	.8680	* 309A	.2634		
* 109A	.7063	154C	.7753	* 209A	.5445	243C	-.5750	* 308A	.5700		
* 108A	.3571	153C	.8680	* 208A	.7404	244C	-1.4787	* 301A	.7489		
* 101A	-1.0652	152C	.0279	* 201A	.3997	245C	-1.9786	* 302A	-.1113		
* 102A	-2.9900	144C	-.9869	* 202A	-1.6188	246C	-1.8573	* 303A	-1.1503		
* 103A	-3.3391	145C	-2.0488	* 203A	-1.9509	247C	-1.3818	* 304A	-1.3377		
* 104A	-3.1262	146C	-2.4218	* 204A	-1.8487	248C	-.9219	* 305A	-1.2525		
* 105A	-2.2405	147C	-1.8606	* 206A	-1.6443	249C	-.6413	* 307A	-1.7039		
* 106A	-1.8928	148C	-1.3306	* 207A	-2.0446	250C	-.5010	* 345E	.1065		
* 107A	-1.3036	149C	-.9008	* 242B	.6962	264D	.2052	* 344E	.1822		
* 142B	.6307	150C	-.6157	* 241B	.6580	263D	.6198	* 343E	.1968		
* 141B	.5816	151C	-.4944	* 240B	.4807	262D	.7153	* 342E	.1968		
* 140B	.5570	166D	.2215	* 239B	.5025	261D	.8189	* 341E	.1504		
* 139B	.5570	165D	.6143	* 238B	.4834	256D	.3274	* 340E	.1126		
* 136B	.5380	164D	.7316	* 237B	.4469	257D	-.7015	* 339E	.0919		
* 137B	.4234	159D	-.1392	* 236B	.4652	258D	-.7326	* 338E	.0687		
* 136B	.3770	160D	-.7605	* 235B	.5237	259D	-.5144	* 337E	.0187		
* 135B	.3924	161D	-.0423	* 234B	.6165	260D	-.1959	* 336E	.2798		
* 134B	.4588	162D	-.1247	* 233B	.7275			* 335E	.4262		
* 133B	.5952			* 232B	.7799			* 334E	.5725		
* 132B	.7234			* 231B	.4981			* 333E	.7202		
* 131B	.7125			* 230B	-1.3696			* 332E	.5933		
* 130B	.2324			* 215B	-3.7643			* 331E	-.2399		
* 115B	-.4140			* 216B	-3.6457			* 314E	-3.6240		
* 116B	-.2731			* 217B	-5.0340			* 315E	-3.4328		
* 117B	-2.1383			* 218B	-4.5911			* 316E	-3.7224		
* 118B	-3.3136			* 219B	-3.7990			* 317E	-3.5946		
* 119B	-3.5776			* 220B	-4.4123			* 318E	-3.0496		
* 120B	-3.0411			* 222B	-1.8484			* 319E	-3.1773		
* 121B	-2.0689			* 223B	-1.6056			* 320E	-1.8487		
* 122B	-1.5678			* 224B	-1.4531			* 321E	-1.3574		
* 123B	-1.3206			* 225B	-1.2927			* 322E	-1.1266		
* 124B	-1.1702			* 226B	-1.3239			* 323E	-.9475		
* 125B	-1.0489			* 227B	-1.1970			* 324E	-.7718		
* 126B	-.9598			* 228B	-1.1720			* 325E	-.7206		
* 127B	-.9353			* 229B	-1.1869			* 326E	-.6242		

TABLE 211 .- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = 16.455 DEGREES AND QINF = 2.89 KN/SQM ( 60.36 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.7301	128B	-.7070	* 214A	.4592	255C	.5578	* 313A	-.0448	327E	-.8888
* 113A	.3772	129B	-.7684	* 213A	-.0876	254C	.6945	* 312A	-.1279	328E	-.8007
* 112A	.1721	157C	.2733	* 212A	-.1634	253C	.7383	* 311A	-.0900	329E	-.7053
* 111A	.2432	156C	.4456	* 211A	-.0399	252C	.7985	* 310A	.2948	330E	-.6124
* 110A	.6364	155C	.6590	* 210A	.4997	251C	.8641	* 309A	.5254		
* 109A	.6705	154C	.7520	* 209A	.7389	243C	-.2464	* 308A	.7389		
* 108A	.0984	153C	.8532	* 208A	.5339	244C	-1.0352	* 301A	.6108		
* 101A	-1.7292	152C	.0381	* 201A	.2008	245C	-1.3825	* 302A	-1.3108		
* 102A	-3.6679	144C	-.5664	* 202A	-2.8566	246C	-1.2351	* 303A	-2.3612		
* 103A	-3.7518	145C	-1.5209	* 203A	-3.0017	247C	-.9012	* 304A	-2.0879		
* 104A	-2.4200	146C	-1.8235	* 204A	-2.6431	248C	-.6087	* 305A	-1.8488		
* 105A	-2.3441	147C	-1.3490	* 206A	-2.0538	249C	-.4747	* 307A	-2.0879		
* 106A	-1.9257	148C	-.9559	* 207A	-2.4381	250C	-.4356	* 345E	.0886		
* 107A	-1.2937	149C	-.7137	* 242B	.7191	264D	.1283	* 344E	.1681		
* 142B	.6426	150C	-.5866	* 241B	.6836	263D	.6043	* 343E	.1742		
* 141B	.5796	151C	-.5417	* 240B	.5113	262D	.7055	* 342E	.1889		
* 140B	.5632	166D	.0080	* 239B	.5167	261D	.8039	* 341E	.1436		
* 139B	.5632	165D	.5468	* 238B	.5031	256D	.3437	* 340E	.1131		
* 138B	.5414	164D	.6891	* 237B	.4764	257D	-.6768	* 339E	.1057		
* 137B	.4702	159D	-.1386	* 236B	.4984	258D	-.7416	* 338E	.1069		
* 136B	.4019	160D	-.9492	* 235B	.5571	259D	-.5406	* 337E	.0409		
* 135B	.4292	161D	-.0381	* 234B	.6501	260D	-.2726	* 336E	.3381		
* 134B	.5658	162D	-.3675	* 233B	.7394			* 335E	.4768		
* 133B	.6398			* 232B	.7638			* 334E	.6109		
* 132B	.7383			* 231B	.4837			* 333E	.7284		
* 131B	.7246			* 230B	-1.2424			* 332E	.5804		
* 130B	.3389			* 215B	-3.7440			* 331E	-.1879		
* 115B	-.1917			* 216B	-4.1205			* 314E	-3.5801		
* 116B	-.1749			* 217B	-5.4699			* 315E	-3.7618		
* 117B	-2.0965			* 218B	-5.0172			* 316E	-4.2571		
* 118B	-3.1555			* 219B	-4.3767			* 317E	-3.9924		
* 119B	-3.2665			* 220B	-4.6073			* 318E	-3.3519		
* 120B	-2.6687			* 222B	-1.8269			* 319E	-3.2835		
* 121B	-1.8302			* 223B	-1.5120			* 320E	-1.8147		
* 122B	-1.3423			* 224B	-1.3769			* 321E	-1.2986		
* 123B	-1.1413			* 225B	-1.1491			* 322E	-1.1641		
* 124B	-.9749			* 226B	-1.0944			* 323E	-1.1372		
* 125B	-.8610			* 227B	-.9392			* 324E	-1.0821		
* 126B	-.7460			* 228B	-.8264			* 325E	-1.0112		
* 127B	-.7047			* 229B	-.7651			* 326E	-.9488		



TABLE 212 .- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = 18.447 DEGREES AND QINF = 2.90 KN/SQM ( 60.51 LB/SQFT )

*****												
* TAP ID	WING STATION A			* TAP ID	WING STATION B			* TAP ID	WING STATION C			* TAP ID
	CP	TAP ID	CP		CP	TAP ID	CP		CP	TAP ID	CP	
* 114A	.7739	128B	-.6608	* 214A	.5272	255C	.5284	* 313A	.0745	327E	-1.0297	*
* 113A	.6293	129B	-.7521	* 213A	-.0023	254C	.6730	* 312A	-.0560	328E	-.8650	*
* 112A	.2119	157C	.2637	* 212A	-.1073	253C	.7276	* 311A	-.0292	329E	-.8455	*
* 111A	.2637	156C	.4329	* 211A	.0221	252C	.7930	* 310A	.3727	330E	-.7344	*
* 110A	.6794	155C	.6375	* 210A	.5176	251C	.8640	* 309A	.6027			*
* 109A	.6198	154C	.7248	* 209A	.7390	243C	-.1646	* 308A	.7476			*
* 108A	-.1384	153C	.8230	* 208A	.3983	244C	-.9615	* 301A	.5176			*
* 101A	-2.1999	152C	.0155	* 201A	-.1384	245C	-1.3056	* 302A	-1.7654			*
* 102A	-4.3551	144C	-.5384	* 202A	-3.2562	246C	-1.1987	* 303A	-2.7877			*
* 103A	-4.3040	145C	-1.4683	* 203A	-3.2562	247C	-.8757	* 304A	-2.3958			*
* 104A	-3.9462	146C	-1.7500	* 204A	-2.7791	248C	-.6385	* 305A	-2.0210			*
* 105A	-2.6173	147C	-1.3302	* 206A	-2.0976	249C	-.5951	* 307A	-2.2159			*
* 106A	-2.0891	148C	-.9014	* 207A	-2.3617	250C	-.5539	* 345E	.0758			*
* 107A	-1.4417	149C	-.6786	* 242B	.7276	264D	-.0064	* 344E	.1356			*
* 142B	.6239	150C	-.5806	* 241B	.6648	263D	.5775	* 343E	.1563			*
* 141D	.5584	151C	-.5650	* 240B	.4929	262D	.6894	* 342E	.1697			*
* 140B	.5475	166D	-.0146	* 239B	.5011	261D	.7985	* 341E	.1282			*
* 139B	.5448	165D	.5311	* 238B	.4765	256D	.2914	* 340E	.1038			*
* 138B	.5284	164D	.6730	* 237B	.4723	257D	-.8189	* 339E	.1148			*
* 137B	.4738	159D	-.1407	* 236B	.4894	258D	-.8590	* 338E	.1002			*
* 136B	.4083	160D	-.9693	* 235B	.5638	259D	-.6151	* 337E	.0465			*
* 135B	.4493	161D	-.0449	* 234B	.6541	260D	-.4559	* 336E	.3393			*
* 134B	.5311	162D	-.4080	* 233B	.7420			* 335E	.4845			*
* 133B	.6512			* 232B	.7591			* 334E	.6163			*
* 132B	.7521			* 231B	.4980			* 333E	.7176			*
* 131B	.7276			* 230B	-1.1481			* 332E	.5675			*
* 130B	.3947			* 215B	-3.5800			* 331E	-.1646			*
* 115B	-.0582			* 216B	-4.0399			* 314E	-3.5495			*
* 116B	-.2236			* 217B	-5.2069			* 315E	-3.8099			*
* 117B	-2.2169			* 218B	-4.7129			* 316E	-4.3295			*
* 118B	-3.3073			* 219B	-4.0399			* 317E	-4.1080			*
* 119B	-3.4095			* 220B	-4.2103			* 318E	-3.4436			*
* 120B	-2.7536			* 222B	-1.5373			* 319E	-3.2817			*
* 121B	-1.8569			* 223B	-1.2901			* 320E	-1.9017			*
* 122B	-1.3346			* 224B	-1.0940			* 321E	-1.3104			*
* 123D	-1.1386			* 225B	-.9370			* 322E	-1.1286			*
* 124B	-.9604			* 226B	-.8691			* 323E	-1.0761			*
* 125B	-.8156			* 227B	-.7454			* 324E	-1.0663			*
* 126B	-.6808			* 228B	-.7087			* 325E	-1.0505			*
* 127B	-.6808			* 229B	-.6853			* 326E	-1.0749			*
*****												

TABLE 213 .- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = 20.411 DEGREES AND QINF = 2.91 KN/SQM ( 60.67 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.7686	128B	-.6868	* 214A	.5669	255C	.5101	* 313A	.2079	327E	-1.0650
* 113A	.7577	129B	-.7290	* 213A	.0619	254C	.6706	* 312A	.0145	328E	-.9871
* 112A	.2353	157C	.1972	* 212A	-.0427	253C	.7142	* 311A	.0558	329E	-.9189
* 111A	.2924	156C	.3904	* 211A	.0668	252C	.7849	* 310A	.4334	330E	-.8678
* 110A	.7137	155C	.6271	* 210A	.5608	251C	.8584	* 309A	.6458		
* 109A	.5863	154C	.7251	* 209A	.7477	243C	-.1729	* 308A	.7222		
* 103A	-.3907	153C	.8230	* 208A	.2890	244C	-.9534	* 301A	.3399		
* 101A	-2.6845	152C	.0312	* 201A	-.3142	245C	-1.3333	* 302A	-2.1918		
* 102A	-4.9869	144C	-.4749	* 202A	-3.4661	246C	-1.2367	* 303A	-3.2368		
* 103A	-4.8000	145C	-1.4077	* 203A	-3.3982	247C	-.9279	* 304A	-2.7100		
* 104A	-4.4007	146C	-1.7198	* 204A	-2.9054	248C	-.6979	* 305A	-2.2767		
* 105A	-2.7610	147C	-1.2866	* 206A	-2.0474	249C	-.6357	* 307A	-2.2343		
* 106A	-2.1918	148C	-.9501	* 207A	-2.3022	250C	-.6235	* 345E	.0108		
* 107A	-1.4696	149C	-.8357	* 242B	.7169	264D	-.0368	* 344E	.1191		
* 142B	.6380	150C	-.7801	* 241B	.6679	263D	.5645	* 343E	.1410		
* 141B	.5645	151C	-.7912	* 240B	.4965	262D	.6815	* 342E	.1544		
* 140B	.5536	166D	-.1212	* 239B	.5019	261D	.7985	* 341E	.1240		
* 139B	.5536	165D	.5019	* 238B	.4856	256D	.2751	* 340E	.0948		
* 138B	.5319	164D	.6598	* 237B	.4684	257D	-.8934	* 339E	.1057		
* 137B	.4938	159D	-.5624	* 236B	.5012	258D	-.9590	* 338E	.1191		
* 136B	.4176	160D	-1.2855	* 235B	.5682	259D	-.7168	* 337E	.0644		
* 135B	.4638	161D	-.0682	* 234B	.6655	260D	-.4891	* 336E	.3698		
* 134B	.5509	162D	-.6424	* 233B	.7495			* 335E	.5073		
* 133B	.6788			* 232B	.7604			* 334E	.6351		
* 132B	.7604			* 231B	.5097			* 333E	.7264		
* 131B	.7495			* 230B	-1.0126			* 332E	.5718		
* 130B	.4502			* 215B	-3.3576			* 331E	-.1364		
* 115B	.0448			* 216B	-3.8994			* 314E	-3.3601		
* 116B	-.2038			* 217B	-5.0039			* 315E	-3.7975		
* 117B	-2.3192			* 218B	-4.4941			* 316E	-4.3242		
* 118B	-3.3812			* 219B	-3.6361			* 317E	-4.0184		
* 119B	-3.4746			* 220B	-3.7210			* 318E	-3.2962		
* 120B	-2.7100			* 222B	-1.3422			* 319E	-3.0668		
* 121B	-1.7609			* 223B	-1.0923			* 320E	-1.7500		
* 122B	-1.1722			* 224B	-.9667			* 321E	-1.2110		
* 123B	-.8646			* 225B	-.8590			* 322E	-1.0370		
* 124B	-.6568			* 226B	-.8146			* 323E	-1.0516		
* 125B	-.6091			* 227B	-.7413			* 324E	-1.0199		
* 126B	-.6224			* 228B	-.7146			* 325E	-1.0370		
* 127B	-.6630			* 229B	-.7046			* 326E	-1.0528		

TABLE 214 .- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = 24.518 DEGREES AND QINF = 2.91 KN/SQM ( 60.71 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.7210	* 128B	-.7174	* 214A	.5973	* 255C	.4871	* 313A	.3443		
* 113A	.7835	* 129B	-.7229	* 213A	.2276	* 254C	.6503	* 312A	.1400		327E
* 112A	.2804	* 157C	.1798	* 212A	.1096	* 253C	.7020	* 311A	.1862		328E
* 111A	.3865	* 156C	.3756	* 211A	.2081	* 252C	.7754	* 310A	.5341		329E
* 110A	.7464	* 155C	.6176	* 210A	.6020	* 251C	.8461	* 309A	.6869		330E
* 109A	.5086	* 154C	.7074	* 209A	.7124	* 243C	-.2336	* 308A	.6360		
* 108A	-.5952	* 153C	.8080	* 208A	.0076	* 244C	-.9949	* 301A	-.0093		
* 101A	-2.6925	* 152C	-.0160	* 201A	-.9009	* 245C	-1.3557	* 302A	-3.1001		
* 102A	-4.9851	* 144C	-.4593	* 202A	-3.8982	* 246C	-1.2958	* 303A	-3.8813		
* 103A	-4.6200	* 145C	-1.3890	* 203A	-3.5076	* 247C	-1.0338	* 304A	-3.0916		
* 104A	-3.3039	* 146C	-1.7043	* 204A	-3.1425	* 248C	-.8206	* 305A	-2.1066		
* 105A	-2.3189	* 147C	-1.2802	* 206A	-1.9198	* 249C	-.7485	* 307A	-2.2510		
* 106A	-2.5567	* 148C	-.9527	* 207A	-2.0472	* 250C	-.7296	* 345E	.0208		
* 107A	-2.4123	* 149C	-.8140	* 242B	.7020	* 264D	-.0976	* 344E	.1144		
* 142B	.6312	* 150C	-.7962	* 241B	.6639	* 263D	.5415	* 343E	.1424		
* 141B	.5551	* 151C	-.8106	* 240B	.4953	* 262D	.6557	* 342E	.1582		
* 140B	.5361	* 166D	-.1873	* 239B	.4953	* 261D	.7808	* 341E	.1266		
* 139B	.5361	* 165D	.4844	* 238B	.4898	* 256D	.2362	* 340E	.0913		
* 138B	.5279	* 164D	.6448	* 237B	.4757	* 257D	-1.0071	* 339E	.1108		
* 137B	.4871	* 159D	-.5453	* 236B	.5122	* 258D	-1.0793	* 338E	.1315		
* 136B	.4218	* 160D	-1.3302	* 235B	.5803	* 259D	-.8339	* 337E	.0670		
* 135B	.4844	* 161D	-.0946	* 234B	.6764	* 260D	-.5986	* 336E	.3796		
* 134B	.5823	* 162D	-.6952	* 233B	.7493			* 335E	.5207		
* 133B	.7020			* 232B	.7481			* 334E	.6314		
* 132B	.7699			* 231B	.5487			* 333E	.7019		
* 131B	.7455			* 230B	-.7199			* 332E	.5632		
* 130B	.4463			* 215B	-2.7851			* 331E	-.0485		
* 115B	.0329			* 216B	-3.3463			* 314E	-2.9992		
* 116B	-.3320			* 217B	-4.1869			* 315E	-3.4737		
* 117B	-2.4208			* 218B	-3.5501			* 316E	-3.8982		
* 118B	-2.5057			* 219B	-2.5567			* 317E	-3.5926		
* 119B	-2.1576			* 220B	-2.0302			* 318E	-2.7350		
* 120B	-1.6651			* 222B	-.9849			* 319E	-2.5312		
* 121B	-1.1570			* 223B	-.9505			* 320E	-1.4443		
* 122B	-.7807			* 224B	-.8617			* 321E	-1.2137		
* 123B	-.7163			* 225B	-.8206			* 322E	-1.1760		
* 124B	-.6907			* 226B	-.7984			* 323E	-1.0678		
* 125B	-.6796			* 227B	-.7696			* 324E	-.9984		
* 126B	-.7229			* 228B	-.7729			* 325E	-1.0045		
* 127B	-.6963			* 229B	-.7252			* 326E	-.9607		

TABLE 215 .- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = 28.529 DEGREES AND QINF = 2.90 KN/SQM ( 60.53 LB/SQFT )

*****													
WING STATION A				WING STATION B				WING STATION C					
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.7381	128R	-.6557	* 214A	.5755	255C	.4927	* 313A	.4145	327E	-.9738	* 114A	.7381
* 113A	.7845	129B	-.6279	* 213A	.4354	254C	.6509	* 312A	.3217	328E	-.9604	* 113A	.7845
* 112A	.2090	157C	.2172	* 212A	.2449	253C	.7027	* 311A	.3559	329E	-.9396	* 112A	.2090
* 111A	.4899	156C	.4081	* 211A	.2925	252C	.7681	* 310A	.6508	330E	-.9140	* 111A	.4899
* 110A	.7701	155C	.6399	* 210A	.7190	251C	.8118	* 309A	.7275			* 110A	.7701
* 109A	.5486	154C	.7327	* 209A	.6593	243C	-.3229	* 308A	.4039			* 109A	.5486
* 108A	-.3286	153C	.8336	* 208A	-.6011	244C	-1.0365	* 301A	-.6522			* 108A	-.3286
* 101A	-1.6656	152C	-.0147	* 201A	-2.0915	245C	-1.4407	* 302A	-4.5953			* 101A	-1.6656
* 102A	-1.6145	144C	-.3502	* 202A	-5.2851	246C	-1.3828	* 303A	-4.7911			* 102A	-1.6145
* 103A	-1.5123	145C	-1.2636	* 203A	-4.5271	247C	-1.0866	* 304A	-3.7777			* 103A	-1.5123
* 104A	-1.4357	146C	-1.5910	* 204A	-3.2326	248C	-.8762	* 305A	-2.3640			* 104A	-1.4357
* 105A	-1.4272	147C	-1.1868	* 206A	-2.2022	249C	-.8294	* 307A	-2.2447			* 105A	-1.4272
* 106A	-1.4612	148C	-.8717	* 207A	-2.3129	250C	-.8138	* 345E	-.0198			* 106A	-1.4612
* 107A	-1.4783	149C	-.7314	* 242B	.6590	264D	-.1347	* 344E	.0948			* 107A	-1.4783
* 142B	.6700	150C	-.7002	* 241B	.6836	263D	.5336	* 343E	.1266			* 142B	.6700
* 141B	.5981	151C	-.7192	* 240B	.5008	262D	.6536	* 342E	.1497			* 141B	.5981
* 140B	.5772	166D	-.1729	* 239B	.5145	261D	.7736	* 341E	.1205			* 140B	.5772
* 139B	.5745	165D	.4954	* 238B	.5063	256D	.1838	* 340E	.1107			* 139B	.5745
* 138B	.5581	164D	.6618	* 237B	.4962	257D	-1.0933	* 339E	.1339			* 138B	.5581
* 137B	.5117	159D	-.5432	* 236B	.5401	258D	-1.1968	* 338E	.1668			* 137B	.5117
* 136B	.4790	160D	-1.2035	* 235B	.6109	259D	-.9352	* 337E	.0851			* 136B	.4790
* 135B	.5363	161D	-.1268	* 234B	.6869	260D	-.6858	* 336E	.4193			* 135B	.5363
* 134B	.6345	162D	-.6457	* 233B	.7450			* 335E	.5560			* 134B	.6345
* 133B	.7463			* 232B	.7219			* 334E	.6487			* 133B	.7463
* 132B	.8036			* 231B	.5206			* 333E	.6987			* 132B	.8036
* 131B	.7654			* 230B	-.6481			* 332E	.5730			* 131B	.7654
* 130B	.5008			* 215B	-2.7780			* 331E	.0546			* 130B	.5008
* 115B	.0371			* 216B	-3.5648			* 314E	-2.6450			* 115B	.0371
* 116B	-.3286			* 217B	-4.3738			* 315E	-3.2156			* 116B	-.3286
* 117B	-1.9211			* 218B	-3.8118			* 316E	-3.6329			* 117B	-1.9211
* 118B	-2.0063			* 219B	-2.5343			* 317E	-3.1560			* 118B	-2.0063
* 119B	-1.4612			* 220B	-2.2958			* 318E	-2.2277			* 119B	-1.4612
* 120B	-1.0695			* 222B	-1.0944			* 319E	-1.8445			* 120B	-1.0695
* 121B	-.9018			* 223B	-.9864			* 320E	-1.2739			* 121B	-.9018
* 122B	-.6568			* 224B	-.9263			* 321E	-1.2080			* 122B	-.6568
* 123B	-.6022			* 225B	-.8606			* 322E	-1.1714			* 123B	-.6022
* 124B	-.5800			* 226B	-.8550			* 323E	-1.1031			* 124B	-.5800
* 125B	-.5978			* 227B	-.8160			* 324E	-1.0311			* 125B	-.5978
* 126B	-.6334			* 228B	-.8092			* 325E	-1.0177			* 126B	-.6334
* 127B	-.6501			* 229B	-.8016			* 326E	-.9921			* 127B	-.6501
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TABLE 216.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 35

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.850	-.08374	.54148	.25344	.06236	-.13419	.38204	.32723	.10246	-.14227	.05794
.266	-.01305	.99378	.27804	.06727	-.08596	1.11340	.38330	.11824	-.11021	.56653
4.295	.07751	1.30220	.28408	.06772	-.06813	1.58633	.40001	.12287	-.10713	.96302
8.386	.19568	1.56534	.28324	.06784	.06289	1.94241	.40011	.12119	-.00595	1.21979
12.467	.34025	1.72952	.26845	.06509	.23196	2.19454	.37174	.11984	.13109	1.45372
16.455	.38950	1.56639	.22780	.07404	.35187	2.18417	.29828	.12198	.25565	1.66597
18.447	.44408	1.57096	.22037	.07522	.37880	1.97674	.30038	.13484	.30107	1.70586
20.411	.48639	1.47588	.23494	.08912	.39301	1.85005	.30735	.14053	.35000	1.67348
24.518	.45866	1.29679	.23208	.09085	.41563	1.55261	.32272	.15039	.39169	1.55608
28.529	.24984	1.17828	.22193	.08732	.48552	1.63259	.33557	.16030	.47760	1.50568

TABLE 217 .- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 35

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.850	.01060	-.00761	-.02530	.00003	.00073	-.01640	-.02431	-.00597	-.01203	-.03048
.266	.03200	-.01421	-.02494	-.00005	.00352	-.05894	-.01439	-.00556	-.00786	-.07226
4.295	.04602	-.02759	-.02501	-.00012	.02404	-.13257	-.01572	-.00531	-.00062	-.13521
8.386	.04141	-.05937	-.02534	-.00008	.04663	-.19105	-.01745	-.00493	.03494	-.17985
12.467	.01469	-.07477	-.02419	.00001	.04617	-.23862	-.01714	-.00421	.05156	-.21567
16.455	-.00753	-.07585	-.01511	-.00022	.03565	-.27833	-.00851	-.00362	.04769	-.22068
18.447	-.02239	-.08216	-.01439	-.00024	.02412	-.27166	-.00356	-.00416	.04412	-.21866
20.411	-.03836	-.09127	-.00991	-.00270	.01634	-.25619	-.00203	-.00466	.03825	-.20892
24.518	-.04224	-.06211	-.00953	-.00264	-.00571	-.19624	.00005	-.00512	.01990	-.18307
28.529	-.01496	-.04193	-.00899	-.00236	-.04458	-.20489	.00009	-.00563	-.00682	-.15198

TABLE 218 .- PITCHING-MOMENT COEFFICIENT FOR RUN 35

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.850	.00442	-.30414	-.01679	-.00262	.00908	-.22229	-.03043	-.00485	.01050	-.05943
.266	-.00018	-.44790	-.01809	-.00281	.00483	-.47705	-.03397	-.00546	.00731	-.24746
4.295	-.00576	-.53003	-.01833	-.00285	.00336	-.58272	-.03508	-.00570	.00636	-.31562
8.386	-.01228	-.59452	-.01820	-.00288	-.00536	-.67194	-.03491	-.00570	-.00106	-.37664
12.467	-.02065	-.63041	-.01728	-.00278	-.01679	-.72279	-.03234	-.00576	-.01027	-.44691
16.455	-.02319	-.55840	-.01528	-.00331	-.02463	-.67579	-.02657	-.00598	-.01818	-.55213
18.447	-.02614	-.54799	-.01486	-.00339	-.02623	-.59844	-.02737	-.00680	-.02107	-.57534
20.411	-.02817	-.50530	-.01644	-.00415	-.02657	-.56748	-.02815	-.00699	-.02429	-.57319
24.518	-.02708	-.48593	-.01632	-.00423	-.02769	-.51919	-.02994	-.00754	-.02578	-.53992
28.529	-.01608	-.45998	-.01559	-.00405	-.03118	-.54343	-.03138	-.00808	-.03009	-.55038

TABLE 219 .- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 35 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.89 (60.35)	-5.89	.2150	.1422	-.3157	.0008	.0028	-.0111
.203	2.89 (60.32)	-3.85	.5581	.1240	-.3584	.0048	.0029	-.0087
.203	2.88 (60.19)	-1.73	.9843	.1222	-.4539	.0047	.0029	-.0112
.203	2.89 (60.42)	.27	1.2662	.1363	-.4668	.0026	.0034	-.0076
.203	2.88 (60.07)	2.29	1.4889	.1565	-.4604	.0012	.0034	-.0066
.203	2.88 (60.09)	4.30	1.7120	.1780	-.4231	.0010	.0039	-.0076
.203	2.89 (60.44)	6.42	1.9394	.2021	-.3999	.0018	.0040	-.0106
.203	2.89 (60.38)	8.39	2.1246	.2364	-.3592	-.0002	.0028	-.0026
.203	2.89 (60.41)	10.41	2.2934	.2703	-.3221	-.0025	.0019	-.0022
.204	2.90 (60.47)	12.47	2.4580	.3084	-.2678	-.0032	.0030	.0025
.203	2.89 (60.29)	14.52	2.4597	.3515	-.2457	-.0103	.0004	.0153
.203	2.89 (60.38)	15.48	2.4584	.3756	-.2492	-.0059	.0032	.0064
.203	2.89 (60.31)	16.45	2.4303	.4028	-.2188	-.0066	.0030	.0041
.203	2.89 (60.39)	17.49	2.4074	.4263	-.1825	-.0072	.0023	.0011
.204	2.89 (60.46)	18.45	2.3699	.4602	-.1203	-.0059	.0041	.0009
.204	2.90 (60.62)	20.41	2.2815	.5172	-.0186	-.0168	-.0048	.0102
.204	2.91 (60.68)	22.47	2.1807	.6085	.0132	-.0116	-.0023	.0038
.204	2.90 (60.66)	24.52	2.1116	.6846	-.0055	-.0117	-.0022	.0038
.204	2.92 (60.93)	26.57	2.0633	.7489	-.0223	-.0122	-.0009	.0011
.204	2.90 (60.48)	28.53	2.0516	.8133	-.0278	-.0116	.0001	.0055



TABLE 220 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = -3.853 DEGREES AND QINF = 2.89 KN/SQM ( 60.31 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.4301	128B	-.8182	214A	-.4526	255C	.5252	313A	-.5664	327E	-.3228
113A	-.4383	129B	-1.1300	213A	-.4526	254C	.6155	312A	-.5566	328E	-.2273
112A	-.5615	157C	.2870	212A	-.4501	253C	.5252	311A	-.5652	329E	-.1539
111A	-.4383	156C	.4568	211A	-.4636	252C	.5060	310A	-.5769	330E	-.0902
110A	-.5512	155C	.6046	210A	-.4572	251C	.2487	309A	-.5512		
109A	-.5854	154C	.6675	209A	-.4572	243C	-1.6723	308A	-.5341		
108A	-.7905	153C	.6675	208A	-.4658	244C	-1.4629	301A	-.5256		
101A	-.1496	152C	-.0934	201A	-.4145	245C	-1.7423	302A	-.1581		
102A	.6196	144C	-1.5223	202A	.5171	246C	-1.6004	303A	.7136		
103A	.7307	145C	-2.0585	203A	.7564	247C	-1.3456	304A	.7649		
104A	.5683	146C	-2.3870	204A	.6965	248C	-.9333	305A	.6538		
105A	.3461	147C	-1.9032	206A	.3461	249C	-.7143	307A	.1239		
106A	.1838	148C	-1.4685	207A	-.0385	250C	-.5076	345E	.0126		
107A	-.1068	149C	-1.0439	242B	.3089	264D	.2515	344E	-.0082		
142B	.4157	150C	-.7098	241B	.3254	263D	.5799	343E	-.0376		
141B	.4349	151C	-.5892	240B	.1912	262D	.6429	342E	-.0902		
140B	.3199	166D	.2049	239B	.0681	261D	.6922	341E	-.1012		
139B	.3336	165D	.5745	238B	-.1071	256D	.0868	340E	-.1820		
138B	.3007	164D	.6620	237B	-.2714	257D	-.7042	339E	-.2689		
137B	.6703	159D	-.2693	236B	-.4146	258D	-.6260	338E	-.3216		
136B	.0051	160D	-.2003	235B	-.5052	259D	-.3378	337E	-.0804		
135B	-.1783	161D	-.1556	234B	-.5040	260D	-.0673	336E	-.5077		
134B	-.3891	162D	-.1456	233B	-.4636			335E	-.5517		
133B	-.4520			232B	-.4832			334E	-.5652		
132B	-.4465			231B	-.4746			333E	-.5713		
131B	-.4602			230B	-.4693			332E	-.5872		
130B	-.5040			215B	-.4673			331E	-.5750		
115B	-.6217			216B	-.4914			314E	-.5676		
116B	-.5854			217B	-.5512			315E	-.5341		
117B	.5683			218B	-.5512			316E	-.5769		
118B	-.5940			219B	-.7649			317E	-.2179		
119B	-.9956			220B	-.9016			318E	-.4230		
120B	-.9529			222B	-.6026			319E	-.4658		
121B	-.7188			223B	-.6126			320E	-.4145		
122B	-.6383			224B	-.6003			321E	-.3926		
123B	-.6115			225B	-.6249			322E	-.3938		
124B	-.6193			226B	-.8003			323E	-.3865		
125B	-.6685			227B	-.7713			324E	-.3742		
126B	-.6953			228B	-.8730			325E	-.3987		
127B	-.7255			229B	-1.0585			326E	-.3840		

TABLE 221 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = .239 DEGREES AND QINF = 2.90 KN/SQM ( 60.47 LB/SQFT )

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WING STATION A				WING STATION B				WING STATION C					
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.2815	128B	-.9381	* 214A	-.2935	255C	.5076	* 313A	-.4400	327E	-.3277	*	*
* 113A	-.2514	129B	-1.2112	* 213A	-.3130	254C	.6441	* 312A	-.4657	328E	-.2263	*	*
* 112A	-.4070	157C	.2837	* 212A	-.3313	253C	.6769	* 311A	-.4168	329E	-.1873	*	*
* 111A	-.2924	156C	.4503	* 211A	-.3069	252C	.7315	* 310A	-.5384	330E	-.1579	*	*
* 110A	-.2827	155C	.6523	* 210A	-.4617	251C	.8025	* 309A	-.5044			*	*
* 109A	-.3850	154C	.7342	* 209A	-.4532	243C	-.7128	* 308A	-.4873			*	*
* 108A	-.2145	153C	.8243	* 208A	-.5555	244C	-1.5165	* 301A	-.6407			*	*
* 101A	.4589	152C	-.0821	* 201A	-.4191	245C	-1.9668	* 302A	.3481			*	*
* 102A	.7573	144C	-1.1579	* 202A	.7488	246C	-1.8921	* 303A	.7999			*	*
* 103A	.5101	145C	-2.2064	* 203A	.6380	247C	-1.5121	* 304A	.6039			*	*
* 104A	.1521	146C	-2.5753	* 204A	.4334	248C	-1.0897	* 305A	.4163			*	*
* 105A	-.0270	147C	-2.0181	* 206A	-.0099	249C	-.7966	* 307A	-.1804			*	*
* 106A	-.1719	148C	-1.5076	* 207A	-.4106	250C	-.6305	* 345E	.1998			*	*
* 107A	-.3339	149C	-1.0562	* 242B	.5731	264D	.1827	* 344E	.2450			*	*
* 142B	.4284	150C	-.7442	* 241B	.4912	263D	.5813	* 343E	.2438			*	*
* 141B	.4858	151C	-.6037	* 240B	.3629	262D	.6742	* 342E	.2267			*	*
* 140B	.4503	166D	.1827	* 239B	.3656	261D	.7643	* 341E	.1717			*	*
* 139B	.4448	165D	.5922	* 238B	.3329	256D	.2845	* 340E	.1119			*	*
* 138B	.4202	164D	.7124	* 237B	.2780	257D	-.8278	* 339E	.0570			*	*
* 137B	.4503	159D	-.1891	* 236B	.2645	258D	-.8066	* 338E	-.0029			*	*
* 136B	.1800	160D	-.8857	* 235B	.3317	259D	-.5157	* 337E	-.0334			*	*
* 135B	.1745	161D	-.1434	* 234B	.4123	260D	-.1669	* 336E	.1669			*	*
* 134B	.2564	162D	-.1691	* 233B	.0545			* 335E	.2438			*	*
* 133B	.0271			* 232B	-.5023			* 334E	-.2739			*	*
* 132B	-.4425			* 231B	-.5585			* 333E	-.6122			*	*
* 131B	-.4125			* 230B	-.8833			* 332E	-.6940			*	*
* 130B	-.4180			* 215B	-.9919			* 331E	-.8320			*	*
* 115B	-.4016			* 216B	-.9732			* 314E	-.9016			*	*
* 116B	-.3594			* 217B	-1.3398			* 315E	-.8112			*	*
* 117B	-.5981			* 218B	-1.5785			* 316E	-.8965			*	*
* 118B	-1.2460			* 219B	-1.4762			* 317E	-1.0158			*	*
* 119B	-1.6126			* 220B	-1.7490			* 318E	-1.0329			*	*
* 120B	-1.5699			* 222B	-1.0061			* 319E	-1.1181			*	*
* 121B	-1.1577			* 223B	-.9593			* 320E	-.8368			*	*
* 122B	-.9504			* 224B	-.9258			* 321E	-.7282			*	*
* 123B	-.8757			* 225B	-.8969			* 322E	-.6525			*	*
* 124B	-.8423			* 226B	-1.0117			* 323E	-.5926			*	*
* 125B	-.8389			* 227B	-.9994			* 324E	-.5133			*	*
* 126B	-.8478			* 228B	-1.0540			* 325E	-.4766			*	*
* 127B	-.8735			* 229B	-1.1800			* 326E	-.4193			*	*
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TABLE 22A .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 4.286 DEGREES AND QINF = 2.88 KN/SQM ( 60.24 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1247	128B	-.9735	* 214A	-.5534	255C	.5276	* 313A	-.6515	327E	-.3450
* 113A	-.2261	129B	-1.1760	* 213A	-.5730	254C	.5784	* 312A	-.6588	328E	-.2984
* 112A	-.3138	157C	.3193	* 212A	-.5804	253C	.7250	* 311A	-.6441	329E	-.2899
* 111A	-.2699	156C	.4810	* 211A	-.5522	252C	.9017	* 310A	-.6984	330E	-.2801
* 110A	-.2620	155C	.6866	* 210A	-.5615	251C	.8839	* 309A	-.7497		
* 109A	-.1507	154C	.7688	* 209A	-.7326	243C	-.6207	* 308A	-1.0749		
* 108A	.2600	153C	.8675	* 208A	-.1849	244C	-1.6056	* 301A	-.5443		
* 101A	.7050	152C	-.0315	* 201A	.1488	245C	-2.1214	* 302A	.6356		
* 102A	.5082	144C	-1.0510	* 202A	.6023	246C	-2.0274	* 303A	.6109		
* 103A	-.0138	145C	-2.1438	* 203A	.2001	247C	-1.6045	* 304A	.2515		
* 104A	-.4074	146C	-2.5253	* 204A	-.1165	248C	-1.1078	* 305A	.0547		
* 105A	-.5443	147C	-1.9636	* 206A	-.4245	249C	-.7934	* 307A	-.5615		
* 106A	-.6385	142C	-1.4300	* 207A	-.8353	250C	-.6200	* 345E	.1784		
* 107A	-.6556	149C	-1.0015	* 242B	.6893	264D	.1850	* 344E	.2409		
* 142B	.4783	150C	-.6938	* 241B	.5331	263D	.6071	* 343E	.2446		
* 141B	.5222	151C	-.5629	* 240B	.4262	262D	.7003	* 342E	.2348		
* 140B	.5167	166D	.1823	* 239B	.4262	261D	.8072	* 341E	.1722		
* 139B	.5112	165D	.5962	* 238B	.3796	256D	.3098	* 340E	.1110		
* 138B	.4893	164D	.7222	* 237B	.3157	257D	-.9269	* 339E	.0533		
* 137B	.4317	159D	-.1803	* 236B	.2911	258D	-.8258	* 338E	-.0067		
* 136B	.2426	160D	-.8504	* 235B	.3377	259D	-.5954	* 337E	-.0104		
* 135B	.2179	161D	-.1109	* 234B	.4284	260D	-.1814	* 336E	.1257		
* 134B	.2810	162D	-.1624	* 233B	.5878			* 335E	.2642		
* 133B	.5441			* 232B	.7802			* 334E	.4431		
* 132B	.5770			* 231B	.4186			* 333E	.7447		
* 131B	-.3357			* 230B	-1.7718			* 332E	.3610		
* 130B	-1.0182			* 215B	-3.5761			* 331E	-.9285		
* 115B	-.7441			* 216B	-2.0077			* 314E	-2.9927		
* 116B	-.5529			* 217B	-2.5553			* 315E	-1.9478		
* 117B	-1.3145			* 218B	-2.5639			* 316E	-1.7661		
* 118B	-2.1189			* 219B	-2.3243			* 317E	-1.8793		
* 119B	-2.3072			* 220B	-2.8548			* 318E	-1.7253		
* 120B	-2.1531			* 222B	-1.3237			* 319E	-1.9649		
* 121B	-1.5307			* 223B	-1.2174			* 320E	-1.1947		
* 122B	-1.2073			* 224B	-1.1380			* 321E	-.9763		
* 123B	-1.0776			* 225B	-1.0708			* 322E	-.8476		
* 124B	-.9948			* 226B	-1.1715			* 323E	-.7557		
* 125B	-.9556			* 227B	-1.1156			* 324E	-.6196		
* 126B	-.9299			* 228B	-1.1659			* 325E	-.5522		
* 127B	-.9321			* 229B	-1.2610			* 326E	-.4492		

TABLE 223 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 8.402 DEGREES AND QINF = 2.88 KN/SQM ( 60.17 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1533	* 129B	-.5846	* 214A	-.3195	* 255C	.5408	* 313A	-.5060	* 327E	-.4066
* 113A	-.1863	* 129R	-1.1560	* 213A	-.4189	* 254C	.6807	* 312A	-.4962	* 328E	-.3673
* 112A	-.4057	* 157C	.3296	* 212A	-.4361	* 253C	.7274	* 311A	-.4631	* 329E	-.3526
* 111A	-.1972	* 156C	.4942	* 211A	-.4091	* 252C	.7987	* 310A	-.3233	* 330E	-.3354
* 110A	-.0492	* 155C	.6917	* 210A	-.1349	* 251C	.8646	* 309A	-.2633		
* 109A	.2849	* 154C	.7740	* 209A	.0022	* 243C	-.6582	* 308A	-.0920		
* 108A	.6361	* 153C	.8728	* 208A	.6019	* 244C	-1.6275	* 301A	.4049		
* 101A	.5762	* 152C	.0085	* 201A	.4306	* 245C	-2.1471	* 302A	.6190		
* 102A	-.2890	* 144C	-.9819	* 202A	-.0663	* 246C	-2.0318	* 303A	-.1263		
* 103A	-.9743	* 145C	-2.1012	* 203A	-.6831	* 247C	-1.5871	* 304A	-.4518		
* 104A	-1.2485	* 146C	-2.4854	* 204A	-.7944	* 248C	-1.0764	* 305A	-.5546		
* 105A	-1.1714	* 147C	-1.9220	* 206A	-.9658	* 249C	-.7505	* 307A	-1.1628		
* 106A	-1.1542	* 148C	-1.3744	* 207A	-1.4112	* 250C	-.5758	* 345E	.1542		
* 107A	-1.0600	* 149C	-.9499	* 242B	.6753	* 264D	.2089	* 344E	.2155		
* 142B	.5106	* 150C	-.6620	* 241B	.5620	* 263D	.6204	* 343E	.2241		
* 141B	.5628	* 151C	-.5232	* 240B	.4449	* 262D	.7109	* 342E	.2143		
* 140B	.5353	* 166D	.2061	* 239B	.4613	* 261D	.8097	* 341E	.1615		
* 139B	.5381	* 165D	.6122	* 238B	.4311	* 256D	.3191	* 340E	.1173		
* 138B	.5134	* 164D	.7246	* 237B	.3848	* 257D	-.7673	* 339E	.0781		
* 137B	.4420	* 159D	-.1614	* 236B	.3787	* 258D	-.7662	* 338E	.0376		
* 136B	.3213	* 160D	-.7987	* 235B	.4364	* 259D	-.5433	* 337E	.0118		
* 135B	.3268	* 161D	-.0729	* 234B	.5296	* 250D	-.1648	* 336E	.2081		
* 134B	.3927	* 162D	-.1468	* 233B	.6560			* 335E	.3529		
* 133B	.5820			* 232B	.7763			* 334E	.5125		
* 132B	.7658			* 231B	.4953			* 333E	.7358		
* 131B	.4585			* 230B	-1.5699			* 332E	.5971		
* 130B	-.8941			* 215B	-3.9295			* 331E	-.4115		
* 115B	-1.3962			* 216B	-2.9189			* 314E	-3.5466		
* 116B	-.9058			* 217B	-3.7670			* 315E	-2.6675		
* 117B	-2.2422			* 218B	-3.6042			* 316E	-2.8333		
* 118B	-3.0303			* 219B	-3.0731			* 317E	-2.7476		
* 119B	-3.1574			* 220B	-3.6128			* 318E	-2.4478		
* 120B	-2.7819			* 222B	-1.6263			* 319E	-2.6534		
* 121B	-1.8671			* 223B	-1.4337			* 320E	-1.6083		
* 122B	-1.4326			* 224B	-1.3307			* 321E	-1.2091		
* 123B	-1.2355			* 225B	-1.2232			* 322E	-1.0201		
* 124B	-1.1134			* 226B	-1.2915			* 323E	-.8999		
* 125B	-1.0305			* 227B	-1.2030			* 324E	-.7023		
* 126B	-.9644			* 228B	-1.2220			* 325E	-.5944		
* 127B	-.9521			* 229B	-1.2859			* 326E	-.4876		

TABLE 224 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 12.463 DEGREES AND QINF = 2.89 KN/SQM ( 60.28 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.1855	128B	-.9164	* 214A	.1053	255C	.5580	* 313A	-.2756	327E	-.5941
* 113A	.0047	129B	-1.0617	* 213A	-.2450	254C	.6922	* 312A	-.2903	328E	-.5586
* 112A	-.1295	157C	.3553	* 212A	-.2781	253C	.7333	* 311A	-.2683	329E	-.5366
* 111A	-.0117	156C	.5087	* 211A	-.1973	252C	.7990	* 310A	.0295	330E	-.4925
* 110A	.3117	155C	.7004	* 210A	.2775	251C	.8592	* 309A	.2348		
* 109A	.6025	154C	.7798	* 209A	.5512	243C	-.5061	* 308A	.5768		
* 108A	.6709	153C	.8647	* 208A	.7564	244C	-1.5067	* 301A	.7222		
* 101A	.0295	152C	.0266	* 201A	.4913	245C	-2.0099	* 302A	-.0816		
* 102A	-1.3915	144C	-.8608	* 202A	-1.5354	246C	-1.8623	* 303A	-1.2789		
* 103A	-2.0314	145C	-1.9070	* 203A	-2.0229	247C	-1.4139	* 304A	-1.3473		
* 104A	-2.2367	146C	-2.2737	* 204A	-1.8518	248C	-.9410	* 305A	-1.2874		
* 105A	-1.9459	147C	-1.7561	* 206A	-1.7236	249C	-.6335	* 307A	-1.7150		
* 106A	-1.8091	148C	-1.2339	* 207A	-2.0913	250C	-.4882	* 345E	.1053		
* 107A	-1.4927	149C	-.8605	* 242B	.6922	264D	.2046	* 344E	.1837		
* 142B	.5224	150C	-.5609	* 241B	.6593	263D	.6182	* 343E	.1972		
* 141B	.5771	151C	-.4636	* 240B	.4813	262D	.7113	* 342E	.1996		
* 140B	.5607	166D	.2129	* 239B	.5059	261D	.8045	* 341E	.1543		
* 139B	.5607	165D	.6073	* 238B	.4895	256D	.3369	* 340E	.1151		
* 138B	.5443	164D	.7278	* 237B	.4459	257D	-.6883	* 339E	.0967		
* 137B	.4703	159D	-.1427	* 236B	.4630	258D	-.7140	* 338E	.0698		
* 136B	.3881	160D	-.7409	* 235B	.5218	259D	-.4971	* 337E	.0379		
* 135B	.4073	161D	-.0499	* 234B	.6186	260D	-.1807	* 336E	.2756		
* 134B	.4922	162D	-.1416	* 233B	.7153			* 335E	.4226		
* 133B	.6347			* 232B	.7741			* 334E	.5696		
* 132B	.7469			* 231B	.4887			* 333E	.7263		
* 131B	.5689			* 230B	-1.3769			* 332E	.5916		
* 130B	-.4198			* 215B	-3.7888			* 331E	-.2377		
* 115B	-1.0936			* 216B	-3.8016			* 314E	-3.6320		
* 116B	-.9368			* 217B	-5.0330			* 315E	-3.4510		
* 117B	-2.8866			* 218B	-4.6311			* 316E	-3.6819		
* 118B	-3.8615			* 219B	-3.8444			* 317E	-3.5451		
* 119B	-3.8016			* 220B	-4.3061			* 318E	-2.9892		
* 120B	-3.2543			* 222B	-1.8544			* 319E	-3.1260		
* 121B	-2.1630			* 223B	-1.6230			* 320E	-1.8176		
* 122B	-1.5951			* 224B	-1.4676			* 321E	-1.3511		
* 123B	-1.3245			* 225B	-1.3144			* 322E	-1.1184		
* 124B	-1.1613			* 226B	-1.3379			* 323E	-.9579		
* 125B	-1.0372			* 227B	-1.2037			* 324E	-.7681		
* 126B	-.9376			* 228B	-1.1903			* 325E	-.7374		
* 127B	-.9030			* 229B	-1.1903			* 326E	-.6676		

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TABLE 225 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 14.497 DEGREES AND QINF = 2.88 KN/SQM ( 60.23 LB/SQFT )

*****														
WING STATION A				*	WING STATION B				*	WING STATION C				*
TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*
114A	.2421	128B	-.7246	*	214A	.2968	255C	.5655	*	313A	-.1433	327E	-.7808	*
113A	.0721	129B	-.7985	*	213A	-.1556	254C	.7026	*	312A	-.1826	328E	-.7023	*
112A	-.0786	157C	.2777	*	212A	-.2181	253C	.7492	*	311A	-.1544	329E	-.6288	*
111A	.0639	156C	.4504	*	211A	-.1066	252C	.8122	*	310A	.1654	330E	-.5749	*
110A	.3703	155C	.6642	*	210A	.4136	251C	.8725	*	309A	.3965			*
109A	.6446	154C	.7601	*	209A	.6789	243C	-.5419	*	308A	.6703			*
108A	.6190	153C	.8533	*	208A	.6703	244C	-1.4284	*	301A	.6874			*
101A	-.1256	152C	.0392	*	201A	.2938	245C	-1.9152	*	302A	-.7161			*
102A	-1.6661	144C	-.5638	*	202A	-2.2652	246C	-1.7955	*	303A	-1.8201			*
103A	-2.1882	145C	-1.5090	*	203A	-2.4706	247C	-1.3339	*	304A	-1.7346			*
104A	-2.3165	146C	-1.8245	*	204A	-2.2395	248C	-.8735	*	305A	-1.5377			*
105A	-1.9913	147C	-1.3367	*	206A	-1.8686	249C	-.5904	*	307A	-1.8472			*
106A	-1.7517	148C	-.9328	*	207A	-2.3251	250C	-.4774	*	345E	.0896			*
107A	-1.3922	149C	-.6844	*	242B	.6971	264D	.2010	*	344E	.1656			*
142B	.5354	150C	-.5646	*	241B	.6669	263D	.6149	*	343E	.1791			*
141B	.5765	151C	-.5579	*	240B	.4943	262D	.7053	*	342E	.1803			*
140B	.5573	166D	.0118	*	239B	.5080	261D	.8013	*	341E	.1349			*
139B	.5573	165D	.5518	*	238B	.4997	256D	.3316	*	340E	.1043			*
138B	.5381	164D	.6861	*	237B	.4684	257D	-.6832	*	339E	.0945			*
137B	.4888	159D	-.1361	*	236B	.4855	258D	-.7146	*	338E	.0835			*
136B	.3874	160D	-.9551	*	235B	.5432	259D	-.4997	*	337E	.0528			*
135B	.4202	161D	-.0376	*	234B	.6376	260D	-.1920	*	336E	.3090			*
134B	.4943	162D	-.3767	*	233B	.7320			*	335E	.4524			*
133B	.6341			*	232B	.7663			*	334E	.5934			*
132B	.7382			*	231B	.4855			*	333E	.7320			*
131B	.5847			*	230B	-1.3251			*	332E	.5959			*
130B	-.2815			*	215B	-3.8063			*	331E	-.1948			*
115B	-.9667			*	216B	-4.0453			*	314E	-3.5844			*
116B	-.8531			*	217B	-5.3718			*	315E	-3.6003			*
117B	-2.7102			*	218B	-4.9183			*	316E	-3.9340			*
118B	-3.4976			*	219B	-4.1737			*	317E	-3.7629			*
119B	-3.4467			*	220B	-4.5502			*	318E	-3.1895			*
120B	-2.8899			*	222B	-1.9152			*	319E	-3.1638			*
121B	-1.9029			*	223B	-1.6567			*	320E	-1.8116			*
122B	-1.4016			*	224B	-1.4945			*	321E	-1.2957			*
123B	-1.1577			*	225B	-1.3166			*	322E	-1.1093			*
124B	-1.0223			*	226B	-1.3277			*	323E	-1.0529			*
125B	-.8880			*	227B	-1.1856			*	324E	-.9904			*
126B	-.7615			*	228B	-1.1487			*	325E	-.8985			*
127B	-.7168			*	229B	-1.1275			*	326E	-.8531			*
*****														

TABLE 226 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 16.476 DEGREES AND QINF = 2.89 KN/SQM ( 60.40 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.3369	129B	-.6999	* 214A	.4979	255C	.5583	* 313A	.0027	327E	-.9056
* 113A	.1538	129B	-.7580	* 213A	-.0743	254C	.6895	* 312A	-.1086	328E	-.7711
* 112A	-.0157	157C	.2741	* 212A	-.1697	253C	.7333	* 311A	-.0731	329E	-.6917
* 111A	.1374	156C	.4381	* 211A	-.0352	252C	.7961	* 310A	.2955	330E	-.6134
* 110A	.4662	155C	.6513	* 210A	.5004	251C	.8645	* 309A	.5260		
* 109A	.6625	154C	.7469	* 209A	.7393	243C	-.3519	* 308A	.7308		
* 108A	.5260	153C	.8481	* 208A	.4662	244C	-1.1462	* 301A	.5516		
* 101A	-.4896	152C	.0363	* 201A	-.1909	245C	-1.6372	* 302A	-1.4284		
* 102A	-2.2136	144C	-.5323	* 202A	-2.9390	246C	-1.4430	* 303A	-2.6061		
* 103A	-2.6488	145C	-1.4598	* 203A	-3.1011	247C	-1.0492	* 304A	-2.2733		
* 104A	-2.6147	146C	-1.7800	* 204A	-2.7086	248C	-.6787	* 305A	-1.9575		
* 105A	-2.2136	147C	-1.3292	* 206A	-2.1026	249C	-.4879	* 307A	-2.1709		
* 106A	-1.8295	148C	-.9164	* 207A	-2.5464	250C	-.4277	* 345E	.0931		
* 107A	-1.5137	149C	-.6854	* 242B	.7169	264D	.1565	* 344E	.1726		
* 142B	.5337	150C	-.5649	* 241B	.6923	263D	.6157	* 343E	.1897		
* 141B	.5802	151C	-.5683	* 240B	.5173	262D	.7141	* 342E	.1861		
* 140B	.5611	166D	-.0266	* 239B	.5255	261D	.8071	* 341E	.1445		
* 139B	.5556	165D	.5419	* 238B	.5119	256D	.3500	* 340E	.1078		
* 138B	.5474	164D	.6895	* 237B	.4733	257D	-.6542	* 339E	.1152		
* 137B	.4982	159D	-.1253	* 236B	.4990	258D	-.7133	* 336E	.1139		
* 136B	.4025	160D	-.9789	* 235B	.5614	259D	-.5125	* 337E	.0724		
* 135B	.4408	161D	-.0260	* 234B	.6579	260D	-.2402	* 336E	.3438		
* 134B	.5255	162D	-.4210	* 233B	.7411			* 335E	.4794		
* 133B	.6567			* 232B	.7545			* 334E	.6102		
* 132B	.7469			* 231B	.4758			* 333E	.7203		
* 131B	.6075			* 230B	-1.2662			* 332E	.5736		
* 130B	-.1797			* 215B	-3.8260			* 331E	-.1941		
* 115B	-.8275			* 216B	-4.3386			* 314E	-3.6036		
* 116B	-.8651			* 217B	-5.7126			* 315E	-3.8436		
* 117B	-2.8195			* 218B	-5.2176			* 316E	-4.3386		
* 118B	-3.6047			* 219B	-4.5605			* 317E	-4.0655		
* 119B	-3.5022			* 220B	-4.6715			* 318E	-3.4169		
* 120B	-2.9219			* 222B	-1.9228			* 319E	-3.2206		
* 121B	-1.8849			* 223B	-1.6550			* 320E	-1.8551		
* 122B	-1.3426			* 224B	-1.4709			* 321E	-1.3335		
* 123B	-1.1228			* 225B	-1.2377			* 322E	-1.1843		
* 124B	-.9722			* 226B	-1.2500			* 323E	-1.1855		
* 125B	-.8305			* 227B	-1.0324			* 324E	-1.0963		
* 126B	-.7089			* 228B	-.9711			* 325E	-1.0327		
* 127B	-.6821			* 229B	-.9264			* 326E	-.9789		

TABLE 227 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 20.530 DEGREES AND QINF = 2.90 KN/SQM ( 60.67 LB/SOFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.6272	128B	-.6914	* 214A	.5755	255C	.4993	* 313A	.3394	327E	-1.0602
* 113A	.3741	129B	-.7480	* 213A	.1240	254C	.6544	* 312A	.0400	328E	-.9957
* 112A	.0259	157C	.2598	* 212A	-.0342	253C	.6979	* 311A	.0972	329E	-.9385
* 111A	.2516	156C	.4449	* 211A	.0753	252C	.7741	* 310A	.5014	330E	-.8996
* 110A	.6119	155C	.6544	* 210A	.6034	251C	.8503	* 309A	.7053		
* 109A	.6799	154C	.7442	* 209A	.7563	243C	-.2845	* 308A	.7223		
* 108A	.2295	153C	.8367	* 208A	.1446	244C	-1.0791	* 301A	.1955		
* 101A	-1.2489	152C	.0366	* 201A	-.8071	245C	-1.4857	* 302A	-2.6339		
* 102A	-3.1607	144C	-.4995	* 202A	-3.8745	246C	-1.3535	* 303A	-3.6196		
* 103A	-3.5176	145C	-1.4568	* 203A	-3.7300	247C	-1.0135	* 304A	-2.9313		
* 104A	-3.3222	146C	-1.7772	* 204A	-3.2542	248C	-.7658	* 305A	-2.5659		
* 105A	-2.4045	147C	-1.3324	* 206A	-2.1411	249C	-.6936	* 307A	-2.4215		
* 106A	-2.1411	148C	-.9424	* 207A	-2.4555	250C	-.6647	* 345E	-.0160		
* 107A	-1.7502	149C	-.6914	* 242B	.7061	264D	-.0396	* 344E	.1009		
* 142B	.5455	150C	-.5947	* 241B	.6626	263D	.5646	* 343E	.1264		
* 141B	.5782	151C	-.5969	* 240B	.4911	262D	.6843	* 342E	.1386		
* 140B	.5646	166D	-.0287	* 239B	.4966	261D	.7959	* 341E	.1082		
* 139B	.5619	165D	.5483	* 238B	.4802	256D	.2540	* 340E	.0851		
* 138B	.5455	164D	.6892	* 237B	.4745	257D	-.9469	* 339E	.1070		
* 137B	.5102	159D	-.2048	* 236B	.5098	258D	-1.0280	* 338E	.1240		
* 136B	.4367	160D	-.9913	* 235B	.5792	259D	-.7680	* 337E	.0924		
* 135B	.4857	161D	-.0382	* 234B	.6790	260D	-.5214	* 336E	.3747		
* 134B	.5782	162D	-.4403	* 233B	.7605			* 335E	.5232		
* 133B	.6979			* 232B	.7544			* 334E	.6400		
* 132B	.7633			* 231B	.5025			* 333E	.7204		
* 131B	.6353			* 230B	-1.0590			* 332E	.5634		
* 130B	-.0287			* 215B	-3.4445			* 331E	-.1474		
* 115B	-.6274			* 216B	-4.1719			* 314E	-3.4701		
* 116B	-.9345			* 217B	-5.4039			* 315E	-4.0019		
* 117B	-3.1012			* 218B	-4.6732			* 316E	-4.6052		
* 118B	-3.9339			* 219B	-3.9339			* 317E	-4.2313		
* 119B	-3.2150			* 220B	-3.5686			* 318E	-3.4241		
* 120B	-3.0758			* 222B	-1.4812			* 319E	-3.1437		
* 121B	-1.8945			* 223B	-1.2035			* 320E	-1.8012		
* 122B	-1.3624			* 224B	-1.0880			* 321E	-1.2355		
* 123B	-1.1146			* 225B	-.9569			* 322E	-1.0590		
* 124B	-.9424			* 226B	-.8936			* 323E	-1.0614		
* 125B	-.8225			* 227B	-.8225			* 324E	-1.0335		
* 126B	-.7036			* 228B	-.7425			* 325E	-1.0408		
* 127B	-.6914			* 229B	-.7969			* 326E	-1.0663		



TABLE 22B .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 24.507 DEGREES AND QINF = 2.90 KN/SQM ( 60.53 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.6741	128B	-.7722	* 214A	.6135	255C	.4996	* 313A	.3549		
* 113A	.7041	129B	-.7877	* 213A	.2915	254C	.6550	* 312A	.1659	327E	-.8941
* 112A	.0932	157C	.2132	* 212A	.1476	253C	.7096	* 311A	.2208	328E	-.8441
* 111A	.3059	156C	.4150	* 211A	.2317	252C	.7723	* 310A	.5671	329E	-.7990
* 110A	.7119	155C	.6468	* 210A	.7034	251C	.8432	* 309A	.7204	330E	-.7746
* 109A	.6012	154C	.7396	* 209A	.7459	243C	-.2777	* 308A	.6438		
* 108A	-.2674	153C	.8350	* 208A	-.2163	244C	-1.0327	* 301A	.0051		
* 101A	-2.3112	152C	.0386	* 201A	-1.4681	245C	-1.4301	* 302A	-3.0520		
* 102A	-4.5423	144C	-.5232	* 202A	-4.4401	246C	-1.3500	* 303A	-3.7759		
* 103A	-4.5678	145C	-1.5103	* 203A	-3.9973	247C	-1.0316	* 304A	-2.9669		
* 104A	-4.1676	146C	-1.8465	* 204A	-3.3841	248C	-.8111	* 305A	-2.0131		
* 105A	-2.8391	147C	-1.3812	* 206A	-2.0898	249C	-.7610	* 307A	-2.0727		
* 106A	-2.4815	148C	-1.0026	* 207A	-2.2856	250C	-.7432	* 345E	.0268		
* 107A	-1.9450	149C	-.8790	* 242B	.6905	264D	-.1005	* 344E	.1366		
* 142B	.5568	150C	-.7911	* 241B	.6741	263D	.5432	* 343E	.1537		
* 141B	.5923	151C	-.8122	* 240B	.4996	262D	.6632	* 342E	.1646		
* 140B	.5732	166D	-.1277	* 239B	.5105	261D	.7859	* 341E	.1402		
* 139B	.5650	165D	.5077	* 238B	.4968	256D	.2098	* 340E	.1171		
* 138B	.5541	164D	.6632	* 237B	.4915	257D	-1.0371	* 339E	.1317		
* 137B	.5214	159D	-.5495	* 236B	.5318	258D	-1.1173	* 338E	.1524		
* 136B	.4641	160D	-1.2743	* 235B	.6062	259D	-.8545	* 337E	.1085		
* 135B	.5296	161D	-.0540	* 234B	.6916	260D	-.6252	* 336E	.3976		
* 134B	.6250	162D	-.6408	* 233B	.7634			* 335E	.5342		
* 133B	.7259			* 232B	.7562			* 334E	.6428		
* 132B	.7587			* 231B	.5464			* 333E	.7135		
* 131B	.6523			* 230B	-.7526			* 332E	.5830		
* 130B	.1150			* 215B	-2.9092			* 331E	.0036		
* 115B	-.4878			* 216B	-3.6822			* 314E	-2.7616		
* 116B	-.9827			* 217B	-4.5423			* 315E	-3.2224		
* 117B	-3.4012			* 218B	-3.8270			* 316E	-3.6737		
* 118B	-4.2187			* 219B	-2.6518			* 317E	-3.2990		
* 119B	-3.9547			* 220B	-2.3878			* 318E	-2.3963		
* 120B	-3.0520			* 222B	-1.0371			* 319E	-1.9024		
* 121B	-1.8777			* 223B	-1.0160			* 320E	-1.3148		
* 122B	-1.2219			* 224B	-.9458			* 321E	-1.1369		
* 123B	-.9013			* 225B	-.8946			* 322E	-1.0869		
* 124B	-.7766			* 226B	-.8423			* 323E	-1.0576		
* 125B	-.7332			* 227B	-.7933			* 324E	-.9868		
* 126B	-.7243			* 228B	-.7822			* 325E	-.9527		
* 127B	-.7488			* 229B	-.7811			* 326E	-.9185		
*****											

TABLE 229 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 28.535 DEGREES AND QINF = 2.89 KN/SQM ( 60.38 LB/SQFT )

*****															
*	WING STATION A				*	WING STATION B				*	WING STATION C				*
*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*
*	114A	.6693	128B	-.7367	*	214A	.5954	255C	.5052	*	313A	.4327	327E	-.9088	*
*	113A	.7650	129B	-.7054	*	213A	.4596	254C	.6611	*	312A	.3349	328E	-.8819	*
*	112A	.1853	157C	.1990	*	212A	.3288	253C	.7130	*	311A	.3875	329E	-.8574	*
*	111A	.4205	156C	.3931	*	211A	.3618	252C	.7787	*	310A	.6928	330E	-.8391	*
*	110A	.7355	155C	.6337	*	210A	.7782	251C	.8306	*	309A	.7440			*
*	109A	.5050	154C	.7294	*	209A	.6416	243C	-.3288	*	308A	.4367			*
*	108A	-.5622	153C	.8306	*	208A	-.7159	244C	-1.0526	*	301A	-.6561			*
*	101A	-2.9698	152C	.0267	*	201A	-2.6026	245C	-1.4566	*	302A	-4.5065			*
*	102A	-5.1809	144C	-.4354	*	202A	-5.8127	246C	-1.3952	*	303A	-4.7199			*
*	103A	-4.6858	145C	-1.4131	*	203A	-4.8480	247C	-1.0860	*	304A	-3.6784			*
*	104A	-4.4467	146C	-1.6932	*	204A	-3.3113	248C	-.8739	*	305A	-2.3124			*
*	105A	-2.5002	147C	-1.2535	*	206A	-2.2782	249C	-.8014	*	307A	-2.1929			*
*	106A	-2.3209	148C	-.9588	*	207A	-2.3977	250C	-.7858	*	345E	.0133			*
*	107A	-1.9026	149C	-.8315	*	242B	.6693	264D	-.0909	*	344E	.1209			*
*	142B	.5681	150C	-.7780	*	241B	.7021	263D	.5544	*	343E	.1429			*
*	141B	.6037	151C	-.7958	*	240B	.5134	262D	.6720	*	342E	.1563			*
*	140B	.5873	166D	-.1538	*	239B	.5189	261D	.7896	*	341E	.1270			*
*	139B	.5845	165D	.5052	*	238B	.5134	256D	.1931	*	340E	.1209			*
*	138B	.5818	164C	.6583	*	237B	.5220	257D	-1.1028	*	339E	.1478			*
*	137B	.5462	159D	-.5391	*	236B	.5721	258D	-1.1943	*	338E	.1784			*
*	136B	.5134	160D	-1.3059	*	235B	.6431	259D	-.8985	*	337E	.1148			*
*	135B	.5763	161D	-.0748	*	234B	.7189	260D	-.6619	*	336E	.4303			*
*	134B	.6583	162D	-.7322	*	233B	.7678			*	335E	.5623			*
*	133B	.7623			*	232B	.7299			*	334E	.6590			*
*	132B	.7759			*	231B	.5354			*	333E	.7042			*
*	131B	.6884			*	230B	-.6667			*	332E	.5758			*
*	130B	.2126			*	215B	-2.8862			*	331E	.0695			*
*	115C	-.3424			*	216B	-3.7381			*	314E	-2.5548			*
*	116B	-.9208			*	217E	-4.5663			*	315E	-3.0978			*
*	117B	-3.1490			*	218B	-3.8918			*	316E	-3.5845			*
*	118B	-3.8064			*	219B	-2.5770			*	317E	-3.1149			*
*	119B	-2.9527			*	220B	-2.3294			*	318E	-2.2014			*
*	120B	-2.1843			*	222E	-1.0570			*	319E	-1.6635			*
*	121B	-1.2535			*	223B	-1.0034			*	320E	-1.2281			*
*	122B	-.8617			*	224B	-.9543			*	321E	-1.0971			*
*	123B	-.7735			*	225B	-.8806			*	322E	-1.0873			*
*	124B	-.7500			*	226B	-.8594			*	323E	-1.0091			*
*	125B	-.7300			*	227B	-.8282			*	324E	-.9540			*
*	126B	-.7344			*	228B	-.8181			*	325E	-.9333			*
*	127B	-.7233			*	229B	-.8170			*	326E	-.8892			*
*****															

TABLE 230.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 36

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.853	-.10577	.58788	.26344	.06432	-.12933	.37168	.31768	.10061	-.14128	.03135
.239	-.05641	1.01763	.28240	.06863	-.08480	1.10446	.38079	.11698	-.11337	.55581
4.286	.00736	1.34188	.27988	.06773	-.06086	1.59249	.40169	.12248	-.10935	.95739
8.402	.09377	1.61335	.27500	.06666	.06042	1.91870	.39791	.11984	-.00487	1.22299
12.463	.22803	1.78436	.25791	.06518	.23443	2.19713	.37195	.11749	.13412	1.45133
14.497	.24401	1.61737	.22608	.07479	.29512	2.27009	.36228	.11771	.19642	1.56833
16.476	.28634	1.60819	.22354	.07654	.36376	2.28601	.31799	.11996	.27750	1.59063
20.530	.37230	1.66359	.22569	.07785	.42901	1.93359	.32118	.14588	.39709	1.71034
24.507	.47177	1.64969	.24494	.08890	.45851	1.65169	.32705	.15413	.38067	1.47307
28.535	.49340	1.48689	.23478	.09383	.51260	1.66914	.33686	.16115	.47164	1.44017

TABLE 231.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 36

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.053	-.00696	-.02379	-.02576	-.00032	-.00405	-.01636	-.02578	-.00595	-.01112	-.02772
.239	.01755	-.03504	-.02502	-.00026	-.00147	-.05999	-.01448	-.00560	-.00648	-.06961
4.286	.03936	-.06514	-.02449	-.00021	.02133	-.13649	-.01572	-.00534	-.00173	-.13043
8.402	.05421	-.11247	-.02418	-.00010	.04494	-.18989	-.01778	-.00490	.03386	-.18311
12.463	.05045	-.13610	-.02236	.00006	.04941	-.24193	-.01797	-.00414	.05140	-.21360
14.497	.04266	-.12962	-.01521	-.00021	.04216	-.25950	-.01675	-.00406	.04694	-.21377
16.476	.03211	-.13361	-.01442	-.00017	.02995	-.28476	-.01241	-.00357	.04668	-.22542
20.530	.01173	-.14365	-.01377	-.00056	.00638	-.26750	-.00413	-.00503	.03626	-.22227
24.507	-.02025	-.15379	-.01130	-.00265	-.01903	-.21332	-.00125	-.00538	.01795	-.16403
28.525	-.04768	-.12650	-.00949	-.00248	-.05691	-.21330	-.00095	-.00580	-.00706	-.15098

TABLE 232.- PITCHING-MOMENT COEFFICIENT FOR RUN 36

ALPHA	COMPONENT-STATION									
	A-A	R-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.853	.00607	-.33418	-.01739	-.00271	.00887	-.21451	-.02955	-.00470	.01046	-.05844
.239	.00250	-.46217	-.01831	-.00288	.00479	-.47401	-.03384	-.00540	.00755	-.24630
4.286	-.00194	-.54027	-.01811	-.00285	.00294	-.58381	-.03520	-.00566	.00645	-.31733
8.402	-.00685	-.60143	-.01772	-.00285	-.00517	-.66526	-.03467	-.00561	-.00107	-.37527
12.463	-.01500	-.63200	-.01667	-.00281	-.01704	-.72551	-.03227	-.00563	-.01045	-.45041
14.497	-.01566	-.56682	-.01517	-.00336	-.02097	-.73602	-.03143	-.00567	-.01435	-.50895
16.476	-.01786	-.55576	-.01503	-.00346	-.02549	-.71717	-.02781	-.00587	-.01965	-.56066
20.530	-.02281	-.56436	-.01525	-.00354	-.02895	-.59766	-.02927	-.00726	-.02770	-.57825
24.507	-.02800	-.55582	-.01704	-.00414	-.03015	-.54460	-.03027	-.00775	-.02488	-.52365
28.535	-.02776	-.53084	-.01647	-.00445	-.03249	-.55485	-.03134	-.00813	-.02969	-.52073

TABLE 233.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 36 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.89 (60.35)	-5.90	.1571	.1488	-.2990	.0023	.0036	-.0131
.203	2.89 (60.26)	-3.85	.5352	.1284	-.3537	.0042	.0028	-.0081
.203	2.89 (60.44)	-1.80	.9710	.1210	-.4496	.0091	.0029	-.0078
.203	2.89 (60.42)	.24	1.2541	.1360	-.4730	.0021	.0034	-.0069
.203	2.88 (60.23)	2.32	1.5103	.1512	-.4592	.0020	.0036	-.0102
.203	2.88 (60.19)	4.29	1.7051	.1754	-.4326	.0013	.0038	-.0053
.203	2.88 (60.16)	6.35	1.8887	.2043	-.4140	.0008	.0033	-.0069
.203	2.88 (60.12)	8.40	2.1077	.2317	-.3699	-.0003	.0028	-.0004
.204	2.90 (60.67)	10.50	2.2850	.2639	-.3325	-.0024	.0020	-.0022
.203	2.88 (60.23)	12.46	2.4248	.2966	-.2815	-.0028	.0025	.0034
.203	2.88 (60.12)	13.47	2.4093	.3209	-.2895	-.0113	-.0001	.0130
.203	2.88 (60.18)	14.50	2.4747	.3443	-.2597	-.0124	.0004	.0202
.203	2.88 (60.14)	15.47	2.5033	.3659	-.2391	-.0128	.0006	.0208
.203	2.89 (60.35)	16.48	2.5400	.3878	-.2095	-.0153	-.0001	.0264
.203	2.89 (60.29)	17.55	2.4724	.4200	-.2187	-.0093	.0022	.0038
.203	2.88 (60.25)	18.52	2.4543	.4523	-.1811	-.0149	-.0019	.0113
.204	2.90 (60.62)	20.53	2.4361	.5241	-.0940	-.0357	-.0144	.0188
.204	2.90 (60.49)	22.61	2.3786	.6018	.0139	-.0251	-.0099	.0085
.204	2.90 (60.48)	24.51	2.2809	.6663	.0643	-.0144	-.0033	.0050
.203	2.89 (60.32)	26.55	2.2499	.7371	.0721	-.0159	-.0053	.0046
.203	2.89 (60.33)	28.54	2.2023	.8130	.0668	-.0125	-.0043	.0057

TABLE 234 .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = -3.905 DEGREES AND QINF = 2.89 KN/SQM ( 60.31 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CF	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.5234	123B	-.7961	* 214A	-.4674	255C	.5032	* 313A	-.5580	327E	-.3315
* 113A	-.5069	129B	-1.0944	* 213A	-.4466	254C	.5442	* 312A	-.5556	328E	-.2446
* 112A	-.6411	157C	.2815	* 212A	-.4478	253C	.4265	* 311A	-.5568	329E	-.1650
* 111A	-.5398	156C	.4512	* 211A	-.4552	252C	.4795	* 310A	-.6112	330E	-.0989
* 110A	-.6283	155C	.5826	* 210A	-.5001	251C	-.0744	* 309A	-.6027		
* 109A	-.6454	154C	.6236	* 209A	-.4574	243C	-1.7224	* 308A	-.5771		
* 108A	-.6369	153C	.5771	* 208A	-.5001	244C	-1.3369	* 301A	-.5941		
* 101A	-.6369	152C	-.0909	* 201A	-.3976	245C	-1.5537	* 302A	-.2181		
* 102A	.2947	144C	-1.5636	* 202A	.4571	246C	-1.4408	* 303A	.6623		
* 103A	.7050	145C	-2.0487	* 203A	.7392	247C	-1.2520	* 304A	.7477		
* 104A	.6979	146C	-2.2811	* 204A	.6708	248C	-.8776	* 305A	.6452		
* 105A	.5511	147C	-1.8116	* 206A	.3460	249C	-.6139	* 307A	.1238		
* 106A	.3631	148C	-1.3961	* 207A	-.0557	250C	-.4362	* 345E	-.0132		
* 107A	-.0386	149C	-.9670	* 242B	.2158	264D	.2294	* 344E	-.0267		
* 142B	.3526	150C	-.6832	* 241B	.2456	263D	.5497	* 343E	-.0610		
* 141B	.3663	151C	-.5460	* 240B	.1145	262D	.5853	* 342E	-.1271		
* 140B	.2959	166D	.2212	* 239B	-.0197	261D	.6510	* 341E	-.1369		
* 139B	.2596	165D	.5771	* 238B	-.1511	256D	.0845	* 340E	-.2189		
* 138B	.2294	164D	.6620	* 237B	-.3719	257D	-.5547	* 339E	-.2924		
* 137B	.5990	159D	-.1401	* 236B	-.4711	258D	-.5391	* 338E	-.3499		
* 136B	-.1100	160D	-.7424	* 235B	-.5175	259D	-.2508	* 337E	.0308		
* 135B	-.3290	161D	-.1435	* 234B	-.5066	260D	-.0630	* 336E	-.5042		
* 134B	-.4549	162D	-.1245	* 233B	-.4772			* 335E	-.5360		
* 133B	-.5069			* 232B	-.4858			* 334E	-.5605		
* 132B	-.5617			* 231B	-.4907			* 333E	-.5739		
* 131B	-.5672			* 230B	-.4968			* 332E	-.5654		
* 130B	-.5699			* 215B	-.4662			* 331E	-.5862		
* 115B	-.6821			* 216B	-.5087			* 314E	-.5629		
* 116B	-.7480			* 217B	-.5172			* 315E	-.5258		
* 117B	.3118			* 218B	-.5771			* 316E	-.5600		
* 118B	-.6711			* 219B	-.7565			* 317E	-.1412		
* 119B	-1.0300			* 220B	-.8420			* 318E	-.4232		
* 120B	-1.0471			* 222B	-.5614			* 319E	-.4403		
* 121B	-.7100			* 223B	-.5759			* 320E	-.4232		
* 122B	-.6385			* 224B	-.5905			* 321E	-.3732		
* 123B	-.6184			* 225B	-.5882			* 322E	-.3891		
* 124B	-.5949			* 226B	-.7525			* 323E	-.3732		
* 125B	-.6519			* 227B	-.7447			* 324E	-.3719		
* 126B	-.6854			* 228B	-.8408			* 325E	-.3940		
* 127B	-.7178			* 229B	-.9804			* 326E	-.3866		

TABLE 235 .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = .201 DEGREES AND QINF = 2.88 KN/SQM ( 60.19 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.2517	128B	-.9336	* 214A	-.3289	255C	.4970	* 313A	-.4406	327E	-.3203
* 113A	-.3285	129B	-1.1900	* 213A	-.3179	254C	.6314	* 312A	-.4553	328E	-.2198
* 112A	-.3916	157C	.2941	* 212A	-.3449	253C	.6671	* 311A	-.4148	329E	-.1830
* 111A	-.3916	156C	.4669	* 211A	-.3216	252C	.7055	* 310A	-.6055	330E	-.1547
* 110A	-.4771	155C	.6698	* 210A	-.4514	251C	.7357	* 309A	-.5798		
* 109A	-.5028	154C	.7576	* 209A	-.4514	243C	-.7180	* 308A	-.5627		
* 108A	-.7168	153C	.8591	* 208A	-.5284	244C	-1.5001	* 301A	-.6826		
* 101A	-.1174	152C	-.0735	* 201A	-.3743	245C	-1.9368	* 302A	.2851		
* 102A	.6533	144C	-1.0965	* 202A	.7475	246C	-1.8629	* 303A	.7561		
* 103A	.7304	145C	-2.1798	* 203A	.6448	247C	-1.4912	* 304A	.5591		
* 104A	.5420	146C	-2.5548	* 204A	.4392	248C	-1.0814	* 305A	.3964		
* 105A	.2937	147C	-1.9894	* 206A	.0111	249C	-.7825	* 307A	-.1773		
* 106A	.0539	148C	-1.4722	* 207A	-.4086	250C	-.6190	* 345E	.1936		
* 107A	-.2459	149C	-1.0355	* 242B	.5545	264D	.1679	* 344E	.2329		
* 142B	.4614	150C	-.7287	* 241B	.4863	263D	.5574	* 343E	.2317		
* 141B	.4970	151C	-.5955	* 240B	.3626	262D	.6479	* 342E	.2169		
* 140B	.4751	166D	.1789	* 239B	.3599	261D	.7411	* 341E	.1703		
* 139B	.4778	165D	.5621	* 236B	.3270	256D	.2823	* 340E	.1151		
* 138B	.4532	164D	.7055	* 237B	.2734	257D	-.7914	* 339E	.0587		
* 137B	.4422	159D	-.1353	* 236B	.2525	258D	-.7757	* 338E	.0023		
* 136B	.2063	160D	-.8621	* 235B	.3089	259D	-.4981	* 337E	.0538		
* 135B	.2228	161D	-.1566	* 234B	.3752	260D	-.1577	* 336E	.1654		
* 134B	.3626	162D	-.1734	* 233B	-.0137			* 335E	.2047		
* 133B	-.1969			* 232B	-.4933			* 334E	-.2774		
* 132B	-.4986			* 231B	-.5534			* 333E	-.6000		
* 131B	-.5013			* 230B	-.9153			* 332E	-.6761		
* 130B	-.6083			* 215B	-.9729			* 331E	-.8159		
* 115B	-.5562			* 216B	-.9652			* 314E	-.9104		
* 116B	-.5456			* 217B	-1.3077			* 315E	-.8710		
* 117B	-.8624			* 218B	-1.4961			* 316E	-.9224		
* 118B	-1.4362			* 219B	-1.4704			* 317E	-1.0594		
* 119B	-1.6760			* 220B	-1.7702			* 318E	-1.0508		
* 120B	-1.5903			* 222B	-1.0030			* 319E	-1.1536		
* 121B	-1.1721			* 223B	-.9594			* 320E	-.8453		
* 122B	-.9526			* 224B	-.9213			* 321E	-.7264		
* 123B	-.8799			* 225B	-.8944			* 322E	-.6528		
* 124B	-.8418			* 226B	-1.0008			* 323E	-.5927		
* 125B	-.8564			* 227B	-.9795			* 324E	-.5031		
* 126B	-.8508			* 228B	-1.0344			* 325E	-.4749		
* 127B	-.8709			* 229B	-1.1620			* 326E	-.4160		

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TABLE 236 .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = 4.284 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1257	128B	-.9493	214A	-.5413	255C	.5202	313A	-.6551	327E	-.3491
113A	-.2735	129B	-1.1460	213A	-.5662	254C	.6707	312A	-.6612	328E	-.2989
112A	-.3912	157C	.3040	212A	-.5707	253C	.7117	311A	-.6490	329E	-.2867
111A	-.3611	156C	.4654	211A	-.5413	252C	.7911	310A	-.6958	330E	-.2830
110A	-.4395	155C	.6707	210A	-.5591	251C	.8677	309A	-.7386		
109A	-.5335	154C	.7555	209A	-.7727	243C	-.6265	308A	-1.0718		
108A	-.2942	153C	.8540	208A	-.2259	244C	-1.6029	301A	-.4993		
101A	.3637	152C	-.0327	201A	.0988	245C	-2.1145	302A	.6371		
102A	.6969	144C	-1.0124	202A	.6457	246C	-2.0162	303A	.6200		
103A	.4833	145C	-2.1011	203A	.2270	247C	-1.6051	304A	.2099		
104A	.0646	146C	-2.4921	204A	-.0464	248C	-1.1102	305A	.0475		
105A	-.1661	147C	-1.9436	205A	-.4395	249C	-.7840	307A	-.6019		
106A	-.3882	148C	-1.3884	207A	-.8411	250C	-.6120	345E	.1821		
107A	-.6617	149C	-.9661	242B	.6707	264D	.1835	344E	.2408		
142B	.4018	150C	-.6835	241B	.5174	263D	.6023	343E	.2420		
141B	.5174	151C	-.5472	240B	.4107	262D	.6953	342E	.2298		
140B	.5065	165D	.1808	239B	.4080	261D	.8048	341E	.1649		
139B	.5037	165D	.5913	238B	.3669	256D	.3175	340E	.1074		
138B	.4764	164D	.7117	237B	.3118	257D	-.3108	339E	.0487		
137B	.4134	159D	-.1215	236B	.2995	258D	-.8075	338E	-.0113		
136B	.2437	160D	-.0376	235B	.3363	259D	-.5796	337E	.0597		
135B	.2355	161D	-.1171	234B	.4317	260D	-.1729	336E	.1209		
134B	.3258	162D	-.1651	233B	.5896			335E	.2555		
133B	.6543			232B	.7818			334E	.4403		
132B	.5950			231B	.4342			333E	.7426		
131B	-.5636			230B	-1.7767			332E	.3546		
130B	-1.2669			215B	-3.4812			321E	-1.0137		
115B	-.9522			216B	-2.0203			314E	-3.1667		
116B	-.9009			217B	-2.5671			315E	-1.9605		
117B	-1.7468			218B	-2.5415			316E	-1.8152		
118B	-2.4390			219B	-2.3023			317E	-1.8836		
119B	-2.5159			220B	-2.7637			318E	-1.7298		
120B	-2.2168			222B	-1.3191			319E	-2.0203		
121B	-1.5671			223B	-1.2040			320E	-1.2000		
122B	-1.2275			224B	-1.1348			321E	-.9782		
123B	-1.0800			225B	-1.0722			322E	-.8461		
124B	-.9918			226B	-1.1661			323E	-.7506		
125B	-.9438			227B	-1.1091			324E	-.6233		
126B	-.9114			228B	-1.1605			325E	-.5548		
127B	-.9169			229B	-1.2543			326E	-.4519		

TABLE 237 .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = 8.347 DEGREES AND QINF = 2.88 KN/SQM ( 60.15 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1784	128B	-.9538	* 214A	-.3174	255C	.5572	* 313A	-.4966	327E	-.4131
* 113A	-.2936	129B	-1.1006	* 213A	-.4340	254C	.6944	* 312A	-.4917	328E	-.3641
* 112A	-.3650	157C	.3266	* 212A	-.4402	253C	.7383	* 311A	-.4524	329E	-.3456
* 111A	-.2909	156C	.4803	* 211A	-.3984	252C	.8069	* 310A	-.3151	330E	-.3309
* 110A	-.2465	155C	.6752	* 210A	-.1437	251C	.8701	* 309A	-.2465		
* 109A	-.1094	154C	.7603	* 209A	.0105	243C	-.6641	* 308A	-.0752		
* 108A	.2762	153C	.8591	* 208A	.6104	244C	-1.6305	* 301A	.4218		
* 101A	.6532	152C	-.0027	* 201A	.3790	245C	-2.1492	* 302A	.6875		
* 102A	.4304	144C	-.9221	* 202A	-.0752	246C	-2.0417	* 303A	.0105		
* 103A	-.1609	145C	-2.0069	* 203A	-.7436	247C	-1.6014	* 304A	-.4693		
* 104A	-.5722	146C	-2.3901	* 204A	-.8121	248C	-1.0871	* 305A	-.5208		
* 105A	-.7436	147C	-1.8389	* 206A	-1.0006	249C	-.7600	* 307A	-1.1206		
* 106A	-.9321	148C	-1.3034	* 207A	-1.4034	250C	-.5852	* 345E	.1576		
* 107A	-1.1292	149C	-.8989	* 242B	.6834	264D	.2141	* 344E	.2165		
* 142B	.5242	150C	-.6054	* 241B	.5846	263D	.6258	* 343E	.2239		
* 141B	.5527	151C	-.4866	* 240B	.4447	262D	.7219	* 342E	.2178		
* 140B	.5490	166D	.1977	* 239B	.4501	261D	.8289	* 341E	.1637		
* 139B	.5490	165D	.6011	* 238B	.4200	256D	.3111	* 340E	.1122		
* 138B	.5297	164D	.7164	* 237B	.3921	257D	-.7768	* 339E	.0729		
* 137B	.4337	159D	-.1203	* 236B	.3871	258D	-.7779	* 338E	.0361		
* 136B	.3321	160D	-.7667	* 235B	.4387	259D	-.5438	* 337E	.0643		
* 135B	.3404	161D	-.0755	* 234B	.5332	260D	-.1617	* 336E	.2104		
* 134B	.4309	162D	-.1472	* 233B	.6633			* 335E	.3491		
* 133B	.6450			* 232B	.7848			* 334E	.5148		
* 132B	.6972			* 231B	.5013			* 333E	.7394		
* 131B	-.0411			* 230B	-1.5547			* 332E	.6007		
* 130B	-1.5808			* 215B	-3.9347			* 331E	-.3837		
* 115B	-1.7976			* 216B	-2.8773			* 314E	-3.4989		
* 116B	-1.3862			* 217B	-3.8456			* 315E	-2.8858		
* 117B	-2.7659			* 218B	-3.5799			* 316E	-2.8430		
* 118B	-3.4086			* 219B	-3.0829			* 317E	-2.8173		
* 119B	-3.2543			* 220B	-3.5685			* 318E	-2.4317		
* 120B	-2.8601			* 222B	-1.6215			* 319E	-2.7059		
* 121B	-1.9419			* 223B	-1.4501			* 320E	-1.6176		
* 122B	-1.4535			* 224B	-1.3325			* 321E	-1.2048		
* 123B	-1.2384			* 225B	-1.2227			* 322E	-1.0256		
* 124B	-1.1185			* 226B	-1.2955			* 323E	-.8992		
* 125B	-1.0255			* 227B	-1.2014			* 324E	-.7077		
* 126B	-.9538			* 228B	-1.2238			* 325E	-.6022		
* 127B	-.9336			* 229B	-1.2843			* 326E	-.4942		

TABLE 23B .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = 12.364 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.0501	128B	-.8664	214A	.1141	255C	.5697	313A	-.2699	327E	-.5695
113A	-.1577	129B	-.9580	213A	-.2442	254C	.7064	312A	-.3090	328E	-.5304
112A	-.2480	157C	.3536	212A	-.2785	253C	.7474	311A	-.2687	329E	-.5255
111A	-.1495	156C	.5040	211A	-.2014	252C	.8103	310A	.0653	330E	-.4815
110A	.0738	155C	.6845	210A	.2617	251C	.8732	309A	.2617		
109A	.3556	154C	.7666	209A	.5263	243C	-.6144	308A	.6032		
108A	.6544	153C	.8568	208A	.7398	244C	-1.5362	301A	.7739		
101A	.5605	152C	.0255	201A	.4410	245C	-2.0374	302A	-.0030		
102A	-.2592	144C	-.7867	202A	-1.4204	246C	-1.9102	303A	-1.1813		
103A	-.9849	145C	-1.7885	203A	-1.9583	247C	-1.4413	304A	-1.2667		
104A	-1.4118	146C	-2.1323	204A	-1.7705	248C	-.9524	305A	-1.1899		
105A	-1.4375	147C	-1.6177	206A	-1.6062	249C	-.6443	307A	-1.6765		
106A	-1.5228	148C	-1.1254	207A	-2.0693	250C	-.4981	345E	.1080		
107A	-1.6253	149C	-.7503	242B	.6982	264C	.2142	344E	.1838		
142B	.5286	150C	-.5115	241B	.6599	263D	.6326	343E	.1948		
141B	.5751	151C	-.4032	240B	.4904	262D	.7201	342E	.1948		
140B	.5560	166D	.2005	239B	.5040	261D	.8240	341E	.1496		
139B	.5560	165D	.6080	238B	.4876	256D	.3302	340E	.1129		
138B	.5396	164C	.7228	237B	.4566	257D	-.6778	339E	.0884		
137B	.4603	159D	-.1007	236B	.4651	258D	-.7102	338E	.0713		
136B	.3919	160D	-.6979	235B	.5275	259D	-.4947	337E	.0713		
135B	.4111	161D	-.0493	234B	.6217	260D	-.1888	336E	.2617		
134B	.5013	162D	-.1420	233B	.7244			335E	.4199		
133B	.6791			232B	.7794			334E	.5666		
132B	.7119			231B	.4981			333E	.7256		
131B	.2251			230B	-1.3829			332E	.5911		
130B	-1.3172			215B	-3.7851			331E	-.2516		
115B	-1.8423			216B	-3.7001			314E	-3.6173		
116B	-1.8644			217B	-4.9381			315E	-3.4013		
117B	-3.7343			218B	-4.5454			316E	-3.6830		
118B	-4.3234			219B	-3.7599			317E	-3.5806		
119B	-4.0587			220B	-4.2722			318E	-3.0085		
120B	-3.3415			222B	-1.8711			319E	-3.1451		
121B	-2.2295			223B	-1.6266			320E	-1.8217		
122B	-1.6199			224B	-1.4349			321E	-1.3584		
123B	-1.3375			225B	-1.3219			322E	-1.1260		
124B	-1.1768			226B	-1.3520			323E	-.9609		
125B	-1.0283			227B	-1.2181			324E	-.7738		
126B	-.9111			228B	-1.2013			325E	-.6980		
127B	-.8731			229B	-1.2025			326E	-.6466		

TABLE 239 .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = 14.412 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.0875	128B	-.6490	* 214A	.2809	255C	.5773	* 313A	-.1376	327E	-.7691
* 113A	-.1041	129B	-.7015	* 213A	-.1719	254C	.7059	* 312A	-.2147	328E	-.6957
* 112A	-.1889	157C	.2708	* 212A	-.2282	253C	.7442	* 311A	-.1572	329E	-.6333
* 111A	-.0986	156C	.4322	* 211A	-.1132	252C	.8099	* 310A	.1840	330E	-.5623
* 110A	.0985	155C	.6457	* 210A	.3805	251C	.8673	* 309A	.4061		
* 109A	.3976	154C	.7305	* 209A	.6709	243C	-.5747	* 308A	.6850		
* 108A	.6453	153C	.8290	* 208A	.6956	244C	-1.4566	* 301A	.7051		
* 101A	.4659	152C	.0191	* 201A	.2609	245C	-1.9492	* 302A	-.6362		
* 102A	-.4141	144C	-.4844	* 202A	-2.0715	246C	-1.8297	* 303A	-1.7640		
* 103A	-1.0549	145C	-1.3628	* 203A	-2.4369	247C	-1.3728	* 304A	-1.7554		
* 104A	-1.4906	146C	-1.6677	* 204A	-2.1741	248C	-.8936	* 305A	-1.5539		
* 105A	-1.4479	147C	-1.1997	* 206A	-1.8750	249C	-.6110	* 307A	-1.9173		
* 106A	-1.4991	148C	-.8210	* 207A	-2.2851	250C	-.4736	* 345E	.0912		
* 107A	-1.5760	149C	-.6278	* 242B	.6895	254D	.2106	* 344E	.1659		
* 142B	.5390	150C	-.5340	* 241B	.6566	253D	.6265	* 343E	.1818		
* 141B	.5718	151C	-.5083	* 240B	.4924	262D	.7196	* 342E	.1818		
* 140B	.5636	166D	-.0056	* 239B	.5061	261D	.8181	* 341E	.1353		
* 139B	.5609	165D	.5390	* 238B	.4924	256D	.3317	* 340E	.0985		
* 138B	.5444	164D	.6752	* 237B	.4681	257D	-.6736	* 339E	.0912		
* 137B	.4897	159D	-.1151	* 236B	.4926	258D	-.7082	* 338E	.0802		
* 136B	.3939	160D	-.9026	* 235B	.5526	259D	-.4926	* 337E	.0802		
* 135B	.4240	161D	-.0693	* 234B	.6395	260D	-.1855	* 336E	.3029		
* 134B	.5143	162D	-.3955	* 233B	.7349			* 335E	.4461		
* 133B	.6813			* 232B	.7741			* 334E	.5893		
* 132B	.7086			* 231B	.4902			* 333E	.7251		
* 131B	.2735			* 230B	-1.3198			* 332E	.5917		
* 130B	-1.1630			* 215B	-3.7919			* 331E	-.2037		
* 115B	-1.6930			* 216B	-4.0109			* 314E	-3.5924		
* 116B	-1.7811			* 217B	-5.3266			* 315E	-3.6607		
* 117B	-3.4385			* 218B	-4.9080			* 316E	-4.0195		
* 118B	-3.9682			* 219B	-4.1562			* 317E	-3.8144		
* 119B	-3.5923			* 220B	-4.5236			* 318E	-3.2762		
* 120B	-2.9174			* 222B	-1.9146			* 319E	-3.2335		
* 121B	-1.9168			* 223B	-1.6599			* 320E	-1.8665		
* 122B	-1.3952			* 224B	-1.4979			* 321E	-1.2672		
* 123B	-1.1304			* 225B	-1.3248			* 322E	-1.0971		
* 124B	-.9841			* 226B	-1.3393			* 323E	-1.0383		
* 125B	-.8411			* 227B	-1.1963			* 324E	-.9637		
* 126B	-.7160			* 228B	-1.1651			* 325E	-.9135		
* 127B	-.6658			* 229B	-1.1595			* 326E	-.8511		

TABLE 240 .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = 16.455 DEGREES AND QINF = 2.87 KN/SQM ( 60.03 LB/SOFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.2280	128B	-.6539	* 214A	.4982	255C	.5720	* 313A	-.0137	327E	-.8789
* 113A	-.0444	129B	-.6998	* 213A	-.0863	254C	.7068	* 312A	-.1233	328E	-.7755
* 112A	-.1765	157C	.2639	* 212A	-.1762	253C	.7481	* 311A	-.0814	329E	-.6881
* 111A	-.0416	156C	.4316	* 211A	-.0482	252C	.8031	* 310A	.3339	330E	-.6167
* 110A	.2651	155C	.6463	* 210A	.4627	251C	.8664	* 309A	.5315		
* 109A	.5229	154C	.7343	* 209A	.7033	243C	-.4489	* 308A	.7291		
* 108A	.6775	153C	.8279	* 208A	.4541	244C	-1.2840	* 301A	.5658		
* 101A	.2909	152C	.0216	* 201A	-.2074	245C	-1.7198	* 302A	-1.4187		
* 102A	-.7658	144C	-.4709	* 202A	-3.1112	246C	-1.6199	* 303A	-2.5700		
* 103A	-1.4789	145C	-1.3716	* 203A	-3.2830	247C	-1.0965	* 304A	-2.2177		
* 104A	-1.7882	146C	-1.6592	* 204A	-2.8277	248C	-.7471	* 305A	-1.9170		
* 105A	-1.6679	147C	-1.1886	* 206A	-2.1232	249C	-.5281	* 307A	-2.1318		
* 106A	-1.7108	148C	-.8134	* 207A	-2.5700	250C	-.4416	* 345E	.0847		
* 107A	-1.7023	149C	-.6449	* 242B	.7068	264D	.1840	* 344E	.1647		
* 142B	.5362	150C	-.5573	* 241B	.6793	263D	.6187	* 343E	.1807		
* 141B	.5637	151C	-.5427	* 240B	.5169	262D	.7150	* 342E	.1819		
* 140B	.5527	165D	-.0306	* 239B	.5142	261D	.8169	* 341E	.1425		
* 139B	.5445	165D	.5334	* 238B	.5059	256D	.3401	* 340E	.1044		
* 138B	.5279	164D	.6793	* 237B	.4797	257D	-.6640	* 339E	.1056		
* 137B	.4812	159D	-.1159	* 236B	.5043	258D	-.7179	* 338E	.1019		
* 136B	.3959	160D	-.9246	* 235B	.5663	259D	-.5079	* 337E	.0859		
* 135B	.4316	161D	-.0608	* 234B	.6582	260D	-.2159	* 336E	.3284		
* 134B	.5279	162D	-.4180	* 233B	.7492			* 335E	.4760		
* 133B	.6710			* 232B	.7615			* 334E	.6077		
* 132B	.6930			* 231B	.4810			* 333E	.7160		
* 101B	.3188			* 230B	-1.2739			* 332E	.5683		
* 130B	-1.0597			* 215B	-3.8581			* 331E	-.2008		
* 115B	-1.6431			* 216B	-4.3569			* 314E	-3.6292		
* 116B	-1.8483			* 217B	-5.7315			* 315E	-3.8415		
* 117B	-3.6439			* 218B	-5.1989			* 316E	-4.3226		
* 118B	-4.1164			* 219B	-4.5545			* 317E	-4.0820		
* 119B	-3.8157			* 220B	-4.7178			* 318E	-3.4119		
* 120B	-2.9995			* 222B	-1.9602			* 319E	-3.3088		
* 121B	-1.9097			* 223B	-1.6862			* 320E	-1.8913		
* 122B	-1.3638			* 224B	-1.5087			* 321E	-1.3366		
* 123B	-1.1167			* 225B	-1.3110			* 322E	-1.2283		
* 124B	-.9504			* 226B	-1.2627			* 323E	-1.2050		
* 125B	-.7966			* 227B	-1.1043			* 324E	-1.1200		
* 126B	-.6875			* 228B	-1.0279			* 325E	-1.0511		
* 127B	-.6472			* 229B	-.9909			* 326E	-.9933		
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TABLE 241 .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = 20.496 DEGREES AND QINF = 2.88 KN/SQM ( 60.25 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.4733	128B	-.7166	* 214A	.5824	255C	.5095	* 313A	.3385	327E	-1.0599
* 113A	.1012	129B	-.7826	* 213A	.1583	254C	.5602	* 312A	.0443	328E	-.9618
* 112A	-.1592	157C	.2382	* 212A	-.0635	253C	.7095	* 311A	.1044	329E	-.8920
* 111A	.0299	156C	.4273	* 211A	.0554	252C	.7753	* 310A	.4723	330E	-.8797
* 110A	.4380	155C	.6410	* 210A	.6519	251C	.8465	* 309A	.7118		
* 109A	.6605	154C	.7314	* 209A	.7974	243C	-.3208	* 306A	.6947		
* 108A	.6263	153C	.8246	* 208A	.1300	244C	-1.1059	* 301A	.1899		
* 101A	-.1010	152C	.0190	* 201A	-.9566	245C	-1.5030	* 302A	-2.7533		
* 102A	-1.5384	144C	-.5264	* 202A	-4.2250	246C	-1.3966	* 303A	-3.7031		
* 103A	-2.1630	145C	-1.4840	* 203A	-3.9940	247C	-1.0611	* 304A	-2.9758		
* 104A	-2.3598	146C	-1.7737	* 204A	-3.4806	248C	-.8050	* 305A	-2.5138		
* 105A	-2.1288	147C	-1.3329	* 206A	-2.3769	249C	-.7155	* 307A	-2.4197		
* 106A	-2.0261	148C	-.9537	* 207A	-2.7106	250C	-.6651	* 345E	-.0157		
* 107A	-1.9748	149C	-.7446	* 242B	.6849	264D	-.0194	* 344E	.1007		
* 142B	.5451	150C	-.6405	* 241B	.6465	263D	.5615	* 343E	.1240		
* 141B	.5780	151C	-.6271	* 240B	.4738	262D	.6684	* 342E	.1387		
* 140B	.5643	166D	-.0441	* 239B	.4821	261D	.7808	* 341E	.1093		
* 139B	.5670	165D	.5341	* 238B	.4711	256D	.2443	* 340E	.0836		
* 138B	.5478	164D	.6766	* 237B	.4819	257D	-.9526	* 339E	.1007		
* 137B	.5095	159D	-.1327	* 236B	.5186	258D	-1.0041	* 338E	.1191		
* 136B	.4410	160D	-1.0455	* 235B	.5946	259D	-.7613	* 337E	.0970		
* 135B	.4903	161D	-.0398	* 234B	.6865	260D	-.4873	* 336E	.3691		
* 134B	.5862	162D	-.4817	* 233B	.7613			* 335E	.5186		
* 133B	.7123			* 232B	.7637			* 334E	.6436		
* 132B	.6958			* 231B	.4966			* 333E	.7196		
* 131B	.3588			* 230B	-1.1187			* 332E	.5603		
* 130B	-.8552			* 215B	-3.7169			* 331E	-.1456		
* 115B	-1.5211			* 216B	-4.5244			* 314E	-3.4767		
* 116B	-2.0175			* 217B	-5.8421			* 315E	-4.0624		
* 117B	-3.9768			* 218B	-5.2260			* 316E	-4.6784		
* 118B	-4.3704			* 219B	-4.4218			* 317E	-4.3020		
* 119B	-4.0196			* 220B	-4.4817			* 318E	-3.4806		
* 120B	-3.0357			* 222B	-1.7110			* 319E	-3.1811		
* 121B	-1.8542			* 223B	-1.4247			* 320E	-1.8036		
* 122B	-1.3206			* 224B	-1.2121			* 321E	-1.2437		
* 123B	-1.0813			* 225B	-1.0220			* 322E	-1.0709		
* 124B	-.9291			* 226B	-.9504			* 323E	-1.0721		
* 125B	-.7669			* 227B	-.8463			* 324E	-1.0378		
* 126B	-.7289			* 228B	-.8117			* 325E	-1.0476		
* 127B	-.7009			* 229B	-.8564			* 326E	-1.0599		



TABLE 243 .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = 28.550 DEGREES AND QINF = 2.90 KN/SQM ( 60.58 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.5425	128B	-.8463	214A	.5835	255C	.4962	313A	.4348	327E	-.8925
113A	.6706	129B	-.8908	213A	.5433	254C	.6570	312A	.3324	328E	-.8608
112A	.0438	157C	.2073	212A	.3568	253C	.7087	311A	.3483	329E	-.8413
111A	.2155	156C	.4199	211A	.3934	252C	.7714	310A	.6345	330E	-.8279
110A	.7025	155C	.6597	210A	.7706	251C	.8314	309A	.6940		
109A	.6685	154C	.7523	209A	.6089	243C	-.3160	308A	.3792		
108A	-.0037	153C	.8423	208A	-1.0248	244C	-1.1011	301A	-.6504		
101A	-1.7395	152C	.0710	201A	-3.1435	245C	-1.5038	302A	-4.4624		
102A	-3.8582	144C	-.5776	202A	-6.2918	246C	-1.4315	303A	-4.8027		
103A	-4.1901	145C	-1.5605	203A	-5.4409	247C	-1.1122	304A	-3.6880		
104A	-3.9774	146C	-1.9388	204A	-3.4328	248C	-.8908	305A	-2.3522		
105A	-2.9137	147C	-1.4649	206A	-2.4968	249C	-.8196	307A	-2.1820		
106A	-2.7180	148C	-1.1122	207A	-2.6159	250C	-.8174	345E	.0192		
107A	-2.4883	149C	-.9387	242B	.6760	264D	-.0898	344E	.1289		
142B	.5725	150C	-.8886	241B	.7224	263D	.5452	343E	.1606		
141B	.6243	151C	-.9064	240B	.5289	262D	.6651	342E	.1740		
140B	.5861	166D	-.1497	239B	.5425	261D	.7850	341E	.1447		
139B	.5807	165D	.5234	238B	.5289	256D	.1949	340E	.1350		
138B	.5779	164D	.6815	237B	.5262	257D	-1.0933	339E	.1594		
137B	.5589	159D	-.3491	236B	.5774	258D	-1.2101	338E	.1813		
136B	.5371	160D	-1.4148	235B	.6420	259D	-.9209	337E	.1325		
135B	.6025	161D	-.0454	234B	.7188	260D	-.6583	336E	.4360		
134B	.6815	162D	-.7295	233B	.7675			335E	.5664		
133B	.7632			232B	.7273			334E	.6615		
132B	.7169			231B	.5177			333E	.7066		
131B	.4744			230B	-.7389			332E	.5762		
130B	-.4250			215B	-3.0047			331E	.0484		
115B	-1.3842			216B	-3.9859			314E	-2.6646		
116B	-2.3777			217B	-4.8963			315E	-3.1520		
117B	-4.7346			218B	-4.1901			316E	-3.5689		
118B	-5.0835			219B	-2.8372			317E	-3.0073		
119B	-4.4794			220B	-2.7521			318E	-2.0373		
120B	-3.2116			222B	-1.1078			319E	-1.5183		
121B	-1.8698			223B	-1.0344			320E	-1.1014		
122B	-1.1423			224B	-1.0143			321E	-1.0582		
123B	-.8408			225B	-.9365			322E	-.9705		
124B	-.7596			226B	-.9242			323E	-.9229		
125B	-.7418			227B	-.8497			324E	-.8864		
126B	-.7996			228B	-.8330			325E	-.8949		
127B	-.8107			229B	-.8541			326E	-.8973		



TABLE 244.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 37

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-R	D-B	A-C	E-C
-3.905	-.12091	.51339	.24845	.06260	-.12827	.30891	.27960	.09016	-.13956	.04777
.201	-.08499	1.03630	.28240	.06848	-.08842	1.08241	.37340	.11212	-.11152	.56363
4.284	-.04040	1.35436	.27405	.06739	-.06357	1.57745	.39868	.12053	-.10774	.96516
8.347	.02468	1.64084	.26351	.06548	.06445	1.92198	.40201	.12112	-.00937	1.23546
12.364	.12989	1.82245	.24196	.06419	.22167	2.19581	.37876	.11922	.12334	1.44603
14.412	.14060	1.62576	.21050	.07415	.28683	2.27078	.36715	.11839	.19562	1.57606
16.455	.18459	1.62854	.21217	.07512	.37415	2.31928	.33478	.11954	.27126	1.70076
20.496	.26284	1.67986	.22774	.08014	.46360	2.13336	.32829	.14260	.39914	1.71616
24.523	.36929	1.78778	.25880	.09120	.47837	1.73346	.33017	.15390	.38499	1.45397
28.550	.44866	1.76613	.25967	.09728	.55104	1.76847	.34112	.16083	.47241	1.39049

TABLE 245.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 37

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.905	-.01578	-.03567	-.02606	.00010	-.00474	-.01407	-.02664	-.00483	-.01392	-.02502
.201	-.00393	-.05624	-.02462	.00005	-.00041	-.06011	-.01462	-.00534	-.00967	-.07277
4.284	.01913	-.09914	-.02407	.00012	.01961	-.13412	-.01587	-.00521	-.00041	-.13506
8.347	.04678	-.15812	-.02341	.00015	.04468	-.18927	-.01761	-.00507	.03456	-.18365
12.364	.06232	-.20723	-.02144	.00033	.04778	-.23602	-.01831	-.00405	.05265	-.21464
14.412	.05820	-.19893	-.01361	.00006	.04343	-.25660	-.01745	-.00404	.05120	-.21864
16.455	.05798	-.20806	-.01310	.00002	.02850	-.28238	-.01479	-.00380	.04671	-.22613
20.496	.05315	-.21837	-.01336	-.00024	.00609	-.29463	-.00448	-.00518	.03415	-.22707
24.523	.03446	-.24167	-.01374	-.00093	-.01816	-.22729	-.00175	-.00533	.01882	-.16990
28.550	.00658	-.24794	-.01102	-.00170	-.07386	-.23152	-.00086	-.00578	-.00729	-.15147

TABLE 246.- PITCHING-MOMENT COEFFICIENT FOR RUN 37

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.905	.00756	-.29928	-.01645	-.00264	.00885	-.18197	-.02643	-.00432	.01033	-.05537
.201	.00440	-.47199	-.01832	-.00286	.00514	-.46611	-.03327	-.00515	.00738	-.24684
4.284	.00085	-.53907	-.01768	-.00284	.00301	-.57813	-.03491	-.00556	.00631	-.32060
8.347	-.00322	-.60579	-.01693	-.00280	-.00545	-.66646	-.03514	-.00565	-.00682	-.37904
12.364	-.00980	-.63202	-.01562	-.00278	-.01610	-.72957	-.03286	-.00576	-.00967	-.44529
14.412	-.01028	-.55600	-.01424	-.00335	-.02049	-.73792	-.03191	-.00570	-.01443	-.50611
16.455	-.01296	-.54755	-.01444	-.00340	-.02604	-.73257	-.02923	-.00580	-.01915	-.56250
20.496	-.01771	-.56378	-.01550	-.00366	-.03135	-.64059	-.02999	-.00704	-.02757	-.57529
24.523	-.02356	-.58976	-.01778	-.00420	-.03150	-.56277	-.03051	-.00774	-.02522	-.51457
28.550	-.02744	-.58566	-.01815	-.00455	-.03477	-.58008	-.03168	-.00808	-.02986	-.50681

TABLE 247.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 37 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.89 (60.39)	-5.97	.0694	.1584	-.2601	.0022	.0026	-.0151
.203	2.89 (60.26)	-3.90	.4613	.1347	-.3292	.0025	.0018	-.0068
.203	2.88 (60.23)	-1.81	.8717	.1249	-.4266	.0054	.0014	-.0053
.203	2.88 (60.14)	.20	1.2285	.1368	-.4744	.0023	.0024	-.0036
.204	2.90 (60.46)	2.28	1.4717	.1525	-.4643	.0000	.0018	-.0033
.203	2.89 (60.28)	4.28	1.6860	.1726	-.4447	.0009	.0030	-.0058
.203	2.89 (60.28)	6.29	1.8705	.1984	-.4239	-.0012	.0024	-.0054
.203	2.88 (60.10)	8.35	2.0867	.2253	-.3840	-.0008	.0023	.0014
.203	2.87 (59.93)	10.37	2.2512	.2564	-.3513	-.0022	.0014	.0027
.203	2.89 (60.32)	12.36	2.4138	.2879	-.2997	-.0031	.0022	.0060
.203	2.88 (60.19)	13.40	2.4665	.3023	-.2870	-.0043	.0021	.0035
.203	2.89 (60.28)	14.41	2.4418	.3348	-.2839	-.0136	-.0003	.0234
.203	2.88 (60.10)	15.42	2.4915	.3501	-.2591	-.0144	.0008	.0178
.204	2.87 (59.95)	16.46	2.5224	.3766	-.2388	-.0139	.0004	.0241
.203	2.88 (60.08)	17.45	2.4715	.4137	-.2510	-.0074	.0024	.0089
.203	2.88 (60.20)	18.48	2.4741	.4453	-.2171	-.0133	.0003	.0076
.203	2.88 (60.20)	20.50	2.4641	.5207	-.1375	-.0343	-.0130	.0238
.203	2.89 (60.37)	22.47	2.4495	.5847	-.0566	-.0431	-.0173	.0204
.203	2.89 (60.33)	24.52	2.3343	.6645	.0420	-.0170	-.0053	.0077
.203	2.88 (60.25)	26.55	2.3132	.7332	.0820	-.0102	-.0007	.0025
.204	2.90 (60.53)	28.55	2.3410	.8137	.1141	-.0099	-.0010	.0071

TABLE 248 .- TABULATED PRESSURE DATA FOR RUN 46 AT ALPHA = -3.900 DEGREES AND QINF = 2.89 KN/SQM ( 60.36 LB/SQFT )

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WING STATION A				WING STATION B				WING STATION C					
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.5331	128B	-.7779	* 214A	-.4650	255C	.5200	* 313A	-.7109	327E	-.3194	*	*
* 113A	-.5084	129B	-1.0938	* 213A	-.4724	254C	.5474	* 312A	-.6950	328E	-.2240	*	*
* 112A	-.6315	157C	.3121	* 212A	-.4675	253C	.4845	* 311A	-.6913	329E	-.1139	*	*
* 111A	-.5331	156C	.4735	* 211A	-.4870	252C	.3969	* 310A	-.7210	330E	-.0295	*	*
* 110A	-.6014	155C	.5857	* 210A	-.4562	251C	.1152	* 309A	-.7039			*	*
* 109A	-.6270	154C	.6212	* 209A	-.4477	243C	-1.7776	* 308A	-.6868			*	*
* 108A	-.6185	153C	.6185	* 208A	-.4391	244C	-1.3227	* 301A	-.7039			*	*
* 101A	-.5245	152C	-.0626	* 201A	-.3367	245C	-1.6287	* 302A	-.3025			*	*
* 102A	.3295	144C	-1.5342	* 202A	.5174	246C	-1.4869	* 303A	.6369			*	*
* 103A	.7907	145C	-2.0005	* 203A	.7821	247C	-1.2111	* 304A	.7821			*	*
* 104A	.7907	146C	-2.2584	* 204A	.6967	248C	-.9186	* 305A	.6711			*	*
* 105A	.6028	147C	-1.7828	* 206A	.3551	249C	-.6126	* 307A	.0989			*	*
* 106A	.4063	149C	-1.3696	* 207A	-.0377	250C	-.4686	* 345E	.1393			*	*
* 107A	.0306	149C	-.9800	* 242B	.2383	264D	.2301	* 344E	.0965			*	*
* 142B	.3641	150C	-.6841	* 241B	.2438	263D	.5693	* 343E	.0708			*	*
* 141B	.3969	151C	-.5568	* 240B	.1207	262D	.6294	* 342E	.0231			*	*
* 140B	.2766	163D	.2273	* 239B	-.0052	261D	.6130	* 341E	-.0295			*	*
* 139B	.2574	165D	.5693	* 238B	-.1966	256D	.0618	* 340E	-.1274			*	*
* 138B	.2164	164D	.6568	* 237B	-.3513	257D	-.6327	* 339E	-.2509			*	*
* 137B	1.1792	159D	1.1259	* 236B	-.5115	258D	-.4954	* 338E	-.3574			*	*
* 136B	-.0817	160D	-.7444	* 235B	-.5396	259D	-.2665	* 337E	-.4993			*	*
* 135B	-.2814	161D	-.1459	* 234B	-.5176	260D	-.0666	* 336E	-.6828			*	*
* 134B	-.4702	162D	-.1202	* 233B	-.4944			* 335E	-.8234			*	*
* 133B	-.5057			* 232B	-.4919			* 334E	-.7745			*	*
* 132B	-.5604			* 231B	-.5029			* 333E	-.7488			*	*
* 131B	-.5632			* 230B	-.5017			* 332E	-.7354			*	*
* 130B	-.5522			* 215B	-.4809			* 331E	-.7684			*	*
* 115B	-.6644			* 216B	-.4904			* 314E	-.7843			*	*
* 116B	-.6953			* 217B	-.4904			* 315E	-.8661			*	*
* 117B	.3551			* 218B	-.5245			* 316E	-.3708			*	*
* 118B	-.6270			* 219B	-.6953			* 317E	.0306			*	*
* 119B	-1.0113			* 220B	-.7807			* 318E	-.4733			*	*
* 120B	-.9430			* 222B	-.5635			* 319E	-.3196			*	*
* 121B	-.6908			* 223B	-.5680			* 320E	-.3879			*	*
* 122B	-.6115			* 224B	-.5780			* 321E	-.3696			*	*
* 123B	-.5825			* 225B	-.5869			* 322E	-.3733			*	*
* 124B	-.6171			* 226B	-.7522			* 323E	-.3720			*	*
* 125B	-.6271			* 227B	-.7589			* 324E	-.3647			*	*
* 126B	-.6807			* 228B	-.8404			* 325E	-.4039			*	*
* 127B	-.6852			* 229B	-1.0068			* 326E	-.3880			*	*
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TABLE 249 .- TABULATED PRESSURE DATA FOR RUN 46 AT ALPHA = .204 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT .)

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.2589	128B	-.9312	* 214A	-.3274	255C	.5068	* 313A	-.4546	327E	-.3506
* 113A	-.3136	129B	-1.1846	* 213A	-.3164	254C	.6435	* 312A	-.4705	328E	-.2320
* 112A	-.3902	157C	.2825	* 212A	-.3506	253C	.6763	* 311A	-.4509	329E	-.1708
* 111A	-.3847	156C	.4466	* 211A	-.3335	252C	.7037	* 310A	-.5922	330E	-.1207
* 110A	-.4983	155C	.6490	* 210A	-.4214	251C	.7720	* 309A	-.5751		
* 109A	-.4897	154C	.7419	* 209A	-.4214	243C	-.7239	* 308A	-.5495		
* 108A	-.6861	153C	.8431	* 208A	-.5239	244C	-1.5027	* 301A	-.6946		
* 101A	-.1226	152C	-.0812	* 201A	-.3360	245C	-1.9638	* 302A	.3214		
* 102A	.6032	144C	-1.0985	* 202A	.7654	246C	-1.8678	* 303A	.7910		
* 103A	.7056	145C	-2.1625	* 203A	.6288	247C	-1.4871	* 304A	.6032		
* 104A	.5093	146C	-2.5342	* 204A	.4666	248C	-1.0763	* 305A	.4324		
* 105A	.2787	147C	-1.9995	* 206A	.0311	249C	-.7827	* 307A	-.1653		
* 106A	.0140	148C	-1.4726	* 207A	-.3873	250C	-.6253	* 345E	.2058		
* 107A	-.2763	149C	-1.0439	* 242B	.5478	264D	.1786	* 344E	.2340		
* 142B	.4740	150C	-.7314	* 241B	.4931	263D	.5751	* 343E	.2352		
* 141B	.5040	151C	-.5941	* 240B	.3673	262D	.6654	* 342E	.2266		
* 140B	.4876	165D	.1759	* 239B	.3509	261D	.7529	* 341E	.1704		
* 139B	.4849	165D	.5915	* 238B	.3345	256D	.2778	* 340E	.1043		
* 138B	.4521	164D	.7064	* 237B	.2646	257D	-.8039	* 339E	.0432		
* 137B	1.0072	159D	1.1172	* 236B	.2650	258D	-.7816	* 338E	-.0693		
* 136B	.2037	160D	-.8877	* 235B	.3171	259D	-.4947	* 337E	.0848		
* 135B	.2224	161D	-.1453	* 234B	.3844	260D	-.1643	* 336E	.1777		
* 134B	.3728	162D	-.1743	* 233B	.0469			* 335E	.2829		
* 133B	-.3027			* 232B	-.4705			* 334E	-.2271		
* 132B	-.5105			* 231B	-.5426			* 333E	-.6393		
* 131B	-.4886			* 230B	-.8985			* 332E	-.7506		
* 130B	-.5871			* 215B	-.9450			* 331E	-.9083		
* 115B	-.5570			* 216B	-.9764			* 314E	-.9426		
* 116B	-.5495			* 217B	-1.3008			* 315E	-.8654		
* 117B	-.8654			* 218B	-1.4631			* 316E	-.9337		
* 118B	-1.3862			* 219B	-1.4887			* 317E	-1.0532		
* 119B	-1.6936			* 220B	-1.7107			* 318E	-1.0703		
* 120B	-1.5570			* 222B	-1.0171			* 319E	-1.1898		
* 121B	-1.1512			* 223B	-.9435			* 320E	-.8995		
* 122B	-.9557			* 224B	-.9167			* 321E	-.7628		
* 123B	-.8754			* 225B	-.8988			* 322E	-.6796		
* 124B	-.8463			* 226B	-1.0037			* 323E	-.6075		
* 125B	-.8374			* 227B	-.9792			* 324E	-.5390		
* 126B	-.8441			* 228B	-1.0495			* 325E	-.5047		
* 127B	-.8642			* 229B	-1.1678			* 326E	-.4460		

TABLE 250 .- TABULATED PRESSURE DATA FOR RUN 46 AT ALPHA = 6.246 DEGREES AND QINF = 2.89 KN/SQM ( 60.39 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1819	1288	-.9583	* 214A	-.4577	255C	.5371	* 313A	-.5702	327E	-.3904
* 113A	-.3186	1298	-1.1257	* 213A	-.5200	254C	.6874	* 312A	-.5763	328E	-.3036
* 112A	-.3978	157C	.3184	* 212A	-.5261	253C	.7284	* 311A	-.5310	329E	-.2755
* 111A	-.3568	156C	.4715	* 211A	-.4821	252C	.7968	* 310A	-.4379	330E	-.2535
* 110A	-.3611	155C	.6710	* 210A	-.3782	251C	.8760	* 309A	-.4465		
* 109A	-.3184	154C	.7530	* 209A	-.3355	243C	-.6466	* 308A	-.3099		
* 108A	.0230	153C	.8514	* 208A	.2876	244C	-1.6335	* 301A	.1595		
* 101A	.5607	152C	-.0206	* 201A	.4071	245C	-2.1591	* 302A	.7485		
* 102A	.5778	144C	-.9528	* 202A	.3729	246C	-2.0385	* 303A	.2876		
* 103A	.2364	145C	-2.0441	* 203A	-.1563	247C	-1.6335	* 304A	-.1136		
* 104A	-.2245	146C	-2.4258	* 204A	-.3782	248C	-1.0978	* 305A	-.2928		
* 105A	-.4721	147C	-1.8756	* 206A	-.6940	249C	-.7698	* 307A	-.9330		
* 106A	-.6513	148C	-1.3489	* 207A	-1.0866	250C	-.5990	* 345E	.2037		
* 107A	-.8732	149C	-.9260	* 242B	.6738	264D	.2008	* 344E	.2612		
* 142B	.5097	150C	-.6481	* 241B	.5589	263D	.6191	* 343E	.2624		
* 141B	.5425	151C	-.5187	* 240B	.4359	262D	.7175	* 342E	.2539		
* 140B	.5289	166D	.1954	* 239B	.4359	261D	.8186	* 341E	.1964		
* 139B	.5234	165D	.5999	* 238B	.4031	256D	.3093	* 340E	.1328		
* 139B	.5043	164D	.7148	* 237B	.3346	257D	-.7887	* 339E	.0815		
* 137B	.8241	159D	1.1340	* 236B	.3468	258D	-.7932	* 338E	-.0200		
* 136B	.2883	160D	-.7977	* 235B	.3920	259D	-.5589	* 337E	.1206		
* 135B	.2910	161D	-.0768	* 234B	.4959	260D	-.1705	* 336E	.2184		
* 134B	.3703	162D	-.1549	* 233B	.6304			* 335E	.3492		
* 133B	.6327			* 232B	.7845			* 334E	.5057		
* 132B	.5835			* 231B	.4886			* 333E	.7453		
* 131B	-.3623			* 230B	-1.6693			* 332E	.5901		
* 130B	-1.5569			* 215B	-3.8699			* 331E	-.5445		
* 115B	-1.4558			* 216B	-2.4095			* 314E	-3.4273		
* 116B	-1.1634			* 217B	-3.2204			* 315E	-2.5461		
* 117B	-2.2901			* 218B	-3.1350			* 316E	-2.4693		
* 118B	-2.8278			* 219B	-2.7168			* 317E	-2.4864		
* 119B	-2.9643			* 220B	-3.1606			* 318E	-2.2132		
* 120B	-2.5034			* 222B	-1.4839			* 319E	-2.4864		
* 121B	-1.7372			* 223B	-1.3255			* 320E	-1.5390		
* 122B	-1.3389			* 224B	-1.2396			* 321E	-1.1411		
* 123B	-1.1637			* 225B	-1.1547			* 322E	-.9981		
* 124B	-1.0632			* 226B	-1.2373			* 323E	-.8941		
* 125B	-.9952			* 227B	-1.1693			* 324E	-.7279		
* 126B	-.9438			* 228B	-1.2105			* 325E	-.6386		
* 127B	-.9293			* 229B	-1.2842			* 326E	-.5237		

TABLE 251 .- TABULATED PRESSURE DATA FOR RUN 46 AT ALPHA = 8.271 DEGREES AND QINF = 2.89 KN/SQM ( 60.39 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.2039	129R	-.9541	* 214A	-.3319	255C	.5343	* 313A	-.4738	327E	-.4187
* 113A	-.2887	129R	-1.0981	* 213A	-.4395	254C	.6737	* 312A	-.4652	328E	-.3466
* 112A	-.3707	157C	.3292	* 212A	-.4469	253C	.7229	* 311A	-.4310	329E	-.3160
* 111A	-.3051	156C	.4851	* 211A	-.3980	252C	.7940	* 310A	-.2759	330E	-.2879
* 110A	-.2503	155C	.6819	* 210A	-.1308	251C	.8624	* 309A	-.1991		
* 109A	-.0881	154C	.7694	* 209A	.0399	243C	-.6742	* 308A	.0741		
* 103A	.3216	153C	.8651	* 208A	.6119	244C	-1.6282	* 301A	.4838		
* 101A	.6716	152C	.0066	* 201A	.4582	245C	-2.1550	* 302A	.5692		
* 102A	.4241	144C	-.9093	* 202A	-.1479	246C	-2.0256	* 303A	-.1735		
* 103A	-.0796	145C	-2.0066	* 203A	-.6601	247C	-1.6037	* 304A	-.6174		
* 104A	-.5149	146C	-2.3648	* 204A	-.7796	248C	-1.0736	* 305A	-.6686		
* 105A	-.7369	147C	-1.8280	* 206A	-.9759	249C	-.7521	* 307A	-1.2661		
* 106A	-.8820	148C	-1.3046	* 207A	-1.4454	250C	-.5769	* 345E	.1938		
* 107A	-1.0698	149C	-.9006	* 242B	.6682	264D	.2007	* 344E	.2538		
* 142B	.5261	150C	-.6137	* 241B	.5807	263D	.6136	* 343E	.2574		
* 141B	.5534	151C	-.4888	* 240B	.4468	262D	.7038	* 342E	.2501		
* 140B	.5425	166D	.1980	* 239B	.4495	261D	.8049	* 341E	.1975		
* 139B	.5425	165D	.6054	* 238B	.4249	256D	.3204	* 340E	.1437		
* 138B	.5179	164D	.7202	* 237B	.3773	257D	-.7700	* 339E	.1058		
* 137B	.5682	159D	1.1195	* 236B	.3821	258D	-.7678	* 338E	.0276		
* 136B	.3238	160D	-.7655	* 235B	.4347	259D	-.5401	* 337E	.1718		
* 135B	.3347	161D	-.0680	* 234B	.5338	260D	-.1595	* 336E	.2623		
* 134B	.4167	162D	-.1461	* 233B	.6609			* 335E	.4078		
* 133B	.6382			* 232B	.7746			* 334E	.5521		
* 132B	.6983			* 231B	.4934			* 333E	.7490		
* 131B	-.0535			* 230B	-1.5657			* 332E	.6084		
* 130B	-1.5655			* 215B	-3.9390			* 331E	-.3393		
* 115B	-1.8033			* 216B	-2.8624			* 314E	-3.5722		
* 116B	-1.3942			* 217B	-3.8697			* 315E	-2.9649		
* 117B	-2.8112			* 218B	-3.6734			* 316E	-3.0161		
* 118B	-3.3831			* 219B	-3.0844			* 317E	-2.9563		
* 119B	-3.2636			* 220B	-3.6136			* 318E	-2.5637		
* 120B	-2.8283			* 222B	-1.6349			* 319E	-2.7941		
* 121B	-1.9285			* 223B	-1.4452			* 320E	-1.6930		
* 122B	-1.4441			* 224B	-1.3537			* 321E	-1.2857		
* 123B	-1.2488			* 225B	-1.2354			* 322E	-1.0974		
* 124B	-1.1137			* 226B	-1.3113			* 323E	-.9555		
* 125B	-1.0300			* 227B	-1.2153			* 324E	-.7660		
* 126B	-.9564			* 228B	-1.2287			* 325E	-.6670		
* 127B	-.9385			* 229B	-1.2867			* 326E	-.5325		



TABLE 252.- TABULATED PRESSURE DATA FOR RUN 46 AT ALPHA = 12.419 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

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WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.0472	128B	-.8510	* 214A	.1311	255C	.5586	* 313A	-.1918	327E	-.8669
* 113A	-.1798	129B	-.9537	* 213A	-.2419	254C	.6899	* 312A	-.2236	328E	-.7898
* 112A	-.2919	157C	.3535	* 212A	-.2762	253C	.7281	* 311A	-.2064	329E	-.7482
* 111A	-.1716	156C	.5039	* 211A	-.1979	252C	.7938	* 310A	.0822	330E	-.6100
* 110A	.0551	155C	.6953	* 210A	.2615	251C	.8594	* 309A	.2871		
* 109A	.3640	154C	.7719	* 209A	.5518	243C	-.5626	* 308A	.6116		
* 108A	.6457	153C	.8649	* 208A	.7482	244C	-1.4538	* 301A	.7397		
* 101A	.5604	152C	.0335	* 201A	.5177	245C	-1.9449	* 302A	-.1996		
* 102A	-.2422	144C	-.7513	* 202A	-1.4803	246C	-1.8210	* 303A	-1.2498		
* 103A	-.9338	145C	-1.7641	* 203A	-1.9158	247C	-1.3868	* 304A	-1.3864		
* 104A	-1.3778	146C	-2.0945	* 204A	-1.7706	248C	-.8900	* 305A	-1.2668		
* 105A	-1.4376	147C	-1.5967	* 206A	-1.7194	249C	-.6210	* 307A	-1.6596		
* 106A	-1.4888	148C	-1.0932	* 207A	-2.1292	250C	-.4826	* 345E	.0810		
* 107A	-1.6169	149C	-.7427	* 242B	.6953	264D	.1976	* 344E	.1715		
* 142B	.5367	150C	-.4949	* 241B	.6570	263D	.6133	* 343E	.1910		
* 141B	.5750	151C	-.4078	* 240B	.4930	262D	.7117	* 342E	.1947		
* 140B	.5668	166D	.1976	* 239B	.4957	261D	.8075	* 341E	.1592		
* 139B	.5641	165D	.6051	* 238B	.4848	256D	.3413	* 340E	.1225		
* 138B	.5449	164D	.7199	* 237B	.4381	257D	-.6768	* 339E	.1115		
* 137B	.5969	159D	1.1070	* 236B	.4589	258D	-.7103	* 338E	.0516		
* 136B	.3836	160D	-.6969	* 235B	.5200	259D	-.4971	* 337E	.2192		
* 135B	.4164	161D	-.0416	* 234B	.6154	260D	-.1778	* 336E	.3207		
* 134B	.5066	162D	-.1365	* 233B	.7162			* 335E	.4662		
* 133B	.6735			* 232B	.7756			* 334E	.6020		
* 132B	.7063			* 231B	.4943			* 333E	.7451		
* 131B	.2250			* 230B	-1.3781			* 332E	.6118		
* 130B	-1.3338			* 215B	-3.7459			* 331E	-.1808		
* 115B	-1.8506			* 216B	-3.8198			* 314E	-3.4866		
* 116B	-1.8560			* 217B	-5.0578			* 315E	-3.3758		
* 117B	-3.7003			* 218B	-4.6565			* 316E	-3.5893		
* 118B	-4.3748			* 219B	-3.8369			* 317E	-3.4185		
* 119B	-4.0674			* 220B	-4.3150			* 318E	-2.8294		
* 120B	-3.4014			* 222B	-1.8389			* 319E	-2.8977		
* 121B	-2.2173			* 223B	-1.6145			* 320E	-1.6084		
* 122B	-1.6067			* 224B	-1.4593			* 321E	-1.1249		
* 123B	-1.3332			* 225B	-1.2975			* 322E	-.9965		
* 124B	-1.1669			* 226B	-1.3165			* 323E	-.9831		
* 125B	-1.0218			* 227B	-1.1847			* 324E	-.9170		
* 126B	-.9057			* 228B	-1.1602			* 325E	-.8999		
* 127B	-.8610			* 229B	-1.1434			* 326E	-.8608		
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TABLE 253.- TABULATED PRESSURE DATA FOR RUN 46 AT ALPHA = 16.465 DEGREES AND QINF = 2.89 KN/SQM ( 60.45 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.2116	128B	-.6609	214A	.4943	255C	.5557	313A	.0887	327E	-.8994
113A	-.0452	129B	-.6988	213A	-.0749	254C	.6922	312A	-.0432	328E	-.8274
112A	-.1790	157C	.2826	212A	-.1690	253C	.7414	311A	.0020	329E	-.8078
111A	-.0588	156C	.4492	211A	-.0383	252C	.8124	310A	.3299	330E	-.7724
110A	.2276	155C	.6513	210A	.5005	251C	.8780	309A	.5772		
109A	.5346	154C	.7414	209A	.7137	243C	-.3401	308A	.7478		
108A	.7307	153C	.8397	208A	.5005	244C	-1.1303	301A	.5346		
101A	.3982	152C	.0231	201A	-.2499	245C	-1.6230	302A	-1.6399		
102A	-.6933	144C	-.4439	202A	-2.9701	246C	-1.4525	303A	-2.7143		
103A	-1.3840	145C	-1.3622	203A	-3.0724	247C	-1.0388	304A	-2.2027		
104A	-1.7934	146C	-1.6453	204A	-2.6631	248C	-.6765	305A	-1.9895		
105A	-1.6569	147C	-1.2050	206A	-2.0662	249C	-.5026	307A	-2.0662		
106A	-1.6740	148C	-.8192	207A	-2.4926	250C	-.4357	345E	.0619		
107A	-1.7166	149C	-.6308	242B	.7114	264D	.1488	344E	.1596		
142B	.5338	150C	-.5528	241B	.6841	263D	.6103	343E	.1987		
141B	.5584	151C	-.5483	240B	.5147	262D	.7059	342E	.1987		
140B	.5584	166D	-.0260	239B	.5175	261D	.8042	341E	.1547		
139B	.5557	165D	.5420	238B	.5065	256D	.3447	340E	.1242		
138B	.5338	164D	.6895	237B	.4674	257D	-.6642	339E	.1180		
137B	.5693	159D	.9657	236B	.4979	258D	-.7222	338E	.1022		
136B	.4055	160D	-.9262	235B	.5700	259D	-.5149	337E	.2695		
135B	.4355	161D	-.1124	234B	.6555	260D	-.2406	336E	.3782		
134B	.5284	162D	-.4011	233B	.7410			335E	.5223		
133B	.6841			232B	.7561			334E	.6445		
132B	.7114			231B	.4772			333E	.7398		
131B	.3154			230B	-1.2622			332E	.5883		
130B	-1.0502			215B	-3.7820			331E	-.1433		
115B	-1.6128			216B	-4.2407			314E	-3.4461		
116B	-1.8275			217B	-5.6136			315E	-3.7120		
117B	-3.6182			218B	-5.1019			316E	-4.0872		
118B	-4.2151			219B	-4.4624			317E	-3.8229		
119B	-3.8058			220B	-4.6244			318E	-3.5073		
120B	-3.0213			222B	-1.8995			319E	-2.9872		
121B	-1.9430			223B	-1.6342			320E	-1.6740		
122B	-1.3778			224B	-1.4424			321E	-1.2280		
123B	-1.1247			225B	-1.2339			322E	-1.0094		
124B	-.9641			226B	-1.2228			323E	-.9678		
125B	-.8070			227B	-1.0199			324E	-.9104		
126B	-.7022			228B	-.9686			325E	-.9067		
127B	-.6475			229B	-.8973			326E	-.9153		

TABLE 254 .- TABULATED PRESSURE DATA FOR RUN 46 AT ALPHA = 20.502 DEGREES AND QINF = 2.90 KN/SQM ( 60.49 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.4731	128B	-.7331	* 214A	.5730	255C	.4977	* 313A	.2983	327E	-.9344
* 113A	.0938	129B	-.7810	* 213A	.0982	254C	.6533	* 312A	.1397	328E	-.8942
* 112A	-.1819	157C	.2712	* 212A	-.0117	253C	.7079	* 311A	.2129	329E	-.8539
* 111A	.0119	156C	.4377	* 211A	.0762	252C	.7734	* 310A	.5169	330E	-.8063
* 110A	.4572	155C	.6505	* 210A	.6703	251C	.8498	* 309A	.6958		
* 109A	.6618	154C	.7379	* 209A	.8060	243C	-.2746	* 308A	.7044		
* 108A	.6447	153C	.8334	* 208A	.2613	244C	-1.0751	* 301A	.2613		
* 101A	-.1137	152C	.0256	* 201A	-.8294	245C	-1.4829	* 302A	-2.3462		
* 102A	-1.5111	144C	-.5148	* 202A	-3.8033	246C	-1.3882	* 303A	-3.2239		
* 103A	-2.2013	145C	-1.4762	* 203A	-3.6073	247C	-1.0540	* 304A	-2.6444		
* 104A	-2.3973	146C	-1.7904	* 204A	-3.1557	248C	-.7977	* 305A	-2.1247		
* 105A	-2.0821	147C	-1.3191	* 206A	-2.0735	249C	-.7153	* 307A	-1.9457		
* 106A	-2.0224	148C	-.9381	* 207A	-2.3632	250C	-.6707	* 345E	.0676		
* 107A	-1.9798	149C	-.7353	* 242B	.7160	264D	-.0509	* 344E	.1763		
* 142B	.5577	150C	-.6507	* 241B	.6587	263D	.5523	* 343E	.1946		
* 141B	.5878	151C	-.6161	* 240B	.4922	262D	.6724	* 342E	.2105		
* 140B	.5769	166D	-.0263	* 239B	.4868	261D	.7925	* 341E	.1702		
* 139B	.5769	165D	.5441	* 238B	.4895	256D	.2484	* 340E	.1372		
* 138B	.5577	164D	.6860	* 237B	.4546	257D	-.9637	* 339E	.1445		
* 137B	.5932	159D	.4534	* 236B	.5107	258D	-1.0517	* 338E	.1287		
* 136B	.4513	160D	-1.0116	* 235B	.5742	259D	-.7721	* 337E	.2935		
* 135B	.4977	161D	-.0803	* 234B	.6743	260D	-.5437	* 336E	.4118		
* 134B	.5878	162D	-.4680	* 233B	.7573			* 335E	.5510		
* 133B	.7188			* 232B	.7585			* 334E	.6499		
* 132B	.7106			* 231B	.5022			* 333E	.7292		
* 131B	.3667			* 230B	-1.0504			* 332E	.6120		
* 130B	-.8505			* 215B	-3.5220			* 331E	.0091		
* 115B	-1.5383			* 216B	-4.0504			* 314E	-2.6567		
* 116B	-2.0139			* 217B	-5.3627			* 315E	-2.9001		
* 117B	-3.9993			* 218B	-4.7577			* 316E	-3.2580		
* 118B	-4.3998			* 219B	-3.7522			* 317E	-3.1046		
* 119B	-4.0334			* 220B	-3.6414			* 318E	-2.1332		
* 120B	-3.0194			* 222B	-1.3804			* 319E	-1.9542		
* 121B	-1.9508			* 223B	-1.1754			* 320E	-1.1959		
* 122B	-1.3525			* 224B	-1.0762			* 321E	-1.1956		
* 123B	-1.0963			* 225B	-.9504			* 322E	-1.1822		
* 124B	-.9348			* 226B	-.9102			* 323E	-1.1029		
* 125B	-.7933			* 227B	-.8178			* 324E	-1.0309		
* 126B	-.7086			* 228B	-.7955			* 325E	-1.0077		
* 127B	-.7064			* 229B	-.7977			* 326E	-.9552		

TABLE 255 .- TABULATED PRESSURE DATA FOR RUN 46 AT ALPHA = 24.488 DEGREES AND QINF = 2.90 KN/SQM ( 60.49 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5948	128B	-.8336	* 214A	.6060	255C	.4856	* 313A	.4326	327E	-.7893
* 113A	.4802	129B	-.8993	* 213A	.2935	254C	.6412	* 312A	.2398	328E	-.7759
* 112A	-.0794	157C	.2209	* 212A	.1677	253C	.6958	* 311A	.2837	329E	-.7612
* 111A	.0980	156C	.4119	* 211A	.2239	252C	.7640	* 310A	.6180	330E	-.7551
* 110A	.5924	155C	.6412	* 210A	.6862	251C	.8350	* 309A	.7373		
* 109A	.7117	154C	.7340	* 209A	.7288	243C	-.3059	* 308A	.5839		
* 108A	.3623	153C	.8322	* 208A	-.2342	244C	-1.0854	* 301A	-.2342		
* 101A	-.8734	152C	.0516	* 201A	-1.4955	245C	-1.4631	* 302A	-3.6089		
* 102A	-2.7056	144C	-.6089	* 202A	-4.6742	246C	-1.3962	* 303A	-4.0947		
* 103A	-3.2084	145C	-1.6514	* 203A	-4.1202	247C	-1.0653	* 304A	-3.3277		
* 104A	-3.2595	146C	-1.9979	* 204A	-3.5408	248C	-.8436	* 305A	-2.2198		
* 105A	-2.8079	147C	-1.5132	* 206A	-2.1517	249C	-.7801	* 307A	-2.2710		
* 106A	-2.3732	148C	-1.1199	* 207A	-2.3136	250C	-.7678	* 345E	.0896		
* 107A	-2.2625	149C	-.9394	* 242B	.6739	264D	-.0876	* 344E	.1848		
* 142B	.5511	150C	-.8302	* 241B	.6603	263D	.5511	* 343E	.2129		
* 141B	.5757	151C	-.7968	* 240B	.4911	262D	.6685	* 342E	.2276		
* 140B	.5648	166D	-.0985	* 239B	.4965	261D	.7749	* 341E	.1983		
* 139B	.5620	165D	.5156	* 238B	.5020	256D	.2093	* 340E	.1653		
* 138B	.5511	164D	.6794	* 237B	.4839	257D	-1.0330	* 339E	.1775		
* 137B	.5730	159D	.4500	* 236B	.5413	258D	-1.1355	* 338E	.1751		
* 136B	.4856	160D	-1.2558	* 235B	.6121	259D	-.8781	* 337E	.3386		
* 135B	.5457	161D	-.1250	* 234B	.6987	260D	-.6275	* 336E	.4497		
* 134B	.6330	162D	-.6085	* 233B	.7634			* 335E	.5779		
* 133B	.7340			* 232B	.7525			* 334E	.6743		
* 132B	.6958			* 231B	.5315			* 333E	.7195		
* 131B	.4092			* 230B	-.7917			* 332E	.5779		
* 130B	-.6635			* 215B	-3.0488			* 331E	.0078		
* 115B	-1.4277			* 216B	-3.6856			* 314E	-2.8327		
* 116B	-2.2369			* 217B	-4.6230			* 315E	-3.3874		
* 117B	-4.5293			* 218B	-4.0691			* 316E	-3.9754		
* 118B	-5.0065			* 219B	-2.8249			* 317E	-3.5322		
* 119B	-4.5293			* 220B	-2.7312			* 318E	-2.2710		
* 120B	-3.3533			* 222B	-1.1210			* 319E	-1.7767		
* 121B	-2.0213			* 223B	-.9962			* 320E	-1.1631		
* 122B	-1.3539			* 224B	-.9550			* 321E	-1.0542		
* 123B	-1.0174			* 225B	-.8781			* 322E	-1.0175		
* 124B	-.8514			* 226B	-.8547			* 323E	-.9406		
* 125B	-.7645			* 227B	-.8091			* 324E	-.8784		
* 126B	-.7623			* 228B	-.7924			* 325E	-.8528		
* 127B	-.8091			* 229B	-.8046			* 326E	-.8113		

TABLE 256.- TABULATED PRESSURE DATA FOR RUN 46 AT ALPHA = 28.524 DEGREES AND QINF = 2.90 KN/SQM ( 60.66 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5404	128B	-.8439	* 214A	.5890	255C	.5023	* 313A	.4843	327E	-.8084
* 113A	.6820	129B	-.8428	* 213A	.5525	254C	.6602	* 312A	.4015	328E	-.7829
* 112A	.0124	157C	.2138	* 212A	.3626	253C	.7065	* 311A	.4015	329E	-.7646
* 111A	.2057	156C	.4125	* 211A	.4003	252C	.7664	* 310A	.7115	330E	-.7293
* 110A	.7030	155C	.6439	* 210A	.7540	251C	.8344	* 309A	.7455		
* 109A	.6605	154C	.7446	* 209A	.5925	243C	-.3169	* 308A	.3036		
* 108A	.0401	153C	.8344	* 208A	-1.0221	244C	-1.0850	* 301A	-.9116		
* 101A	-1.7274	152C	.0696	* 201A	-2.9257	245C	-1.5128	* 302A	-4.7357		
* 102A	-3.8859	144C	-.5700	* 202A	-6.4183	246C	-1.4216	* 303A	-4.8292		
* 103A	-4.2004	145C	-1.5794	* 203A	-5.4326	247C	-1.1272	* 304A	-3.5630		
* 104A	-3.9964	146C	-1.9394	* 204A	-3.4950	248C	-.8950	* 305A	-2.7132		
* 105A	-2.9257	147C	-1.4872	* 206A	-2.4413	249C	-.8317	* 307A	-2.3138		
* 106A	-2.6877	148C	-1.1172	* 207A	-2.5857	250C	-.8128	* 345E	.0972		
* 107A	-2.4753	149C	-.9428	* 242B	.6765	264D	-.0720	* 344E	.2056		
* 142B	.5622	150C	-.8850	* 241B	.7119	263D	.5568	* 343E	.2275		
* 141B	.5976	151C	-.8939	* 240B	.5268	262D	.6793	* 342E	.2457		
* 140B	.5731	166D	-.1427	* 239B	.5268	261D	.7936	* 341E	.2202		
* 139B	.5731	165D	.5160	* 238B	.5296	256D	.1816	* 340E	.1909		
* 138B	.5758	164D	.6793	* 237B	.5220	257D	-1.1017	* 339E	.2129		
* 137B	.5731	159D	.4471	* 236B	.5817	258D	-1.2061	* 338E	.2116		
* 136B	.5268	160D	-1.4161	* 235B	.6535	259D	-.9383	* 337E	.3833		
* 135B	.5894	161D	-.1262	* 234B	.7278	260D	-.6461	* 336E	.4953		
* 134B	.6793	162D	-.7361	* 233B	.7728			* 335E	.6133		
* 133B	.7582			* 232B	.7314			* 334E	.6876		
* 132B	.7119			* 231B	.5196			* 333E	.7083		
* 131B	.4697			* 230B	-.7001			* 332E	.5744		
* 130B	-.4557			* 215B	-2.9703			* 331E	.0924		
* 115B	-1.4111			* 216B	-3.8944			* 314E	-2.5661		
* 116B	-2.3988			* 217B	-4.7697			* 315E	-3.3506		
* 117B	-4.7697			* 218B	-4.0559			* 316E	-3.7415		
* 118B	-5.1097			* 219B	-2.7812			* 317E	-2.2968		
* 119B	-4.5658			* 220B	-2.6537			* 318E	-2.0759		
* 120B	-3.2231			* 222B	-1.1139			* 319E	-1.3280		
* 121B	-1.8772			* 223B	-1.0195			* 320E	-.9711		
* 122B	-1.1639			* 224B	-1.0195			* 321E	-.9667		
* 123B	-.8428			* 225B	-.9150			* 322E	-.9715		
* 124B	-.7495			* 226B	-.9072			* 323E	-.8693		
* 125B	-.7372			* 227B	-.8361			* 324E	-.8474		
* 126B	-.8095			* 228B	-.8172			* 325E	-.8255		
* 127B	-.8406			* 229B	-.8261			* 326E	-.7999		

TABLE 257.- NORMAL-CHORD FORCE COEFFICIENT FDP RUN 46

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.900	-.12733	.56701	.24973	.06581	-.13216	.28912	.28734	.09238	-.15751	-.06678
.204	-.08123	1.08757	.28017	.07244	-.09012	1.08825	.37584	.11466	-.11767	.59089
6.246	-.01329	1.54932	.26781	.06999	-.00857	1.76012	.40261	.12153	-.05268	1.18637
8.271	.01914	1.66020	.26444	.06918	.06025	1.93059	.39738	.11870	.01420	1.32554
12.419	.12492	1.83507	.24038	.06709	.22890	2.18736	.36470	.11671	.14307	1.51478
16.465	.17844	1.65430	.21332	.07856	.35967	2.25842	.31965	.11962	.28971	1.62442
20.502	.26209	1.71098	.22862	.08180	.41966	1.91785	.32646	.14694	.35094	1.50755
24.488	.37112	1.79151	.25611	.09169	.47363	1.70574	.33092	.15572	.42720	1.46013
28.524	.44831	1.77000	.25905	.10057	.55126	1.74507	.34217	.16189	.50329	1.37938

TABLE 258.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 46

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.900	-.01489	-.04159	-.02546	.00674	-.00192	-.01272	-.02632	-.00539	-.01468	-.03539
.204	-.00318	-.06600	-.02436	.00659	.00039	-.05782	-.01472	-.00544	-.00879	-.07280
6.246	.03523	-.13598	-.02349	.00670	.03717	-.16396	-.01705	-.00514	.02509	-.16679
8.271	.04745	-.16192	-.02310	.00666	.04559	-.19034	-.01793	-.00496	.03856	-.19223
12.419	.06305	-.21087	-.02094	.00664	.05017	-.24342	-.01703	-.00407	.04944	-.19100
16.465	.06137	-.20872	-.01300	.00581	.02837	-.27895	-.01186	-.00368	.04266	-.21361
20.502	.05375	-.22038	-.01349	.00300	.00757	-.26516	-.00358	-.00508	.02838	-.14364
24.488	.03454	-.24331	-.01317	.00281	-.02068	-.22172	-.00162	-.00532	.01103	-.18028
28.524	.00723	-.25096	-.01124	.00268	-.07281	-.22483	-.00068	-.00587	-.01102	-.15424

TABLE 257.- PITCHING-MOMENT COEFFICIENT FOR RUN 46

ALPHA	COMPONENT-STATION									
	A-A	P-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.900	.00802	-.33518	-.01660	-.00267	.00907	-.17822	-.02705	-.00445	.01178	-.03938
.204	.00415	-.50698	-.01815	-.00294	.00531	-.46793	-.03347	-.00531	.00782	-.25745
6.246	-.00088	-.60176	-.01727	-.00288	-.00064	-.62634	-.03515	-.00566	.00223	-.37644
8.271	-.00283	-.61920	-.01703	-.00286	-.00510	-.66901	-.03460	-.00552	-.00248	-.41069
12.419	-.00950	-.63880	-.01554	-.00280	-.01684	-.71911	-.03168	-.00557	-.01101	-.51594
16.465	-.01264	-.55874	-.01453	-.00341	-.02512	-.70952	-.02798	-.00583	-.02039	-.54202
20.502	-.01763	-.57671	-.01560	-.00367	-.02819	-.59443	-.02980	-.00733	-.02386	-.55757
24.488	-.02372	-.59129	-.01758	-.00412	-.03106	-.55342	-.03057	-.00784	-.02787	-.51369
28.524	-.02737	-.58566	-.01805	-.00459	-.03468	-.57379	-.03185	-.00811	-.03249	-.50857



TABLE 260.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 46 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.89 (60.35)	-5.94	.0649	.1553	-.2335	.0025	.0025	-.0154
.203	2.89 (60.31)	-3.90	.4238	.1324	-.2709	.0020	.0019	-.0072
.204	2.89 (60.46)	-1.85	.8669	.1176	-.3427	.0111	.0028	-.0105
.203	2.89 (60.32)	.20	1.1799	.1284	-.3763	.0028	.0028	-.0054
.204	2.89 (60.37)	2.33	1.4355	.1425	-.3710	.0024	.0029	-.0043
.203	2.89 (60.29)	4.31	1.6290	.1608	-.3372	.0013	.0029	-.0075
.203	2.89 (60.34)	6.25	1.8431	.1814	-.3078	.0015	.0031	-.0020
.203	2.89 (60.33)	8.27	2.0349	.2036	-.2777	.0014	.0027	-.0014
.204	2.89 (60.45)	10.35	2.1879	.2348	-.2412	-.0016	.0019	.0009
.203	2.89 (60.32)	12.42	2.3445	.2664	-.1777	-.0002	.0047	.0017
.204	2.89 (60.40)	16.47	2.3585	.3674	-.1449	-.0055	.0018	.0084
.203	2.88 (60.23)	17.41	2.3801	.3839	-.1271	-.0096	-.0003	.0081
.203	2.89 (60.33)	18.52	2.4030	.4149	-.1022	-.0152	-.0020	.0123
.204	2.89 (60.44)	20.50	2.3539	.4970	-.0191	-.0280	-.0088	.0178
.204	2.89 (60.46)	22.61	2.3694	.5620	.0407	-.0348	-.0153	.0184
.204	2.89 (60.44)	24.49	2.2795	.6311	.1319	-.0127	-.0046	.0060
.204	2.90 (60.52)	26.70	2.2626	.7089	.1711	-.0061	-.0003	.0026
.204	2.90 (60.61)	28.52	2.2863	.7702	.2033	-.0067	.0005	.0057
.203	2.88 (60.22)	13.35	2.4009	.2754	-.1640	-.0005	.0052	-.0014
.203	2.89 (60.30)	14.41	2.3840	.3081	-.1642	-.0069	.0034	.0167
.203	2.89 (60.30)	15.39	2.4174	.3277	-.1462	-.0091	.0031	.0149

TABLE 261 .- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = -3.974 DEGREES AND QINF = 2.89 KN/SQM ( 60.34 LB/SOFT )

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* TAP ID	WING STATION A	CP	TAP ID	CP	* TAP ID	WING STATION B	CP	TAP ID	CP	* TAP ID	WING STATION C	CP	TAP ID	CP	* TAP ID																																																																																																																																																																																																																																																																																																																																		
* 114A	-0.3802	128B	-0.9358	* 214A	-0.4091	255C	.4981	* 313A	-0.5853	327E	-0.3271	* 113A	-0.3364	129B	-1.5009	* 213A	-0.4054	254C	.6349	* 312A	-0.5889	328E	-0.2182	* 112A	.0931	157C	.4652	* 212A	-0.3921	253C	.6349	* 311A	-0.5816	329E	-0.1240	* 111A	-0.3091	156C	.5747	* 211A	-0.4066	252C	.5692	* 310A	-0.5932	330E	-0.0616	* 110A	-0.3224	155C	.6650	* 210A	-0.3711	251C	.2847	* 309A	-0.5847	* 109A	-0.4480	154C	.6814	* 209A	-0.3797	243C	-2.3364	* 308A	-0.5761	* 108A	-0.2601	153C	.6622	* 208A	-0.3797	244C	-2.6959	* 301A	-0.5761	* 101A	.4148	152C	-0.1340	* 201A	-0.1661	245C	-2.8378	* 302A	-0.0978	* 102A	.7650	144C	-3.3405	* 202A	.6198	246C	-2.2961	* 303A	.7223	* 103A	.5856	145C	-3.5838	* 203A	.7821	247C	-1.7265	* 304A	.7565	* 104A	.2867	146C	-3.5347	* 204A	.6967	248C	-1.2306	* 305A	.6254	* 105A	.0645	147C	-2.3218	* 206A	.3294	249C	-.8386	* 307A	.0816	* 106A	-0.0550	148C	-1.6651	* 207A	-0.0550	250C	-.6431	* 345E	.1611	* 107A	-0.2088	149C	-1.1145	* 242B	.2983	264D	.3448	* 344E	.1538	* 142B	.1506	150C	-0.7705	* 241B	.2108	263D	.6485	* 343E	.1440	* 141B	.4023	151C	-0.6353	* 240B	.2409	262D	.7142	* 342E	.1049	* 140B	.3585	166D	.2354	* 239B	.2053	261D	.6677	* 341E	.0461	* 139B	.3722	165D	.6485	* 238B	.0795	256D	-.9291	* 340E	-0.0530	* 138B	.3339	164D	.7443	* 237B	.1171	257D	-1.5567	* 339E	.3251	* 137B	.7142	159D	-0.8911	* 236B	-0.2280	258D	-.7526	* 338E	.1538	* 136B	.5692	160D	-0.8542	* 235B	-0.3687	259D	-.3438	* 337E	-0.3051	* 135B	-0.0245	161D	-0.1339	* 234B	-0.4409	260D	-.0467	* 336E	-0.4482	* 134B	-0.1777	162D	-0.1718	* 233B	-0.4335	* 335E	-0.5902	* 133B	-0.3237	* 232B	-0.4140	* 334E	-0.6758	* 132B	-0.3419	* 231B	-0.4335	* 323E	-0.6562	* 131B	-0.3419	* 230B	-0.4519	* 332E	-0.6697	* 130B	-0.3474	* 215B	-0.4739	* 331E	-0.6770	* 115B	-0.4130	* 216B	-0.4736	* 314E	-0.6513	* 116B	-0.4053	* 217B	-0.5847	* 315E	-0.6103	* 117B	.6796	* 218B	-0.8239	* 316E	-0.6018	* 118B	-0.4993	* 219B	-0.8666	* 317E	-0.5078	* 119B	-1.0289	* 220B	-1.2083	* 318E	-0.5505	* 120B	-1.0460	* 222B	-0.7425	* 319E	-0.5420	* 121B	-0.7414	* 223B	-0.7224	* 320E	-0.5078	* 122B	-0.6409	* 224B	-0.7325	* 321E	-0.4323	* 123B	-0.6353	* 225B	-0.7459	* 322E	-0.4360	* 124B	-0.6409	* 226B	-0.9268	* 323E	-0.4103	* 125B	-0.6945	* 227B	-0.9871	* 324E	-0.3993	* 126B	-0.7381	* 228B	-1.1223	* 325E	-0.4201	* 127B	-0.7984	* 229B	-1.5439	* 326E	-0.3956
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TABLE 262.- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = .127 DEGREES AND QINF = 2.89 KN/SQM ( 60.34 LB/SQFT )

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WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1612	128B	-1.1300	* 214A	-.2548	255C	.4818	* 313A	-.4554	327E	-.3637
* 113A	-.1366	129B	-1.6505	* 213A	-.3074	254C	.7034	* 312A	-.5117	328E	-.2548
* 112A	.0577	157C	.4626	* 212A	-.3147	253C	.7691	* 311A	-.4750	329E	-.2132
* 111A	-.1968	156C	.5912	* 211A	-.3429	252C	.8320	* 310A	-.6187	330E	-.1850
* 110A	-.2429	155C	.7527	* 210A	-.5504	251C	.8402	* 309A	-.6187		
* 109A	-.1233	154C	.8211	* 209A	-.5760	243C	-1.6743	* 308A	-.6102		
* 108A	.2868	153C	.8676	* 208A	-.6017	244C	-2.9047	* 301A	-.7383		
* 101A	.6969	152C	-.1284	* 201A	-.2429	245C	-3.1393	* 302A	.3722		
* 102A	.4491	144C	-3.2667	* 202A	.7567	246C	-2.5362	* 303A	.7652		
* 103A	-.0207	145C	-4.0116	* 203A	.5943	247C	-1.8560	* 304A	.5260		
* 104A	-.4393	146C	-3.9345	* 204A	.3551	248C	-1.2986	* 305A	.3466		
* 105A	-.4564	147C	-2.5239	* 206A	-.0635	249C	-.9021	* 307A	-.2429		
* 106A	-.4991	148C	-1.7890	* 207A	-.6450	250C	-.6989	* 345E	.2017		
* 107A	-.4137	149C	-1.2026	* 242B	.5897	264D	.2602	* 344E	.2518		
* 142B	.1972	150C	-.8284	* 241B	.5611	263D	.6788	* 343E	.2494		
* 141B	.5447	151C	-.6721	* 240B	.4626	262D	.7882	* 342E	.2347		
* 140B	.5092	166D	.2574	* 239B	.4681	261D	.8621	* 341E	.1821		
* 139B	.5119	165D	.6952	* 238B	.4052	256D	-.8474	* 340E	.1246		
* 138B	.4955	164D	.8266	* 237B	.3387	257D	-1.9375	* 339E	.3473		
* 137B	.6651	159D	-.9680	* 236B	.3069	258D	-1.0183	* 338E	.2066		
* 136B	.5995	160D	-1.0596	* 235B	.3448	259D	-.4677	* 337E	.0316		
* 135B	.1863	161D	-.1293	* 234B	.4745	260D	-.1226	* 336E	.1307		
* 134B	.2246	162D	-.1605	* 233B	.6667			* 335E	.3522		
* 133B	.3641			* 232B	-.3563			* 334E	.2983		
* 132B	-.0928			* 231B	-.6463			* 333E	-.5509		
* 131B	-.3254			* 230B	-1.4172			* 332E	-.7552		
* 130B	-.3609			* 215B	-1.3353			* 331E	-1.0428		
* 115B	-.3254			* 216B	-1.1655			* 314E	-1.2398		
* 116B	-.3197			* 217B	-1.6012			* 315E	-.9604		
* 117B	-.5931			* 218B	-1.7378			* 316E	-1.0544		
* 118B	-1.1826			* 219B	-1.6866			* 317E	-1.1655		
* 119B	-1.6182			* 220B	-2.0027			* 318E	-1.1569		
* 120B	-1.6353			* 222B	-1.1244			* 319E	-1.2765		
* 121B	-1.1713			* 223B	-1.0641			* 320E	-.9434		
* 122B	-.9971			* 224B	-1.0194			* 321E	-.7895		
* 123B	-.9200			* 225B	-1.0373			* 322E	-.7149		
* 124B	-.9044			* 226B	-1.1847			* 323E	-.6549		
* 125B	-.9088			* 227B	-1.1870			* 324E	-.5582		
* 126B	-.9379			* 228B	-1.3132			* 325E	-.5215		
* 127B	-1.0049			* 229B	-1.6639			* 326E	-.4579		
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TABLE 243 .- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = 4.224 DEGREES AND QINF = 2.89 KN/SQM ( 60.45 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0879	128B	-1.1650	* 214A	-.4771	255C	.5156	* 313A	-.6505	327E	-.3989
* 113A	-.1535	129B	-1.6321	* 213A	-.5260	254C	.7204	* 312A	-.6481	328E	-.3256
* 112A	.0650	157C	.4910	* 212A	-.5211	253C	.7887	* 311A	-.6224	329E	-.2951
* 111A	-.1535	156C	.6112	* 211A	-.4942	252C	.8488	* 310A	-.5730	330E	-.2682
* 110A	-.0188	155C	.7723	* 210A	-.4792	251C	.8597	* 309A	-.7009		
* 109A	.2967	154C	.8543	* 209A	-.5560	243C	-1.5791	* 308A	-.9141		
* 103A	.6379	153C	.9389	* 208A	.1262	244C	-3.0045	* 301A	-.3172		
* 101A	.5952	152C	-.0934	* 201A	.3394	245C	-3.2553	* 302A	.7146		
* 102A	-.3513	144C	-3.2123	* 202A	.5696	246C	-2.6410	* 303A	.5525		
* 103A	-.9312	145C	-4.0301	* 203A	.0153	247C	-1.8495	* 304A	.1347		
* 104A	-1.1870	146C	-3.9331	* 204A	-.1381	248C	-1.2519	* 305A	-.0273		
* 105A	-1.0676	147C	-2.4783	* 206A	-.5474	249C	-.3239	* 307A	-.6498		
* 106A	-.9653	148C	-1.7737	* 207A	-.9482	250C	-.5875	* 345E	.1776		
* 107A	-.7265	149C	-1.1773	* 242B	.7341	264D	.2726	* 344E	.2411		
* 142B	.2917	150C	-.7971	* 241B	.6249	263D	.6959	* 343E	.2448		
* 141B	.5812	151C	-.6633	* 240B	.4910	262D	.8078	* 342E	.2325		
* 140B	.5675	165D	.2807	* 239B	.4992	261D	.8816	* 341E	.1751		
* 139B	.5648	165D	.7122	* 238B	.4501	256D	-.7414	* 340E	.1165		
* 132B	.5511	164D	.8461	* 237B	.3889	257D	-1.7202	* 339E	.3657		
* 137B	.6494	159D	-.9153	* 236B	.3608	258D	-.8885	* 338E	.2557		
* 136B	.6358	160D	-1.0725	* 235B	.3987	259D	-.4080	* 337E	.0506		
* 135B	.2616	161D	-.1014	* 234B	.4817	260D	-.1148	* 336E	.1287		
* 134B	.3053	162D	-.1516	* 233B	.6173			* 335E	.2777		
* 133B	.4719			* 232B	.7834			* 334E	.4487		
* 132B	.7641			* 231B	.4780			* 333E	.7297		
* 131B	.2671			* 230B	-1.6594			* 332E	.5184		
* 130B	-.7625			* 215B	-3.6882			* 331E	-.7397		
* 115B	-.6724			* 216B	-2.2102			* 314E	-3.3181		
* 116B	-.3854			* 217B	-2.8924			* 315E	-2.2784		
* 117B	-1.1188			* 218B	-2.8924			* 316E	-2.0397		
* 118B	-1.9118			* 219B	-2.5087			* 317E	-2.1249		
* 119B	-2.3125			* 220B	-3.0895			* 318E	-1.8862		
* 120B	-2.1845			* 222B	-1.4749			* 319E	-2.1505		
* 121B	-1.5262			* 223B	-1.3645			* 320E	-1.3234		
* 122B	-1.2341			* 224B	-1.2720			* 321E	-1.0609		
* 123B	-1.1014			* 225B	-1.2252			* 322E	-.9241		
* 124B	-1.0412			* 226B	-1.3601			* 323E	-.8386		
* 125B	-1.0334			* 227B	-1.3278			* 324E	-.6957		
* 126B	-1.0245			* 228B	-1.4370			* 325E	-.6286		
* 127B	-1.0580			* 229B	-1.7447			* 326E	-.5137		

TABLE 264 .- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = 8.213 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.1102	* 128B	-1.1624	* 214A	-.2370	* 255C	.5341	* 313A	-.4706	* 327E	-.4461
* 113A	.0090	* 129B	-1.5955	* 213A	-.3837	* 254C	.7310	* 312A	-.4620	* 328E	-.3923
* 112A	.1102	* 157C	.5040	* 212A	-.3825	* 253C	.7939	* 311A	-.4278	* 329E	-.3764
* 111A	-.0129	* 156C	.6271	* 211A	-.3287	* 252C	.8568	* 310A	-.2336	* 330E	-.3519
* 110A	.2787	* 155C	.7802	* 210A	-.0373	* 251C	.8568	* 309A	-.1226		
* 109A	.6202	* 154C	.8595	* 209A	.1506	* 243C	-1.5799	* 308A	.0994		
* 108A	.6629	* 153C	.9415	* 208A	.6885	* 244C	-2.9697	* 301A	.5263		
* 101A	.0140	* 152C	-.0320	* 201A	.4494	* 245C	-3.2254	* 302A	.6544		
* 102A	-1.4546	* 144C	-3.0812	* 202A	-.2934	* 246C	-2.6181	* 303A	-.1226		
* 103A	-2.0096	* 145C	-3.9242	* 203A	-.8911	* 247C	-1.7819	* 304A	-.5752		
* 104A	-2.2573	* 146C	-3.8315	* 204A	-.9594	* 248C	-1.2059	* 305A	-.6093		
* 105A	-1.7535	* 147C	-2.3903	* 206A	-1.1216	* 249C	-.7951	* 307A	-1.1900		
* 106A	-1.4205	* 148C	-1.6904	* 207A	-1.5486	* 250C	-.5674	* 345E	.1471		
* 107A	-.9850	* 149C	-1.1199	* 242B	.7583	* 264D	.2961	* 344E	.2144		
* 142B	.3864	* 150C	-.7538	* 241B	.6817	* 263D	.7036	* 343E	.2217		
* 141B	.6134	* 151C	-.6031	* 240B	.5286	* 262D	.8103	* 342E	.2144		
* 140B	.5915	* 166D	.2661	* 239B	.5505	* 261D	.8677	* 341E	.1728		
* 139B	.5915	* 165D	.7173	* 238B	.5067	* 256D	-.7326	* 340E	.1263		
* 138B	.5724	* 164D	.8458	* 237B	.4516	* 257D	-1.6826	* 339E	.4137		
* 137B	.6571	* 159D	-1.1813	* 236B	.4431	* 258D	-.8833	* 338E	.3379		
* 136B	.6681	* 160D	-.9369	* 235B	.4895	* 259D	-.4167	* 337E	.1226		
* 135B	.3536	* 161D	-.0404	* 234B	.5752	* 260D	-.1309	* 336E	.2119		
* 134B	.4110	* 162D	-.1342	* 233B	.6926			* 335E	.3623		
* 133B	.5423			* 232B	.7880			* 334E	.5201		
* 132B	.7310			* 231B	.5030			* 333E	.7244		
* 131B	.7228			* 230B	-1.4698			* 332E	.5972		
* 130B	.0145			* 215B	-3.8560			* 331E	-.3605		
* 115B	-.7157			* 216B	-3.0684			* 314E	-3.5894		
* 116B	-.3703			* 217B	-4.0162			* 315E	-2.9403		
* 117B	-1.6766			* 218B	-3.8454			* 316E	-2.9660		
* 118B	-2.7098			* 219B	-3.2648			* 317E	-2.8977		
* 119B	-3.0172			* 220B	-3.8369			* 318E	-2.5134		
* 120B	-2.7525			* 222B	-1.7429			* 319E	-2.7098		
* 121B	-1.8924			* 223B	-1.5866			* 320E	-1.6169		
* 122B	-1.4761			* 224B	-1.4638			* 321E	-1.2717		
* 123B	-1.2684			* 225B	-1.3544			* 322E	-1.0945		
* 124B	-1.1590			* 226B	-1.4604			* 323E	-.9353		
* 125B	-1.0965			* 227B	-1.3957			* 324E	-.7457		
* 126B	-1.0518			* 228B	-1.4761			* 325E	-.6234		
* 127B	-1.0652			* 229B	-1.7105			* 326E	-.5256		

TABLE 265.- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = 12.281 DEGREES AND QINF = 2.89 KN/SQM ( 60.36 LB/SOFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.6296	128B	-1.1584	* 214A	.2765	255C	.5394	* 313A	-.2422	327E	-.6275
* 113A	.2494	129B	-1.5782	* 213A	-.1871	254C	.7199	* 312A	-.2850	328E	-.5871
* 112A	.1564	157C	.5503	* 212A	-.2385	253C	.7773	* 311A	-.2360	329E	-.5627
* 111A	.1810	156C	.6597	* 211A	-.1357	252C	.8457	* 310A	.0906	330E	-.5235
* 110A	.5859	155C	.8101	* 210A	.3895	251C	.8375	* 309A	.3211		
* 109A	.7225	154C	.8840	* 209A	.6371	243C	-1.5394	* 308A	.6200		
* 108A	.3297	153C	.9578	* 208A	.7481	244C	-2.7416	* 301A	.7567		
* 101A	-1.0538	152C	.0333	* 201A	-.0717	245C	-2.9236	* 302A	-.1827		
* 102A	-3.1802	144C	-2.9480	* 202A	-1.8395	246C	-2.3754	* 303A	-1.3527		
* 103A	-3.4450	145C	-3.8369	* 203A	-2.1811	247C	-1.5492	* 304A	-1.4723		
* 104A	-3.3681	146C	-3.7420	* 204A	-2.0017	248C	-.9887	* 305A	-1.3356		
* 105A	-2.3006	147C	-2.3419	* 206A	-1.8053	249C	-.6102	* 307A	-1.7626		
* 106A	-1.8907	148C	-1.6608	* 207A	-2.2494	250C	-.4717	* 345E	.0930		
* 107A	-1.3442	149C	-1.0624	* 242B	.7472	264D	.2795	* 344E	.1750		
* 142B	.4053	150C	-.7129	* 241B	.7171	263D	.7007	* 343E	.1909		
* 141B	.6488	151C	-.5420	* 240B	.5503	262D	.8019	* 342E	.1933		
* 140B	.6187	166D	.3397	* 239B	.5612	261D	.8566	* 341E	.1566		
* 139B	.6241	165D	.7390	* 238B	.5339	256D	-.6749	* 340E	.1211		
* 138B	.6023	164D	.8648	* 237B	.5114	257D	-1.6027	* 339E	.4282		
* 137B	.6624	159D	-1.1260	* 236B	.5126	258D	-.9239	* 338E	.3817		
* 136B	.6706	160D	-.9038	* 235B	.5713	259D	-.4672	* 337E	.1860		
* 135B	.4464	161D	-.0005	* 234B	.6447	260D	-.1993	* 336E	.2887		
* 134B	.4983	162D	-.0854	* 233B	.7377			* 335E	.4355		
* 133B	.6214			* 232B	.7731			* 334E	.5750		
* 132B	.7445			* 231B	.4783			* 333E	.7254		
* 131B	.7226			* 230B	-1.3504			* 332E	.5872		
* 130B	.2494			* 215B	-3.8202			* 331E	-.2422		
* 115B	-.3578			* 216B	-3.9830			* 314E	-3.6343		
* 116B	-.2254			* 217B	-5.2725			* 315E	-3.4962		
* 117B	-2.1811			* 218B	-4.9053			* 316E	-3.7780		
* 118B	-3.4023			* 219B	-4.0855			* 317E	-3.6756		
* 119B	-3.6756			* 220B	-4.6406			* 318E	-3.1205		
* 120B	-3.1034			* 222B	-1.9913			* 319E	-3.1973		
* 121B	-2.1755			* 223B	-1.7557			* 320E	-1.8822		
* 122B	-1.6575			* 224B	-1.6161			* 321E	-1.3736		
* 123B	-1.3973			* 225B	-1.4476			* 322E	-1.1254		
* 124B	-1.2544			* 226B	-1.5145			* 323E	-.9651		
* 125B	-1.1528			* 227B	-1.4007			* 324E	-.8159		
* 126B	-1.0947			* 228B	-1.4263			* 325E	-.7584		
* 127B	-1.0836			* 229B	-1.5302			* 326E	-.7082		

TABLE 266 .- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = 16.351 DEGREES AND QINF = 2.89 KN/SQM ( 60.42 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.7441	129B	-.7809	* 214A	.5552	255C	.5447	* 313A	.0163	327E	-.7902
* 113A	.4900	129B	-.9571	* 213A	.0066	254C	.7387	* 312A	-.1193	328E	-.6741
* 112A	.2878	157C	.4928	* 212A	-.1437	253C	.7933	* 311A	-.0606	329E	-.6325
* 111A	.2359	156C	.6103	* 211A	-.0020	252C	.8589	* 310A	.3212	330E	-.5727
* 110A	.6710	155C	.7687	* 210A	.5345	251C	.8644	* 309A	.5345		
* 109A	.6539	154C	.8425	* 209A	.7222	243C	-1.1029	* 308A	.7051		
* 108A	.0141	153C	.9245	* 208A	.3553	244C	-2.1227	* 301A	.4918		
* 101A	-1.8627	152C	-.0319	* 201A	-.7793	245C	-2.3123	* 302A	-1.5897		
* 102A	-4.0126	144C	-1.9527	* 202A	-3.4154	246C	-1.8282	* 303A	-2.7073		
* 103A	-4.0296	145C	-2.3513	* 203A	-3.4666	247C	-1.0954	* 304A	-2.4514		
* 104A	-3.7737	146C	-2.5387	* 204A	-3.0400	248C	-.7463	* 305A	-2.0675		
* 105A	-2.4684	147C	-1.5003	* 206A	-2.3319	249C	-.5344	* 307A	-2.3319		
* 106A	-2.0419	148C	-1.0508	* 207A	-2.7329	250C	-.4697	* 345E	.0884		
* 107A	-1.3765	149C	-.7206	* 242B	.7687	254D	.2632	* 344E	.1703		
* 142B	.4026	150C	-.6348	* 241B	.7277	263D	.6922	* 343E	.1874		
* 141B	.6348	151C	-.5801	* 240B	.5693	262D	.7961	* 342E	.1923		
* 140B	.6184	166D	.1567	* 239B	.5747	261D	.8616	* 341E	.1654		
* 139B	.6157	165D	.6813	* 238B	.5583	256D	-.6760	* 340E	.1055		
* 138B	.5993	164D	.8288	* 237B	.5259	257D	-1.6620	* 339E	.4257		
* 137B	.6430	159D	-1.0240	* 236B	.5381	258D	-.9995	* 338E	.4318		
* 136B	.6594	160D	-1.0988	* 235B	.5968	259D	-.4842	* 337E	.2387		
* 135B	.4627	161D	-.0403	* 234B	.6713	260D	-.2265	* 336E	.3414		
* 134B	.5228	162D	-.3805	* 233B	.7556			* 335E	.4954		
* 133B	.6430			* 232B	.7483			* 334E	.6090		
* 132B	.7414			* 231B	.4734			* 333E	.7043		
* 131B	.7113			* 230B	-1.2386			* 332E	.5430		
* 130B	.3425			* 215B	-3.8672			* 331E	-.2207		
* 115B	-.1302			* 216B	-4.6097			* 314E	-3.6912		
* 116B	-.2162			* 217B	-6.0259			* 315E	-3.9614		
* 117B	-2.2296			* 218B	-5.4799			* 316E	-4.5671		
* 118B	-3.2960			* 219B	-4.8145			* 317E	-4.3026		
* 119B	-3.4239			* 220B	-4.9681			* 318E	-3.6969		
* 120B	-2.8012			* 222B	-2.0245			* 319E	-3.5348		
* 121B	-1.9107			* 223B	-1.7278			* 320E	-2.0078		
* 122B	-1.4010			* 224B	-1.5761			* 321E	-1.4843		
* 123B	-1.1690			* 225B	-1.3586			* 322E	-1.2863		
* 124B	-1.0653			* 226B	-1.3553			* 323E	-1.1837		
* 125B	-.9437			* 227B	-1.2293			* 324E	-1.0688		
* 126B	-.8032			* 228B	-1.1534			* 325E	-.9857		
* 127B	-.7653			* 229B	-1.1344			* 326E	-.9148		
*****											

TABLE 267 .- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = 18.445 DEGREES AND QINF = 2.90 KN/SQM ( 60.49 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.7057	128B	-.6803	* 214A	.5723	255C	.5037	* 313A	.1939	327E	-1.0988
* 113A	.7166	129B	-.7661	* 213A	.0498	254C	.7084	* 312A	-.0356	328E	-1.0012
* 112A	.3863	157C	.4464	* 212A	-.0869	253C	.7684	* 311A	.0169	329E	-.9218
* 111A	.2717	156C	.5747	* 211A	.0327	252C	.8367	* 310A	.3981	330E	-.8498
* 110A	.7049	155C	.7493	* 210A	.5600	251C	.8667	* 309A	.6282		
* 109A	.6112	154C	.8312	* 209A	.7475	243C	-.7000	* 308A	.7219		
* 108A	-.2325	153C	.9131	* 208A	.2873	244C	-1.5727	* 301A	.3811		
* 101A	-2.3885	152C	-.0395	* 201A	-.9142	245C	-1.5817	* 302A	-2.2095		
* 102A	-4.6808	144C	-1.6061	* 202A	-3.6071	246C	-1.2262	* 303A	-3.1981		
* 103A	-4.5786	145C	-2.1543	* 203A	-3.5389	247C	-.8708	* 304A	-2.6782		
* 104A	-4.0928	146C	-2.1621	* 204A	-3.0276	248C	-.6591	* 305A	-2.3374		
* 105A	-2.7123	147C	-1.2909	* 206A	-2.2607	249C	-.5890	* 307A	-2.3544		
* 106A	-2.1755	148C	-.9789	* 207A	-2.5504	250C	-.5656	* 345E	-.0149		
* 107A	-1.5022	149C	-.8040	* 242B	.7766	264D	.1489	* 344E	.1035		
* 142B	.3563	150C	-.7505	* 241B	.7029	263D	.6702	* 343E	.1292		
* 141B	.6374	151C	-.7336	* 240B	.5583	262D	.7948	* 342E	.1450		
* 140B	.6211	166D	.0970	* 239B	.5747	261D	.8585	* 341E	.1292		
* 139B	.6129	165D	.6565	* 238B	.5419	256D	-.7282	* 340E	.0730		
* 138B	.5965	164D	.8121	* 237B	.5198	257D	-1.8156	* 339E	.4160		
* 137B	.6374	159D	-1.0847	* 236B	.5344	258D	-1.1483	* 338E	.4490		
* 136B	.6511	160D	-1.3065	* 235B	.5967	259D	-.6603	* 337E	.2488		
* 135B	.4819	161D	-.0352	* 234B	.6760	260D	-.4118	* 336E	.3611		
* 134B	.5446	162D	-.5344	* 233B	.7480			* 335E	.5137		
* 133B	.6620			* 232B	.7480			* 334E	.6309		
* 132B	.7466			* 231B	.4868			* 333E	.7188		
* 131B	.7220			* 230B	-1.1354			* 332E	.5588		
* 130B	.4300			* 215B	-3.6903			* 331E	-.1735		
* 115B	-.0122			* 216B	-4.3315			* 314E	-3.5731		
* 116B	-.2154			* 217B	-5.5842			* 315E	-4.0588		
* 117B	-2.2948			* 218B	-5.0814			* 316E	-4.6127		
* 118B	-3.4367			* 219B	-4.4678			* 317E	-4.3059		
* 119B	-3.5389			* 220B	-4.4422			* 318E	-3.6327		
* 120B	-2.8231			* 222B	-1.6229			* 319E	-3.3259		
* 121B	-1.9159			* 223B	-1.4591			* 320E	-1.9198		
* 122B	-1.3588			* 224B	-1.1538			* 321E	-1.3271		
* 123B	-1.0736			* 225B	-1.0212			* 322E	-1.1525		
* 124B	-.8708			* 226B	-.9199			* 323E	-1.0976		
* 125B	-.6513			* 227B	-.7839			* 324E	-1.0781		
* 126B	-.6157			* 228B	-.7761			* 325E	-1.0805		
* 127B	-.6647			* 229B	-.7059			* 326E	-1.1012		



TABLE 268 .- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = 20.314 DEGREES AND QINF = 2.90 KN/SQM ( 60.54 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.7435	129B	-.6828	* 214A	.5879	255C	.4872	* 313A	.2781	327E	-1.1061
* 113A	.7725	129B	-.7217	* 213A	.1549	254C	.6971	* 312A	.0147	328E	-1.0219
* 112A	.4817	157C	.4244	* 212A	-.0146	253C	.7626	* 311A	.0684	329E	-.9488
* 111A	.3072	156C	.5608	* 211A	.1013	252C	.8290	* 310A	.4491	330E	-.8902
* 110A	.7131	155C	.7353	* 210A	.5768	251C	.8607	* 309A	.6364		
* 109A	.5257	154C	.8253	* 209A	.7215	243C	-.7427	* 308A	.6770		
* 108A	-.5215	153C	.9016	* 208A	.1426	244C	-1.5521	* 301A	.2276		
* 101A	-2.8799	152C	.0072	* 201A	-1.2111	245C	-1.6835	* 302A	-2.5393		
* 102A	-5.1787	144C	-1.4844	* 202A	-3.9101	246C	-1.3317	* 303A	-3.5184		
* 103A	-4.9658	145C	-2.0809	* 203A	-3.6717	247C	-.9332	* 304A	-2.8969		
* 104A	-4.5912	146C	-2.0319	* 204A	-3.3141	248C	-.7451	* 305A	-2.5138		
* 105A	-2.8714	147C	-1.2594	* 206A	-2.2498	249C	-.6850	* 307A	-2.3861		
* 105A	-2.3009	148C	-.9733	* 207A	-2.6074	250C	-.6694	* 345E	-.0182		
* 107A	-1.5943	149C	-.8241	* 242B	.7598	264D	.1190	* 344E	.1049		
* 142B	.4572	150C	-.8019	* 241B	.6998	263D	.6589	* 343E	.1281		
* 141B	.6317	151C	-.7974	* 240B	.5581	262D	.7762	* 342E	.1452		
* 140B	.6126	166D	.0345	* 239B	.5717	261D	.8444	* 341E	.1293		
* 139B	.6099	165D	.6508	* 238B	.5444	256D	-.8954	* 340E	.0806		
* 138B	.5962	164D	.8062	* 237B	.5123	257D	-2.0853	* 339E	.4257		
* 137B	.6453	159D	-1.0757	* 236B	.5354	258D	-1.2939	* 338E	.4806		
* 136B	.6617	160D	-1.3707	* 235B	.6025	259D	-.7317	* 337E	.2586		
* 135B	.4981	161D	-.1006	* 234B	.6842	260D	-.4791	* 336E	.3623		
* 134B	.5717	162D	-.6227	* 233B	.7598			* 335E	.5147		
* 133B	.6835			* 232B	.7586			* 334E	.6306		
* 132B	.7626			* 231B	.5062			* 333E	.7013		
* 131B	.7380			* 230B	-1.0231			* 332E	.5489		
* 130B	.4435			* 215B	-3.4940			* 331E	-.1585		
* 115B	.0427			* 216B	-4.1315			* 314E	-3.4598		
* 116B	-.2831			* 217B	-5.4256			* 315E	-3.9527		
* 117B	-2.4372			* 218B	-4.7956			* 316E	-4.5827		
* 118B	-3.5355			* 219B	-3.9782			* 317E	-4.2421		
* 119B	-3.6121			* 220B	-3.8846			* 318E	-3.5184		
* 120B	-2.8288			* 222B	-1.4920			* 319E	-3.2034		
* 121B	-1.8794			* 223B	-1.2505			* 320E	-1.8327		
* 122B	-1.2538			* 224B	-1.1024			* 321E	-1.2768		
* 123B	-.9421			* 225B	-.9321			* 322E	-1.1219		
* 124B	-.7117			* 226B	-.8720			* 323E	-1.1036		
* 125B	-.6171			* 227B	-.7829			* 324E	-1.0756		
* 126B	-.6349			* 228B	-.7640			* 325E	-1.0890		
* 127B	-.6616			* 229B	-.7640			* 326E	-1.1268		
*****											



TABLE 270 .- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = 28.400 DEGREES AND QINF = 2.91 KN/SQM ( 60.69 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.7633	128B	-.6679	* 214A	.5729	255C	.4831	* 313A	.4245	327E	-.9988
* 113A	.8013	129B	-.6523	* 213A	.5036	254C	.7034	* 312A	.3260	328E	-.9733
* 112A	.5973	157C	.4504	* 212A	.3211	253C	.7714	* 311A	.3661	329E	-.9477
* 111A	.5484	156C	.5756	* 211A	.3369	252C	.8367	* 310A	.6687	330E	-.9173
* 110A	.7621	155C	.7469	* 210A	.7451	251C	.8503	* 309A	.7281		
* 109A	.5413	154C	.8313	* 209A	.6432	243C	-.7600	* 308A	.3799		
* 108A	-.3505	153C	.9101	* 208A	-.8176	244C	-1.5928	* 301A	-.7157		
* 101A	-1.8622	152C	-.0419	* 201A	-2.7540	245C	-1.7116	* 302A	-4.6224		
* 102A	-1.7858	144C	-1.2469	* 202A	-5.4972	246C	-1.3985	* 303A	-4.8602		
* 103A	-1.6499	145C	-1.9237	* 203A	-4.6988	247C	-1.0510	* 304A	-3.7901		
* 104A	-1.6499	146C	-1.8204	* 204A	-3.2890	248C	-.8666	* 305A	-2.4142		
* 105A	-1.6584	147C	-1.1576	* 206A	-2.3378	249C	-.8278	* 307A	-2.2529		
* 106A	-1.5310	148C	-.8689	* 207A	-2.4058	250C	-.7978	* 345E	-.0354		
* 107A	-1.5310	149C	-.7278	* 242B	.7524	264D	.0914	* 344E	.0687		
* 142B	.4663	150C	-.7356	* 241B	.7389	263D	.6572	* 343E	.1131		
* 141B	.6702	151C	-.7356	* 240B	.5837	262D	.7741	* 342E	.1350		
* 140B	.6463	166D	.0043	* 239B	.5946	261D	.8340	* 341E	.1228		
* 139B	.6462	165D	.6463	* 238B	.5701	256D	-1.0698	* 340E	.1021		
* 138E	.6408	164D	.8041	* 237B	.5498	257D	-2.3079	* 339E	.4002		
* 137B	.6517	159D	-1.0576	* 236B	.5839	258D	-1.4695	* 338E	.4914		
* 136B	.6572	160D	-1.3641	* 235B	.6362	259D	-.9066	* 337E	.3089		
* 135R	.5701	161D	-.1138	* 234B	.7031	260D	-.6024	* 336E	.4184		
* 134B	.6490	162D	-.6224	* 233B	.7517			* 335E	.5583		
* 133B	.7524			* 232B	.7189			* 334E	.6459		
* 132B	.8095			* 231B	.5121			* 333E	.6824		
* 131B	.7741			* 230B	-.7215			* 332E	.5595		
* 130B	.4912			* 215B	-2.8212			* 331E	.0389		
* 115B	.0778			* 216B	-3.7391			* 314E	-2.6156		
* 116B	-.2401			* 217B	-4.6054			* 315E	-3.1701		
* 117B	-2.0830			* 218B	-3.8411			* 316E	-3.6627		
* 118B	-2.1000			* 219B	-2.5841			* 317E	-3.1446		
* 119B	-1.1063			* 220B	-2.2869			* 318E	-2.1340		
* 120B	-1.2677			* 222B	-1.1198			* 319E	-1.7518		
* 121E	-.7911			* 223B	-1.0609			* 320E	-1.2507		
* 122B	-.6812			* 224B	-.9655			* 321E	-1.2507		
* 123B	-.6268			* 225B	-.8977			* 322E	-1.2081		
* 124B	-.6401			* 226B	-.8755			* 323E	-1.1387		
* 125B	-.6246			* 227B	-.8344			* 324E	-1.0621		
* 126B	-.6446			* 228B	-.8111			* 325E	-1.0329		
* 127B	-.6834			* 229B	-.8167			* 326E	-1.0122		

TABLE 21. - NORMAL-CHORD FORCE COEFFICIENT FOR RUN 22

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.974	-.06423	.74018	.30669	.06977	-.12399	.59838	.41146	.12074	-.14360	.18169
.127	.01227	1.19847	.34301	.07690	-.07980	1.33669	.47075	.14469	-.11303	.72346
4.224	.09757	1.48442	.34527	.07807	-.03837	1.80082	.47347	.13911	-.09756	1.10618
8.213	.21364	1.71907	.33719	.07317	.09320	2.11185	.46750	.14043	.00825	1.33197
12.291	.35903	1.89777	.33434	.07233	.26804	2.39003	.42289	.14465	.14783	1.55958
16.351	.41950	1.69014	.25947	.08590	.41190	2.44668	.36391	.14852	.29585	1.79656
18.445	.46677	1.60212	.25513	.09523	.41599	2.11587	.31626	.16496	.34985	1.83395
20.314	.50783	1.58071	.25563	.10025	.44003	1.98624	.33106	.17597	.38399	1.81794
24.423	.41104	1.35501	.25230	.10469	.44509	1.63198	.33522	.18293	.40519	1.61630
28.400	.27865	1.23940	.24161	.09955	.50755	1.69368	.35273	.19307	.48363	1.58062

TABLE 272.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 22

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.974	.00813	-.01314	-.05314	-.00380	.00079	-.01793	-.04788	-.01702	-.01099	-.05132
.127	.03083	-.02733	-.05647	-.00439	.00017	-.06796	-.04291	-.01958	-.00794	-.08454
4.224	.04423	-.04834	-.05654	-.00414	.03008	-.14201	-.04673	-.01743	.00551	-.15222
8.213	.03947	-.06413	-.05525	-.00548	.04697	-.19146	-.04710	-.01696	.04003	-.19501
12.281	.01213	-.07567	-.05423	-.00518	.04084	-.24699	-.04628	-.01576	.05301	-.22504
16.351	-.01307	-.08610	-.03356	-.00466	.01908	-.29478	-.03303	-.01619	.04660	-.25263
18.445	-.03053	-.10005	-.02590	-.00519	.01194	-.29324	-.01585	-.01664	.04125	-.23582
20.314	-.04607	-.10664	-.02309	-.00504	.00191	-.27566	-.01423	-.01916	.03613	-.22877
24.423	-.03064	-.07966	-.02308	-.00493	-.01549	-.21163	-.01111	-.01971	.01581	-.18808
28.400	-.02170	-.04709	-.02084	-.00494	-.05859	-.21668	-.01126	-.02095	-.00801	-.15635

TABLE 273 .- PITCHING-MOMENT COEFFICIENT FOR RUN 22

ALPHA	COMPONENT-STATION									
	A-A	R-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.974	.00340	-.39542	-.01965	-.00305	.00838	-.31699	-.03591	-.00541	.01048	-.14009
.127	-.00176	-.54014	-.02163	-.00326	.00411	-.56444	-.03958	-.00622	.00727	-.30365
4.224	-.00672	-.61266	-.02172	-.00332	.00132	-.67242	-.03914	-.00614	.00556	-.37528
8.213	-.01331	-.66800	-.02114	-.00319	-.00743	-.75044	-.03861	-.00631	-.00199	-.42655
12.281	-.02167	-.71251	-.02093	-.00315	-.01933	-.80601	-.03452	-.00669	-.01131	-.50045
16.351	-.02485	-.61151	-.01746	-.00394	-.02867	-.78149	-.03052	-.00686	-.02096	-.58575
18.445	-.02716	-.55357	-.01792	-.00444	-.02859	-.64307	-.02814	-.00781	-.02453	-.63172
20.314	-.02929	-.54386	-.01815	-.00469	-.02989	-.61203	-.02972	-.00828	-.02675	-.63462
24.423	-.02471	-.50282	-.01804	-.00491	-.02939	-.54505	-.03051	-.00876	-.02645	-.57697
28.400	-.01765	-.49206	-.01731	-.00463	-.03254	-.57121	-.03226	-.00917	-.03052	-.59292

TABLE 274.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 22 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.205	2.89 (60.42)	-6.01	.3392	.1588	-.3613	.0038	.0034	-.0180
.205	2.89 (60.29)	-3.97	.7230	.1527	-.4312	.0063	.0029	-.0099
.205	2.89 (60.41)	-1.87	1.1709	.1622	-.5364	.0037	.0029	-.0130
.205	2.89 (60.29)	.13	1.4417	.1833	-.5299	.0021	.0027	-.0068
.205	2.90 (60.57)	2.24	1.6636	.2028	-.5085	.0010	.0026	-.0079
.205	2.89 (60.40)	4.22	1.8690	.2258	-.4743	.0016	.0030	-.0050
.205	2.89 (60.33)	6.23	2.0411	.2533	-.4462	.0014	.0023	-.0035
.205	2.89 (60.32)	8.21	2.2386	.2803	-.4016	.0015	.0028	-.0008
.205	2.89 (60.33)	10.43	2.4150	.3151	-.3604	.0017	.0027	-.0008
.205	2.89 (60.31)	12.28	2.5594	.3491	-.3055	.0022	.0038	-.0004
.205	2.89 (60.35)	14.48	2.5882	.3965	-.2723	-.0083	.0016	.0147
.204	2.88 (60.19)	15.37	2.5925	.4105	-.2458	-.0089	.0011	.0163
.205	2.89 (60.37)	16.35	2.5669	.4320	-.2353	-.0073	.0018	.0111
.205	2.89 (60.39)	17.36	2.5377	.4569	-.1979	-.0146	-.0011	.0105
.205	2.89 (60.44)	18.45	2.4368	.4822	-.1200	-.0237	-.0055	.0130
.205	2.89 (60.43)	19.40	2.3565	.5128	-.0631	-.0227	-.0076	.0153
.205	2.90 (60.49)	20.31	2.3230	.5477	-.0405	-.0189	-.0070	.0136
.205	2.90 (60.49)	22.42	2.2018	.6431	-.0124	-.0147	-.0047	.0138
.205	2.89 (60.35)	24.42	2.1161	.7211	-.0192	-.0128	-.0025	.0121
.205	2.90 (60.65)	26.33	2.0743	.7873	-.0073	-.0119	-.0017	.0105
.205	2.90 (60.64)	28.40	2.0393	.8437	-.0205	-.0122	-.0028	.0152

TABLE 275 .- TABULATED PRESSURE DATA FOR RUN 23 AT ALPHA = -3.966 DEGREES AND QINF = 2.90 KN/SQM ( 60.48 LB/SQFT )

*****											
* TAP ID	WING STATION A		* CP	* TAP ID	WING STATION B		* CP	* TAP ID	WING STATION C		* CP
* 114A	-.3662	128B	-.9627	* 214A	-.3669	255C	.5155	* 313A	-.5781	327E	-.3339
* 113A	-.3662	129B	-1.5611	* 213A	-.3901	254C	.6329	* 312A	-.5793	328E	-.2314
* 112A	.2780	157C	.4855	* 212A	-.3681	253C	.6329	* 311A	-.5830	329E	-.1312
* 111A	-.3362	156C	.5947	* 211A	-.3742	252C	.5920	* 310A	-.6323	330E	-.0763
* 110A	-.4789	155C	.7121	* 210A	-.3851	251C	.3463	* 309A	-.6238		
* 109A	-.4448	154C	.7449	* 209A	-.3681	243C	-2.4765	* 308A	-.6494		
* 108A	-.6835	153C	.8104	* 208A	-.3510	244C	-2.7457	* 301A	-.6153		
* 101A	-.0698	152C	-.0878	* 201A	-.3766	245C	-2.8471	* 302A	-.1635		
* 102A	.6377	144C	-3.3938	* 202A	.6206	246C	-2.3133	* 303A	.7144		
* 103A	.7229	145C	-3.7743	* 203A	.7741	247C	-1.7294	* 304A	.7570		
* 104A	.5098	146C	-3.7297	* 204A	.6547	248C	-1.2067	* 305A	.6377		
* 105A	.3223	147C	-2.3925	* 206A	.3223	249C	-.8390	* 307A	.1092		
* 106A	.1263	148C	-1.7015	* 207A	-.0783	250C	-.6351	* 345E	.1410		
* 107A	-.1039	149C	-1.1131	* 242B	.3900	264D	.3326	* 344E	.1349		
* 142B	-.0905	150C	-.7810	* 241B	.5019	263D	.6302	* 343E	.1056		
* 141B	.4773	151C	-.6284	* 240B	.3108	262D	.6930	* 342E	.0726		
* 140B	.4063	166D	.2562	* 239B	.2234	261D	.6657	* 341E	.0092		
* 139B	.3790	165D	.6930	* 238B	.0951	256D	-.9203	* 340E	-.0617		
* 138B	.3527	164D	.7967	* 237B	.0079	257D	-1.5767	* 339E	.2033		
* 137B	.4664	159D	-.9103	* 236B	-.2778	258D	-.7543	* 338E	.0922		
* 136B	.6247	160D	-.9293	* 235B	-.3632	259D	-.3342	* 337E	.8284		
* 135B	-.0932	161D	-.1202	* 234B	-.4572	260D	-.0400	* 336E	-.4292		
* 134B	-.3471	162D	-.1603	* 233B	-.4292			* 335E	-.5659		
* 133B	-.3772			* 232B	-.4255			* 334E	-.6343		
* 132B	-.3826			* 231B	-.4218			* 333E	-.6233		
* 131B	-.3690			* 230B	-.4450			* 332E	-.6355		
* 130B	-.4017			* 215B	-.4719			* 331E	-.6404		
* 115B	-.4263			* 216B	-.4874			* 314E	-.6147		
* 116B	-.4533			* 217B	-.7176			* 315E	-.5727		
* 117B	.5269			* 218B	-.7517			* 316E	-.5812		
* 118B	-.5982			* 219B	-.9733			* 317E	-.4107		
* 119B	-1.0415			* 220B	-1.1608			* 318E	-.5045		
* 120B	-1.0500			* 222B	-.7476			* 319E	-.5300		
* 121B	-.7866			* 223B	-.6863			* 320E	-.4874		
* 122B	-.7042			* 224B	-.7298			* 321E	-.4316		
* 123B	-.6607			* 225B	-.7376			* 322E	-.4304		
* 124B	-.6707			* 226B	-.9571			* 323E	-.4243		
* 125B	-.7186			* 227B	-.9627			* 324E	-.4072		
* 126B	-.7710			* 228B	-1.1376			* 325E	-.4255		
* 127B	-.8401			* 229B	-1.5500			* 326E	-.4060		

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TABLE 276 .- TABULATED PRESSURE DATA FOR RUN 23 AT ALPHA = .134 DEGREES AND QINF = 2.89 KN/SQM ( 60.45 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CF	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1482	1288	-1.1150	* 214A	-.2440	255C	.4964	* 313A	-.4553	327E	-.3686
* 113A	-.1755	129B	-1.6190	* 213A	-.3050	254C	.7067	* 312A	-.5139	328E	-.2574
* 112A	.2260	157C	.4718	* 212A	-.3356	253C	.7695	* 311A	-.4870	329E	-.2146
* 111A	-.2165	156C	.6002	* 211A	-.2867	252C	.8323	* 310A	-.6073	330E	-.1829
* 110A	-.2662	155C	.7641	* 210A	-.4794	251C	.8542	* 309A	-.5903		
* 109A	-.3600	154C	.8460	* 209A	-.4965	243C	-1.6804	* 308A	-.6158		
* 108A	-.1639	153C	.9170	* 208A	-.5391	244C	-2.8744	* 301A	-.7267		
* 101A	.4586	152C	-.0963	* 201A	.1090	245C	-3.1274	* 302A	.3648		
* 102A	.7059	144C	-3.2372	* 202A	.7486	246C	-2.5544	* 303A	.7656		
* 103A	.4331	145C	-4.0539	* 203A	.5951	247C	-1.8520	* 304A	.5439		
* 104A	.0493	146C	-3.9937	* 204A	.3648	248C	-1.2979	* 305A	.3563		
* 105A	-.1383	147C	-2.5299	* 206A	-.0786	249C	-.9010	* 307A	-.2406		
* 106A	-.2833	148C	-1.7951	* 207A	-.4794	250C	-.7126	* 345E	.1982		
* 107A	-.4282	149C	-1.2143	* 242B	.6712	264D	.2752	* 344E	.2483		
* 142B	.2915	150C	-.8330	* 241B	.5920	263D	.6876	* 343E	.2495		
* 141B	.5565	151C	-.6802	* 240B	.4527	262D	.7968	* 342E	.2324		
* 140B	.5346	166D	.2397	* 239B	.4500	261D	.8596	* 341E	.1787		
* 139B	.5374	165D	.6985	* 238B	.4090	256D	-.8430	* 340E	.1274		
* 138B	.5155	164D	.8405	* 237B	.3436	257D	-1.9367	* 339E	.2324		
* 137B	.4909	159D	-.8742	* 236B	.3082	258D	-1.0281	* 338E	.1323		
* 136B	.6084	160D	-1.0894	* 235B	.3497	259D	-.4695	* 337E	.8309		
* 135B	.2287	161D	-.1094	* 224B	.4804	260D	-.1194	* 336E	.1334		
* 134B	.3325	162D	-.1763	* 232B	.5610			* 335E	.3472		
* 133B	.1495			* 232B	-.4235			* 334E	.0871		
* 132B	-.3858			* 231B	-.6287			* 333E	-.5762		
* 131B	-.3749			* 230B	-1.1014			* 332E	-.7387		
* 130B	-.3803			* 215B	-1.3861			* 331E	-.9341		
* 119B	-.3721			* 216B	-1.0678			* 314E	-1.1466		
* 116B	-.4197			* 217B	-1.5795			* 315E	-.9911		
* 117B	-.7182			* 218B	-1.6903			* 316E	-1.0422		
* 118B	-1.3833			* 219B	-1.6391			* 317E	-1.1616		
* 119B	-1.7244			* 220B	-2.0058			* 318E	-1.1787		
* 120B	-1.6221			* 222B	-1.1295			* 319E	-1.2895		
* 121B	-1.2221			* 223B	-1.0716			* 320E	-.9484		
* 122B	-1.0069			* 224B	-1.0459			* 321E	-.8034		
* 123B	-.9389			* 225B	-1.0091			* 322E	-.7167		
* 124B	-.9077			* 226B	-1.1853			* 323E	-.6532		
* 125B	-.9155			* 227B	-1.1853			* 324E	-.5640		
* 126B	-.9445			* 228B	-1.3113			* 325E	-.5249		
* 127B	-.9957			* 229B	-1.6747			* 326E	-.4626		

TABLE 277 .- TAPULATED PRESSURE DATA FOR RUN 23 AT ALPHA = 4.225 DEGREES AND QINF = 2.89 KN/SQM ( 60.30 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1454	128B	-1.1368	214A	-.5150	255C	.5089	313A	-.6399	327E	-.3926
113A	-.1974	129B	-1.5771	213A	-.5493	254C	.7170	312A	-.6314	328E	-.3155
112A	.1804	157C	.4980	212A	-.5542	253C	.7854	311A	-.6020	329E	-.2934
111A	-.1919	156C	.6212	211A	-.5089	252C	.8566	310A	-.5855	330E	-.2640
110A	-.2179	155C	.7827	210A	-.3974	251C	.8703	309A	-.7222		
109A	-.0469	154C	.8621	209A	-.4572	243C	-1.7097	308A	-.8590		
108A	.3719	153C	.9470	208A	.1155	244C	-3.0143	301A	-.3376		
101A	.7053	152C	-.0222	201A	.6711	245C	-3.2579	302A	.7309		
102A	.4146	144C	-3.0419	202A	.6027	246C	-2.6578	303A	.5856		
103A	-.0811	145C	-3.9028	203A	.0898	247C	-1.8867	304A	.1240		
104A	-.5171	146C	-3.8368	204A	-.0811	248C	-1.2866	305A	-.0213		
105A	-.6026	147C	-2.4097	206A	-.5342	249C	-.9597	307A	-.6709		
106A	-.6890	148C	-1.7001	207A	-.9188	250C	-.6317	345E	.1767		
107A	-.7393	149C	-1.1368	242B	.7088	264D	.2707	344E	.2404		
142B	.2461	150C	-.7825	241B	.6540	263D	.6951	343E	.2416		
141B	.5993	151C	-.6350	240B	.4843	262D	.8046	342E	.2343		
140B	.5828	166D	.2707	239B	.4925	261D	.8785	341E	.1767		
139B	.5828	165D	.7142	238B	.4514	256D	-.7758	340E	.1265		
136B	.5609	164D	.8484	237B	.3861	257D	-1.7951	339E	.2649		
137B	.5390	159D	-.8384	236B	.3641	258D	-.9535	338E	.1841		
136B	.5910	160D	-1.0183	235B	.3971	259D	-.4484	337E	.8514		
135B	.2926	161D	-.0494	234B	.4792	260D	-.1444	336E	.1412		
134B	.3529	162D	-.1511	233B	.6102			335E	.2980		
133B	.5746			232B	.7804			334E	.4584		
132B	.7197			231B	.4659			333E	.7375		
131B	-.1153			230B	-1.7174			332E	.5245		
130B	-1.1118			215B	-3.8099			331E	-.6975		
115B	-.8572			216B	-2.2010			314E	-3.2614		
116B	-.5855			217B	-2.9105			315E	-2.2523		
117B	-1.4488			218B	-2.8678			316E	-2.0814		
118B	-2.2096			219B	-2.5173			317E	-2.1155		
119B	-2.3891			220B	-3.0302			318E	-1.8933		
120B	-2.2267			222B	-1.4754			319E	-2.1754		
121B	-1.6162			223B	-1.3536			320E	-1.3462		
122B	-1.2765			224B	-1.2787			321E	-1.0464		
123B	-1.1390			225B	-1.1938			322E	-.9019		
124B	-1.0685			226B	-1.3581			323E	-.8260		
125B	-1.0295			227B	-1.3346			324E	-.6889		
126B	-1.0150			228B	-1.4441			325E	-.6216		
127B	-1.0418			229B	-1.7559			326E	-.5126		

TABLE 278 .- TABULATED PRESSURE DATA FOR RUN 23 AT ALPHA = 8.275 DEGREES AND QINF = 2.89 KN/SQM ( 60.44 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0637	128B	-1.1355	* 214A	-.2270	255C	.5237	* 313A	-.4653	327E	-.4494
* 113A	-.1483	129B	-1.5235	* 213A	-.3932	254C	.7231	* 312A	-.4787	328E	-.3920
* 112A	.1440	157C	.5073	* 212A	-.3883	253C	.7832	* 311A	-.4396	329E	-.3773
* 111A	-.1456	156C	.6193	* 211A	-.3358	252C	.8487	* 310A	-.2749	330E	-.3541
* 110A	.0151	155C	.7750	* 210A	-.0788	251C	.8542	* 309A	-.1811		
* 109A	.3648	154C	.8542	* 209A	.1345	243C	-1.7027	* 308A	.0407		
* 108A	.6633	153C	.9307	* 208A	.6292	244C	-2.9475	* 301A	.4927		
* 101A	.5183	152C	-.0281	* 201A	.6462	245C	-3.1929	* 302A	.5865		
* 102A	-.4114	144C	-2.9183	* 202A	-.3773	246C	-2.5650	* 303A	-.1896		
* 103A	-1.0596	145C	-3.7638	* 203A	-1.0255	247C	-1.7845	* 304A	-.5649		
* 104A	-1.4178	146C	-3.6924	* 204A	-1.0034	248C	-1.1789	* 305A	-.6587		
* 105A	-1.3411	147C	-2.2718	* 206A	-1.1620	249C	-.7519	* 307A	-1.2387		
* 106A	-1.3240	148C	-1.5938	* 207A	-1.5799	250C	-.5534	* 345E	.1431		
* 107A	-1.1705	149C	-1.0451	* 242B	.6930	264D	.2860	* 344E	.2067		
* 142B	.5483	150C	-.7084	* 241B	.6930	263D	.6958	* 343E	.2140		
* 141B	.5947	151C	-.5701	* 240B	.5100	262D	.8023	* 342E	.2091		
* 140B	.5783	166D	.2751	* 239B	.5127	261D	.8624	* 341E	.1664		
* 139B	.5838	165C	.7122	* 238B	.4854	256D	-.7151	* 340E	.1211		
* 138B	.5674	164D	.8460	* 237B	.4535	257D	-1.6596	* 339E	.2873		
* 137B	.5592	159D	-.7831	* 236B	.4376	258D	-.9035	* 338E	.2250		
* 136B	.5728	160D	-.9715	* 235B	.4877	259D	-.4307	* 337E	.8481		
* 125B	.3543	161D	-.0248	* 234B	.5720	260D	-.1363	* 336E	.2067		
* 134B	.4226	162D	-.1430	* 233B	.6844			* 335E	.3582		
* 133B	.5783			* 232B	.7833			* 334E	.5145		
* 132B	.7531			* 231B	.5011			* 333E	.7173		
* 131B	.4936			* 230B	-1.4989			* 332E	.5903		
* 130B	-.8395			* 215B	-3.8775			* 331E	-.3541		
* 115B	-1.3257			* 216B	-3.1322			* 314E	-3.6063		
* 116B	-.9317			* 217B	-4.0960			* 315E	-3.0128		
* 117B	-2.3646			* 218B	-3.9169			* 316E	-2.9957		
* 118B	-3.2601			* 219B	-3.3028			* 317E	-2.9872		
* 119B	-3.3369			* 220B	-3.8913			* 318E	-2.5778		
* 120B	-2.9702			* 222B	-1.7443			* 319E	-2.7910		
* 121B	-1.9740			* 223B	-1.5570			* 320E	-1.7249		
* 122B	-1.5168			* 224B	-1.4522			* 321E	-1.2960		
* 123B	-1.3027			* 225B	-1.3328			* 322E	-1.0932		
* 124B	-1.1745			* 226B	-1.4488			* 323E	-.9589		
* 125B	-1.1009			* 227B	-1.3852			* 324E	-.7524		
* 126B	-1.0440			* 228B	-1.4655			* 325E	-.6351		
* 127B	-1.0619			* 229B	-1.7109			* 326E	-.5264		

TABLE 279 .- TABULATED PRESSURE DATA FOR RUN 23 AT ALPHA = 12.319 DEGREES AND QINF = 2.89 KN/SQM ( 60.40 LB/SQFT )

WING STATION A			WING STATION B			WING STATION C					
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP		
* 114A	.3543	128E	-1.1163	* 214A	.2795	255C	.5397	* 313A	-.2401	327E	-.6435
* 113A	.0668	129E	-1.4582	* 213A	-.1875	254C	.7256	* 312A	-.2853	328E	-.6044
* 112A	.1543	157C	.5315	* 212A	-.2340	253C	.7912	* 311A	-.2340	329E	-.5824
* 111A	.0586	156C	.6426	* 211A	-.1396	252C	.8540	* 310A	.0485	330E	-.5225
* 110A	.3643	155C	.7884	* 210A	.3387	251C	.8486	* 309A	.2875		
* 109A	.6289	154C	.8622	* 209A	.6118	243C	-1.5486	* 308A	.6033		
* 103A	.6289	153C	.9360	* 208A	.7227	244C	-2.6699	* 301A	.7227		
* 101A	-.2075	152C	.0231	* 201A	-.0283	245C	-2.8987	* 302A	-.3014		
* 102A	-1.6323	144C	-2.6447	* 202A	-1.9144	246C	-2.2928	* 303A	-1.2658		
* 103A	-2.3240	145C	-3.6418	* 203A	-2.2216	247C	-1.5017	* 304A	-1.4791		
* 104A	-2.4947	146C	-3.4097	* 204A	-2.1192	248C	-.9226	* 305A	-1.3767		
* 105A	-2.1619	147C	-2.1678	* 206A	-1.8888	249C	-.5923	* 307A	-1.7778		
* 106A	-1.9571	148C	-1.5129	* 207A	-2.2899	250C	-.4785	* 345E	.0936		
* 107A	-1.5986	149C	-.9840	* 242B	.7064	264D	.2500	* 344E	.1743		
* 142B	.5780	150C	-.6336	* 241B	.7256	263D	.6873	* 343E	.1841		
* 141B	.6354	151C	-.5042	* 240B	.5534	262D	.7939	* 342E	.1841		
* 140B	.6162	166D	.3320	* 239B	.5616	261D	.8568	* 341E	.1450		
* 139B	.6135	165D	.7338	* 236B	.5370	256D	-.6838	* 340E	.1120		
* 138B	.6080	164D	.8540	* 237B	.4995	257D	-1.6423	* 339E	.3015		
* 137B	.6026	159D	-.7474	* 236B	.5117	258D	-.9739	* 338E	.2611		
* 136B	.5944	160D	-.8947	* 235B	.5631	259D	-.5008	* 337E	.8455		
* 135B	.4522	161D	.0035	* 234B	.6474	260D	-.2286	* 336E	.2758		
* 134B	.5151	162D	-.0980	* 233B	.7367			* 335E	.4396		
* 133B	.6572			* 232B	.7721			* 334E	.5741		
* 132B	.7529			* 231B	.4885			* 333E	.7183		
* 131B	.5916			* 230B	-1.3587			* 332E	.5826		
* 130B	-.3596			* 215B	-3.8513			* 331E	-.2438		
* 115B	-.9391			* 216B	-4.0480			* 314E	-3.6447		
* 116B	-.9329			* 217B	-5.4220			* 315E	-3.5103		
* 117B	-3.0495			* 218B	-5.0294			* 316E	-3.8432		
* 118B	-4.0480			* 219B	-4.2528			* 317E	-3.6895		
* 119B	-4.0395			* 220B	-4.6369			* 318E	-3.1433		
* 120B	-3.3908			* 222B	-2.0228			* 319E	-3.2287		
* 121B	-2.2515			* 223B	-1.7784			* 320E	-1.9229		
* 122B	-1.6769			* 224B	-1.6244			* 321E	-1.4039		
* 123B	-1.4136			* 225B	-1.4069			* 322E	-1.1496		
* 124B	-1.2551			* 226B	-1.5218			* 323E	-.9919		
* 125B	-1.1469			* 227B	-1.3968			* 324E	-.8342		
* 126B	-1.0654			* 228B	-1.4191			* 325E	-.7853		
* 127B	-1.0565			* 229B	-1.5441			* 326E	-.7071		

TABLE 280 .-- TABULATED PRESSURE DATA FOR RUN 23 AT ALPHA = 16.297 DEGREES AND QINF = 2.90 KN/SqM ( 60.51 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5044	128B	-.8285	* 214A	.5510	255C	.5426	* 313A	.0531	327E	-.7852
* 113A	.2179	129B	-.9343	* 213A	.0238	254C	.7335	* 312A	-.1190	328E	-.6559
* 112A	.1906	157C	.4825	* 212A	-.1446	253C	.7936	* 311A	-.0787	329E	-.6156
* 111A	.1715	156C	.6053	* 211A	-.0177	252C	.8454	* 310A	.3136	330E	-.5693
* 110A	.5010	155C	.7608	* 210A	.5522	251C	.8563	* 309A	.5436		
* 109A	.6885	154C	.8400	* 209A	.7481	243C	-1.2282	* 308A	.7311		
* 108A	.5010	153C	.9191	* 208A	.2796	244C	-2.2564	* 301A	.5096		
* 101A	-.6661	152C	-.0659	* 201A	-1.1176	245C	-2.4079	* 302A	-1.6969		
* 102A	-2.4125	144C	-1.8803	* 202A	-2.4944	246C	-1.8933	* 303A	-2.8043		
* 103A	-2.8469	145C	-2.4480	* 203A	-3.5370	247C	-1.1782	* 304A	-2.3784		
* 104A	-2.8214	146C	-2.5337	* 204A	-3.0940	248C	-.7572	* 305A	-2.0802		
* 105A	-2.3869	147C	-1.4099	* 206A	-2.2762	249C	-.5445	* 307A	-2.3699		
* 106A	-1.9524	148C	-1.0513	* 207A	-2.7617	250C	-.4933	* 345E	.0848		
* 107A	-1.6457	149C	-.7316	* 242B	.7172	264D	.2642	* 344E	.1702		
* 142B	.3843	150C	-.6213	* 241B	.7417	263D	.6981	* 343E	.1861		
* 141B	.6408	151C	-.5879	* 240B	.5480	262D	.8045	* 342E	.1861		
* 140B	.6244	166D	.1360	* 239B	.5589	261D	.8591	* 341E	.1629		
* 139B	.6244	165D	.6790	* 238B	.5507	256D	-.7082	* 340E	.1007		
* 138B	.6080	164D	.8263	* 237B	.5265	257D	-1.7017	* 339E	.3179		
* 137B	.6217	159D	-.7127	* 236B	.5424	258D	-1.0078	* 338E	.2971		
* 136B	.6108	160D	-1.1381	* 235B	.5998	259D	-.5044	* 337E	.8402		
* 135B	.4743	161D	-.0767	* 234B	.6779	260D	-.2360	* 336E	.3362		
* 134B	.5507	162D	-.3819	* 233B	.7499			* 335E	.4899		
* 133B	.6708			* 232B	.7486			* 334E	.6071		
* 132B	.7417			* 231B	.4643			* 333E	.7071		
* 131B	.6053			* 230B	-1.2709			* 332E	.5473		
* 130B	-.1396			* 215B	-3.9299			* 331E	-.2251		
* 115B	-.7207			* 216B	-4.5933			* 314E	-3.6626		
* 116B	-.9046			* 217B	-6.0842			* 315E	-3.9970		
* 117B	-2.9492			* 218B	-5.5560			* 316E	-4.5933		
* 118B	-3.8948			* 219B	-4.8659			* 317E	-4.3378		
* 119B	-3.7499			* 220B	-4.9511			* 318E	-3.7329		
* 120B	-3.0344			* 222B	-2.0849			* 319E	-3.5540		
* 121B	-1.9802			* 223B	-1.7997			* 320E	-2.1228		
* 122B	-1.4366			* 224B	-1.6182			* 321E	-1.5076		
* 123B	-1.2061			* 225B	-1.4266			* 322E	-1.2855		
* 124B	-1.0457			* 226B	-1.4210			* 323E	-1.2062		
* 125B	-.9087			* 227B	-1.2651			* 324E	-1.0476		
* 126B	-.8252			* 228B	-1.2306			* 325E	-.9817		
* 127B	-.7918			* 229B	-1.2428			* 326E	-.8877		
*****											

TABLE 201 .- TABULATED PRESSURE DATA FOR RUN 23 AT ALPHA = 20.348 DEGREES AND QINF = 2.89 KN/SQM ( 60.46 LB/SQFT )

WING STATION A			WING STATION B			WING STATION C					
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP		
* 114A	.6612	128B	-.8166	* 214A	.5837	255C	.4947	* 313A	.2527	327E	-1.0138
* 113A	.4892	129B	-.9259	* 213A	.2454	254C	.6885	* 312A	.0121	328E	-.9405
* 112A	.2571	157C	.4837	* 212A	.0341	253C	.7513	* 311A	.1574	329E	-.8868
* 111A	.2516	156C	.6175	* 211A	.1245	252C	.8114	* 310A	.4825	330E	-.8245
* 110A	.6360	155C	.7759	* 210A	.6701	251C	.8223	* 309A	.6530		
* 109A	.6530	154C	.8524	* 209A	.7553	243C	-1.1138	* 308A	.7042		
* 108A	.1670	153C	.9316	* 208A	-.2081	244C	-2.0183	* 301A	.2949		
* 101A	-1.4700	152C	.0058	* 201A	-2.0157	245C	-2.1688	* 302A	-2.0413		
* 102A	-3.3969	144C	-1.6900	* 202A	-5.0681	246C	-1.7508	* 303A	-2.9109		
* 103A	-3.7550	145C	-2.4386	* 203A	-4.5991	247C	-1.2380	* 304A	-2.4164		
* 104A	-3.4737	146C	-2.3650	* 204A	-4.0961	248C	-.9092	* 305A	-1.9986		
* 105A	-2.4846	147C	-1.4320	* 206A	-2.7063	249C	-.8088	* 307A	-1.8878		
* 106A	-2.1947	148C	-1.0084	* 207A	-3.0388	250C	-.7565	* 345E	.0219		
* 107A	-1.7684	149C	-.7743	* 242B	.6967	264D	.1342	* 344E	.1245		
* 142B	.5302	150C	-.6628	* 241B	.7404	263D	.6640	* 343E	.1489		
* 141B	.6667	151C	-.6428	* 240B	.5520	262D	.7732	* 342E	.1465		
* 140B	.6367	166D	.1205	* 239B	.5575	261D	.8169	* 341E	.1269		
* 139B	.6394	165D	.6722	* 238B	.5465	256D	-1.0073	* 340E	.0781		
* 138B	.6285	164D	.8333	* 237B	.5397	257D	-2.2156	* 339E	.3260		
* 137B	.6339	159D	-.6940	* 236B	.5617	256D	-1.3840	* 338E	.3248		
* 136B	.6230	160D	-1.2113	* 235B	.6325	259D	-.7754	* 337E	.8340		
* 135B	.5220	161D	-.0007	* 234B	.7095	260D	-.4878	* 336E	.3553		
* 134B	.6012	162D	-.4499	* 233B	.7742			* 335E	.4970		
* 133B	.7049			* 232B	.7461			* 334E	.6093		
* 132B	.7432			* 231B	.4664			* 333E	.6960		
* 131B	.6285			* 230B	-1.1579			* 332E	.5751		
* 130B	.0140			* 215B	-3.9180			* 331E	-.0050		
* 115B	-.5348			* 216B	-4.9316			* 314E	-2.5978		
* 116B	-.9158			* 217B	-6.3896			* 315E	-2.8939		
* 117B	-3.2008			* 218B	-5.7501			* 316E	-3.2776		
* 118B	-3.9511			* 219B	-4.8975			* 317E	-2.8598		
* 119B	-3.8829			* 220B	-4.9316			* 318E	-2.0072		
* 120B	-3.0132			* 222B	-1.9537			* 319E	-1.6491		
* 121B	-1.9191			* 223B	-1.6215			* 320E	-1.2057		
* 122B	-1.3517			* 224B	-1.4219			* 321E	-1.2898		
* 123B	-1.1154			* 225B	-1.2057			* 322E	-1.2177		
* 124B	-.9571			* 226B	-1.1243			* 323E	-1.1469		
* 125B	-.8456			* 227B	-1.0452			* 324E	-1.0919		
* 126B	-.7843			* 228B	-1.0284			* 325E	-1.0614		
* 127B	-.7542			* 229B	-1.0853			* 326E	-1.0553		

TABLE 282 .- TABULATED PRESSURE DATA FOR RUN 23 AT ALPHA = 24.373 DEGREES AND QINF = 2.90 KN/SQM ( 60.48 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.6736	128B	-.7673	* 214A	.6141	255C	.4879	* 313A	.3651	327E	-.8754
* 113A	.7800	129B	-.7963	* 213A	.3541	254C	.7009	* 312A	.1697	328E	-.8302
* 112A	.3542	157C	.4388	* 212A	.1990	253C	.7637	* 311A	.2125	329E	-.7960
* 111A	.2750	156C	.5726	* 211A	.2723	252C	.8237	* 310A	.5665	330E	-.7679
* 110A	.7199	155C	.7445	* 210A	.7369	251C	.8374	* 309A	.7199		
* 109A	.5920	154C	.8237	* 209A	.7540	243C	-.7542	* 308A	.6091		
* 108A	-.2688	153C	.9029	* 208A	-.2688	244C	-1.5173	* 301A	-.0813		
* 101A	-2.3997	152C	-.0226	* 201A	-2.1696	245C	-1.6565	* 302A	-3.2094		
* 102A	-4.6584	144C	-1.5076	* 202A	-4.6243	246C	-1.3357	* 303A	-3.8572		
* 103A	-4.5669	145C	-2.1971	* 203A	-4.0447	247C	-.9880	* 304A	-3.1242		
* 104A	-4.3090	146C	-2.1224	* 204A	-3.4310	248C	-.8008	* 305A	-2.0843		
* 105A	-2.9282	147C	-1.3479	* 206A	-2.1440	249C	-.7506	* 307A	-2.1610		
* 106A	-2.5020	148C	-1.0181	* 207A	-2.3571	250C	-.7428	* 345E	.0147		
* 107A	-2.0076	149C	-.8420	* 242B	.7118	264D	.0866	* 344E	.1270		
* 142B	.3187	150C	-.8063	* 241B	.7445	263D	.6517	* 343E	.1477		
* 141B	.6626	151C	-.7985	* 240B	.5671	262D	.7691	* 342E	.1624		
* 140B	.6353	166D	.0236	* 239B	.5726	261D	.8264	* 341E	.1477		
* 139B	.6435	165D	.6490	* 238B	.5589	256D	-.9746	* 340E	.1087		
* 138B	.6244	164D	.8073	* 237B	.5397	257D	-2.1581	* 339E	.3236		
* 137B	.6381	159D	-.6860	* 236B	.5702	258D	-1.3802	* 338E	.3370		
* 136P	.6299	160D	-1.4282	* 235B	.6288	259D	-.8264	* 337E	.8107		
* 135B	.5726	161D	-.0029	* 234B	.7069	260D	-.5556	* 336E	.3931		
* 134B	.6408	162D	-.6481	* 233B	.7619			* 335E	.5350		
* 133B	.7418			* 232B	.7533			* 334E	.6398		
* 132B	.7609			* 231B	.5372			* 333E	.6935		
* 131B	.6572			* 230B	-.7411			* 332E	.5616		
* 130B	.1412			* 215B	-2.9423			* 331E	-.0146		
* 115B	-.4047			* 216B	-3.7720			* 314E	-2.8105		
* 116B	-1.0019			* 217B	-4.4794			* 315E	-3.4225		
* 117B	-3.5077			* 218B	-4.0788			* 316E	-3.7890		
* 118B	-4.2919			* 219B	-2.6469			* 317E	-3.4396		
* 119B	-3.9254			* 220B	-2.6043			* 318E	-2.4849		
* 120B	-3.0560			* 222B	-1.0471			* 319E	-2.0588		
* 121B	-1.8416			* 223B	-1.0069			* 320E	-1.2831		
* 122B	-1.2332			* 224B	-.9713			* 321E	-1.2184		
* 123B	-.8487			* 225B	-.8844			* 322E	-1.1745		
* 124B	-.7696			* 226B	-.8342			* 323E	-1.0756		
* 125B	-.7049			* 227B	-.8141			* 324E	-.9682		
* 126B	-.7283			* 228B	-.7774			* 325E	-.9413		
* 127B	-.7406			* 229B	-.7829			* 326E	-.9144		

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TABLE 283.- TABULATED PRESSURE DATA FOR RUN 23 AT ALPHA = 28.363 DEGREES AND QINF = 2.91 KN/SQM ( 60.80 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.6686	128B	-.7669	* 214A	.5870	255C	.4867	* 313A	.4292	327E	-.9674
* 113A	.7854	129B	-.7691	* 213A	.5409	254C	.6985	* 312A	.3344	328E	-.9042
* 112A	.4324	157C	.4406	* 212A	.3709	253C	.7637	* 311A	.3660	329E	-.9079
* 111A	.3835	156C	.5763	* 211A	.3806	252C	.8207	* 310A	.6438	330E	-.8763
* 110A	.7625	155C	.7528	* 210A	.7541	251C	.8397	* 309A	.7201		
* 109A	.5421	154C	.8343	* 209A	.6354	243C	-.7569	* 308A	.3810		
* 108A	-.4922	153C	.9130	* 208A	-.9500	244C	-1.5926	* 301A	-.7465		
* 101A	-2.3404	152C	-.0726	* 201A	-2.9847	245C	-1.7334	* 302A	-4.7989		
* 102A	-4.3242	144C	-1.4982	* 202A	-5.9011	246C	-1.4020	* 303A	-4.7735		
* 103A	-4.0359	145C	-2.1091	* 203A	-5.2313	247C	-1.0384	* 304A	-3.7053		
* 104A	-3.6036	146C	-2.1336	* 204A	-3.3662	248C	-.8722	* 305A	-2.3743		
* 105A	-2.2556	147C	-1.2679	* 206A	-2.4506	249C	-.8256	* 307A	-2.2301		
* 106A	-1.9673	148C	-.9841	* 207A	-2.5184	250C	-.8223	* 345E	-.0092		
* 107A	-1.9334	149C	-.8467	* 242B	.7094	264D	.0686	* 344E	.1001		
* 142B	.5465	150C	-.8145	* 241B	.7691	263D	.6524	* 343E	.1292		
* 141B	.6686	151C	-.8290	* 240B	.5845	262D	.7827	* 342E	.1462		
* 140B	.6415	166D	.0143	* 239B	.5899	261D	.8424	* 341E	.1377		
* 139B	.6388	165D	.6442	* 238B	.5709	256D	-1.0783	* 340E	.1171		
* 138B	.6279	164D	.8071	* 237B	.5482	257D	-2.2621	* 339E	.3357		
* 137B	.6415	159D	-.7347	* 236B	.5834	258D	-1.4685	* 338E	.3624		
* 136B	.6333	160D	-1.4740	* 235B	.6514	259D	-.8766	* 337E	.8044		
* 135B	.5790	161D	-.1273	* 234B	.7218	260D	-.5929	* 336E	.4279		
* 134B	.6632	162D	-.6793	* 233B	.7668			* 335E	.5640		
* 133B	.7474			* 232B	.7255			* 334E	.6502		
* 132B	.7555			* 231B	.5178			* 333E	.6818		
* 131B	.6632			* 230B	-.6941			* 332E	.5591		
* 130B	.2315			* 215B	-2.9103			* 331E	.0503		
* 115B	-.3034			* 216B	-3.8155			* 314E	-2.5084		
* 116B	-.8143			* 217B	-4.7481			* 315E	-3.1373		
* 117B	-2.8829			* 218B	-4.0953			* 316E	-3.6290		
* 118B	-3.3068			* 219B	-2.7303			* 317E	-3.0101		
* 119B	-2.5777			* 220B	-2.5523			* 318E	-2.1538		
* 120B	-1.7300			* 222B	-1.0529			* 319E	-1.6197		
* 121B	-1.1116			* 223B	-1.0052			* 320E	-1.2213		
* 122B	-.7868			* 224B	-.9686			* 321E	-1.2017		
* 123B	-.7436			* 225B	-.9065			* 322E	-1.1847		
* 124B	-.6915			* 226B	-.8955			* 323E	-1.0815		
* 125B	-.7225			* 227B	-.8190			* 324E	-.9467		
* 126B	-.7480			* 228B	-.8301			* 325E	-1.0159		
* 127B	-.7780			* 229B	-.8489			* 326E	-.9589		



TABLE 204.- NORMAL-CHRGD FORCE COEFFICIENT FDP RUN 23

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.966	-.07822	.71189	.32283	.07365	-.11739	.61121	.41307	.11886	-.14408	.28189
.134	-.02447	1.18965	.34881	.07852	-.07789	1.32528	.47166	.14576	-.11389	.77516
4.225	.02749	1.50446	.34042	.07670	-.04530	1.79100	.47896	.14408	-.09655	1.17515
8.275	.12850	1.76060	.32456	.07527	.09928	2.10646	.45989	.14025	.01163	1.40616
12.319	.27043	1.95414	.31334	.07327	.27828	2.40316	.41567	.14728	.14971	1.62319
16.297	.32013	1.75303	.25712	.08746	.41514	2.48449	.37169	.15071	.29996	1.84333
20.348	.39755	1.74754	.26144	.09136	.53847	2.38511	.37834	.18124	.31795	1.57694
24.373	.48848	1.68532	.26116	.10260	.47364	1.70494	.33847	.18389	.39433	1.59764
28.363	.42363	1.44353	.25954	.10583	.53644	1.73237	.35187	.19094	.47988	1.57045

TABLE 205.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 23

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.966	-.01137	-.01862	-.05568	-.00395	-.00174	-.01956	-.04992	-.01718	-.01397	-.04970
.134	.01312	-.03965	-.05669	-.00395	.00596	-.06364	-.04247	-.01958	-.00741	-.08624
4.225	.03691	-.07171	-.05445	-.00376	.03582	-.14400	-.04685	-.01802	.00544	-.15377
8.275	.05130	-.11791	-.05317	-.00346	.04850	-.19545	-.04829	-.01672	.03854	-.20014
12.319	.04436	-.13644	-.05024	-.00320	.04168	-.25437	-.04573	-.01601	.05161	-.22662
16.297	.02866	-.14149	-.03346	-.00304	.01309	-.29349	-.03571	-.01656	.04687	-.25563
20.348	.00335	-.14629	-.03064	-.00311	-.01649	-.31860	-.02330	-.02065	.03226	-.14095
24.373	-.02370	-.16372	-.02453	-.00327	-.03085	-.22164	-.01186	-.01968	.01662	-.18197
28.363	-.03804	-.11046	-.02372	-.00329	-.06769	-.22573	-.01105	-.02087	-.01044	-.15516

TABLE 236.- PITCHING-MOMENT COEFFICIENT FOR RUN 23

ALPHA	COMPONENT-STATION									
	L-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.966	.00456	-.38206	-.02044	-.00319	.00790	-.32382	-.03597	-.00526	.01053	-.17983
.134	.00046	-.53851	-.02195	-.00333	.00396	-.56276	-.03972	-.00629	.00735	-.32852
4.225	-.00288	-.60861	-.02141	-.00329	.00186	-.67021	-.03977	-.00638	.00546	-.40111
8.275	-.00901	-.66827	-.02037	-.00325	-.00789	-.74251	-.03784	-.00630	-.00232	-.45064
12.319	-.01764	-.71316	-.01966	-.00318	-.02017	-.80435	-.03393	-.00680	-.01154	-.52449
16.297	-.02006	-.61845	-.01733	-.00393	-.02861	-.79809	-.03103	-.00697	-.02128	-.59811
20.348	-.02416	-.61262	-.01781	-.00419	-.03594	-.73231	-.03338	-.00648	-.02186	-.60467
24.373	-.02888	-.57072	-.01843	-.00481	-.03095	-.56375	-.03084	-.00873	-.02579	-.57226
28.363	-.02450	-.54130	-.01852	-.00491	-.03409	-.57617	-.03223	-.00904	-.03018	-.58686

TABLE 287.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 23 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.205	2.89 (60.41)	-6.03	.3174	.1624	-.3549	.0045	.0025	-.0107
.205	2.89 (60.42)	-3.97	.7188	.1561	-.4418	.0066	.0015	-.0027
.205	2.89 (60.41)	-1.92	1.1446	.1646	-.5394	.0043	.0002	-.0002
.205	2.89 (60.40)	.13	1.4317	.1845	-.5444	.0014	.0017	-.0008
.205	2.89 (60.30)	2.16	1.6730	.2055	-.5273	.0006	.0021	-.0012
.205	2.88 (60.25)	4.23	1.8820	.2276	-.5004	.0007	.0017	.0002
.205	2.89 (60.45)	6.20	2.0518	.2523	-.4719	-.0037	.0006	-.0020
.205	2.89 (60.39)	8.28	2.2459	.2820	-.4228	.0007	.0023	-.0010
.205	2.89 (60.32)	10.29	2.4036	.3127	-.3753	.0010	.0023	-.0025
.205	2.89 (60.35)	12.32	2.5808	.3474	-.3236	-.0007	.0027	-.0009
.205	2.90 (60.51)	14.37	2.6389	.3838	-.2686	-.0066	.0019	.0102
.205	2.89 (60.46)	16.30	2.5732	.4403	-.2655	-.0028	.0021	.0019
.205	2.89 (60.41)	18.38	2.5856	.4961	-.1962	-.0077	.0013	.0042
.205	2.89 (60.41)	20.35	2.5585	.5774	-.1079	-.0187	-.0057	.0124
.205	2.90 (60.47)	22.46	2.4245	.6374	-.0009	.0100	.0083	-.0020
.205	2.89 (60.43)	24.37	2.2733	.7130	.0702	-.0102	-.0040	.0046
.205	2.90 (60.60)	26.38	2.2237	.7890	.0682	-.0122	-.0059	.0025
.205	2.91 (60.75)	28.36	2.1584	.8614	.0569	-.0125	-.0075	.0088

TABLE 228 .- TABULATED PRESSURE DATA FOR RUN 25 AT ALPHA = -3.859 DEGREES AND QINF = 2.89 KN/SQM ( 60.34 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.4515	128B	-.9270	214A	-.3921	255C	.5307	313A	-.5757	327E	-.3297
113A	-.4406	129B	-1.4430	213A	-.3921	254C	.6520	312A	-.5781	328E	-.2245
112A	-.5828	157C	.4814	212A	-.3652	253C	.6182	311A	-.5720	329E	-.1291
111A	-.4953	156C	.5881	211A	-.3738	252C	.5307	310A	-.6703	330E	-.0630
110A	-.5678	155C	.6948	210A	-.3884	251C	.2325	309A	-.6447		
109A	-.6019	154C	.7030	209A	-.3969	243C	-2.5801	308A	-.6447		
108A	-.6019	153C	.6839	208A	-.3969	244C	-2.6592	301A	-.6617		
101A	-.5507	152C	-.1041	201A	-.0980	245C	-2.7697	302A	-.2346		
102A	.3121	144C	-3.3297	202A	.5854	246C	-2.2538	303A	.6623		
103A	.6879	145C	-3.4767	203A	.7733	247C	-1.6942	304A	.7136		
104A	.6708	146C	-3.3672	204A	.6794	248C	-1.1638	305A	.6196		
105A	.5256	147C	-2.2627	206A	.2864	249C	-.8242	307A	.0643		
105A	.3462	148C	-1.5837	207A	-.0980	250C	-.5886	345E	.1242		
107A	-.0040	149C	-1.0755	242B	.3966	264D	.3419	344E	.1047		
142B	.3829	150C	-.7204	241B	.4595	263D	.6401	343E	.0814		
141B	.4459	151C	-.5986	240B	.2653	262D	.6948	342E	.0447		
140B	.3638	166D	.2790	239B	.1449	261D	.6675	341E	.0092		
139B	.3693	165D	.6811	238B	.0191	256D	-.9181	340E	-.1193		
138B	.3173	164D	.7742	237B	-.2649	257D	-1.5133	339E	-.0177		
137B	.3446	159D	-.5942	236B	-.3652	258D	-.7249	338E	-.0458		
136B	.7277	160D	-.8566	235B	-.4056	259D	-.3194	337E	-.0862		
135B	-.2162	161D	-.1240	234B	-.4496	260D	-.0302	336E	-.4753		
134B	-.3749	162D	-.1408	233B	-.4215			335E	-.5744		
133B	-.4652			232B	-.4264			334E	-.6209		
132B	-.5090			231B	-.4141			333E	-.6087		
131B	-.5227			230B	-.4276			332E	-.6234		
130B	-.5144			215B	-.4337			331E	-.6344		
115B	-.5309			216B	-.5251			314E	-.6087		
116B	-.6276			217B	-.6019			315E	-.5849		
117B	.2437			218B	-.7728			316E	-.6019		
118B	-.7301			219B	-.9266			317E	-.4055		
119B	-1.1486			220B	-.9863			318E	-.5165		
120B	-1.1145			222B	-.6791			319E	-.5165		
121B	-.8075			223B	-.6802			320E	-.4653		
122B	-.6757			224B	-.6958			321E	-.4337		
123B	-.6679			225B	-.7148			322E	-.4288		
124B	-.6657			226B	-.8890			323E	-.4154		
125B	-.7047			227B	-.9404			324E	-.3995		
126B	-.7316			228B	-1.1035			325E	-.4239		
127B	-.8064			229B	-1.4698			326E	-.4031		

TABLE 287 .- TABULATED PRESSURE DATA FOR RUN 25 AT ALPHA = .213 DEGREES AND QINF = 2.89 KN/SQM ( 60.30 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1649	128B	-1.1250	* 214A	-.2803	255C	.4676	* 313A	-.4677	327E	-.3673
* 113A	-.2252	129B	-1.6257	* 213A	-.3146	254C	.6866	* 312A	-.5118	328E	-.2644
* 112A	-.3566	157C	.4785	* 212A	-.3428	253C	.7468	* 311A	-.5167	329E	-.2191
* 111A	-.3319	156C	.5963	* 211A	-.3256	252C	.8317	* 310A	-.6201	330E	-.1848
* 110A	-.4662	155C	.7687	* 210A	-.5260	251C	.8126	* 309A	-.6286		
* 109A	-.4491	154C	.8536	* 209A	-.5089	243C	-1.7311	* 308A	-.6714		
* 108A	-.6372	153C	.9440	* 208A	-.5602	244C	-2.8719	* 301A	-.7654		
* 101A	-.0302	152C	-.0992	* 201A	-.1670	245C	-3.0765	* 302A	.3374		
* 102A	.6266	144C	-3.1521	* 202A	.7050	246C	-2.5277	* 303A	.7136		
* 103A	.6879	145C	-4.0354	* 203A	.5255	247C	-1.8459	* 304A	.4913		
* 104A	.4485	146C	-3.9203	* 204A	.3289	248C	-1.2993	* 305A	.3118		
* 105A	.2006	147C	-2.5031	* 206A	-.0644	249C	-.8970	* 307A	-.2781		
* 106A	-.0045	148C	-1.7732	* 207A	-.5089	250C	-.6969	* 345E	.2034		
* 107A	-.2952	149C	-1.1987	* 242B	.6346	264D	.2649	* 344E	.2462		
* 142B	.5552	150C	-.8187	* 241B	.5771	263D	.6620	* 343E	.2536		
* 141B	.5470	151C	-.6634	* 240B	.4238	262D	.7687	* 342E	.2352		
* 140B	.5305	166D	.2649	* 239B	.4183	261D	.9345	* 341E	.1801		
* 139B	.5333	165D	.7030	* 238B	.3936	256D	-.8366	* 340E	.1201		
* 138B	.5086	164D	.8536	* 237B	.3417	257D	-1.9152	* 339E	.0479		
* 137B	.4566	159D	-.5471	* 236B	.3075	258D	-1.0121	* 338E	.0123		
* 136B	.5442	160D	-1.0814	* 235B	.3491	259D	-.4622	* 337E	-.0183		
* 135B	.2513	161D	-.1124	* 234B	.4605	260D	-.1168	* 336E	.1397		
* 134B	.3909	162D	-.1615	* 233B	.4862			* 335E	.3626		
* 133B	-.1403			* 232B	-.3036			* 334E	.1115		
* 132B	-.4606			* 231B	-.5926			* 333E	-.5558		
* 131B	-.4634			* 230B	-1.1779			* 332E	-.7420		
* 130B	-.6304			* 215B	-1.6396			* 331E	-.9685		
* 115B	-.5428			* 216B	-1.0988			* 314E	-1.1436		
* 116B	-.5602			* 217B	-1.5433			* 315E	-1.0390		
* 117B	-.9620			* 218B	-1.7400			* 316E	-1.1415		
* 118B	-1.5775			* 219B	-1.6972			* 317E	-1.2099		
* 119B	-1.8084			* 220B	-1.9024			* 318E	-1.2698		
* 120B	-1.7143			* 222B	-1.1272			* 319E	-1.3211		
* 121B	-1.2882			* 223B	-1.0680			* 320E	-.9877		
* 122B	-1.0434			* 224B	-1.0400			* 321E	-.8056		
* 123B	-.9584			* 225B	-1.0087			* 322E	-.7322		
* 124B	-.9171			* 226B	-1.1753			* 323E	-.6563		
* 125B	-.9227			* 227B	-1.1853			* 324E	-.5681		
* 126B	-.9495			* 228B	-1.3195			* 325E	-.5313		
* 127B	-1.0065			* 229B	-1.6637			* 326E	-.4664		

TABLE 290 .- TABULATED PRESSURE DATA FOR RUN 25 AT ALPHA = 4.399 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1505	128B	-1.1303	* 214A	-.5242	255C	.4953	* 313A	-.6429	327E	-.3982
* 113A	-.2982	129B	-1.5436	* 213A	-.5622	254C	.6978	* 312A	-.6417	328E	-.3162
* 112A	-.3858	157C	.4899	* 212A	-.5622	253C	.7662	* 311A	-.6148	329E	-.2942
* 111A	-.3612	156C	.6130	* 211A	-.5279	252C	.8374	* 310A	-.6446	330E	-.2734
* 110A	-.3969	155C	.7744	* 210A	-.4652	251C	.8565	* 309A	-.7386		
* 109A	-.4738	154C	.8538	* 209A	-.5421	243C	-1.7266	* 308A	-.9437		
* 108A	-.2089	153C	.9414	* 208A	.0218	244C	-2.9924	* 301A	-.3883		
* 101A	.4319	152C	-.1012	* 201A	.3037	245C	-3.2382	* 302A	.6540		
* 102A	.6967	144C	-2.9744	* 202A	.5088	246C	-2.6439	* 303A	.5088		
* 103A	.3892	145C	-3.8514	* 203A	.0303	247C	-1.8687	* 304A	.0559		
* 104A	-.0209	146C	-3.7687	* 204A	-.2260	248C	-1.2543	* 305A	-.0978		
* 105A	-.2516	147C	-2.3624	* 206A	-.6105	249C	-.8332	* 307A	-.7386		
* 106A	-.4823	148C	-1.6833	* 207A	-1.0206	250C	-.6143	* 345E	.1746		
* 107A	-.7044	149C	-1.1169	* 242B	.6841	264D	.2518	* 344E	.2358		
* 142B	.4817	150C	-.7617	* 241B	.6130	263D	.6759	* 343E	.2431		
* 141B	.5911	151C	-.6288	* 240B	.4625	262D	.7327	* 342E	.2296		
* 140B	.5802	166D	.2737	* 239B	.4570	261D	.8593	* 341E	.1758		
* 139B	.5774	165D	.7142	* 238B	.4324	256D	-.7617	* 340E	.1195		
* 138B	.5610	164D	.8429	* 237B	.3814	257D	-1.7704	* 339E	.1048		
* 137B	.5419	159D	-.4970	* 236B	.3508	258D	-.9371	* 338E	.0730		
* 136B	.5282	160D	-1.0421	* 235B	.3973	259D	-.4300	* 337E	.0436		
* 135B	.2901	161D	-.0937	* 234B	.4720	260D	-.1306	* 336E	.1366		
* 134B	.3503	162D	-.1496	* 233B	.6053			* 335E	.2835		
* 133B	.6404			* 232B	.7804			* 334E	.4573		
* 132B	.3093			* 231B	.4646			* 333E	.7314		
* 131B	-.5226			* 230B	-1.7138			* 332E	.5344		
* 120B	-1.3955			* 215B	-3.8114			* 331E	-.7005		
* 115B	-1.1274			* 216B	-2.3363			* 314E	-3.2949		
* 116B	-.9266			* 217B	-2.9686			* 315E	-2.3192		
* 117B	-1.9604			* 218B	-2.8746			* 316E	-2.1056		
* 118B	-2.4986			* 219B	-2.5926			* 317E	-2.1654		
* 119B	-2.6012			* 220B	-3.0796			* 318E	-1.9775		
* 120B	-2.4047			* 222B	-1.4565			* 319E	-2.2423		
* 121B	-1.6430			* 223B	-1.3481			* 320E	-1.4050		
* 122B	-1.3046			* 224B	-1.2722			* 321E	-1.0762		
* 123B	-1.1493			* 225B	-1.2063			* 322E	-.9342		
* 124B	-1.0700			* 226B	-1.3426			* 323E	-.8473		
* 125B	-1.0343			* 227B	-1.3102			* 324E	-.7029		
* 126B	-1.0130			* 228B	-1.4208			* 325E	-.6307		
* 127B	-1.0410			* 229B	-1.7346			* 326E	-.5193		
*****											

TABLE 291 .- TABULATED PRESSURE DATA FOR RUN 25 AT ALPHA = 8.398 DEGREES AND QINF = 2.90 KN/SQM ( 60.47 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1396	129B	-1.1120	* 214A	-.2362	255C	.5293	* 313A	-.4609	327E	-.4584
* 113A	-.2570	129B	-1.4397	* 213A	-.3791	254C	.7231	* 312A	-.4670	328E	-.4011
* 112A	-.3334	157C	.5211	* 212A	-.3913	253C	.7859	* 311A	-.4340	329E	-.3791
* 111A	-.2707	156C	.6330	* 211A	-.3412	252C	.9514	* 310A	-.3084	330E	-.3656
* 110A	-.1550	155C	.7886	* 210A	-.0527	251C	.8542	* 309A	-.1635		
* 109A	.0496	154C	.8624	* 209A	.1519	243C	-1.7204	* 308A	.1093		
* 108A	.4076	153C	.9497	* 208A	.6379	244C	-2.9810	* 301A	.5099		
* 101A	.6975	152C	-.0458	* 201A	.3735	245C	-3.1953	* 302A	.6122		
* 102A	.3991	144C	-2.7333	* 202A	-.4448	246C	-2.5776	* 303A	-.1976		
* 103A	-.2146	145C	-3.5761	* 203A	-.8710	247C	-1.7930	* 304A	-.5812		
* 104A	-.3408	146C	-3.4981	* 204A	-.9989	248C	-1.1889	* 305A	-.6749		
* 105A	-.8028	147C	-2.1741	* 206A	-1.1353	249C	-.7487	* 307A	-1.2631		
* 106A	-.9903	148C	-1.5055	* 207A	-1.6297	250C	-.5570	* 345E	.1545		
* 107A	-1.1779	149C	-.9973	* 242B	.7040	264D	.2726	* 344E	.2180		
* 142B	.5156	150C	-.6585	* 241B	.6740	263D	.6904	* 343E	.2241		
* 141B	.6248	151C	-.5258	* 240B	.5102	262D	.7996	* 342E	.2168		
* 140B	.6003	166D	.2836	* 239B	.5184	261D	.8678	* 341E	.1704		
* 139B	.5948	165D	.7231	* 238B	.4938	256D	-.7198	* 340E	.1276		
* 138B	.5730	164D	.8569	* 237B	.4475	257D	-1.6749	* 339E	.1618		
* 137B	.5757	159D	-.4445	* 235B	.4329	258D	-.9049	* 338E	.1337		
* 136B	.5293	160D	-.9350	* 235B	.4866	259D	-.4345	* 337E	.1057		
* 135B	.3846	161D	-.0544	* 234B	.5758	260D	-.1358	* 336E	.2204		
* 134B	.4474	162D	-.1458	* 233B	.6869			* 335E	.3718		
* 133B	.6494			* 232B	.7870			* 334E	.5245		
* 132B	.7013			* 231B	.5052			* 333E	.7272		
* 131B	.0024			* 230B	-1.4939			* 332E	.5990		
* 130B	-1.5293			* 215B	-3.6895			* 331E	-.3327		
* 115B	-1.7995			* 216B	-3.1640			* 314E	-3.6025		
* 116B	-1.4421			* 217B	-4.1614			* 315E	-2.9850		
* 117B	-2.9755			* 218B	-3.9994			* 316E	-2.9850		
* 118B	-3.5988			* 219B	-3.3516			* 317E	-2.9594		
* 119B	-3.4368			* 220B	-3.9397			* 318E	-2.5332		
* 120B	-3.0191			* 222B	-1.7573			* 319E	-2.7549		
* 121B	-2.0103			* 223B	-1.5645			* 320E	-1.6808		
* 122B	-1.5233			* 224B	-1.4709			* 321E	-1.2765		
* 123B	-1.3071			* 225B	-1.3450			* 322E	-1.0921		
* 124B	-1.1856			* 226B	-1.4520			* 323E	-.9432		
* 125B	-1.0998			* 227B	-1.3907			* 324E	-.7515		
* 126B	-1.0430			* 228B	-1.4664			* 325E	-.6379		
* 127B	-1.0474			* 229B	-1.7105			* 326E	-.5341		



TABLE 292 .- TABULATED PRESSURE DATA FOR RUN 25 AT ALPHA = 12.462 DEGREES AND QINF = 2.89 KN/SQM ( 60.38 LB/SQFT )

*****													
* TAP ID	WING STATION A			* CP	* TAP ID	WING STATION B			* CP	* TAP ID	WING STATION C		* CP
	CP	TAP ID			CP	TAP ID				TAP ID	CP	TAP ID	
* 114A	.2687	128B		* -1.0596	* 214A	.2705	255C	.5230	* 313A	-2.2358	327E	-0.6516	*
* 113A	-.1305	129B		* -1.3320	* 213A	-.1807	254C	.7007	* 312A	-.2810	328E	-.6124	*
* 112A	-.2180	157C		* .5339	* 212A	-.2443	253C	.7746	* 311A	-.2272	329E	-.5709	*
* 111A	-.1305	156C		* .6406	* 211A	-.1220	252C	.8429	* 310A	.0651	330E	-.5342	*
* 110A	.1761	155C		* .7773	* 210A	.3469	251C	.8457	* 309A	.2786			*
* 109A	.4493	154C		* .6593	* 209A	.6285	243C	-1.5716	* 308A	.5774			*
* 108A	.6798	153C		* .9332	* 208A	.7311	244C	-2.5714	* 301A	.7054			*
* 101A	.4920	152C		* .0199	* 201A	.5091	245C	-2.8724	* 302A	-.3020			*
* 102A	-.4301	144C		* -2.5204	* 202A	-1.8985	246C	-2.2450	* 303A	-1.4119			*
* 103A	-1.1814	145C		* -3.3088	* 203A	-2.3425	247C	-1.4882	* 304A	-1.5229			*
* 104A	-1.6253	146C		* -3.2597	* 204A	-2.0949	248C	-.9112	* 305A	-1.3350			*
* 105A	-1.6339	147C		* -2.0240	* 206A	-1.8644	249C	-.5774	* 307A	-1.7875			*
* 106A	-1.6595	148C		* -1.3465	* 207A	-2.3254	250C	-.4736	* 345E	.0920			*
* 107A	-1.7619	149C		* -.8821	* 242B	.7007	264D	.2441	* 344E	.1678			*
* 142B	.5339	150C		* -.5741	* 241B	.7144	263D	.6816	* 343E	.1800			*
* 141B	.6351	151C		* -.4569	* 240B	.5421	262D	.7773	* 342E	.1849			*
* 140B	.6187	166D		* .3207	* 239B	.5394	261D	.8402	* 341E	.1482			*
* 139B	.6187	165D		* .7226	* 238B	.5339	256D	-.6790	* 340E	.1103			*
* 138B	.6050	164D		* .8457	* 237B	.5041	257D	-1.6311	* 339E	.1971			*
* 137B	.6132	159D		* -.4044	* 236B	.5151	258D	-.9659	* 338E	.1788			*
* 136B	.5695	160D		* -.8542	* 235B	.5665	259D	-.4915	* 337E	.1507			*
* 135B	.4710	161D		* .0075	* 234B	.6496	260D	-.2247	* 336E	.2852			*
* 134B	.5476	162D		* -.1164	* 233B	.7352			* 335E	.4381			*
* 133B	.6953			* .7695	* 232B	.7695			* 334E	.5738			*
* 132B	.7117			* .4784	* 231B	.4784			* 333E	.7193			*
* 131B	.2468			* -1.3596	* 230B	-1.3596			* 332E	.5848			*
* 130B	-1.2626			* -3.8544	* 215B	-3.8544			* 331E	-.2443			*
* 115B	-1.7630			* -4.1354	* 216B	-4.1354			* 314E	-3.6673			*
* 116B	-1.8985			* -5.4416	* 217B	-5.4416			* 315E	-3.4865			*
* 117B	-3.9049			* -5.0147	* 218B	-5.0147			* 316E	-3.8707			*
* 118B	-4.6562			* -4.2378	* 219B	-4.2378			* 317E	-3.6658			*
* 119B	-4.2976			* -4.6562	* 220B	-4.6562			* 318E	-3.1535			*
* 120B	-3.5463			* -2.0274	* 222B	-2.0274			* 319E	-3.2304			*
* 121B	-2.3756			* -1.7773	* 223B	-1.7773			* 320E	-1.8985			*
* 122B	-1.7305			* -1.6222	* 224B	-1.6222			* 321E	-1.3841			*
* 123B	-1.4403			* -1.4603	* 225B	-1.4603			* 322E	-1.1456			*
* 124B	-1.2728			* -1.5139	* 226B	-1.5139			* 323E	-.9915			*
* 125B	-1.1422			* -1.3923	* 227B	-1.3923			* 324E	-.8375			*
* 126B	-1.0406			* -1.4101	* 228B	-1.4101			* 325E	-.7861			*
* 127B	-1.0239			* -1.5206	* 229B	-1.5206			* 326E	-.7103			*
*****													

TABLE 293 .- TABULATED PRESSURE DATA FOR RUN 25 AT ALPHA = 16.489 DEGREES AND QINF = 2.89 KN/SQM ( 60.38 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.3611	128B	-.7186	* 214A	.5623	255C	.5307	* 313A	.0975	327E	-.7720
* 113A	.0084	129B	-.8269	* 213A	.0682	254C	.7248	* 312A	-.1067	328E	-.6607
* 112A	-.1502	157C	.4760	* 212A	-.1361	253C	.7850	* 311A	-.0492	329E	-.6350
* 111A	-.0217	156C	.5908	* 211A	-.0052	252C	.8506	* 310A	.3378	330E	-.5726
* 110A	.3122	155C	.7440	* 210A	.5683	251C	.8588	* 309A	.5683		
* 109A	.5769	154C	.8205	* 209A	.7476	243C	-1.1866	* 308A	.6964		
* 108A	.7049	153C	.9135	* 208A	.3463	244C	-2.2010	* 301A	.4061		
* 101A	.2439	152C	-.0326	* 201A	-.5160	245C	-2.4041	* 302A	-1.8564		
* 102A	-1.0453	144C	-1.5558	* 202A	-3.6067	246C	-1.8360	* 303A	-3.0261		
* 103A	-1.6003	145C	-2.1229	* 203A	-3.5725	247C	-1.1372	* 304A	-2.5138		
* 104A	-1.9418	146C	-2.1441	* 204A	-3.0688	248C	-.7287	* 305A	-2.2321		
* 105A	-1.7540	147C	-1.2343	* 206A	-2.4284	249C	-.5400	* 307A	-2.3260		
* 106A	-1.8137	148C	-.8827	* 207A	-2.8212	250C	-.4898	* 345E	.0877		
* 107A	-1.7881	149C	-.6539	* 242B	.7248	264D	.2518	* 344E	.1782		
* 142B	.5799	150C	-.5836	* 241B	.7440	263D	.6865	* 343E	.1868		
* 141B	.6483	151C	-.5512	* 240B	.5635	262D	.7877	* 342E	.1917		
* 140B	.6264	166D	.0795	* 239B	.5635	261D	.8506	* 341E	.1660		
* 139B	.6291	165D	.6701	* 238B	.5471	256D	-.6974	* 340E	.1036		
* 138B	.6127	164D	.8178	* 237B	.5305	257D	-1.6886	* 339E	.2272		
* 137B	.6291	159D	-.3793	* 236B	.5476	258D	-1.0044	* 338E	.2211		
* 136B	.6045	160D	-1.0847	* 235B	.6002	259D	-.4976	* 337E	.1917		
* 135B	.5033	161D	-.0254	* 234B	.6833	260D	-.2252	* 336E	.3531		
* 134B	.5717	162D	-.4161	* 233B	.7555			* 335E	.5011		
* 133B	.7057			* 232B	.7481			* 334E	.6197		
* 132B	.7002			* 231B	.4607			* 333E	.7078		
* 131B	.3201			* 230B	-1.2734			* 332E	.5464		
* 130B	-.9842			* 215B	-3.9443			* 331E	-.2290		
* 115B	-1.5229			* 216B	-4.7166			* 314E	-3.7169		
* 116B	-1.8650			* 217B	-6.1253			* 315E	-4.0933		
* 117B	-3.8628			* 218B	-5.6216			* 316E	-4.6312		
* 118B	-4.3836			* 219B	-4.8617			* 317E	-4.4007		
* 119B	-3.9738			* 220B	-4.9642			* 318E	-3.7518		
* 120B	-3.1371			* 222B	-2.1072			* 319E	-3.6067		
* 121B	-1.9945			* 223B	-1.8293			* 320E	-2.1467		
* 122B	-1.4364			* 224B	-1.6328			* 321E	-1.5437		
* 123B	-1.1718			* 225B	-1.4252			* 322E	-1.3199		
* 124B	-1.0200			* 226B	-1.4185			* 323E	-1.2220		
* 125B	-.8593			* 227B	-1.2633			* 324E	-1.0753		
* 126B	-.7376			* 228B	-1.2276			* 325E	-.9567		
* 127B	-.7276			* 229B	-1.2332			* 326E	-.9004		

TABLE 294 .- TABULATED PRESSURE DATA FOR RUN 25 AT ALPHA = 20.514 DEGREES AND QINF = 2.90 KN/SQM ( 60.57 LB/SQFT )

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WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5554	128B	-.7445	* 214A	.5819	255C	.4737	* 313A	.2527	327E	-1.0419
* 113A	.1902	129B	-.8858	* 213A	.2808	254C	.6863	* 312A	.0284	328E	-.9639
* 112A	-.1288	157C	.4791	* 212A	.0248	253C	.7572	* 311A	.1540	329E	-.9078
* 111A	.0484	156C	.6072	* 211A	.1235	252C	.8171	* 310A	.4237	330E	-.8432
* 110A	.4748	155C	.7626	* 210A	.6450	251C	.9226	* 309A	.6110		
* 109A	.6620	154C	.8389	* 209A	.7131	243C	-1.1537	* 308A	.6620		
* 108A	.5940	153C	.9234	* 208A	-.2571	244C	-2.0920	* 301A	.2450		
* 101A	-.3167	152C	.0075	* 201A	-1.6444	245C	-2.2289	* 302A	-2.1040		
* 102A	-1.8146	144C	-1.6007	* 202A	-5.1594	246C	-1.7849	* 303A	-3.0572		
* 103A	-2.4870	145C	-2.3068	* 203A	-4.6572	247C	-1.2997	* 304A	-2.3934		
* 104A	-2.6487	146C	-2.2033	* 204A	-4.1551	248C	-1.0204	* 305A	-2.0104		
* 105A	-2.2742	147C	-1.2619	* 206A	-2.7678	249C	-.8524	* 307A	-1.9167		
* 106A	-2.1976	148C	-.9771	* 207A	-3.0998	250C	-.7601	* 345E	.0101		
* 107A	-2.0699	149C	-.7834	* 242B	.6917	264D	.1138	* 344E	.1199		
* 142B	.5800	150C	-.6699	* 241B	.7353	263D	.6427	* 343E	.1442		
* 141B	.6536	151C	-.6332	* 240B	.5445	262D	.7599	* 342E	.1528		
* 140B	.6318	166D	.0893	* 239B	.5445	261D	.7980	* 341E	.1296		
* 139B	.6263	165D	.6781	* 238B	.5445	256D	-1.0750	* 340E	.0760		
* 138B	.6100	164D	.8253	* 237B	.5295	257D	-2.2211	* 339E	.2674		
* 137B	.6318	159D	-.3317	* 236B	.5600	258D	-1.3799	* 338E	.2735		
* 136B	.6100	160D	-1.1150	* 235B	.6258	259D	-.8113	* 337E	.2454		
* 135B	.5255	161D	-.0424	* 234B	.7050	260D	-.4630	* 336E	.3478		
* 134B	.6045	162D	-.4407	* 233B	.7696			* 335E	.5002		
* 133B	.7054			* 232B	.7489			* 334E	.6063		
* 132B	.6863			* 231B	.4697			* 333E	.6928		
* 131B	.3564			* 230B	-1.1639			* 332E	.5673		
* 130B	-.7966			* 215B	-3.9434			* 331E	-.0106		
* 115B	-1.4672			* 216B	-5.0317			* 314E	-2.6036		
* 116B	-2.0870			* 217B	-6.4445			* 315E	-2.9125		
* 117B	-4.1977			* 218B	-5.8573			* 316E	-3.2785		
* 118B	-4.6317			* 219B	-4.9551			* 317E	-2.8785		
* 119B	-4.2572			* 220B	-4.9721			* 318E	-2.0870		
* 120B	-3.2189			* 222B	-1.9585			* 319E	-1.5763		
* 121B	-1.9718			* 223B	-1.6380			* 320E	-1.2529		
* 122B	-1.3999			* 224B	-1.4255			* 321E	-1.2919		
* 123B	-1.1417			* 225B	-1.2218			* 322E	-1.2638		
* 124B	-.9893			* 226B	-1.1551			* 323E	-1.1492		
* 125B	-.8669			* 227B	-1.0360			* 324E	-1.0980		
* 126B	-.7901			* 228B	-1.0460			* 325E	-1.0761		
* 127B	-.7834			* 229B	-1.1373			* 326E	-1.0554		
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TABLE 295 .- TABULATED PRESSURE DATA FOR RUN 25 AT ALPHA = 24.543 DEGREES AND QINF = 2.90 KN/SQM ( 60.51 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.6001	128B	-.8309	214A	.5985	255C	.4774	313A	.3508	327E	-.8718
113A	.5701	129B	-.9367	213A	.4082	254C	.6820	312A	.1556	328E	-.8230
112A	-.0247	157C	.4419	212A	.2081	253C	.7557	311A	.1922	329E	-.7949
111A	.1254	156C	.5783	211A	.2654	252C	.8075	310A	.5242	330E	-.7644
110A	.6264	155C	.7448	210A	.7201	251C	.8239	309A	.6690		
109A	.7031	154C	.8348	209A	.6945	243C	-.8322	308A	.5668		
108A	.3197	153C	.9057	208A	-.4470	244C	-1.5515	301A	-.1318		
101A	-1.0773	152C	.0217	201A	-2.3977	245C	-1.7174	302A	-3.2070		
102A	-2.9174	144C	-1.7108	202A	-5.1237	246C	-1.3844	303A	-3.7863		
103A	-3.4285	145C	-2.4447	203A	-4.5359	247C	-.9946	304A	-3.1388		
104A	-3.3774	146C	-2.3467	204A	-3.7096	248C	-.8197	305A	-2.1336		
105A	-2.9174	147C	-1.4891	206A	-2.7981	249C	-.7719	307A	-2.2103		
106A	-2.4914	148C	-1.1650	207A	-2.4999	250C	-.7719	345E	.0263		
107A	-2.3722	149C	-.9300	242B	.7011	264D	.0763	344E	.1275		
142B	.5619	150C	-.8298	241B	.7366	263D	.6383	343E	.1520		
141B	.6629	151C	-.8142	240B	.5565	262D	.7611	342E	.1642		
140B	.6329	166D	.0599	239B	.5619	261D	.8211	341E	.1434		
139B	.6274	165D	.6547	238B	.5483	256D	-.9979	340E	.1080		
138B	.6192	164D	.8157	237B	.5424	257D	-2.1885	339E	.2825		
137B	.6493	159D	-.3219	236B	.5705	258D	-1.3955	338E	.2996		
136B	.6356	160D	-1.4301	235B	.6339	259D	-.8175	337E	.2301		
135B	.5783	161D	.0156	234B	.7096	260D	-.5513	336E	.3875		
134B	.6547	162D	-.6115	233B	.7730			335E	.5339		
133B	.7420			232B	.7433			334E	.6315		
132B	.6929			231B	.5302			333E	.6925		
131B	.4146			230B	-.8718			332E	.5571		
130B	-.6167			215B	-3.1280			331E	-.0433		
115B	-1.3943			216B	-4.0589			314E	-2.8937		
116B	-2.3211			217B	-4.9107			315E	-3.2666		
117B	-4.7148			218B	-4.2633			316E	-3.8800		
118B	-5.1407			219B	-3.1900			317E	-3.5137		
119B	-4.6211			220B	-2.9259			318E	-2.6277		
120B	-3.4066			222B	-1.7564			319E	-2.0314		
121B	-2.0827			223B	-1.3410			320E	-1.3414		
122B	-1.3532			224B	-.9979			321E	-1.1598		
123B	-1.0525			225B	-.9311			322E	-1.0890		
124B	-.8454			226B	-.8621			323E	-1.0195		
125B	-.7752			227B	-.8197			324E	-.9670		
126B	-.7808			228B	-.7975			325E	-.9560		
127B	-.7863			229B	-.7919			326E	-.9109		

TABLE 296 .- TABULATED PRESSURE DATA FOR RUN 25 AT ALPHA = 28.547 DEGREES AND QINF = 2.90 KN/SQM ( 60.63 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5480	128B	-.8328	* 214A	.5872	255C	.4827	* 313A	.4313	327E	-.9058
* 113A	.7305	129B	-.8840	* 213A	.5823	254C	.7005	* 312A	.3205	328E	-.8790
* 112A	.0633	157C	.4364	* 212A	.4082	253C	.7686	* 311A	.3412	329E	-.8546
* 111A	.2376	156C	.5725	* 211A	.4192	252C	.8258	* 310A	.6430	330E	-.8291
* 110A	.7195	155C	.7468	* 210A	.7620	251C	.8503	* 309A	.7280		
* 109A	.6515	154C	.8285	* 209A	.5664	243C	-.7807	* 308A	.3709		
* 108A	-.0457	153C	.9020	* 208A	-1.2614	244C	-1.5820	* 301A	-.7343		
* 101A	-1.9330	152C	.0334	* 201A	-3.4463	245C	-1.7676	* 302A	-4.5770		
* 102A	-4.1179	144C	-1.5976	* 202A	-6.4813	246C	-1.4242	* 303A	-4.7130		
* 103A	-4.3389	145C	-2.3234	* 203A	-5.6227	247C	-1.0518	* 304A	-3.6928		
* 104A	-4.1264	146C	-2.2333	* 204A	-3.4973	248C	-.8606	* 305A	-2.4006		
* 105A	-3.0127	147C	-1.4153	* 206A	-2.5621	249C	-.8128	* 307A	-2.2646		
* 106A	-2.7832	148C	-1.1307	* 207A	-2.6046	250C	-.9073	* 345E	.0039		
* 107A	-2.5451	149C	-.9573	* 242B	.7114	264D	.0933	* 344E	.1184		
* 142B	.5725	150C	-.8895	* 241B	.7795	263D	.6597	* 343E	.1415		
* 141B	.6760	151C	-.8929	* 240B	.5861	262D	.7849	* 342E	.1573		
* 140B	.6379	166D	.0171	* 239B	.5889	261D	.8366	* 341E	.1378		
* 139B	.6406	165D	.6542	* 238B	.5780	256D	-1.0763	* 340E	.1208		
* 138B	.6324	164D	.8094	* 237B	.5702	257D	-2.3245	* 339E	.3047		
* 137B	.6569	159D	-.3149	* 236B	.6055	258D	-1.4675	* 338E	.3327		
* 136B	.6569	160D	-1.5375	* 235B	.6639	259D	-.8606	* 337E	.3193		
* 135B	.6243	161D	.0286	* 234B	.7346	260D	-.5672	* 336E	.4192		
* 134B	.6978	162D	-.7184	* 233B	.7747			* 335E	.5568		
* 133B	.7604			* 232B	.7248			* 334E	.6457		
* 132B	.7087			* 231B	.5117			* 333E	.6834		
* 131B	.4691			* 230B	-.7280			* 332E	.5470		
* 130B	-.4023			* 215B	-3.0673			* 331E	.0319		
* 115B	-1.3417			* 216B	-4.0414			* 314E	-2.7507		
* 116B	-2.4601			* 217B	-5.0021			* 315E	-3.2167		
* 117B	-4.8830			* 218B	-4.2539			* 316E	-3.7183		
* 118B	-5.2231			* 219B	-2.8257			* 317E	-3.2763		
* 119B	-4.6365			* 220B	-2.7832			* 318E	-2.2136		
* 120B	-3.2933			* 222B	-1.0763			* 319E	-1.4824		
* 121B	-1.9154			* 223B	-1.0040			* 320E	-1.0573		
* 122B	-1.1807			* 224B	-.9785			* 321E	-1.0385		
* 123B	-.8551			* 225B	-.9584			* 322E	-.9861		
* 124B	-.7673			* 226B	-.9218			* 323E	-.9411		
* 125B	-.7384			* 227B	-.8440			* 324E	-.9155		
* 126B	-.7828			* 228B	-.8173			* 325E	-.9082		
* 127B	-.7939			* 229B	-.8340			* 326E	-.8997		

TABLE 297.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 25

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.859	-.11240	.69588	.30027	.07163	-.11895	.52243	.40135	.11688	-.13927	.14656
.213	-.06999	1.19640	.34681	.07954	-.07735	1.31036	.46482	.14202	-.11005	.68586
4.399	-.03238	1.52249	.33419	.07839	-.03508	1.78508	.47094	.13976	-.08884	1.09267
8.398	.03654	1.78377	.31444	.07685	.09692	2.12295	.46170	.13993	.01417	1.31279
12.462	.16240	2.00904	.29550	.07364	.27562	2.40758	.40892	.14530	.15204	1.53708
16.489	.20831	1.77700	.23718	.08719	.42483	2.49800	.36561	.14812	.32128	1.78710
20.514	.29667	1.81905	.25339	.08999	.54460	2.39960	.39004	.17783	.32153	1.52174
24.543	.39303	1.86611	.27713	.10265	.53890	1.88102	.34105	.18303	.39407	1.53138
28.547	.46677	1.82719	.27702	.10918	.56563	1.79080	.35279	.19112	.47646	1.44723

TABLE 298.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 25

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.859	-.01467	-.03428	-.05221	-.00221	.00074	-.01310	-.05078	-.01671	-.01512	-.04107
.213	-.00077	-.05746	-.05591	-.00217	.00238	-.06690	-.04291	-.01935	-.00826	-.08236
4.399	.02401	-.10748	-.05366	-.00193	.03020	-.14782	-.04736	-.01785	.00426	-.15039
8.398	.05215	-.16590	-.05064	-.00151	.04508	-.19842	-.04874	-.01687	.04017	-.19163
12.462	.06501	-.21284	-.04766	-.00133	.04834	-.25528	-.04588	-.01590	.05017	-.22110
16.469	.05792	-.21728	-.02802	-.00133	.02186	-.29772	-.03491	-.01648	.04427	-.25464
20.514	.04964	-.22967	-.02808	-.00102	-.01279	-.32214	-.02364	-.02109	.02971	-.13707
24.543	.02983	-.25568	-.02784	-.00141	-.03451	-.24245	-.01283	-.02008	.01626	-.18086
28.547	.00152	-.26097	-.02477	-.00147	-.08408	-.23906	-.01183	-.02137	-.00732	-.16415

TABLE 299.- PITCHING-MOMENT COEFFICIENT FOR RUN 25

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.859	.00695	-.38000	-.01931	-.00309	.00793	-.28465	-.03531	-.00521	.01023	-.11377
.213	.00330	-.54664	-.02181	-.00334	.00411	-.55565	-.03909	-.00610	.00705	-.28164
4.399	.00034	-.61787	-.02108	-.00321	.00108	-.66151	-.03893	-.00613	.00484	-.35611
8.398	-.00398	-.67131	-.01982	-.00330	-.00765	-.74590	-.03798	-.00624	-.00254	-.41105
12.462	-.01208	-.71526	-.01859	-.00321	-.01996	-.80495	-.03326	-.00670	-.01152	-.48564
16.489	-.01454	-.61225	-.01625	-.00396	-.02962	-.80129	-.03048	-.00680	-.02269	-.56823
20.514	-.01978	-.62275	-.01751	-.00410	-.03652	-.73533	-.03445	-.00819	-.02205	-.58027
24.543	-.02497	-.62107	-.01924	-.00476	-.03600	-.60311	-.03103	-.00864	-.02595	-.54144
28.547	-.02839	-.60830	-.01958	-.00513	-.03563	-.59056	-.03215	-.00898	-.03023	-.53069



TABLE 300.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 25 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.89 (60.28)	-5.92	.1829	.1728	-.3006	.0039	.0033	-.0133
.203	2.89 (60.29)	-3.86	.6436	.1587	-.4120	.0037	.0022	-.0051
.203	2.89 (60.39)	-1.77	1.0578	.1641	-.5124	.0075	.0016	-.0041
.203	2.88 (60.25)	.21	1.4258	.1836	-.5448	.0004	.0019	.0004
.203	2.88 (60.23)	2.26	1.6656	.2013	-.5262	.0006	.0023	-.0021
.203	2.89 (60.28)	4.40	1.8651	.2256	-.4936	.0003	.0024	.0007
.203	2.90 (60.53)	6.36	2.0509	.2479	-.4657	.0011	.0018	.0046
.203	2.89 (60.42)	8.40	2.2294	.2760	-.4197	.0005	.0024	.0027
.203	2.89 (60.36)	10.47	2.3969	.3034	-.3762	-.0012	.0013	.0010
.203	2.89 (60.33)	12.46	2.5785	.3407	-.3330	-.0008	.0027	.0043
.203	2.88 (60.15)	14.46	2.6804	.3736	-.2829	-.0044	.0007	.0130
.203	2.89 (60.32)	16.49	2.6664	.4252	-.2508	-.0164	-.0015	.0270
.203	2.89 (60.35)	18.53	2.5819	.4898	-.2310	-.0087	.0009	.0017
.203	2.90 (60.52)	20.51	2.5478	.5709	-.1663	-.0196	-.0072	.0100
.203	2.89 (60.36)	22.52	2.5819	.6331	-.1184	-.0215	-.0094	.0072
.203	2.89 (60.46)	24.54	2.3434	.6979	.0363	-.0114	-.0064	.0016
.204	2.91 (60.84)	26.55	2.3061	.7716	.0736	-.0086	-.0044	.0009
.204	2.90 (60.58)	28.55	2.3163	.8492	.1117	-.0081	-.0034	.0051

TABLE 301 .- TABULATED PRESSURE DATA FOR RUN 34 AT ALPHA = -3.938 DEGREES AND QINF = 2.89 KN/SQM ( 60.39 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.4504	1288	-.9244	* 214A	-.3971	255C	.5393	* 313A	-.6600	328E	-.2480
* 113A	-.4504	129B	-1.4344	* 213A	-.3837	254C	.6459	* 312A	-.6551	329E	-.1391
* 112A	-.5898	157C	.4846	* 212A	-.3641	253C	.6514	* 311A	-.6637	330E	-.0633
* 111A	-.4750	156C	.6022	* 211A	-.3788	252C	.5666	* 310A	-.7629		
* 110A	-.5865	155C	.6842	* 210A	-.4129	251C	.2030	* 309A	-.7287		
* 109A	-.5751	154C	.7170	* 209A	-.4044	243C	-2.5281	* 308A	-.7202		
* 108A	-.5751	153C	.6732	* 205A	-.4214	244C	-2.3171	* 301A	-.7372		
* 101A	-.4982	152C	-.1168	* 201A	-.6092	245C	-2.7713	* 302A	-.2678		
* 102A	.3553	144C	-3.3264	* 202A	.5602	246C	-2.1731	* 303A	.6541		
* 103A	.7309	145C	-3.5212	* 203A	.7394	247C	-1.6252	* 304A	.7309		
* 104A	.4968	146C	-3.3862	* 204A	.6370	248C	-1.1554	* 305A	.5943		
* 105A	.5175	147C	-2.2222	* 206A	.3041	249C	-.7793	* 307A	.0310		
* 106A	.3383	148C	-1.5716	* 207A	-.0629	250C	-.6097	* 345E	.1910		
* 107A	-.0117	149C	-1.0594	* 242B	.3971	264D	.3507	* 344E	.1885		
* 142B	.3944	150C	-.7201	* 241B	.4655	263D	.6459	* 343E	.1629		
* 141B	.4491	151C	-.5739	* 240B	.2768	262D	.7197	* 342E	.1323		
* 140B	.3780	160D	.2850	* 239B	.1812	261D	.6459	* 341E	.0736		
* 139B	.3238	165D	.6842	* 238B	.0171	256D	-.8953	* 340E	-.0083		
* 138B	.3042	164D	.7717	* 237B	-.1746	257D	-1.4790	* 339E	-.1074		
* 137B	1.1330	159D	.2709	* 236B	-.3507	258D	-.7279	* 338E	-.1819		
* 136B	.0062	160D	-.8418	* 235B	-.3519	259D	-.3162	* 336E	-.5634		
* 135B	-.1742	161D	-.1197	* 234B	-.4595	260D	-.0204	* 335E	-.7444		
* 134B	-.3957	162D	-.1209	* 233B	-.4277			* 334E	-.7859		
* 133B	-.4613			* 232B	-.4093			* 333E	-.7419		
* 132B	-.5050			* 231B	-.4167			* 332E	-.7248		
* 131B	-.5023			* 230B	-.4229			* 331E	-.7236		
* 130B	-.5132			* 215B	-.4387			* 314E	-.7126		
* 115B	-.5214			* 216B	-.5068			* 315E	-.7116		
* 116B	-.6177			* 217B	-.6434			* 316E	-.7629		
* 117B	.3041			* 218B	-.7372			* 317E	-.1508		
* 118B	-.7543			* 219B	-.8653			* 318E	-.5153		
* 119B	-1.1470			* 220B	-1.0701			* 319E	-.4300		
* 120B	-1.1640			* 222B	-.6610			* 320E	-.4697		
* 121B	-.7536			* 223B	-.6733			* 321E	-.4118		
* 122B	-.6575			* 224B	-.6800			* 322E	-.4314		
* 123B	-.6342			* 225B	-.7134			* 323E	-.4179		
* 124B	-.6509			* 226B	-.8965			* 324E	-.4008		
* 125B	-.6945			* 227B	-.9210			* 325E	-.4314		
* 126B	-.7369			* 228B	-1.0717			* 326E	-.4142		
* 127B	-.7949			* 229B	-1.4745			* 327E	-.3470		

TABLE 302 .- TABULATED PRESSURE DATA FOR RUN 34 AT ALPHA = .296 DEGREES AND QINF = 2.89 KN/SQM ( 60.30 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1867	128B	-1.1135	214A	-.2716	255C	.4923	313A	-.4846	328E	-.2765
113A	-.1648	129B	-1.6153	213A	-.3144	254C	.7031	312A	-.6071	329E	-.2079
112A	-.3071	157C	.4923	212A	-.3499	253C	.7633	311A	-.5850	330E	-.1687
111A	-.3181	156C	.6073	211A	-.3242	252C	.8318	310A	-.6455		
110A	-.4489	155C	.7668	210A	-.5515	251C	.8290	309A	-.6626		
109A	-.4233	154C	.8537	209A	-.5344	243C	-1.6678	308A	-.7053		
108A	-.5942	153C	.9495	208A	-.5686	244C	-2.1495	301A	-.7994		
101A	.0640	152C	-.1128	201A	-.3036	245C	-3.1766	302A	.3632		
102A	.6880	144C	-3.1325	202A	.7478	246C	-2.5384	303A	.7564		
103A	.7135	145C	-3.9779	203A	.5598	247C	-1.8388	304A	.5341		
104A	.4743	146C	-3.8617	204A	.3461	248C	-1.2789	305A	.3461		
105A	.2264	147C	-2.4691	206A	-.1155	249C	-.8889	307A	-.2865		
106A	-.0044	148C	-1.7707	207A	-.5173	250C	-.6589	345E	.2194		
107A	-.3292	149C	-1.1884	242B	.6675	264D	.2787	344E	.2659		
142B	.5635	150C	-.8140	241B	.5963	263D	.6839	343E	.2659		
141B	.5580	151C	-.6665	240B	.4567	262D	.7962	342E	.2561		
140B	.5361	166D	.2596	239B	.4457	261D	.8728	341E	.1925		
139B	.5416	165D	.7086	238B	.3992	256D	-.8353	340E	.1251		
138B	.5197	154D	.8564	237B	.3516	257D	-1.9081	339E	.0553		
137E	.9358	159C	.2309	236B	.3174	258D	-1.0197	338E	-.0157		
136B	.2733	160D	-1.0800	235B	.3614	259D	-.4642	336E	.1263		
135B	.2568	161D	-.1267	234B	.4692	260D	-.1200	335E	.3320		
134B	.4047	162D	-.1558	233B	.6186			334E	.4459		
133B	-.0662			232B	-.3450			333E	-.5703		
132B	-.4604			231B	-.6046			332E	-.8287		
131B	-.4823			230B	-1.1213			331E	-1.2891		
130B	-.5836			215B	-1.3846			314E	-1.4813		
115B	-.5617			216B	-1.1498			315E	-1.0900		
116B	-.5686			217B	-1.5858			316E	-1.0985		
117B	-1.0387			218B	-1.7567			317E	-1.2610		
118B	-1.6029			219B	-1.6798			318E	-1.2524		
119B	-1.8593			220B	-1.9875			319E	-1.3464		
120B	-1.7653			222B	-1.1261			320E	-1.0387		
121B	-1.2845			223B	-1.0688			321E	-.8422		
122B	-1.0342			224B	-1.0308			322E	-.7479		
123B	-.9493			225B	-1.0174			323E	-.6928		
124B	-.9258			226B	-1.1649			324E	-.5985		
125B	-.9336			227B	-1.1772			325E	-.5691		
126B	-.9381			228B	-1.3046			326E	-.5042		
127B	-1.0018			229B	-1.6522			327E	-.4038		

TABLE 303 .- TABULATED PRESSURE DATA FOR RUN 34 AT ALPHA = 4.304 DEGREES AND QINF = 2.89 KN/SQM ( 60.44 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1566	128B	-1.1176	214A	-.5009	255C	.5099	313A	-.6535	328E	-.3163
113A	-.2959	129B	-1.5369	213A	-.5289	254C	.7175	312A	-.6315	329E	-.2931
112A	-.3751	157C	.5099	212A	-.5313	253C	.7858	311A	-.6107	330E	-.2735
111A	-.3041	156C	.6301	211A	-.5069	252C	.8595	310A	-.5735		
110A	-.3773	155C	.7885	210A	-.4115	251C	.8705	309A	-.6503		
109A	-.4797	154C	.2650	209A	-.5138	243C	-1.6590	308A	-.7697		
108A	-.1556	153C	.9524	208A	.0832	244C	-2.2148	301A	-.1641		
101A	.5182	152C	-.0911	201A	.4414	245C	-3.3399	302A	.7484		
102A	.7484	144C	-2.9319	202A	.5182	246C	-2.6174	303A	.5182		
103A	.4755	145C	-3.8383	203A	.0576	247C	-1.8457	304A	.0832		
104A	.0747	146C	-3.7190	204A	-.1812	248C	-1.2503	305A	-.0788		
105A	-.1812	147C	-2.3375	206A	-.5138	249C	-.8299	307A	-.6758		
106A	-.3944	148C	-1.6406	207A	-.9573	250C	-.6147	345E	.2066		
107A	-.6758	149C	-1.1065	242B	.7093	264D	.2722	344E	.2652		
142B	.5345	150C	-.7508	241B	.6437	263D	.6984	343E	.2689		
141B	.5973	151C	-.6092	240B	.4880	262D	.8076	342E	.2603		
140B	.5891	166D	.2859	239B	.4880	261D	.8732	341E	.1980		
139B	.5836	165D	.7120	238B	.4525	256D	-.7619	340E	.1382		
139B	.5618	164D	.8486	237B	.3947	257D	-1.7610	339E	.0856		
137B	.7257	159D	.2104	236B	.3678	258D	-.9325	338E	.0355		
136B	.3187	160D	-1.0139	235B	.4045	259D	-.4386	336E	.1699		
135B	.2968	161D	-.0985	234B	.4900	260D	-.1330	335E	.3116		
134B	.3706	162D	-.1375	233B	.6231			334E	.4814		
133B	.6574			232B	.7868			333E	.7478		
132B	.3351			231B	.4778			332E	.5535		
131B	-.5254			230B	-1.6833			331E	-.6803		
130B	-1.3831			215B	-3.7357			314E	-3.3337		
115B	-1.0799			216B	-2.2195			315E	-2.3133		
116B	-.8976			217B	-2.9189			316E	-2.1001		
117B	-1.9295			218B	-2.8336			317E	-2.1939		
118B	-2.5436			219B	-2.5180			318E	-1.9978		
119B	-2.5607			220B	-3.0297			319E	-2.3219		
120B	-2.3133			222B	-1.4321			320E	-1.4178		
121B	-1.6395			223B	-1.3172			321E	-1.1189		
122B	-1.2771			224B	-1.2537			322E	-.9735		
123B	-1.1377			225B	-1.2001			323E	-.8709		
124B	-1.0652			226B	-1.3328			324E	-.7194		
125B	-1.0195			227B	-1.3027			325E	-.6547		
126B	-1.0061			228B	-1.4109			326E	-.5411		
127B	-1.0284			229B	-1.7131			327E	-.4128		

TABLE 304 .- TABULATED PRESSURE DATA FOR RUN 34 AT ALPHA = 8.364 DEGREES AND QINF = 2.89 KN/SQM ( 60.46 LB/SQFT )

WING STATION A				WING STATION R				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1017	129B	-1.1048	* 214A	-.1706	255C	.5264	* 313A	-.4344	328E	-.3868
* 113A	-.2491	129B	-1.4437	* 213A	-.3672	254C	.7312	* 312A	-.4381	329E	-.3684
* 112A	-.3120	157C	.5291	* 212A	-.3721	253C	.7995	* 311A	-.3880	330E	-.3489
* 111A	-.2655	156C	.6466	* 211A	-.3313	252C	.8677	* 310A	-.2235		
* 110A	-.1638	155C	.7967	* 210A	.0067	251C	.8677	* 309A	-.0871		
* 109A	.0408	154C	.8677	* 209A	.1858	243C	-1.6418	* 308A	.2284		
* 108A	.4330	153C	.9579	* 208A	.7059	244C	-2.1939	* 301A	.5865		
* 101A	.7229	152C	-.0389	* 201A	.5098	245C	-3.2506	* 302A	.5353		
* 102A	.4160	144C	-2.7069	* 202A	-.2917	246C	-2.5294	* 303A	-.3087		
* 103A	-.1467	145C	-3.5471	* 203A	-.9312	247C	-1.7391	* 304A	-.6839		
* 104A	-.6072	146C	-3.4535	* 204A	-.9908	248C	-1.1616	* 305A	-.6839		
* 105A	-.7777	147C	-2.1504	* 206A	-1.1784	249C	-.7313	* 307A	-1.3063		
* 106A	-.8885	148C	-1.4905	* 207A	-1.6047	250C	-.5452	* 345E	.1848		
* 107A	-1.1358	149C	-.9866	* 242B	.7148	264D	.2779	* 344E	.2556		
* 142B	.5455	150C	-.6622	* 241B	.6875	263D	.6957	* 343E	.2630		
* 141B	.6220	151C	-.5296	* 240B	.5237	262D	.7995	* 342E	.2593		
* 140B	.6083	166D	.2861	* 239B	.5264	261D	.8650	* 341E	.2043		
* 139B	.6111	165D	.7148	* 238B	.5018	256D	-.7090	* 340E	.1616		
* 138B	.5892	164D	.8541	* 237B	.4523	257D	-1.6443	* 339E	.1274		
* 137B	.6329	159D	.1794	* 236B	.4437	258D	-.8974	* 338E	.0932		
* 136B	.3981	160D	-.9376	* 235B	.4975	259D	-.4226	* 336E	.2715		
* 135B	.3871	161D	-.0737	* 234B	.5829	260D	-.1327	* 335E	.4107		
* 134B	.4554	162D	-.1327	* 233B	.6892			* 334E	.5500		
* 133B	.6520			* 232B	.7857			* 333E	.7405		
* 132B	.7012			* 231B	.5097			* 332E	.6025		
* 131B	.0267			* 230B	-1.4639			* 331E	-.3159		
* 130B	-1.5135			* 215B	-3.8565			* 314E	-3.6159		
* 115B	-1.8002			* 216B	-3.1309			* 315E	-3.0201		
* 116B	-1.3916			* 217B	-4.0944			* 316E	-3.1480		
* 117B	-2.9007			* 218B	-3.9409			* 317E	-3.0883		
* 118B	-3.5743			* 219B	-3.2929			* 318E	-2.6790		
* 119B	-3.4890			* 220B	-3.9153			* 319E	-2.9639		
* 120B	-2.9433			* 222B	-1.7435			* 320E	-1.7497		
* 121B	-1.9999			* 223B	-1.5640			* 321E	-1.3504		
* 122B	-1.5083			* 224B	-1.4537			* 322E	-1.1672		
* 123B	-1.2965			* 225B	-1.3489			* 323E	-1.0243		
* 124B	-1.1723			* 226B	-1.4314			* 324E	-.8191		
* 125B	-1.0903			* 227B	-1.3712			* 325E	-.7104		
* 126B	-1.0368			* 228B	-1.4503			* 326E	-.5761		
* 127B	-1.0390			* 229B	-1.6900			* 327E	-.4625		

TABLE 305 .- TABULATED PRESSURE DATA FOR RUN 34 AT ALPHA = 12.443 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.2680	128B	-1.0380	214A	.2637	255C	.5307	313A	-.1672	328E	-.8660
113A	-.1206	129B	-1.2949	213A	-.1733	254C	.7195	312A	-.1990	329E	-.8256
112A	-.2082	157C	.5498	212A	-.2271	253C	.7907	311A	-.1782	330E	-.7216
111A	-.1097	156C	.6593	211A	-.1035	252C	.8536	310A	.1155		
110A	.1326	155C	.7989	210A	.3533	251C	.8563	309A	.3035		
109A	.4231	154C	.8728	209A	.6452	243C	-1.4972	308A	.6367		
108A	.6709	153C	.9439	208A	.6965	244C	-2.0032	301A	.7051		
101A	.5000	152C	.0381	201A	.5085	245C	-2.9572	302A	-.3459		
102A	-.4228	144C	-2.4851	202A	-1.9950	246C	-2.2344	303A	-1.4994		
103A	-1.1235	145C	-3.2554	203A	-2.3453	247C	-1.4390	304A	-1.4140		
104A	-1.5080	146C	-3.2029	204A	-2.0804	248C	-.8983	305A	-1.3114		
105A	-1.5250	147C	-1.9730	206A	-1.8939	249C	-.5632	307A	-1.6447		
106A	-1.6361	148C	-1.3597	207A	-2.3252	250C	-.4604	345E	.0495		
107A	-1.7472	149C	-.8503	242B	.7168	264D	.2515	344E	.1621		
142B	.5608	150C	-.5509	241B	.7277	263D	.6894	343E	.1792		
141B	.6429	151C	-.4481	240B	.5553	262D	.7907	342E	.1890		
140B	.6265	166D	.3200	239B	.5553	261D	.8454	341E	.1498		
139B	.6265	165D	.7250	238B	.5334	256D	-.5649	340E	.1217		
138B	.6128	164D	.8536	237B	.5146	257D	-1.6144	339E	.1094		
137B	.5854	159D	.1484	236B	.5194	258D	-.9531	338E	.1033		
136B	.4595	160D	-.8503	235B	.5696	259D	-.4805	336E	.3285		
135B	.4759	161D	.0000	234B	.6529	260D	-.2124	335E	.4717		
134B	.5361	162D	-.1186	233B	.7422			334E	.6027		
133B	.6867			232B	.7752			333E	.7422		
132B	.7058			231B	.4852			332E	.6125		
131B	.2543			230B	-1.3470			331E	-.1708		
130B	-1.2454			215B	-3.7973			314E	-3.4607		
115B	-1.7572			216B	-4.0029			315E	-3.3450		
116B	-1.8668			217B	-5.4384			316E	-3.6013		
117B	-3.8748			218B	-4.9585			317E	-3.4732		
118B	-4.5412			219B	-4.2422			318E	-2.9263		
119B	-4.3447			220B	-4.6865			319E	-2.9092		
120B	-3.5501			222B	-1.9998			320E	-1.6105		
121B	-2.3305			223B	-1.7462			321E	-1.1206		
122B	-1.7049			224B	-1.5965			322E	-1.0178		
123B	-1.4189			225B	-1.4323			323E	-.9749		
124B	-1.2469			226B	-1.4803			324E	-.9223		
125B	-1.1128			227B	-1.3608			325E	-.8978		
126B	-1.0179			228B	-1.3765			326E	-.8709		
127B	-1.0067			229B	-1.4703			327E	-.9101		

TABLE 306.- TABULATED PRESSURE DATA FOR RUN 34 AT ALPHA = 16.458 DEGREES AND QINF = 2.89 KN/SQM ( 60.34 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.3578	129B	-.7288	* 214A	.5630	255C	.5384	* 313A	.1763	328E	-.9324
* 113A	.0295	129B	-.7824	* 213A	.0160	254C	.7409	* 312A	-.0109	329E	-.8504
* 112A	-.1457	157C	.5028	* 212A	-.1259	253C	.7983	* 311A	.0380	330E	-.8308
* 111A	-.0171	156C	.6095	* 211A	.0001	252C	.8640	* 310A	.4055		
* 110A	.3116	155C	.7710	* 210A	.5849	251C	.8749	* 309A	.6276		
* 109A	.5849	154C	.8394	* 209A	.7729	243C	-1.0705	* 308A	.7302		
* 108A	.7302	153C	.9215	* 208A	.3201	244C	-1.5956	* 301A	.4482		
* 101A	.2518	152C	-.0472	* 201A	-.2608	245C	-2.2992	* 302A	-1.7473		
* 102A	-.8076	144C	-1.3085	* 202A	-3.5755	246C	-1.6972	* 303A	-2.9519		
* 103A	-1.6106	145C	-2.1272	* 203A	-3.5072	247C	-1.0974	* 304A	-2.3624		
* 104A	-1.8755	146C	-1.7877	* 204A	-3.0544	248C	-.6841	* 305A	-2.0463		
* 105A	-1.7559	147C	-1.1890	* 206A	-2.2941	249C	-.5177	* 307A	-2.1574		
* 106A	-1.7388	142C	-.9098	* 207A	-2.7212	250C	-.4764	* 345E	.0454		
* 107A	-1.7473	149C	-.6942	* 242B	.7327	264D	.2566	* 344E	.1629		
* 142B	.6013	150C	-.5959	* 241B	.7491	263D	.6944	* 343E	.1873		
* 141B	.6560	151C	-.5646	* 240B	.5630	262D	.8011	* 342E	.1971		
* 140B	.6424	166D	.1006	* 239B	.5685	261D	.8585	* 341E	.1567		
* 139B	.6396	165D	.6779	* 238B	.5575	256D	-.6707	* 340E	.1298		
* 138B	.6150	164C	.8312	* 237B	.5324	257D	-1.6749	* 339E	.1396		
* 137B	.5657	159D	.1089	* 236B	.5459	258D	-1.0203	* 338E	.1445		
* 136B	.4590	150D	-1.0606	* 235B	.6058	259D	-.4931	* 336E	.3892		
* 135B	.4864	161D	-.0263	* 234B	.6654	260D	-.2307	* 335E	.5275		
* 134B	.5657	162D	-.4016	* 233B	.7576			* 334E	.6548		
* 133B	.7026			* 232B	.7588			* 333E	.7429		
* 132B	.7053			* 231B	.4761			* 332E	.5973		
* 131B	.3386			* 230B	-1.2346			* 331E	-.1174		
* 130B	-.9775			* 215B	-3.8619			* 314E	-3.4251		
* 115B	-1.5247			* 216B	-4.5153			* 315E	-3.6951		
* 116B	-1.8157			* 217B	-5.9163			* 316E	-4.2163		
* 117B	-3.7379			* 218B	-5.4465			* 317E	-3.9258		
* 118B	-4.2334			* 219B	-4.7630			* 318E	-3.1911		
* 119B	-3.9600			* 220B	-4.9168			* 319E	-2.8408		
* 120B	-3.0288			* 222B	-2.0367			* 320E	-1.5765		
* 121B	-1.9653			* 223B	-1.7475			* 321E	-1.0988		
* 122B	-1.4236			* 224B	-1.5621			* 322E	-1.0266		
* 123B	-1.1510			* 225B	-1.3644			* 323E	-.9605		
* 124B	-.9947			* 226B	-1.3454			* 324E	-.9299		
* 125B	-.8495			* 227B	-1.1689			* 325E	-.9091		
* 126B	-.7210			* 228B	-1.0496			* 326E	-.9397		
* 127B	-.7266			* 229B	-1.1253			* 327E	-.9752		
*****											

TABLE 357 .- TABULATED PRESSURE DATA FOR RUN 34 AT ALPHA = 20.468 DEGREES AND QINF = 2.90 KN/SQM ( 60.63 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5667	128B	-.7728	* 214A	.5871	255C	.4878	* 313A	.3472	328E	-.9096
* 113A	.1828	129B	-.8451	* 213A	.2266	254C	.7029	* 312A	.1718	329E	-.8975
* 112A	-.1304	157C	.4878	* 212A	.0281	253C	.7519	* 311A	.2242	330E	-.8548
* 111A	.0820	156C	.6130	* 211A	.1085	252C	.8145	* 310A	.5688		
* 110A	.4923	155C	.7710	* 210A	.6793	251C	.8363	* 309A	.7219		
* 109A	.7133	154C	.8416	* 209A	.7814	243C	-.9119	* 308A	.6453		
* 108A	.6028	153C	.9126	* 208A	-.0264	244C	-1.3742	* 301A	.0927		
* 101A	-.2729	152C	.0112	* 201A	-1.1912	245C	-1.9444	* 302A	-2.7216		
* 102A	-1.7183	144C	-1.6608	* 202A	-4.5496	246C	-1.5109	* 303A	-3.4018		
* 103A	-2.3900	145C	-2.3257	* 203A	-4.0224	247C	-1.0529	* 304A	-2.7216		
* 104A	-2.5175	146C	-2.2746	* 204A	-3.7079	248C	-.8462	* 305A	-2.0669		
* 105A	-2.2625	147C	-1.3342	* 206A	-2.5260	249C	-.7183	* 307A	-1.9904		
* 106A	-2.1519	148C	-.9295	* 207A	-2.8406	250C	-.7106	* 345E	.0464		
* 107A	-2.0414	149C	-.7817	* 242B	.7165	264D	.1283	* 344E	.1657		
* 142B	.5994	150C	-.6416	* 241B	.7247	263D	.6566	* 343E	.1877		
* 141B	.6511	151C	-.6383	* 240B	.5449	262D	.7628	* 342E	.1986		
* 140B	.6348	166D	.1256	* 239B	.5667	261D	.8254	* 341E	.1670		
* 139B	.6430	165D	.6920	* 238B	.5531	256D	-.9540	* 340E	.1463		
* 138B	.6321	164D	.8390	* 237B	.5335	257D	-2.1623	* 339E	.1621		
* 137E	.5776	159D	.0642	* 236B	.5640	258D	-1.3475	* 338E	.1767		
* 136B	.5014	160D	-1.1708	* 235B	.6249	259D	-.7761	* 336E	.4142		
* 135B	.5422	161D	-.0958	* 234B	.7053	260D	-.4827	* 335E	.5482		
* 134B	.6185	162D	-.4371	* 233B	.7698			* 334E	.6517		
* 133B	.7247			* 232B	.7576			* 333E	.7272		
* 132B	.7029			* 231B	.4982			* 332E	.5957		
* 131B	.3761			* 230B	-1.0205			* 331E	-.0060		
* 130B	-.7785			* 215B	-3.6742			* 314E	-2.7096		
* 115B	-1.4538			* 216B	-4.5751			* 315E	-3.1637		
* 116B	-2.0754			* 217B	-5.9780			* 316E	-3.7589		
* 117B	-4.1075			* 218B	-5.2043			* 317E	-3.3337		
* 118B	-4.6091			* 219B	-4.3115			* 318E	-2.5090		
* 119B	-4.2010			* 220B	-4.3540			* 319E	-1.9904		
* 120B	-3.1297			* 222B	-1.7532			* 320E	-1.2507		
* 121B	-1.9967			* 223B	-1.4398			* 321E	-1.2092		
* 122B	-1.3753			* 224B	-1.2597			* 322E	-1.1910		
* 123B	-1.1263			* 225B	-1.0329			* 323E	-1.0765		
* 124B	-.9662			* 226B	-.9896			* 324E	-.9876		
* 125B	-.8462			* 227B	-.8628			* 325E	-1.0058		
* 126B	-.7395			* 228B	-.8517			* 326E	-.9681		
* 127B	-.7295			* 229B	-.8762			* 327E	-.9644		



TABLE 308.- TABULATED PRESSURE DATA FOR RUN 34 AT ALPHA = 24.498 DEGREES AND QINF = 2.90 KN/SQM ( 60.49 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.6081	123E	-.8583	214A	.6008	255C	.4935	313A	.4445	328E	-.7871
113A	.5672	129B	-.9430	213A	.3774	254C	.7064	312A	.2590	329E	-.7639
112A	-.0278	157C	.4471	212A	.2126	253C	.7637	311A	.2773	330E	-.7566
111A	.1332	156C	.5972	211A	.2346	252C	.8156	310A	.6092		
110A	.6432	155C	.7637	210A	.6659	251C	.8319	309A	.7455		
109A	.7455	154C	.8401	209A	.7285	243C	-.7811	308A	.5666		
108A	.3876	153C	.9138	208A	-.3112	244C	-1.1680	301A	-.2345		
101A	-1.0185	152C	.0322	201A	-1.8025	245C	-1.7240	302A	-3.5409		
102A	-3.0296	144C	-1.7827	202A	-4.8873	246C	-1.3353	303A	-4.1033		
103A	-3.3960	145C	-2.4682	203A	-4.4271	247C	-.9920	304A	-3.4216		
104A	-3.3704	146C	-2.4359	204A	-3.4642	248C	-.8350	305A	-2.2711		
105A	-2.8250	147C	-1.5034	206A	-2.2285	249C	-.7493	307A	-2.2626		
106A	-2.4757	148C	-1.1680	207A	-2.4331	250C	-.7625	345E	.0820		
107A	-2.3649	149C	-.9909	242B	.7118	264D	.0896	344E	.1958		
142P	.5945	150C	-.8862	241B	.7391	263D	.6527	343E	.2138		
141B	.6627	151C	-.8851	240B	.5754	262D	.7828	342E	.2251		
140B	.6382	166D	.0705	239B	.5863	261D	.8374	341E	.1892		
139B	.6354	155D	.6791	238B	.5672	256D	-.9937	340E	.1711		
135B	.6300	164D	-.8235	237B	.5459	257D	-2.1908	339E	.1919		
137B	.5863	159D	.0085	236B	.5764	258D	-1.3853	338E	.2114		
136B	.5481	160D	-1.5001	235B	.6423	259D	-.8294	336E	.4421		
135P	.5945	161D	.0051	234B	.7216	260D	-.5631	335E	.5678		
134B	.5654	162D	-.6299	233B	.7705			334E	.6643		
133B	.7610			232B	.7534			333E	.7119		
132E	.7173			231B	.5410			332E	.5776		
131B	.4307			230B	-.7395			331E	.0051		
130B	-.5873			215B	-2.9696			314E	-2.8011		
115B	-1.3679			216B	-3.7454			315E	-3.3534		
116P	-2.2882			217B	-4.7765			316E	-3.7880		
117B	-4.6401			218B	-4.0948			317E	-3.4642		
118B	-5.0918			219B	-2.8847			318E	-2.4331		
119B	-4.5720			220B	-2.7910			319E	-1.6746		
120B	-3.3960			222B	-1.1625			320E	-1.1463		
121B	-2.0360			223B	-1.0399			321E	-1.0446		
122B	-1.3474			224B	-.9664			322E	-1.0104		
123B	-1.0288			225B	-.9650			323E	-.9311		
124B	-.8349			226B	-.8639			324E	-.8957		
125B	-.7558			227B	-.7948			325E	-.8652		
126B	-.7814			228B	-.7837			326E	-.8408		
127B	-.8104			229B	-.7970			327E	-.8151		

TABLE 309.- TABULATED PRESSURE DATA FOR PUN 34 AT ALPHA = 25.522 DEGREES AND QINF = 2.90 KN/SQM ( 60.57 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5529	128B	-.8248	* 214A	.5916	255C	.4794	* 313A	.4709	328E	-.8066
* 112A	.7356	129B	-.8504	* 213A	.5977	254C	.7001	* 312A	.3002	329E	-.7749
* 112A	.0460	157C	.4494	* 212A	.4173	253C	.7628	* 311A	.3734	330E	-.7396
* 111A	.2395	156C	.5829	* 211A	.4319	252C	.8364	* 310A	.6510		
* 110A	.7191	155C	.7574	* 210A	.7702	251C	.8582	* 309A	.6681		
* 109A	.6595	154C	.8364	* 209A	.5574	243C	-.7799	* 308A	.2851		
* 109A	-.0383	153C	.9155	* 208A	-1.2638	244C	-1.2309	* 301A	-.9063		
* 101A	-1.9871	152C	.0460	* 201A	-3.0169	245C	-1.8028	* 302A	-5.2210		
* 102A	-4.0551	144C	-1.6085	* 202A	-6.4125	246C	-1.4501	* 303A	-5.3912		
* 103A	-4.2934	145C	-2.2734	* 203A	-5.5529	247C	-1.0751	* 304A	-3.7232		
* 104A	-4.0466	146C	-2.2378	* 204A	-3.5445	248C	-.8937	* 305A	-2.1744		
* 105A	-2.9488	147C	-1.4000	* 206A	-2.5403	249C	-.8114	* 307A	-2.2680		
* 106A	-2.7105	148C	-1.1219	* 207A	-2.5743	250C	-.8192	* 345E	.0820		
* 107A	-2.5233	149C	-.9516	* 242B	.7219	264D	.0923	* 344E	.1942		
* 142B	.5966	150C	-.8748	* 241B	.7874	263D	.6647	* 343E	.2149		
* 141B	.6865	151C	-.8860	* 240B	.5966	262D	.7901	* 342E	.2283		
* 140B	.6538	166D	.0242	* 239B	.5993	261D	.8446	* 341E	.1979		
* 139B	.6511	165D	.6729	* 238B	.5802	256D	-1.0996	* 340E	.1735		
* 138B	.6347	164D	.8255	* 237B	.5709	257D	-2.3691	* 339E	.2125		
* 137B	.5884	159D	-.0326	* 236B	.6099	258D	-1.5658	* 338E	.2454		
* 136B	.5666	160C	-1.5647	* 235B	.6720	259D	-.9193	* 336E	.4599		
* 135B	.6293	161D	-.0103	* 234B	.7391	260D	-.5711	* 335E	.5928		
* 134B	.7110	162D	-.7213	* 233B	.7793			* 334E	.6660		
* 133B	.7765			* 232B	.7306			* 333E	.7001		
* 132B	.7219			* 231B	.5233			* 332E	.5770		
* 131B	.4875			* 230B	-.7079			* 331E	.0516		
* 130B	-.3901			* 215B	-2.9911			* 314E	-2.2755		
* 115B	-1.3305			* 216B	-3.9871			* 315E	-3.2892		
* 116B	-2.4552			* 217B	-4.8466			* 316E	-3.7913		
* 117B	-4.8551			* 218B	-4.2253			* 317E	-3.0169		
* 118B	-5.1615			* 219B	-2.9148			* 318E	-1.1616		
* 119B	-4.5657			* 220B	-2.7701			* 319E	-1.1191		
* 120B	-3.2296			* 222B	-1.0896			* 320E	-.8212		
* 121B	-1.8829			* 223B	-.9950			* 321E	-1.0163		
* 122B	-1.1385			* 224B	-.9483			* 322E	-.8371		
* 123B	-.8676			* 225B	-.9216			* 323E	-.9370		
* 124B	-.7814			* 226B	-.9004			* 324E	-.8615		
* 125B	-.7513			* 227B	-.8404			* 325E	-.7688		
* 126B	-.8237			* 228B	-.8225			* 326E	-.7639		
* 127B	-.8148			* 229B	-.8248			* 327E	-.7420		

TABLE 810.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 34

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.833	-.11407	.68514	.29857	.07293	-.11534	.52554	.39371	.11676	-.14805	.07097
.296	-.07075	1.23096	.34509	.08178	-.07615	1.33578	.46224	.14523	-.12070	.73731
4.304	-.04115	1.51141	.33281	.07963	-.03950	1.77863	.46774	.14239	-.09114	1.13234
8.354	.03208	1.76679	.31390	.07788	.10284	2.11362	.45226	.13927	.02673	1.39937
12.443	.15505	1.97196	.29420	.07563	.27820	2.39428	.40383	.14510	.15620	1.53864
16.458	.20185	1.72819	.23734	.08840	.41297	2.42995	.35247	.14968	.31210	1.62272
20.468	.28980	1.78371	.25326	.09399	.49116	2.17131	.34856	.17863	.36386	1.55605
24.498	.39146	1.84121	.28552	.10727	.48838	1.75774	.34037	.18604	.43258	1.46008
28.522	.45965	1.81009	.27699	.11223	.56297	1.78548	.35311	.19554	.48787	1.31937

TABLE 311 .- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 34

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.838	-.01272	-.03746	-.05278	.00231	-.00664	-.01542	-.04724	-.01648	-.01540	-.04439
.296	.00088	-.06399	-.05534	.00193	.00118	-.06543	-.03671	-.01933	-.00698	-.08837
4.304	.02369	-.10572	-.05337	.00186	.03102	-.14392	-.04031	-.01776	.01653	-.15064
8.364	.05138	-.16329	-.05000	.00178	.04918	-.19604	-.04155	-.01662	.04231	-.19817
12.443	.06306	-.21073	-.04703	.00152	.04684	-.25391	-.04008	-.01583	.04734	-.18976
16.458	.05914	-.20953	-.02442	.00131	.02376	-.29158	-.02771	-.01629	.04107	-.20955
20.468	.05069	-.22622	-.02940	.00114	-.00124	-.29760	-.01502	-.01995	.02184	-.16371
24.498	.03066	-.24856	-.02796	.00028	-.02923	-.22944	-.00899	-.01993	.01180	-.17650
28.522	.00035	-.25478	-.02471	.00009	-.07851	-.23559	-.00858	-.02197	-.02024	-.15009

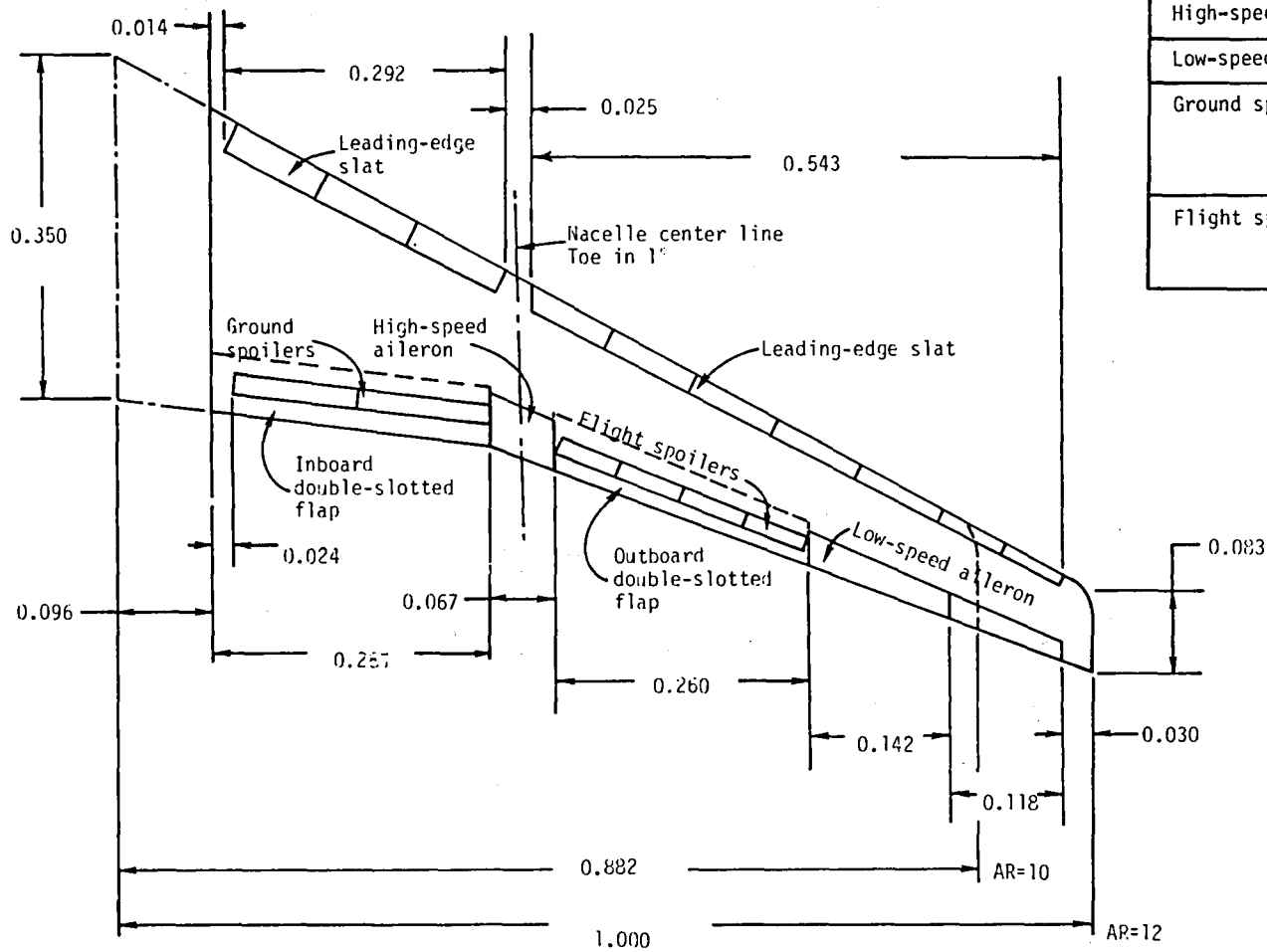
TABLE 312.- PITCHING-MOMENT COEFFICIENT FOR RUN 34

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.838	.00700	-.28522	-.01918	-.00306	.00786	-.28928	-.03481	-.00521	.01083	-.10200
.296	.00335	-.56438	-.02178	-.00335	.00387	-.56228	-.03923	-.00628	.00772	-.30193
4.304	.00097	-.61413	-.02103	-.00330	.00153	-.66305	-.03908	-.00631	.00509	-.37439
8.354	-.00367	-.66579	-.01986	-.00326	-.00830	-.74405	-.03751	-.00624	-.00322	-.44076
12.443	-.01164	-.69940	-.01855	-.00325	-.02007	-.79842	-.03312	-.00668	-.01169	-.52919
16.458	-.01415	-.59456	-.01660	-.00397	-.02853	-.77356	-.02984	-.00690	-.02188	-.55561
20.468	-.01940	-.60590	-.01740	-.00420	-.03323	-.66444	-.03124	-.00836	-.02433	-.56639
24.498	-.02480	-.61297	-.01998	-.00493	-.03180	-.57362	-.03125	-.00886	-.02835	-.51957
28.522	-.02791	-.60402	-.01959	-.00522	-.03559	-.58850	-.03232	-.00912	-.02982	-.49121

TABLE 313.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 34 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.89 (60.35)	-5.92	.1471	.1694	-.2620	.0030	.0017	-.0116
.203	2.89 (60.34)	-3.84	.5962	.1530	-.3381	.0041	.0017	-.0065
.203	2.88 (60.25)	-1.75	.9961	.1551	-.4133	.0049	.0016	-.0051
.203	2.88 (60.25)	.30	1.3764	.1703	-.4359	.0011	.0024	-.0038
.203	2.88 (60.24)	2.26	1.6014	.1855	-.4141	.0024	.0025	-.0057
.204	2.89 (60.39)	4.30	1.7933	.2058	-.3814	.0009	.0029	-.0042
.204	2.89 (60.40)	6.37	1.9718	.2297	-.3568	-.0005	.0024	-.0045
.204	2.89 (60.41)	8.36	2.1659	.2514	-.3052	.0005	.0032	-.0018
.203	2.89 (60.28)	10.42	2.3179	.2757	-.2611	-.0009	.0027	-.0014
.203	2.89 (60.28)	12.44	2.4866	.3149	-.2002	.0020	.0068	-.0021
.203	2.89 (60.33)	14.46	2.4818	.3558	-.1769	-.0087	.0046	.0117
.203	2.89 (60.29)	16.46	2.5441	.3983	-.1054	-.0153	.0017	.0196
.203	2.89 (60.29)	17.46	2.4813	.4306	-.1369	-.0101	.0023	.0029
.203	2.89 (60.33)	18.49	2.4732	.4630	-.0766	-.0217	-.0048	.0124
.204	2.90 (60.58)	20.47	2.4632	.5373	-.0234	-.0274	-.0072	.0154
.204	2.90 (60.56)	22.58	2.3803	.6128	.0682	-.0263	-.0101	.0068
.204	2.89 (60.44)	24.50	2.2844	.6726	.1411	-.0088	-.0001	.0026
.204	2.90 (60.58)	26.56	2.2856	.7449	.1693	-.0066	.0015	-.0024
.204	2.90 (60.52)	28.52	2.2670	.8253	.2260	-.0097	-.0031	.0074





Leading-edge slat	15.5% c
Inboard double-slotted flap	Constant chord 30% c at $\eta = 0.383$
Outboard double-slotted flap	30% c
High-speed aileron	30% c
Low-speed aileron	30% c
Ground spoilers	Constant chord L.E. 78.5% c, T.E. 90% c At $\eta = 0.383$
Flight spoilers	11.5% c L.E. 78.5% c T.E. 90% c

Figure 1. - Planform details of EET High-Lift Research Model.



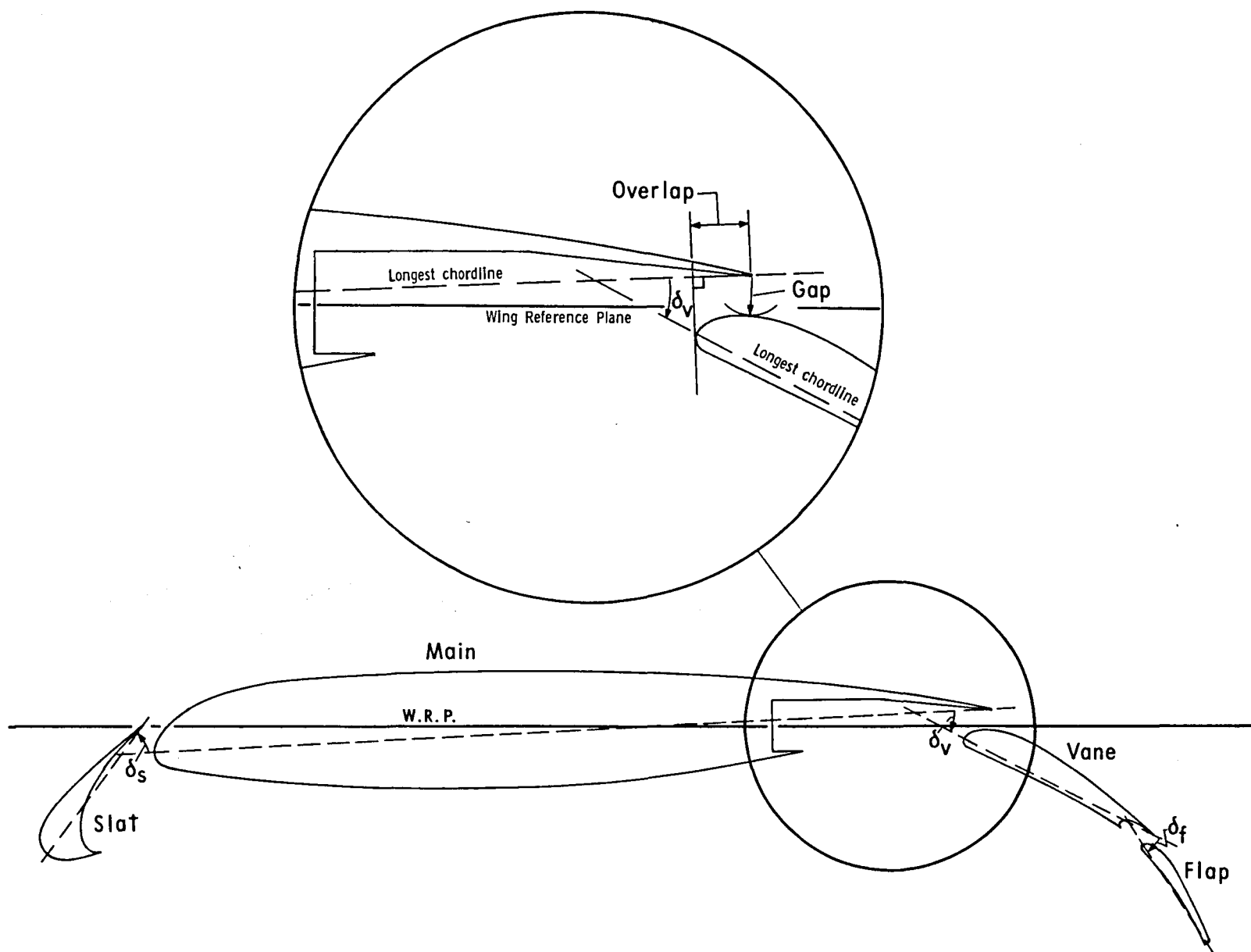


Figure 2. - Definition of gap, overlap, and deflection for slat, vane, and aft-flap.

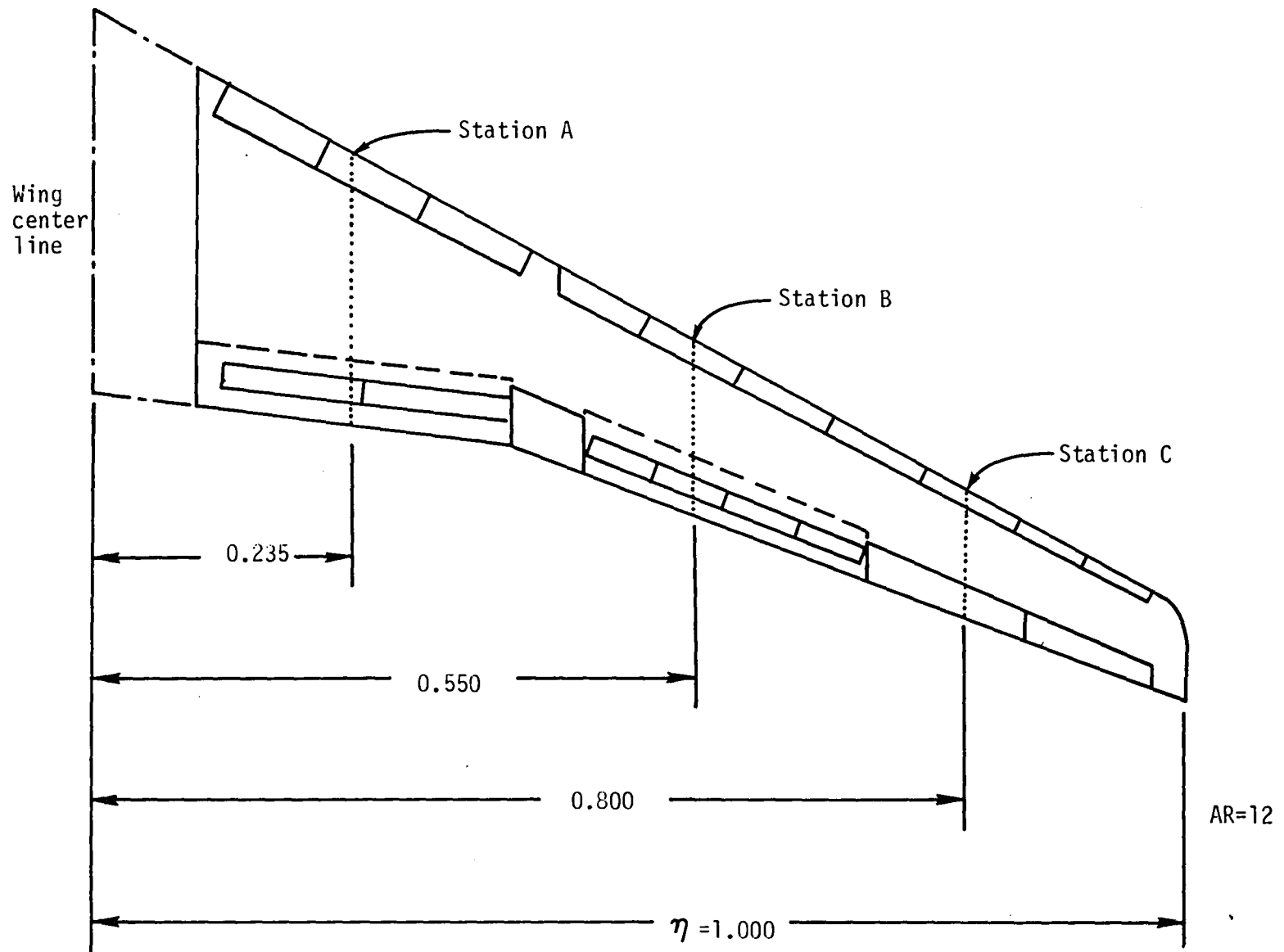


Figure 3. - Spanwise surface pressure tap stations.

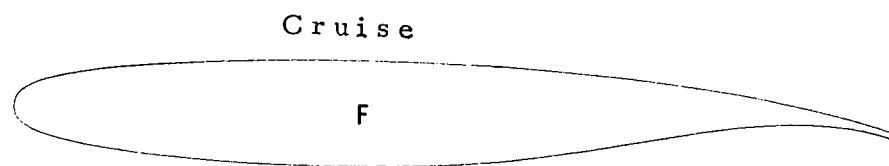
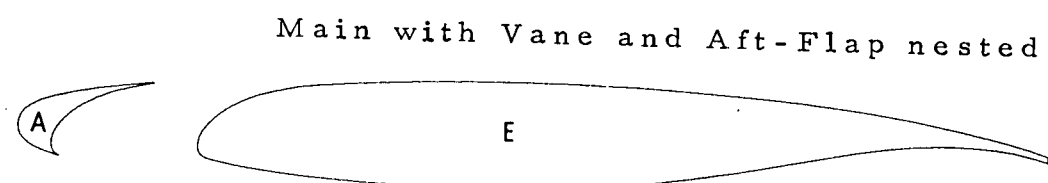
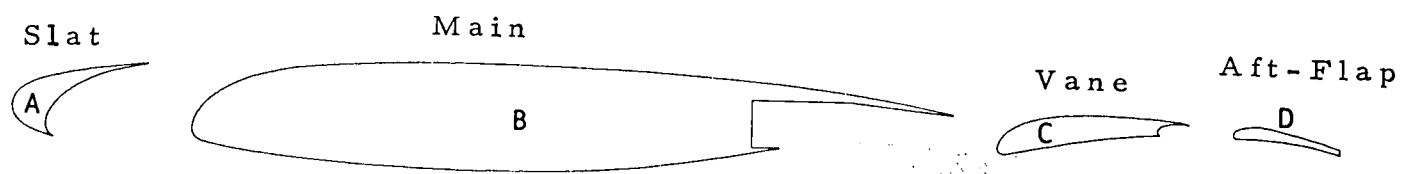


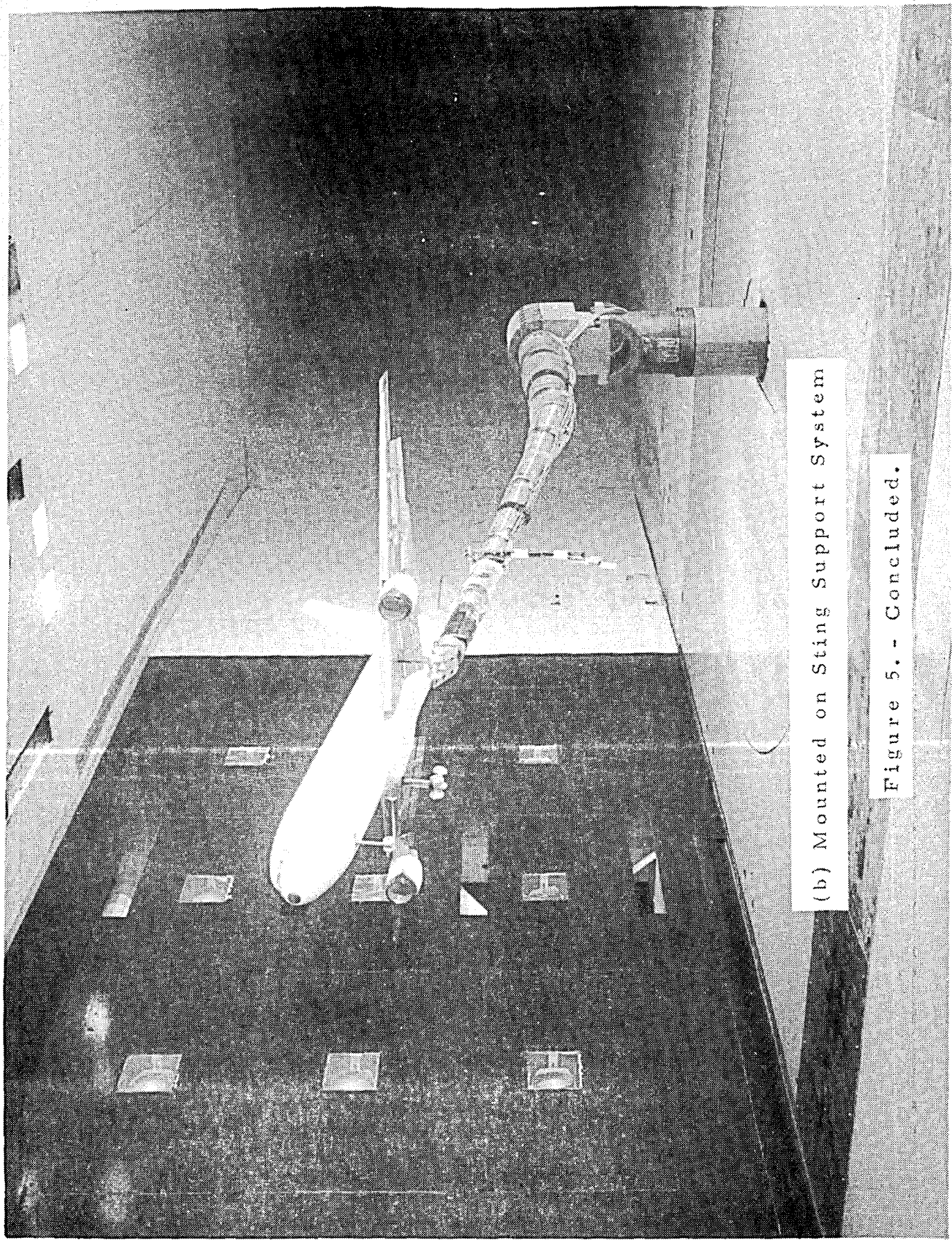
Figure 4.- Component combinations and labels.



(a) Mounted on Strut Support System

Figure 5. - Photographs of model in Langley V/STOL Tunnel.



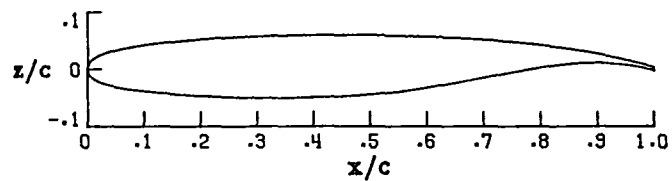


(b) Mounted on Sting Support System

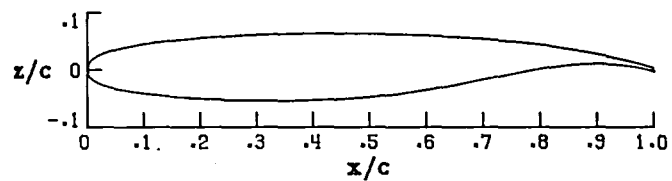
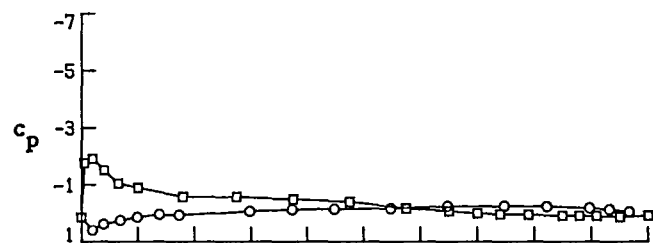
Figure 5. - Concluded.

○ upper surface  
□ lower surface

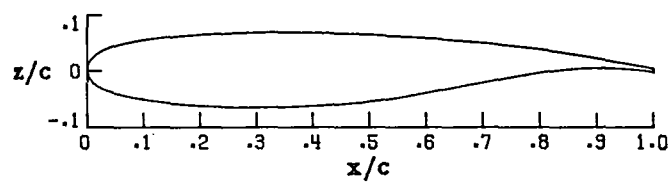
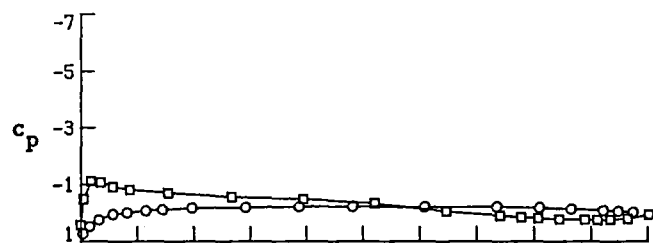
Wing Station C



Wing Station B



Wing Station A

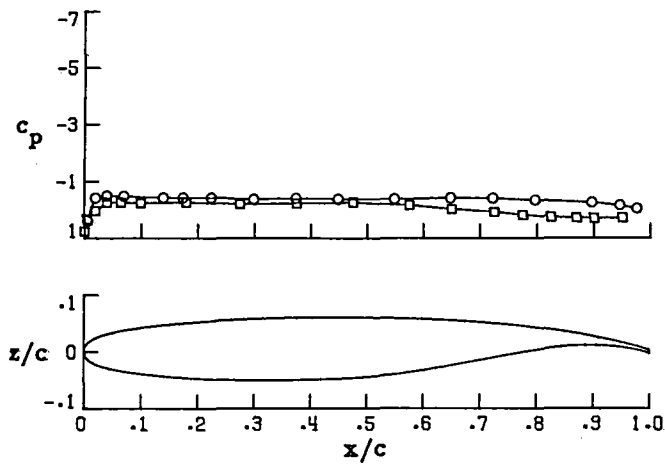


(a)  $\alpha = -6.184^\circ$

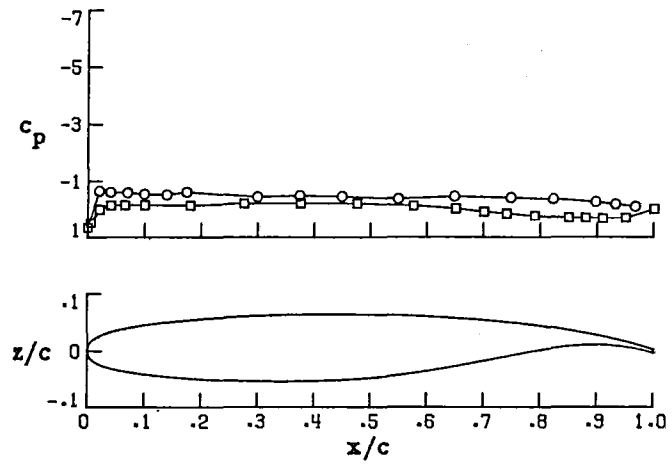
Figure 6. - Pressure distributions for aspect-ratio-10 cruise wing configuration with nacelles off. (Run 2)

○ upper surface  
□ lower surface

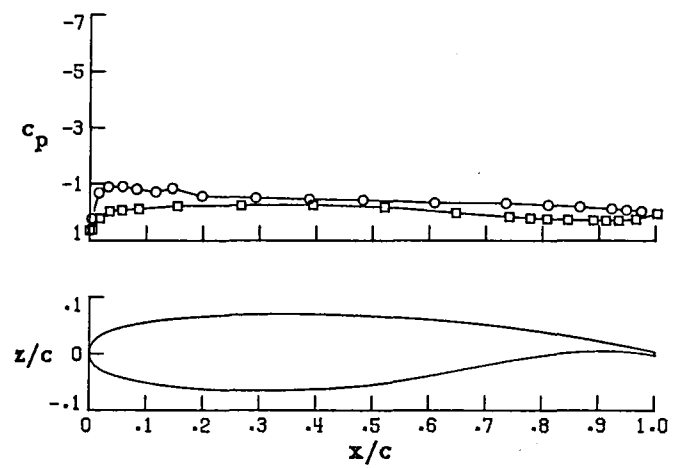
Wing Station C



Wing Station B



Wing Station A

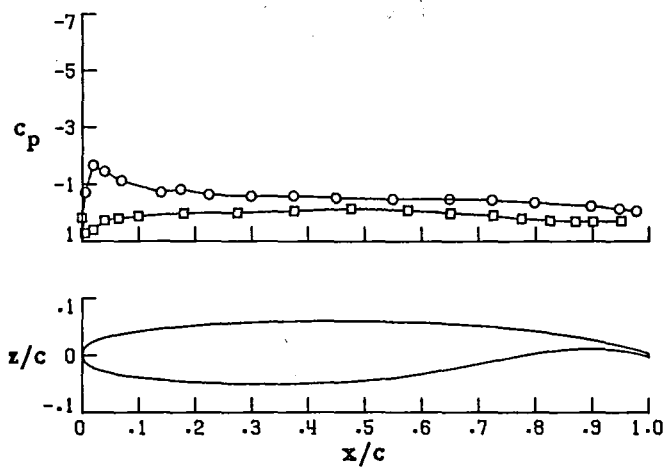


(b)  $\alpha = -0.009^\circ$

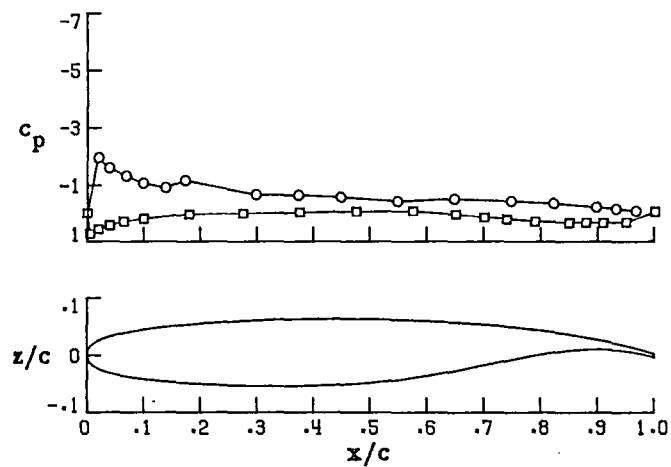
Figure 6-Continued.

○ upper surface  
□ lower surface

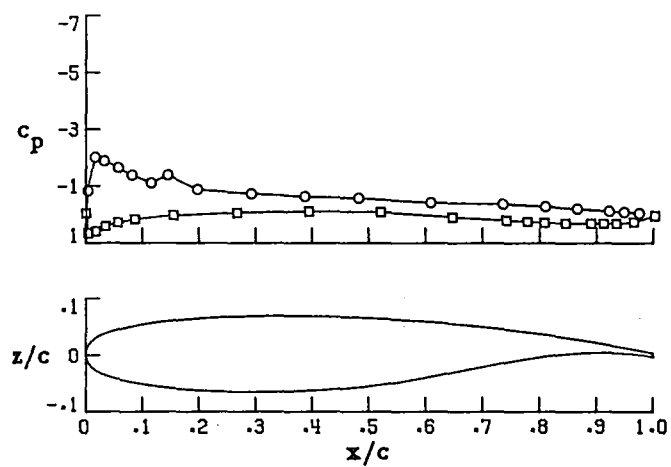
Wing Station C



Wing Station B



Wing Station A



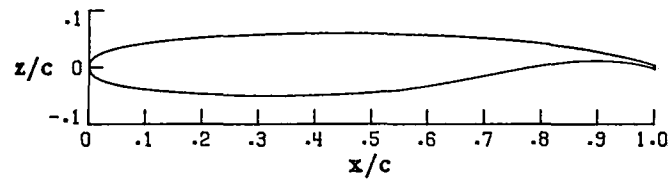
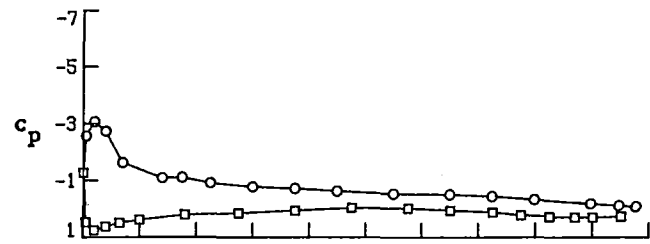
(c)  $\alpha = 4.029^\circ$

Figure 6.-Continued.

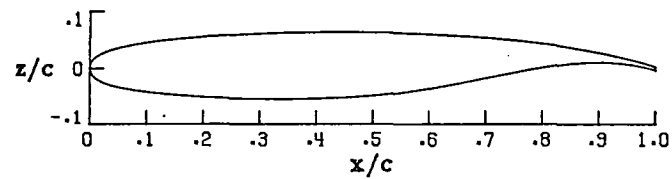
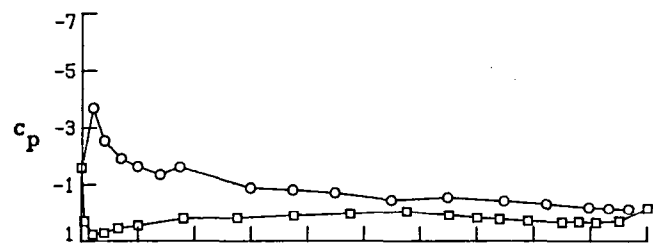


○ upper surface  
□ lower surface

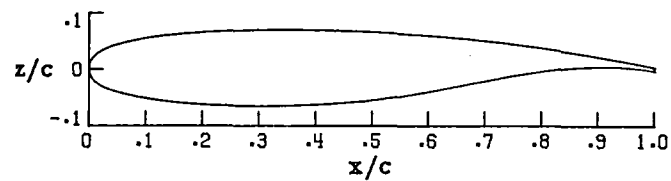
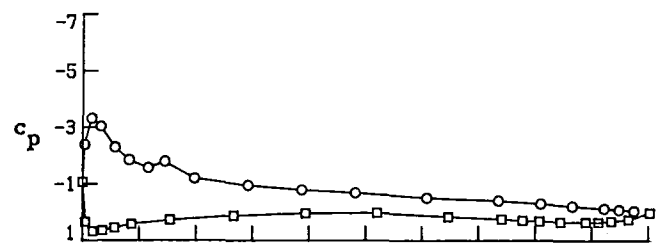
Wing Station C



Wing Station B



Wing Station A

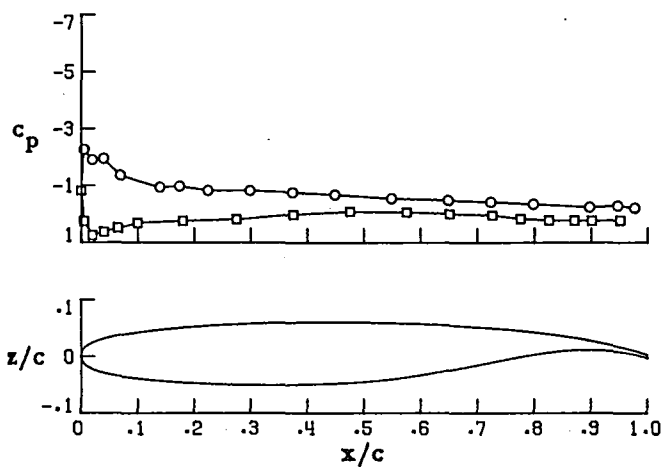


(d)  $\alpha = 8.049^\circ$

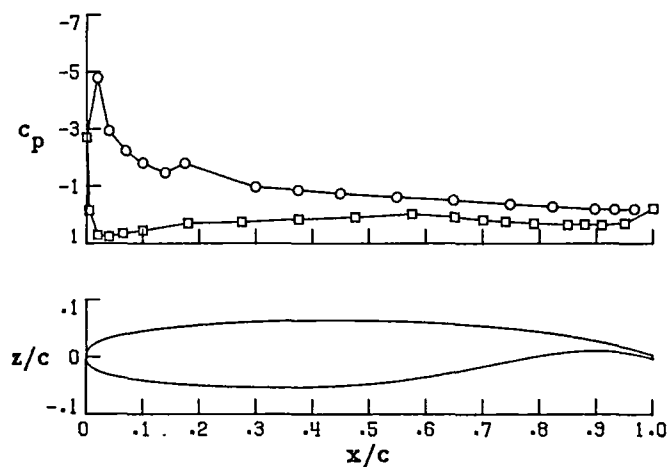
Figure 6.-Continued.

○ upper surface  
 □ lower surface

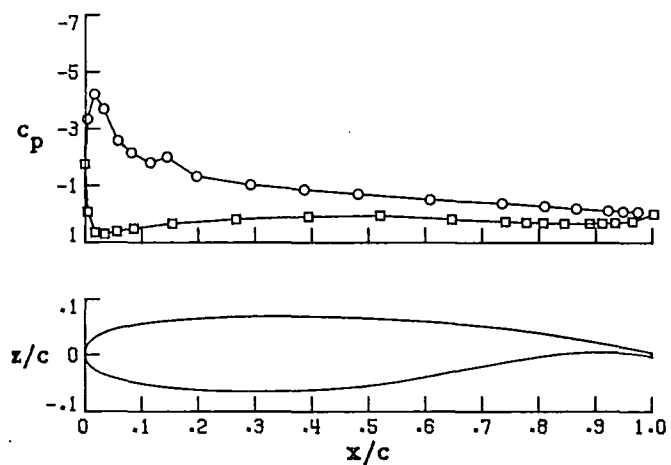
Wing Station C



Wing Station B



Wing Station A

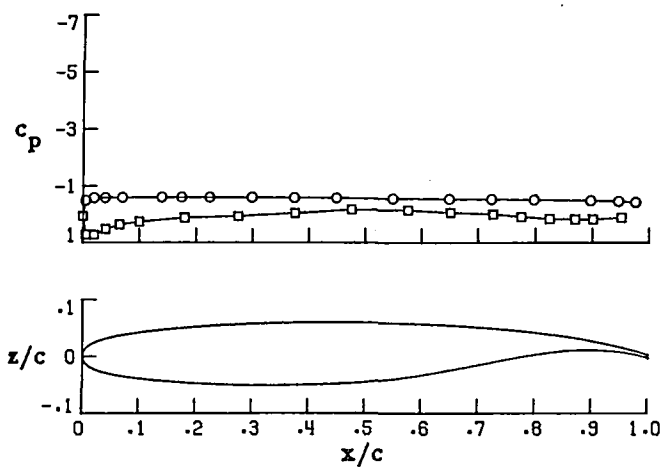


(e)  $\alpha = 10.021^\circ$

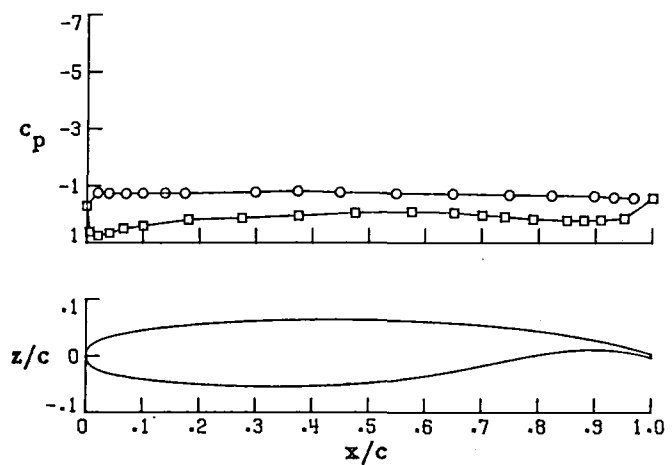
Figure 6.-Continued.

○ upper surface  
□ lower surface

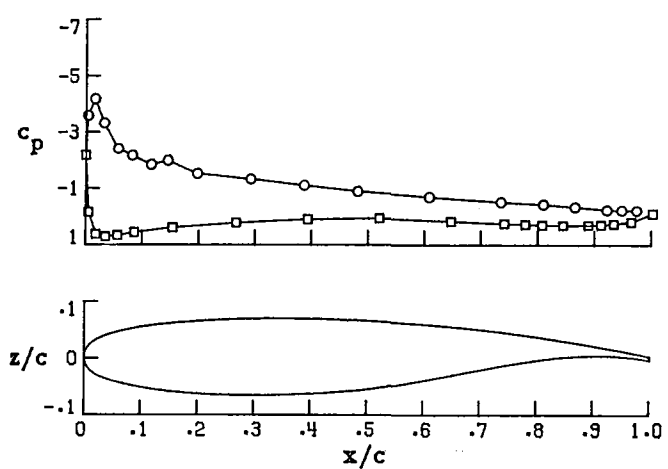
Wing Station C



Wing Station B



Wing Station A

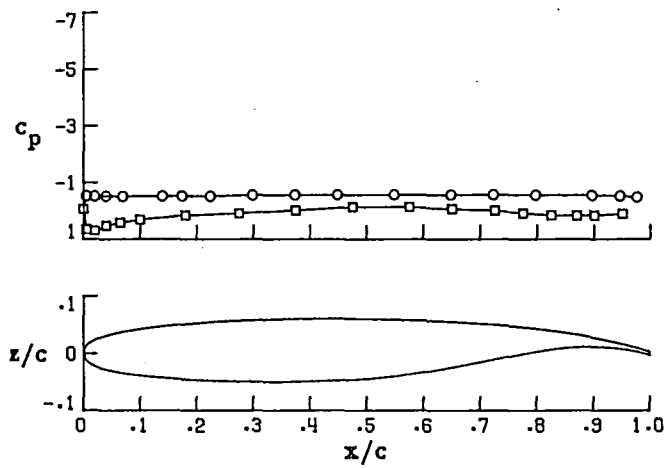


(f)  $\alpha = 12.086^\circ$

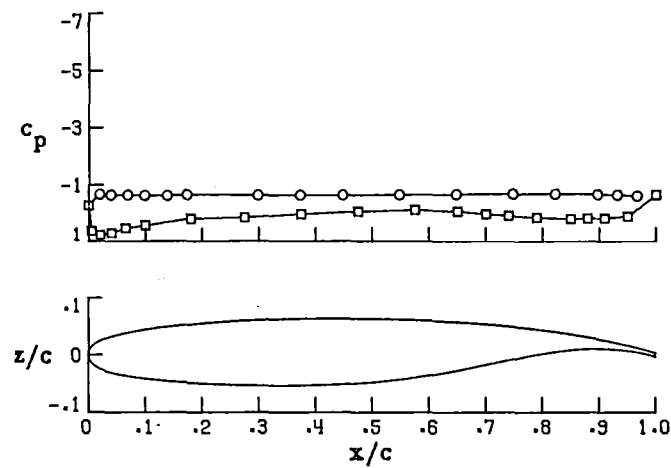
Figure 6-Continued.

○ upper surface  
□ lower surface

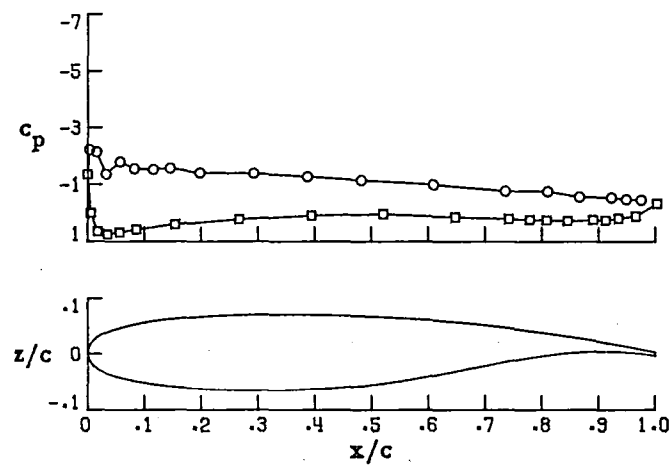
### Wing Station C



### Wing Station B



### Wing Station A

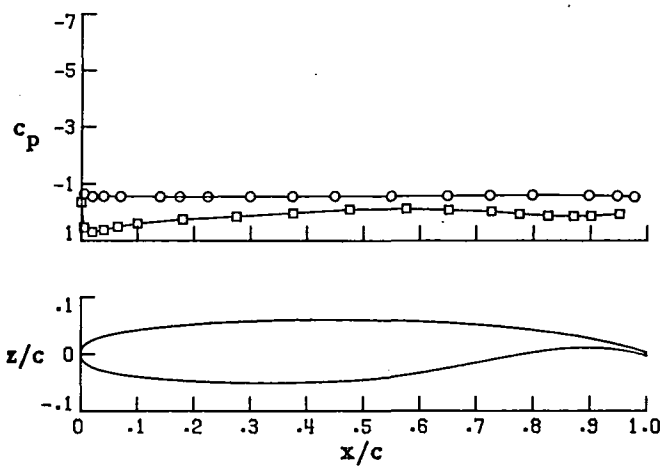


(g)  $\alpha = 14.056^\circ$

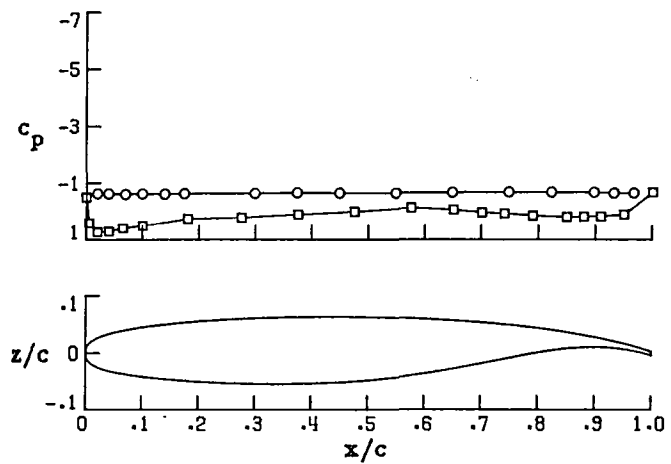
Figure 6-Continued.

○ upper surface  
□ lower surface

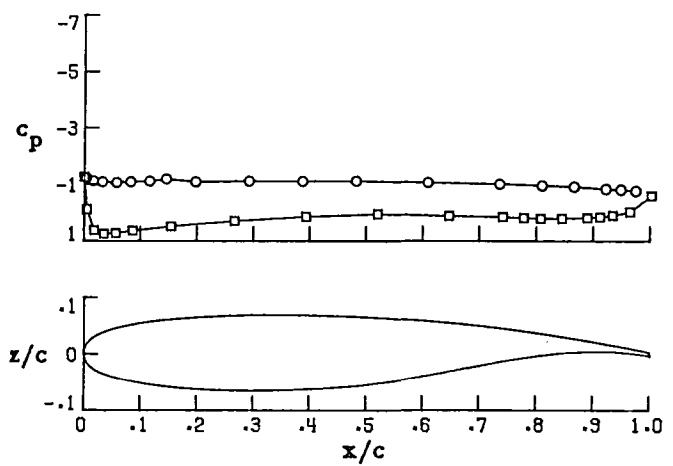
Wing Station C



Wing Station B

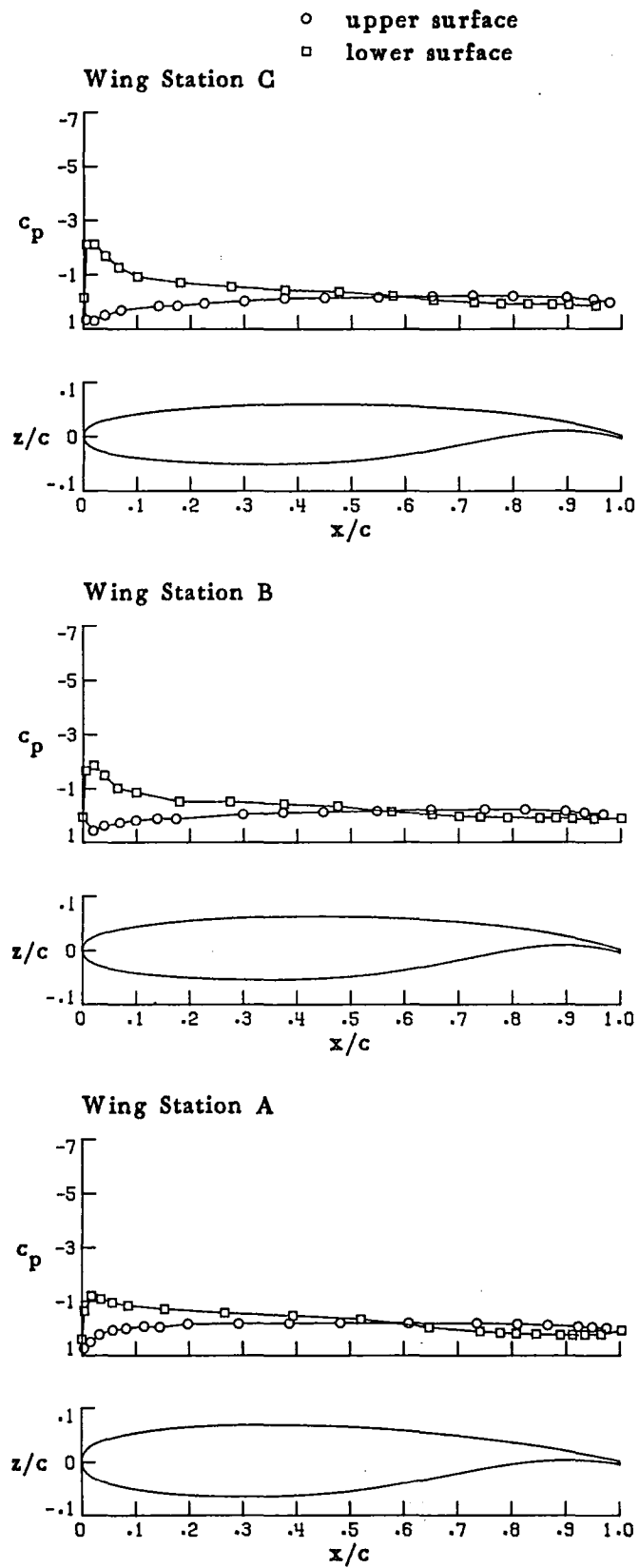


Wing Station A



(h)  $\alpha = 18.066^\circ$

Figure 6.-Concluded.



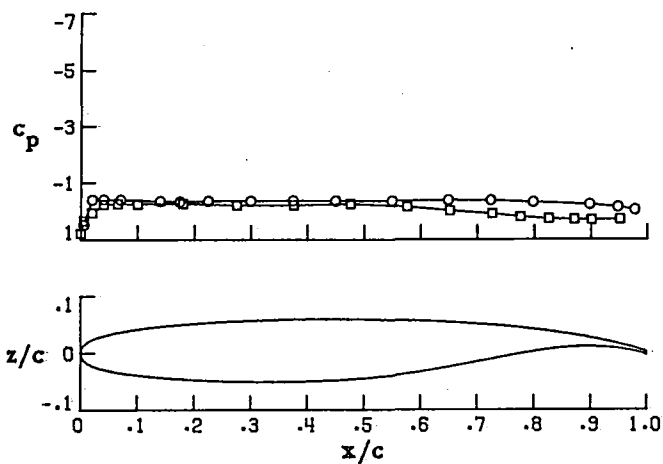
(a)  $\alpha = -6.145^\circ$

Figure 7. - Pressure distributions for aspect-ratio-10 cruise wing configuration with nacelles on. (Run 3)

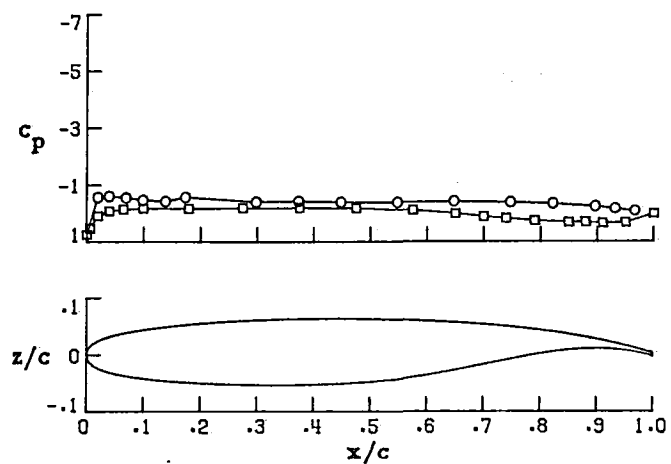
○ upper surface

□ lower surface

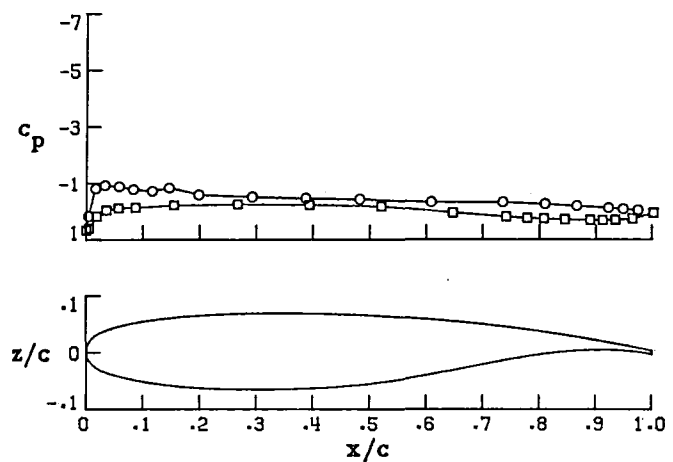
### Wing Station C



### Wing Station B



### Wing Station A

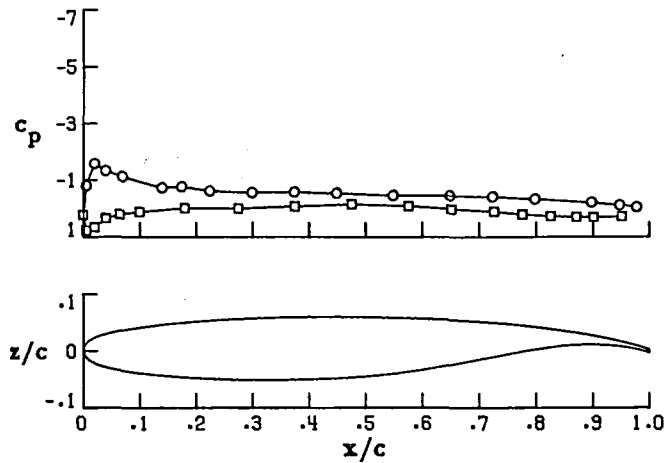


(b)  $\alpha = -0.46^\circ$

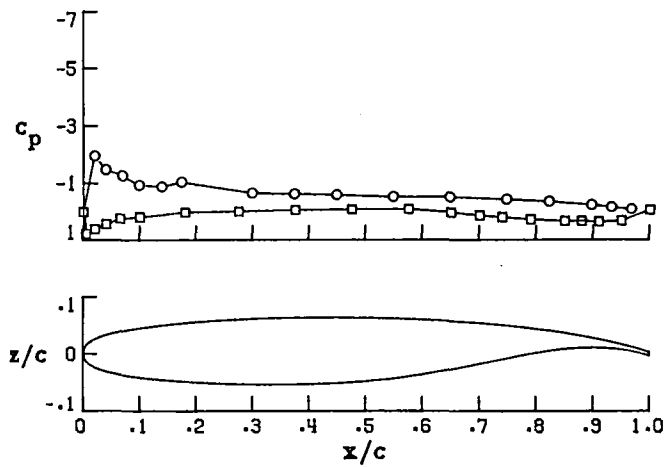
Figure 7.-Continued.

○ upper surface  
 □ lower surface

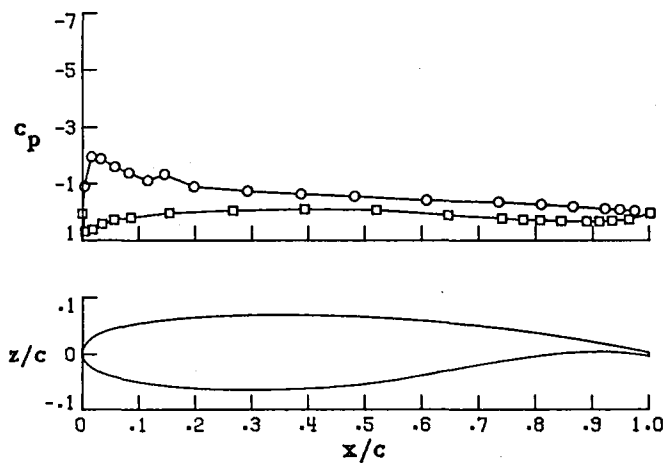
Wing Station C



Wing Station B



Wing Station A



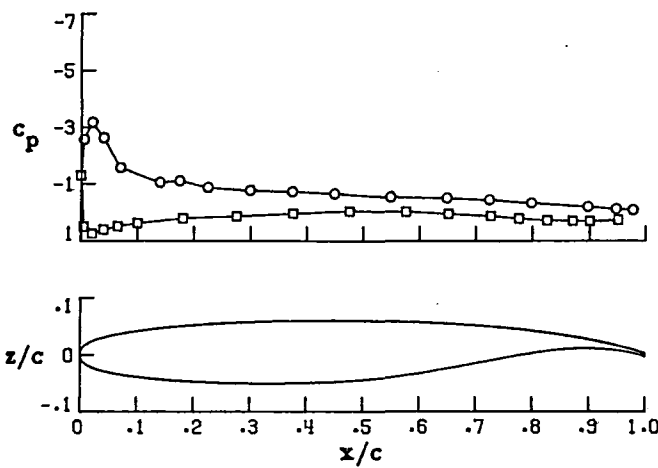
(c)  $\alpha = 4.037^\circ$

Figure 7-Continued.

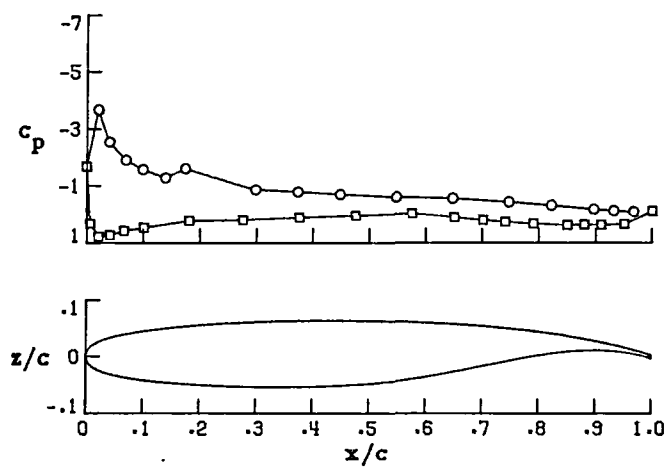


○ upper surface  
□ lower surface

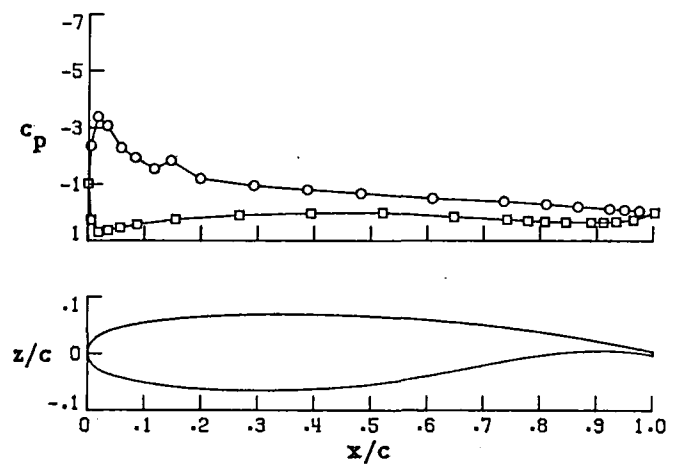
Wing Station C



Wing Station B



Wing Station A

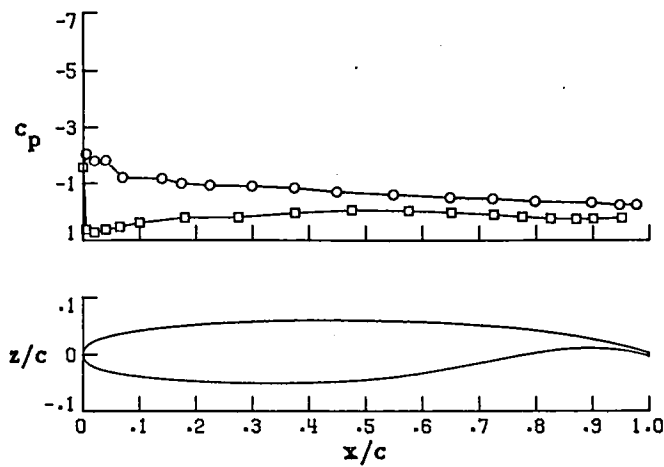


(d)  $\alpha = 8.050^\circ$

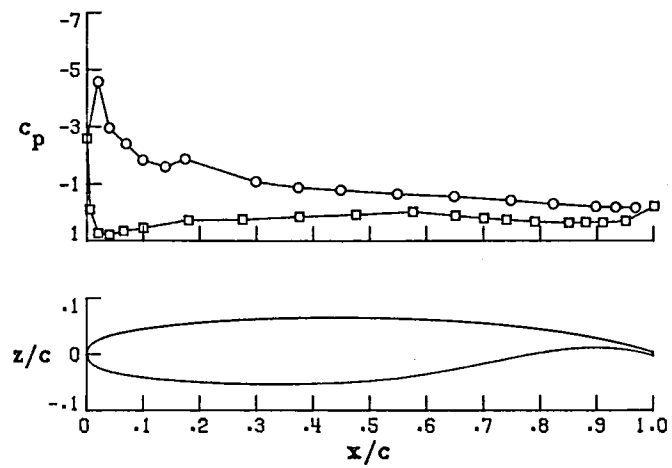
Figure 7.-Continued.

○ upper surface  
 □ lower surface

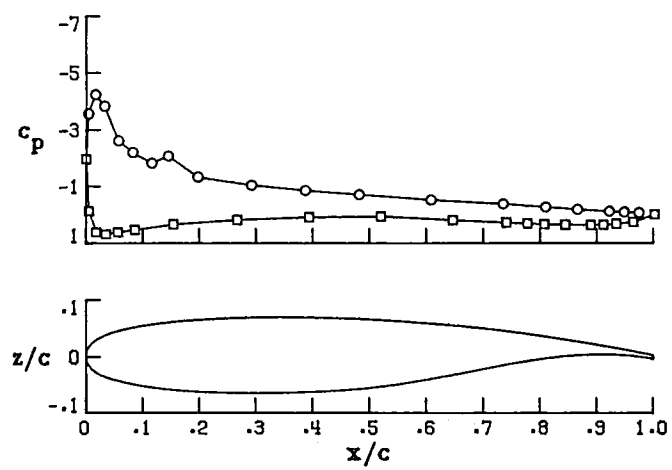
Wing Station C



Wing Station B



Wing Station A

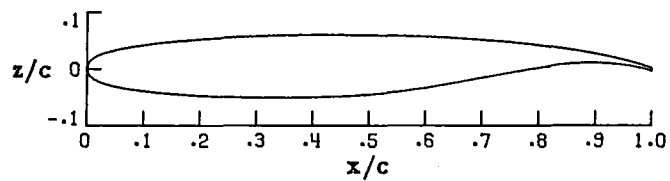
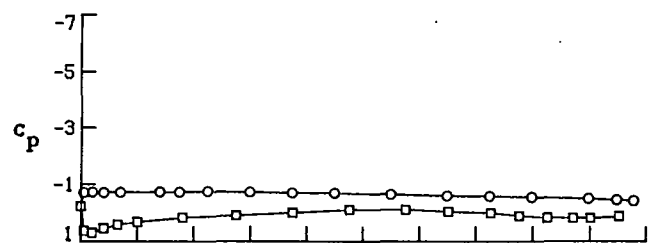


(e)  $\alpha = 10.068^\circ$

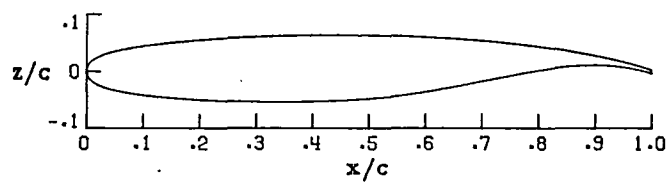
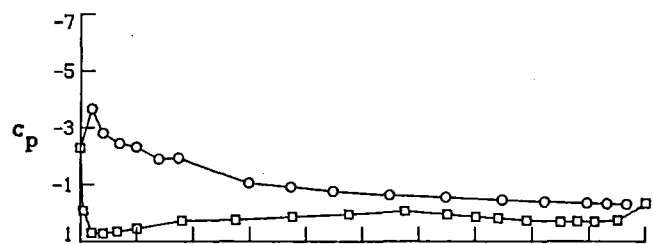
Figure 7.-Continued.

○ upper surface  
□ lower surface

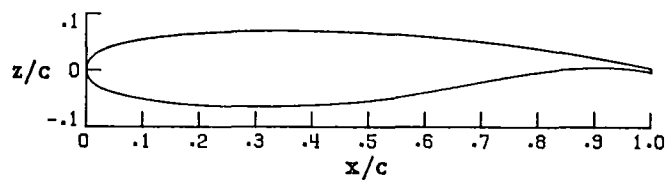
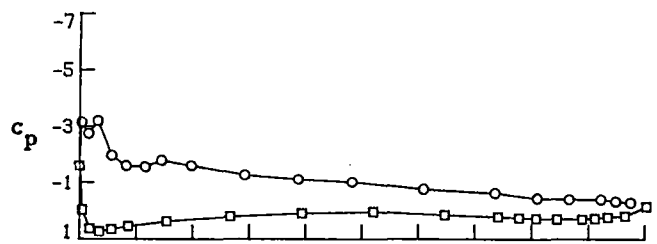
### Wing Station C



### Wing Station B



### Wing Station A

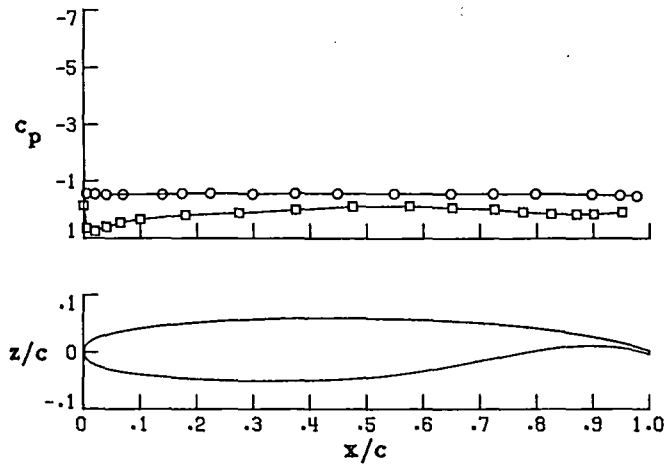


(F)  $\alpha = 12.086^\circ$

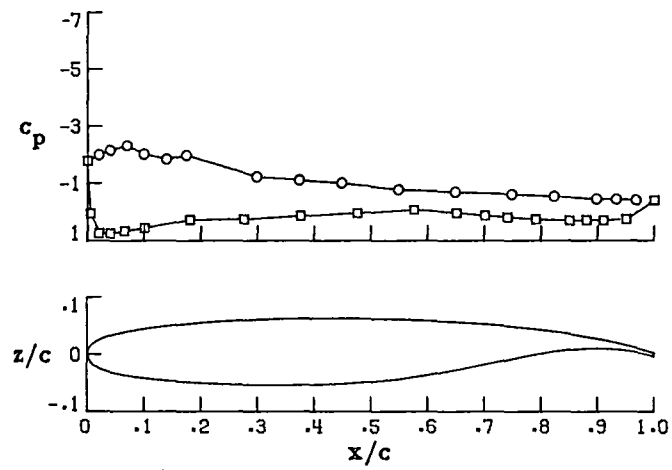
Figure 7-Continued.

○ upper surface  
 □ lower surface

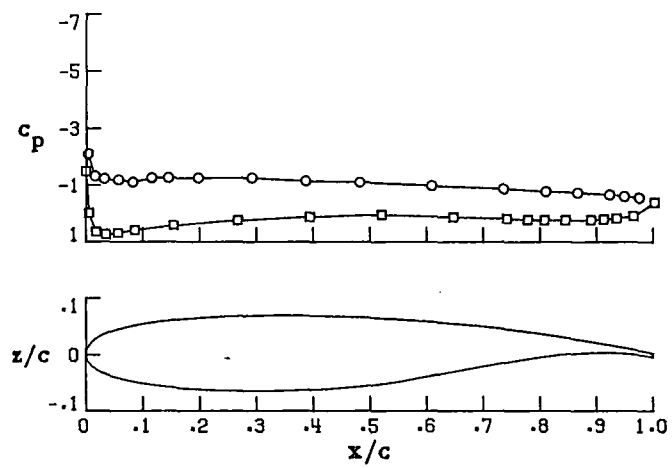
Wing Station C



Wing Station B



Wing Station A

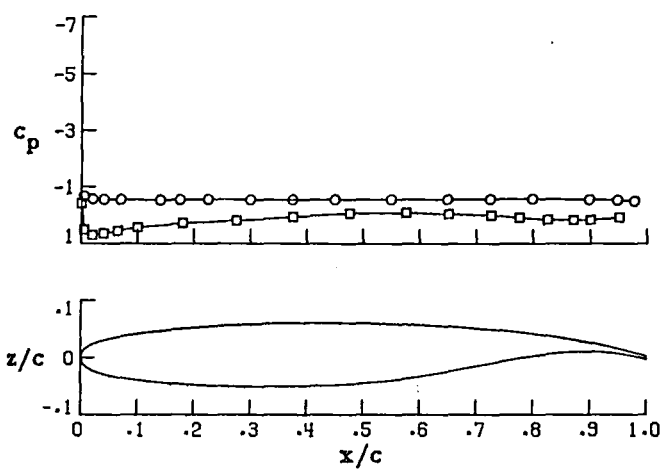


(g)  $\alpha = 14.093^\circ$

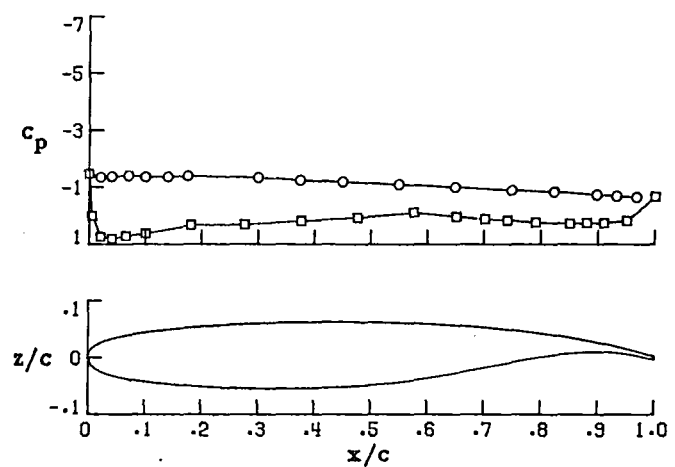
Figure 7.-Continued.

○ upper surface  
□ lower surface

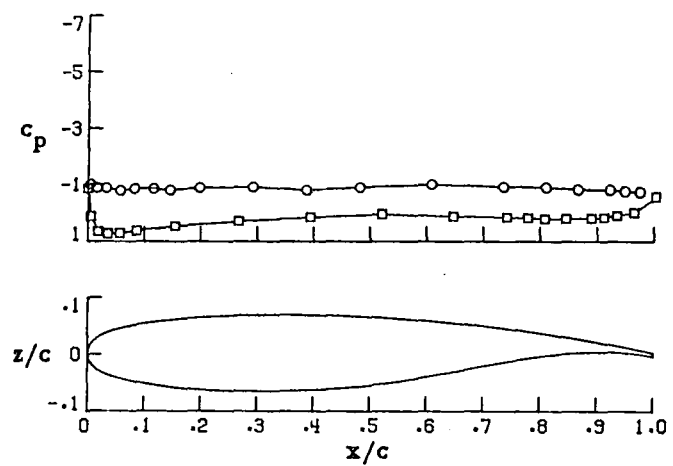
### Wing Station C



### Wing Station B

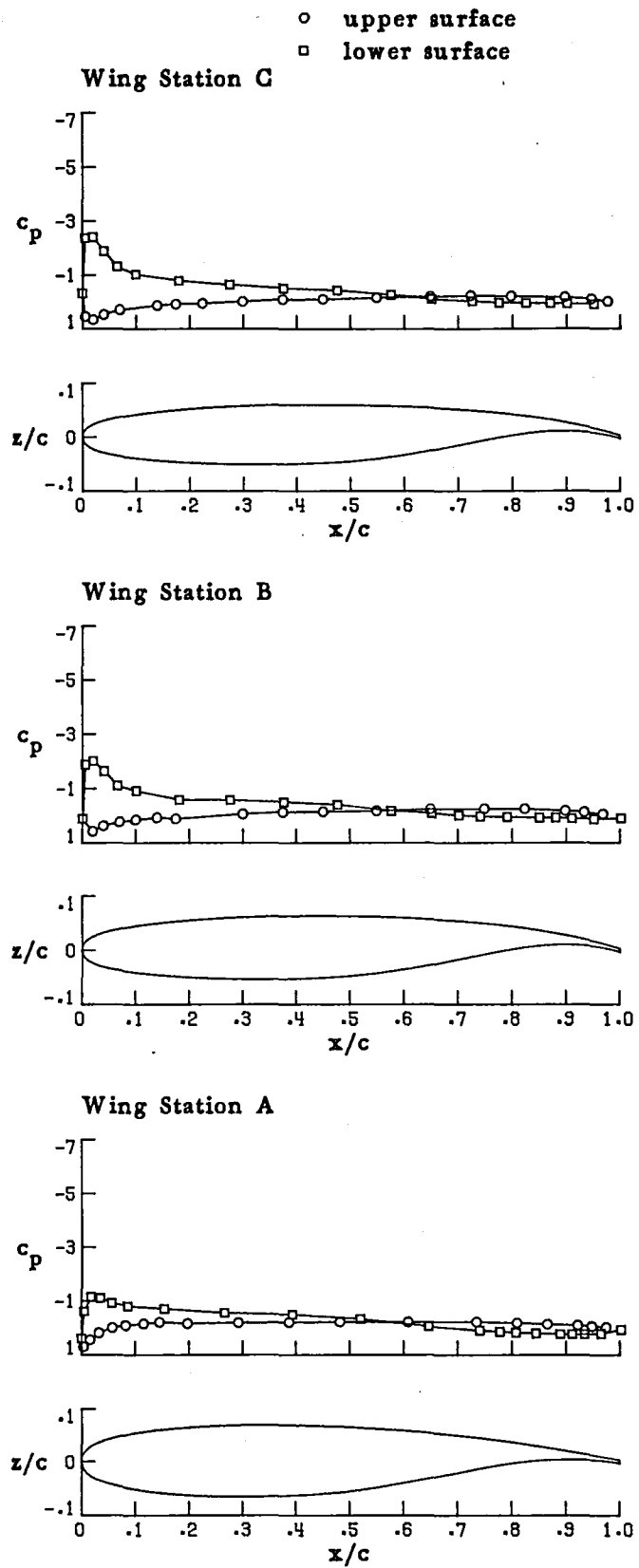


### Wing Station A



(h)  $\alpha = 18.091^\circ$

Figure 7.-Concluded.

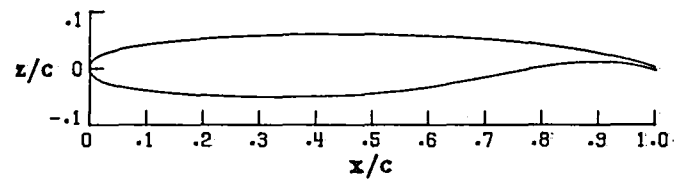
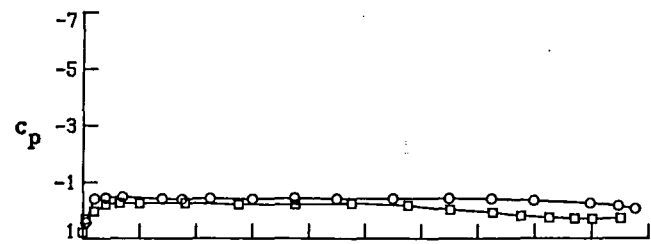


(a)  $\alpha = -6.155^\circ$

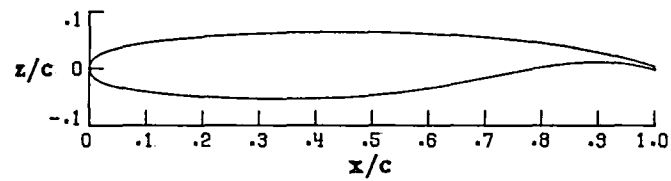
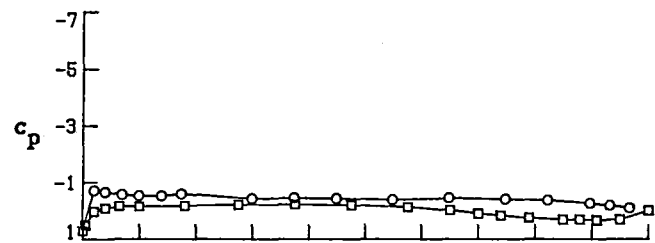
Figure 8. - Pressure distributions for aspect-ratio-12 cruise wing configuration with nacelles off. (Run 1)

○ upper surface  
□ lower surface

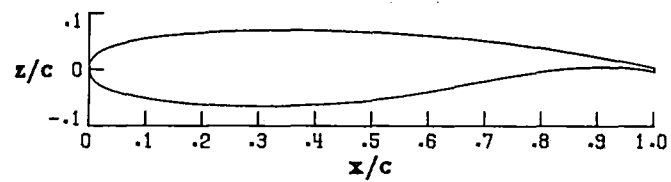
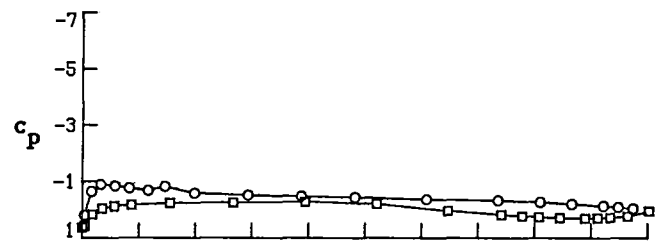
Wing Station C



Wing Station B



Wing Station A

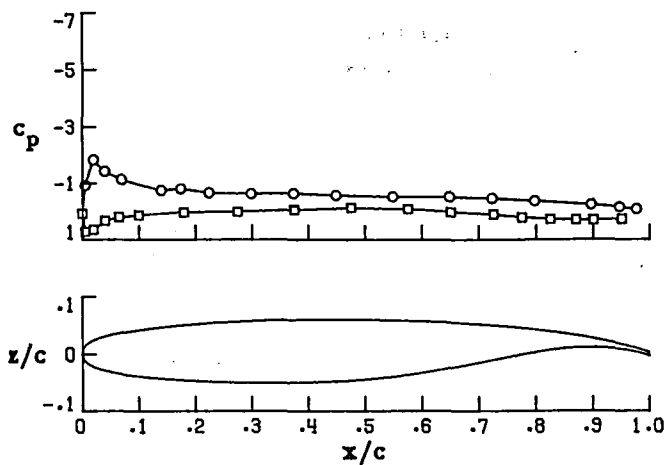


(b)  $\alpha = -0.080^\circ$

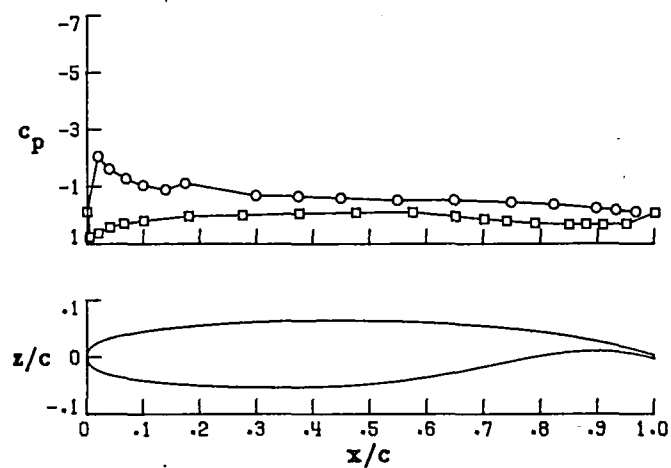
Figure 8.-Continued.

○ upper surface  
□ lower surface

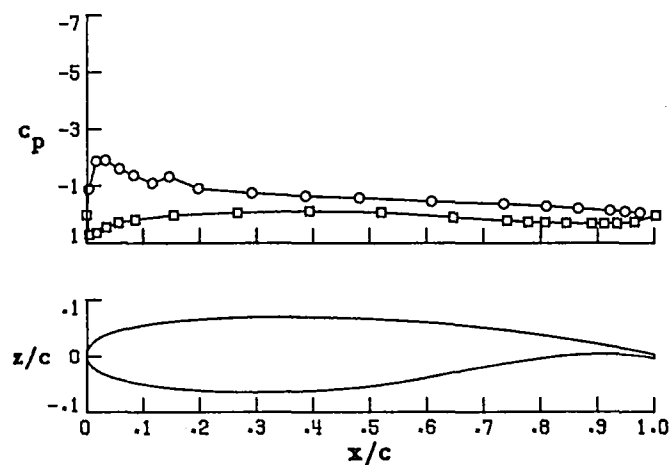
Wing Station C



Wing Station B



Wing Station A



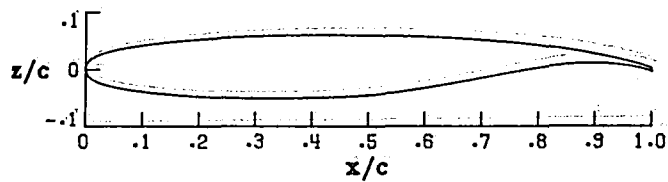
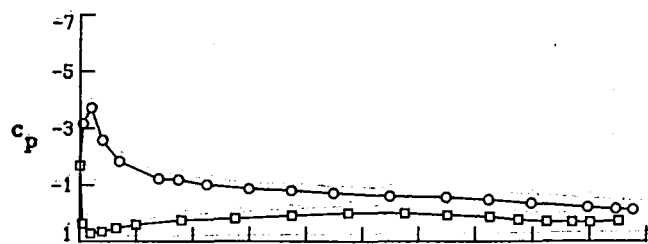
(c)  $\alpha = 8.967^\circ$

Figure 8-Continued.

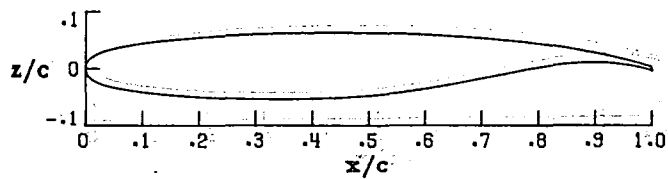
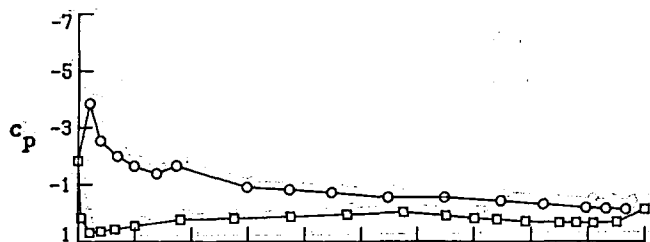


○ upper surface  
□ lower surface

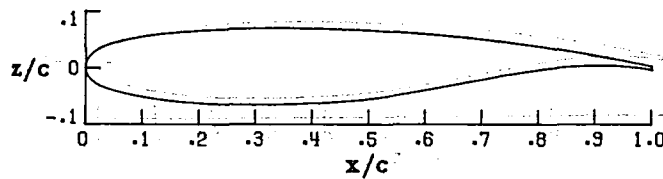
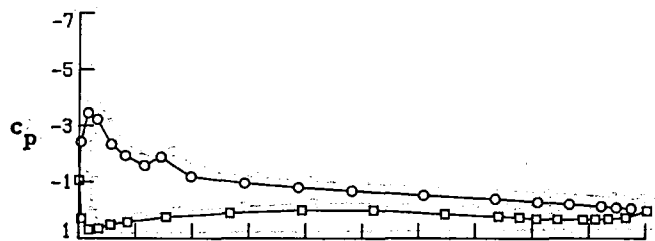
Wing Station C



Wing Station B



Wing Station A

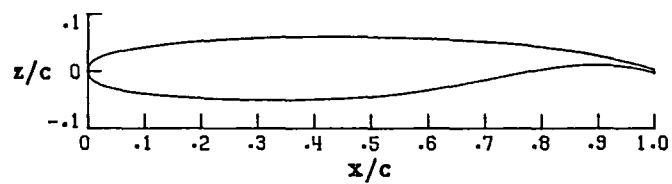
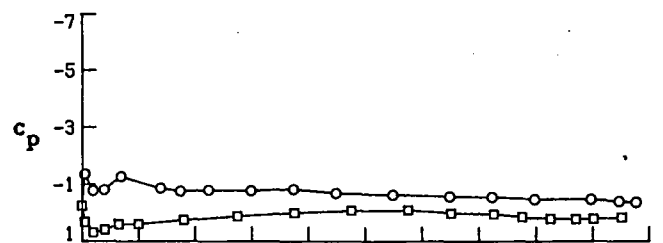


(d)  $\alpha = 8.042^\circ$

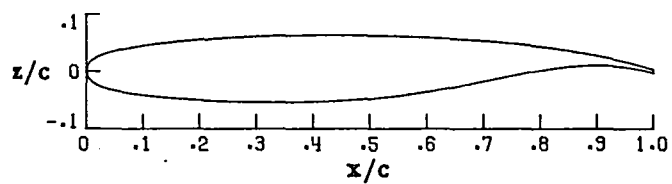
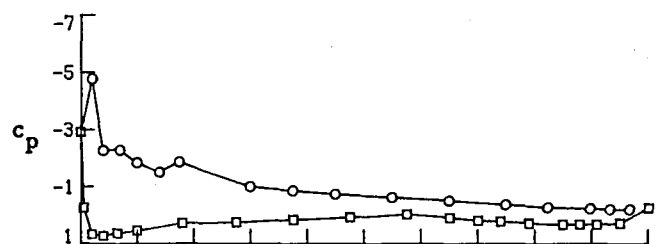
Figure 8-Continued.

○ upper surface  
□ lower surface

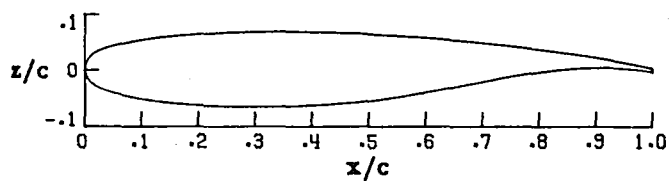
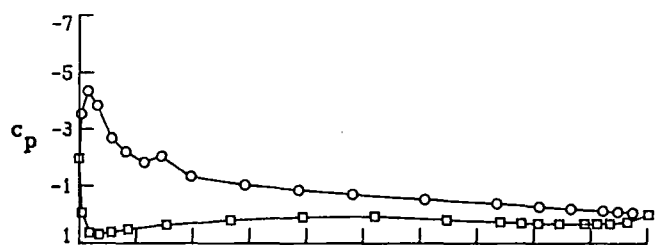
Wing Station C



Wing Station B



Wing Station A

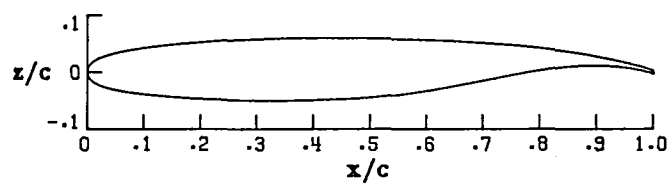
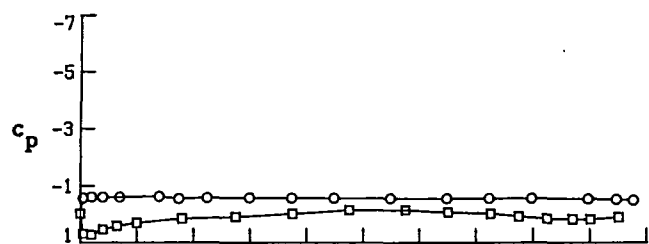


(e)  $\alpha = 10.064^\circ$

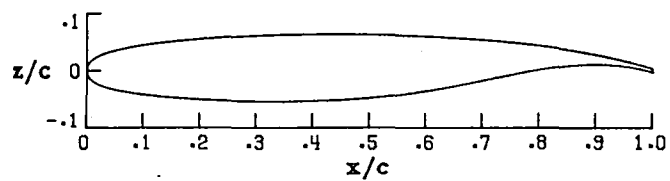
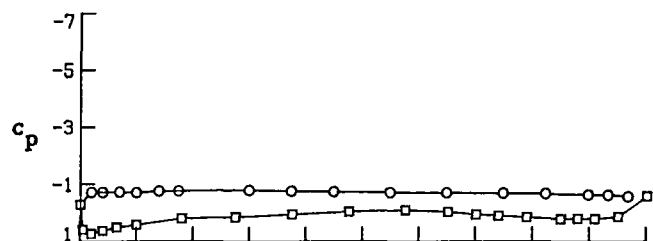
Figure 8.-Continued.

○ upper surface  
□ lower surface

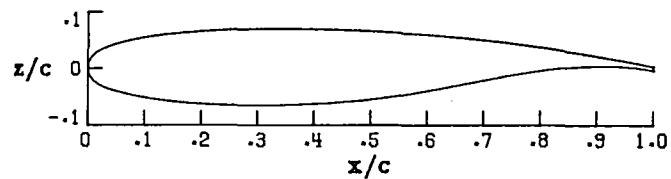
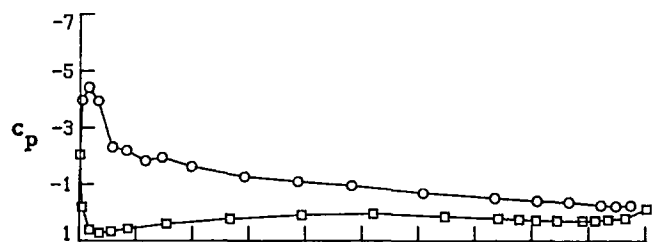
Wing Station C



Wing Station B



Wing Station A

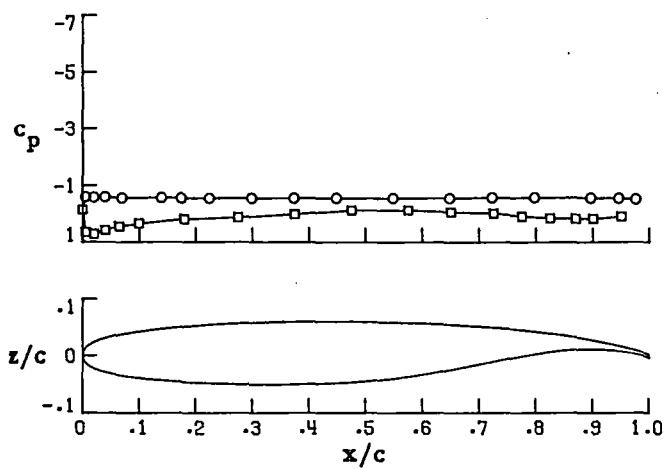


(f)  $\alpha = 12.077^\circ$

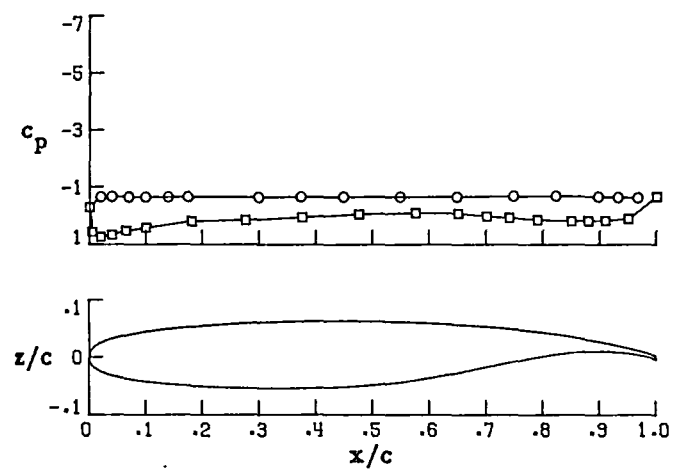
Figure 8.-Continued.

○ upper surface  
□ lower surface

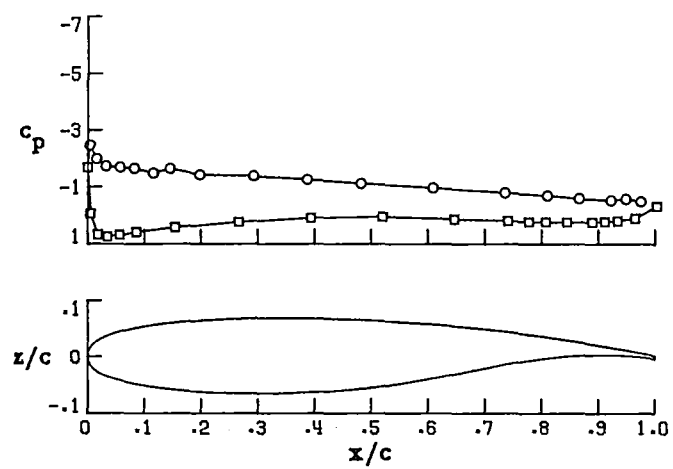
Wing Station C



Wing Station B

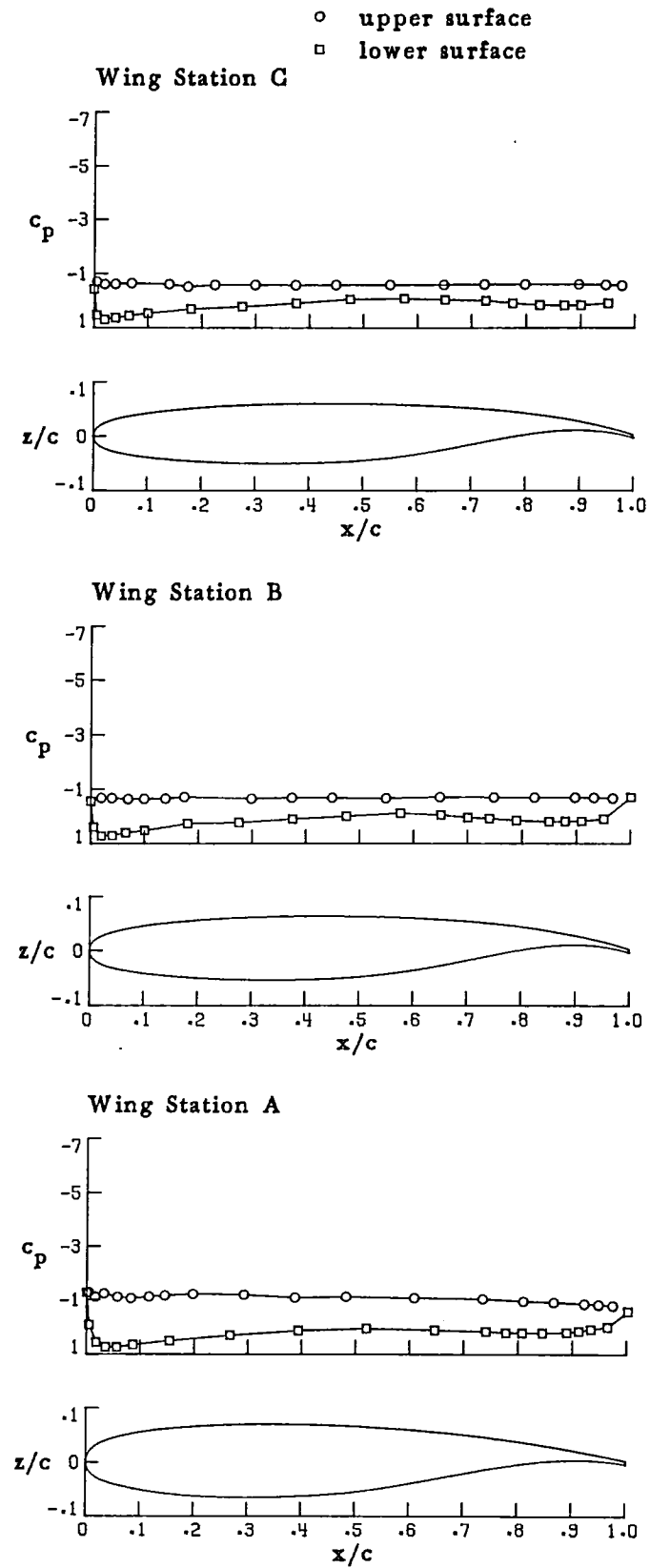


Wing Station A



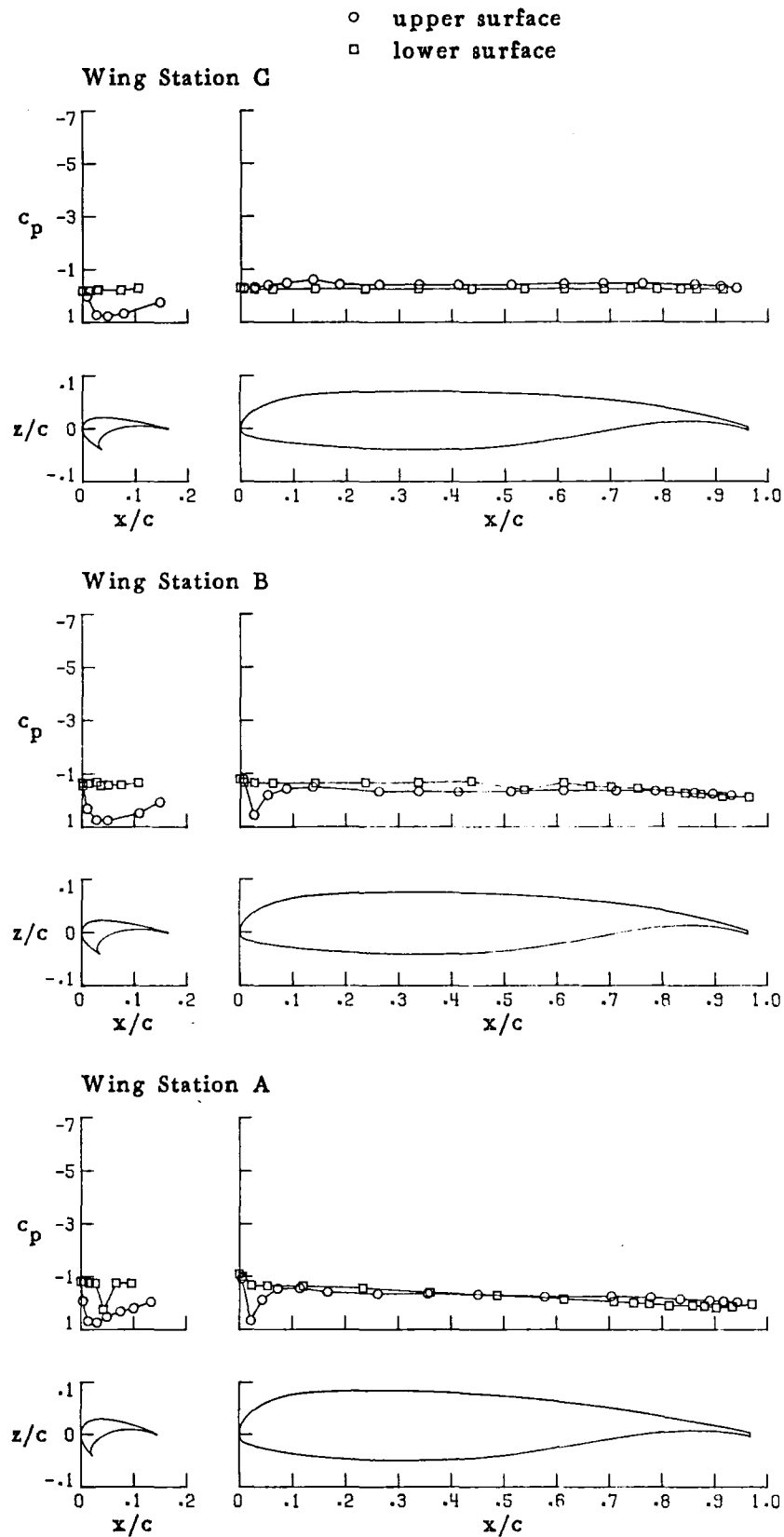
(g)  $\alpha = 14.057^\circ$

Figure 8.-Continued.



(h)  $\alpha = 18.085^\circ$

Figure 8.-Concluded.

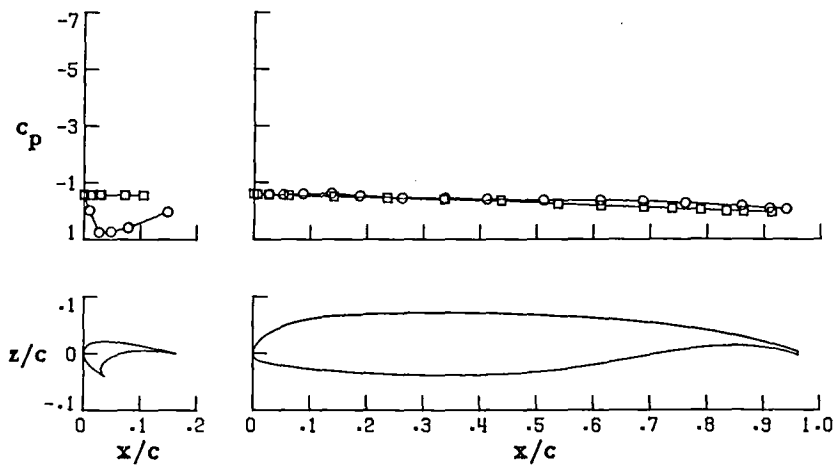


(a)  $\alpha = -4.107^\circ$

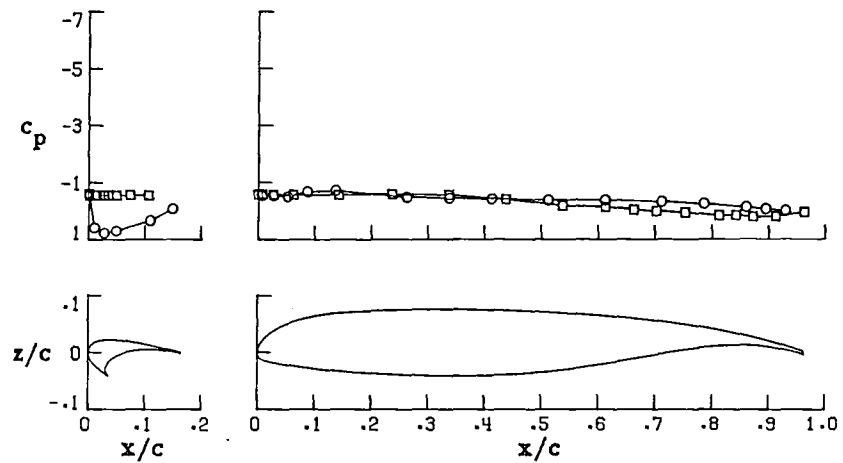
Figure 9. - Pressure distributions for aspect-ratio-10 climb wing configuration with  $-30^\circ$  deflection of inboard slat. (Run 21)

○ upper surface  
 □ lower surface

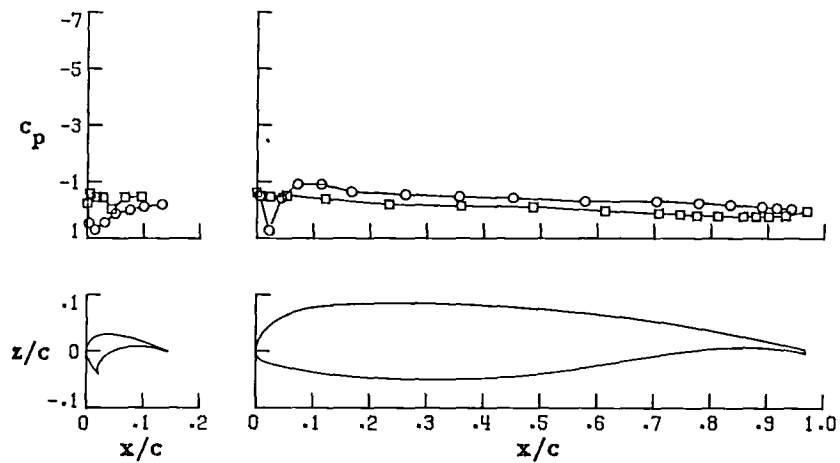
Wing Station C



Wing Station B



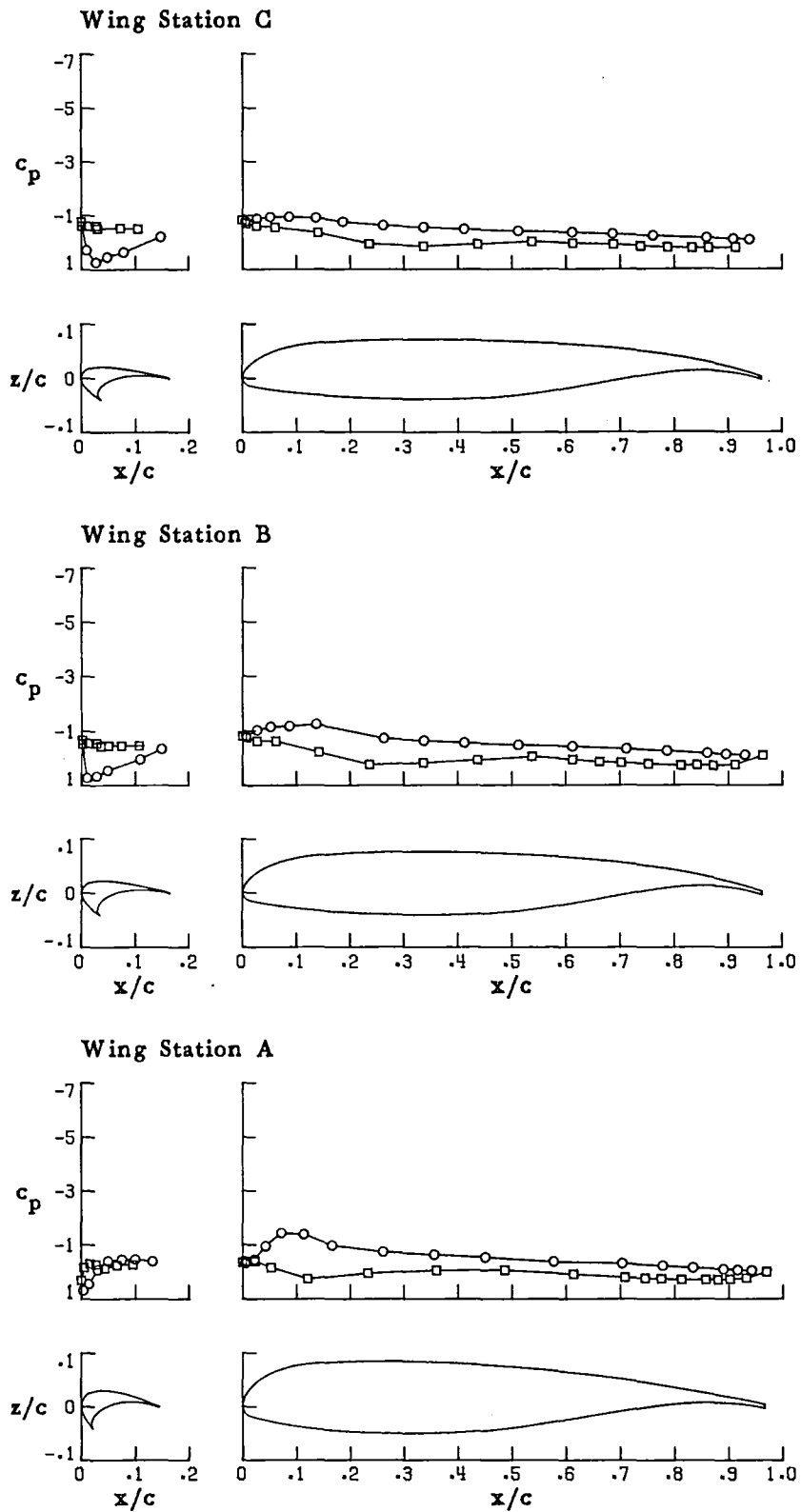
Wing Station A



(b)  $\alpha = .012^\circ$

Figure 9.-Continued.

○ upper surface  
 □ lower surface

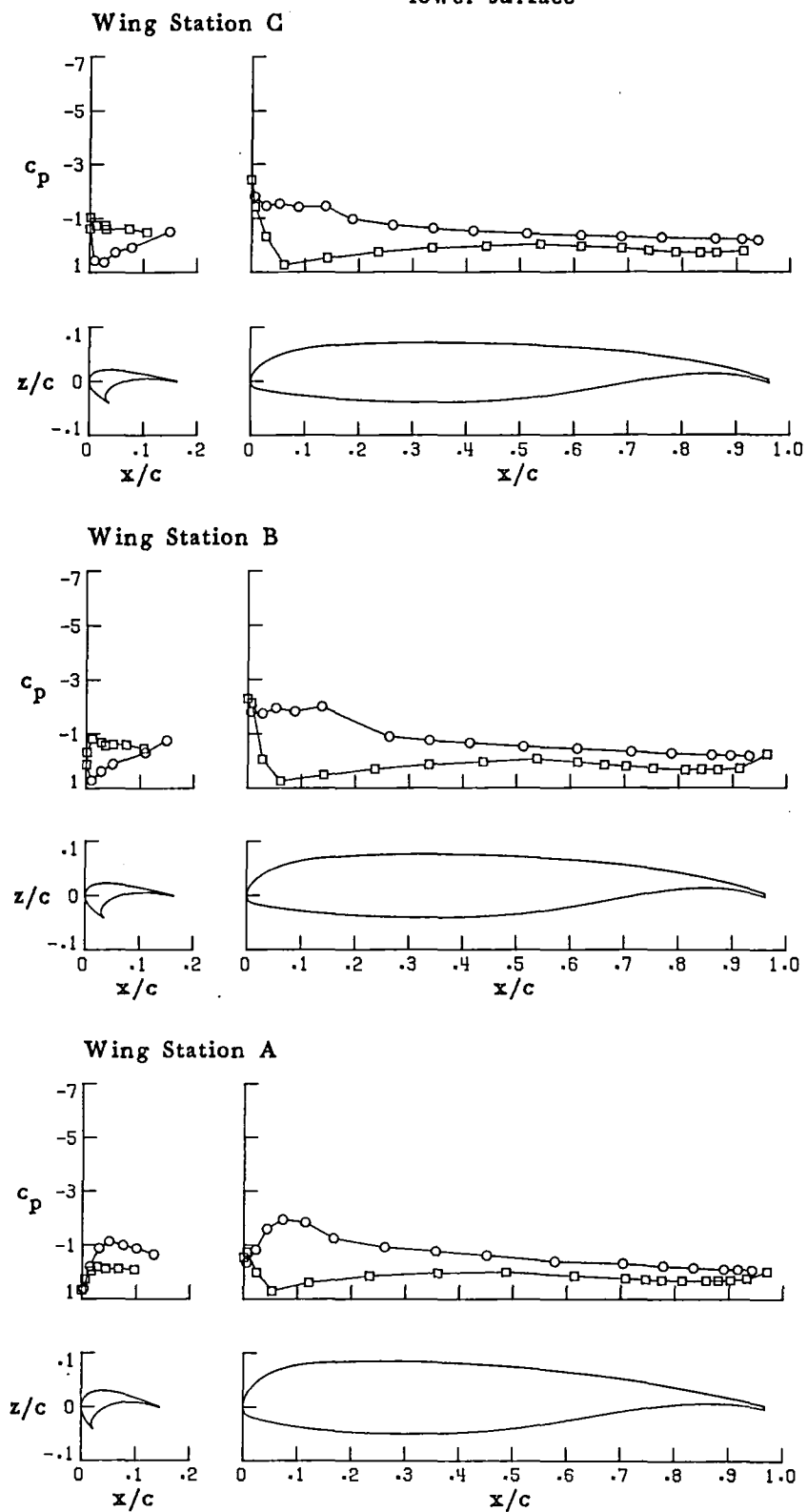


(c)  $\alpha = 4.080^\circ$

Figure 9.-Continued.



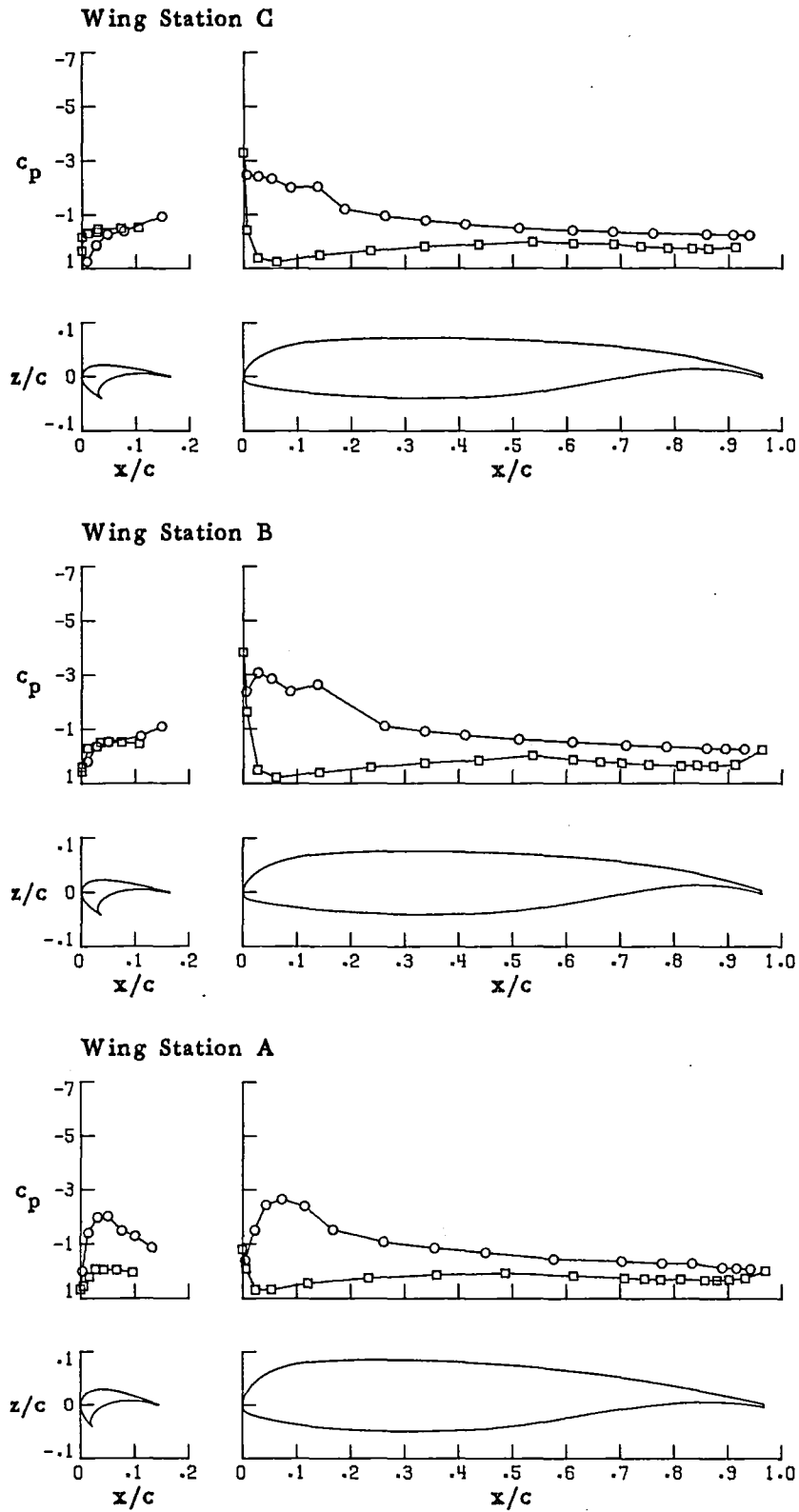
○ upper surface  
□ lower surface



(d)  $\alpha = 8.122^\circ$

Figure 9.-Continued.

○ upper surface  
 □ lower surface

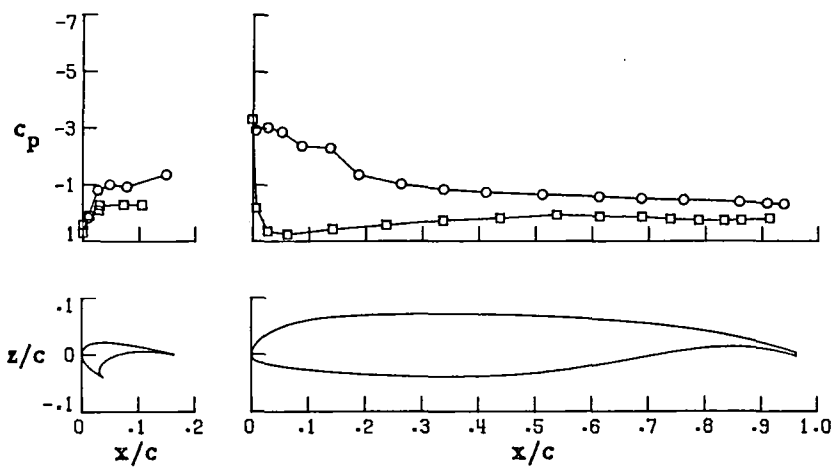


(e)  $\alpha = 12.214^\circ$

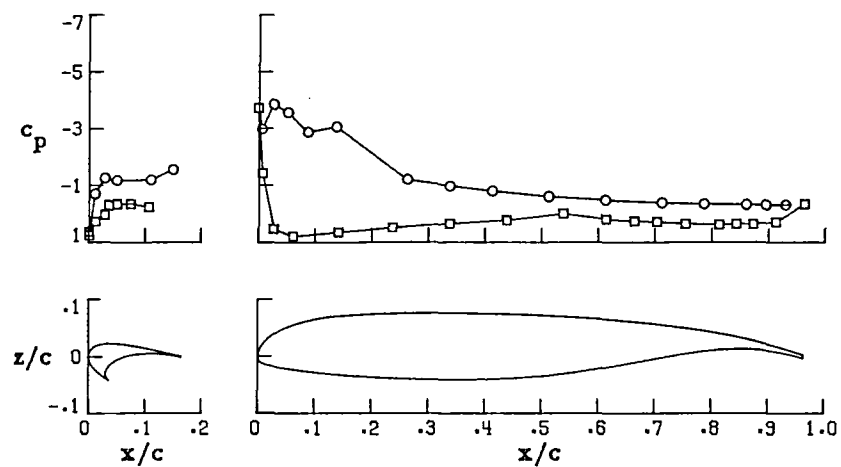
Figure 9.-Continued.

○ upper surface  
 □ lower surface

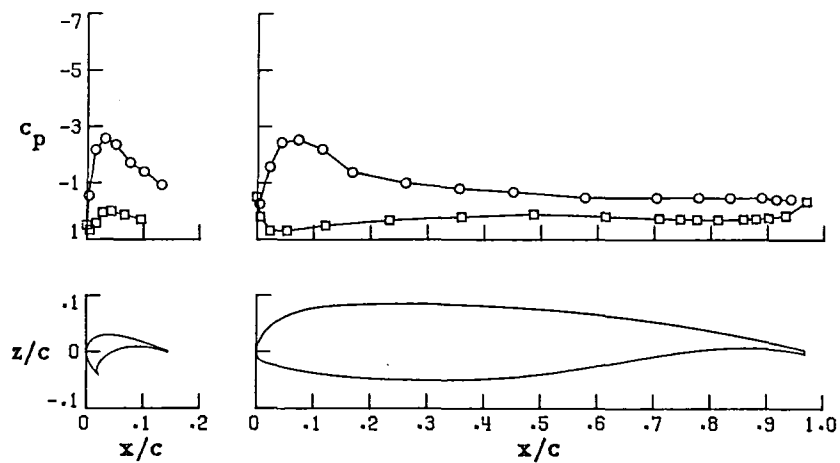
Wing Station C



Wing Station B



Wing Station A

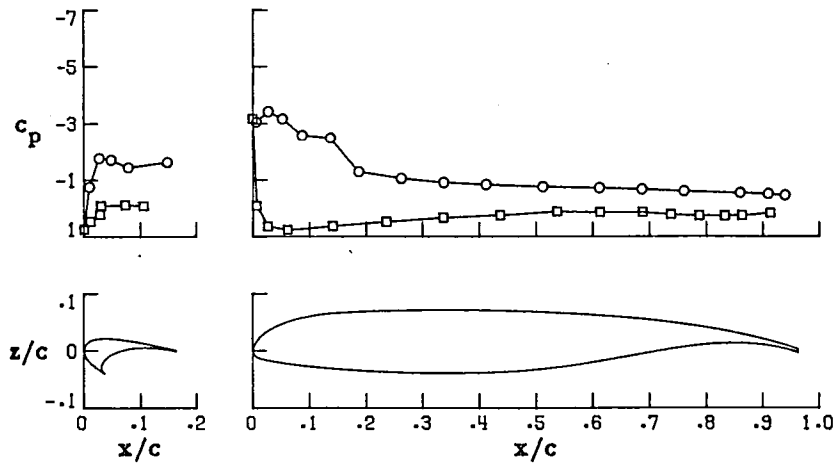


(f)  $\alpha = 16.277^\circ$

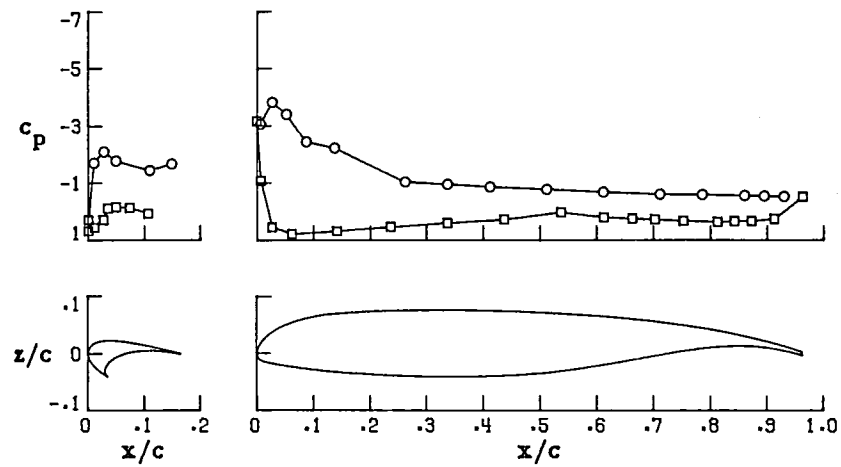
Figure 9.-Continued.

○ upper surface  
 □ lower surface

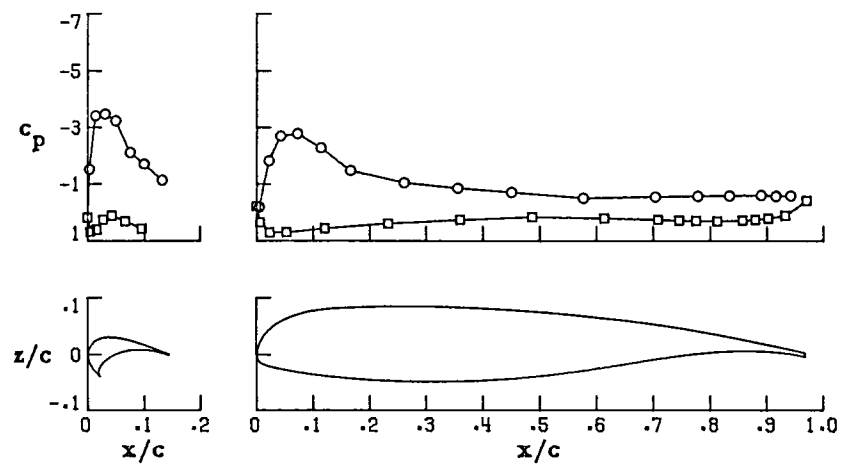
Wing Station C



Wing Station B



Wing Station A



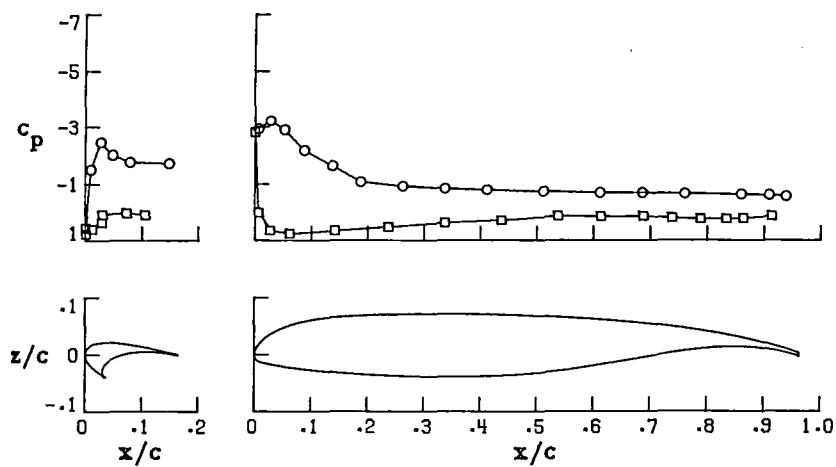
(g)  $\alpha = 20.301^\circ$

Figure 9.-Continued.

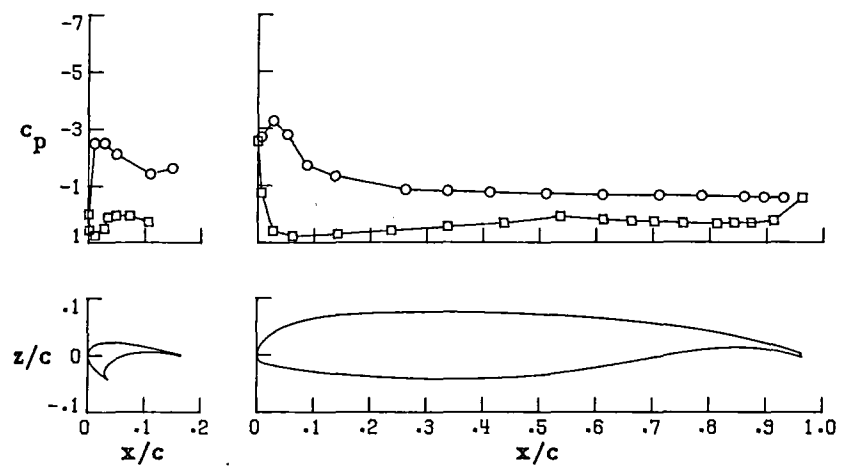
○ upper surface

□ lower surface

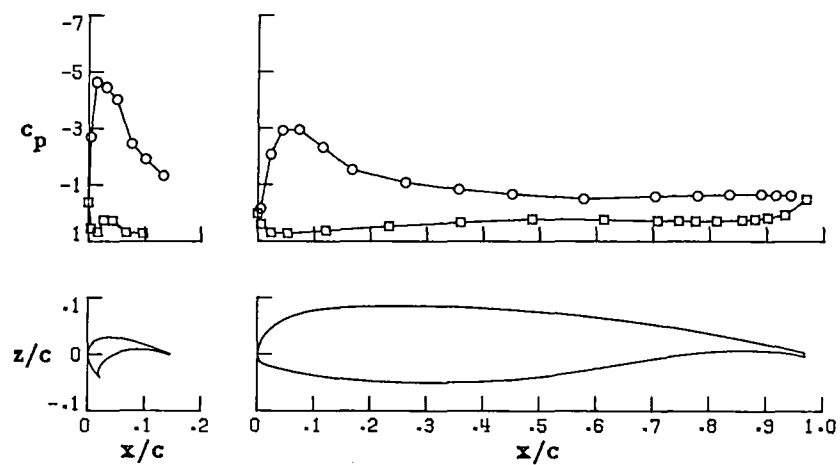
### Wing Station C



### Wing Station B



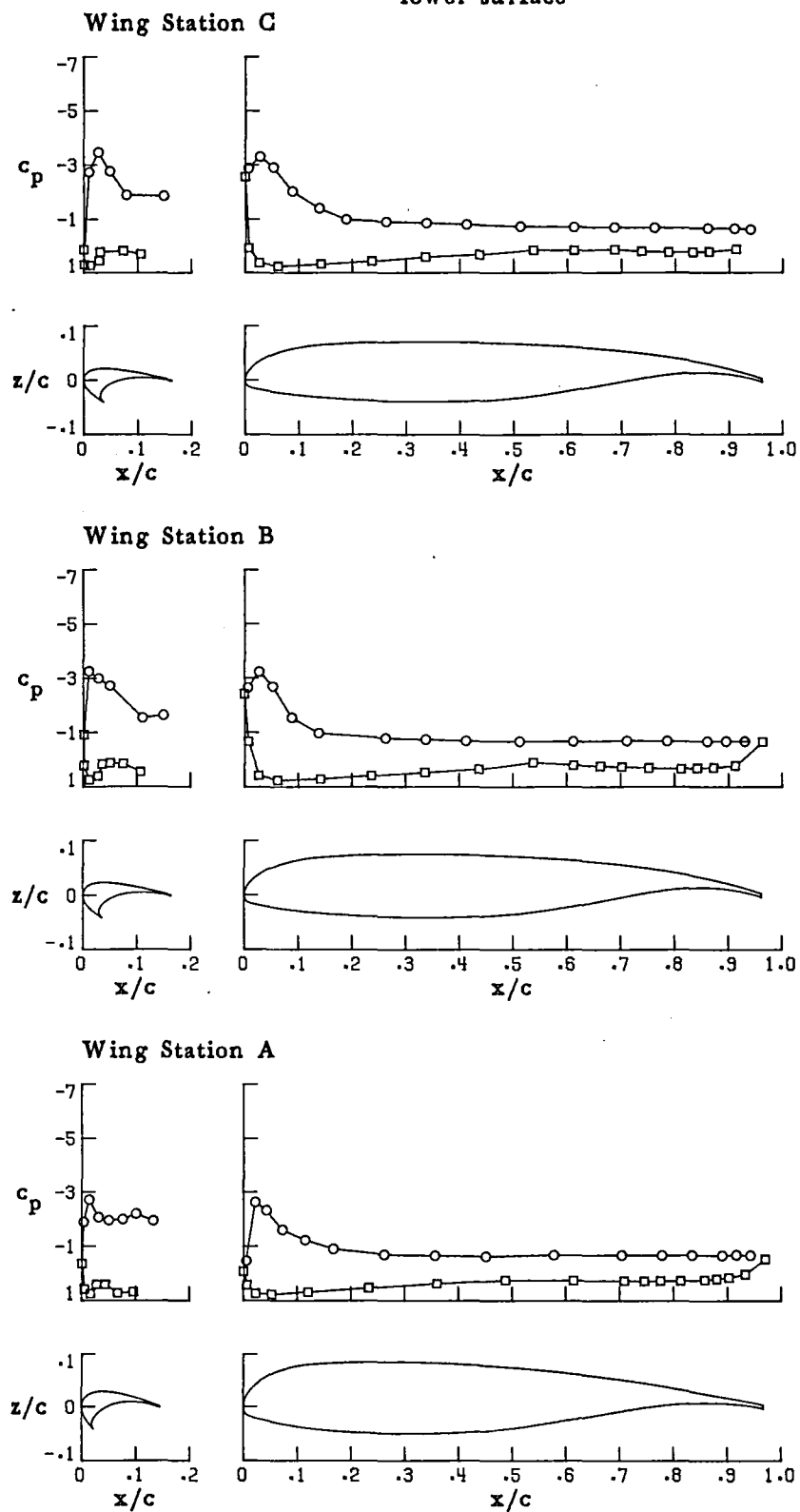
### Wing Station A



(h)  $\alpha = 24.327^\circ$

Figure 9-Continued.

○ upper surface  
 □ lower surface

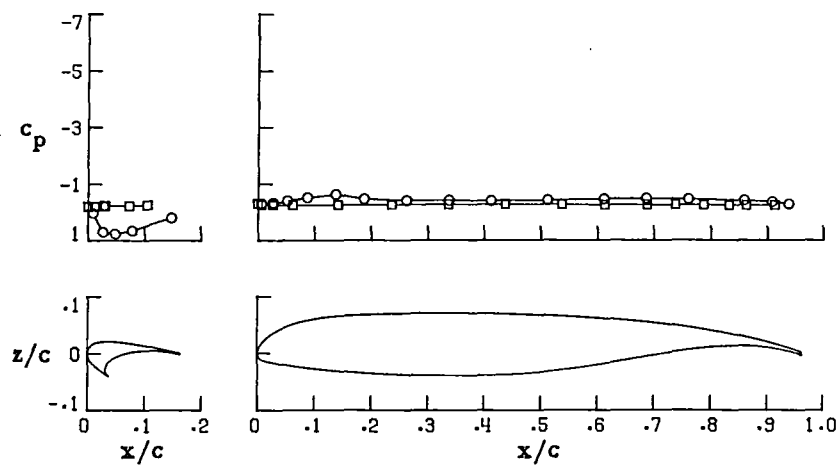


(i)  $\alpha = 28.372^\circ$

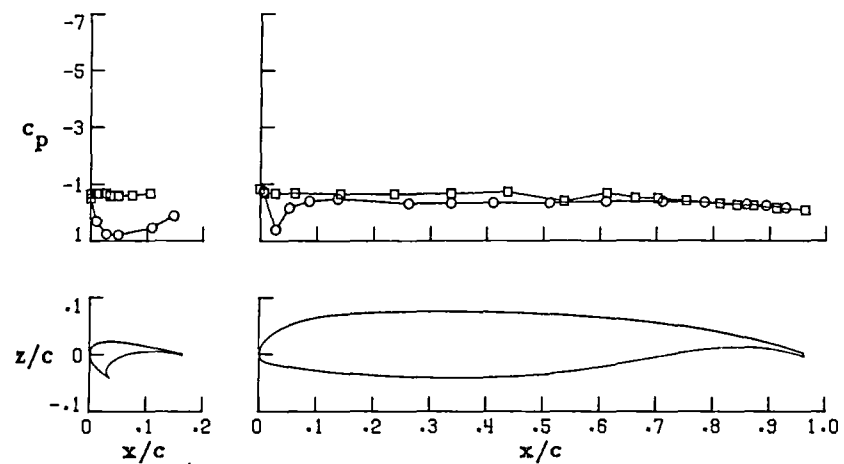
Figure 9.-Concluded.

○ upper surface  
□ lower surface

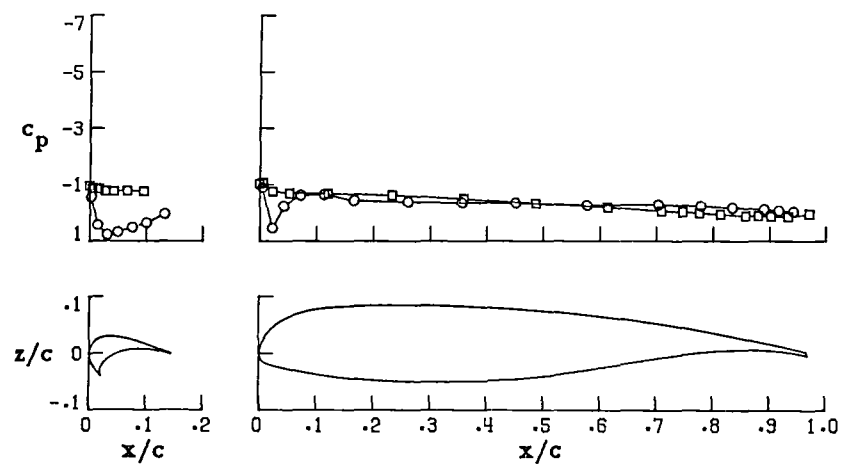
### Wing Station C



### Wing Station B



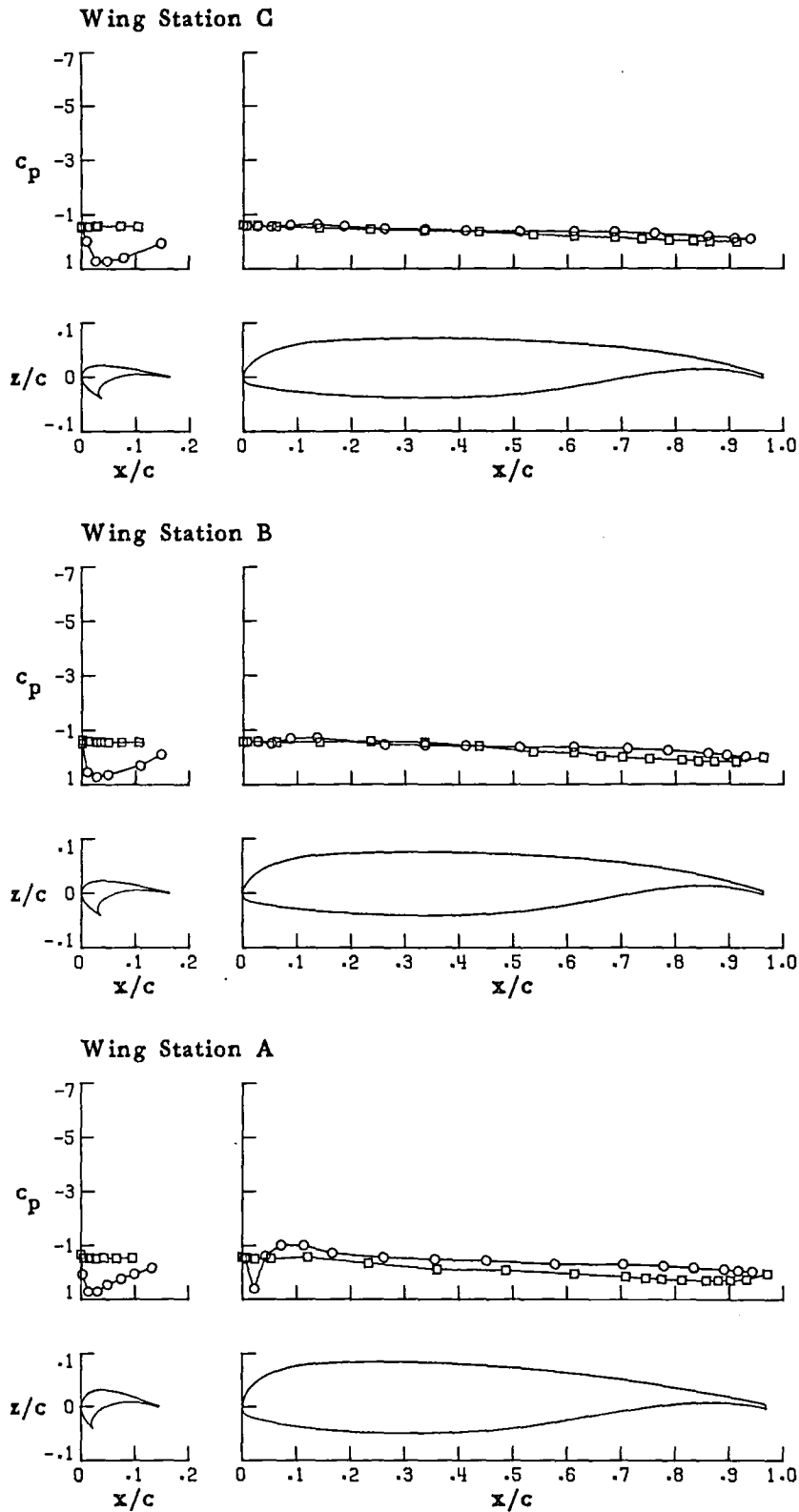
### Wing Station A



(a)  $\alpha = -4.010^\circ$

Figure 10. - Pressure distributions for aspect-ratio-10 climb wing configuration with  $-4.0^\circ$  deflection of inboard slat. (Run 20)

○ upper surface  
□ lower surface

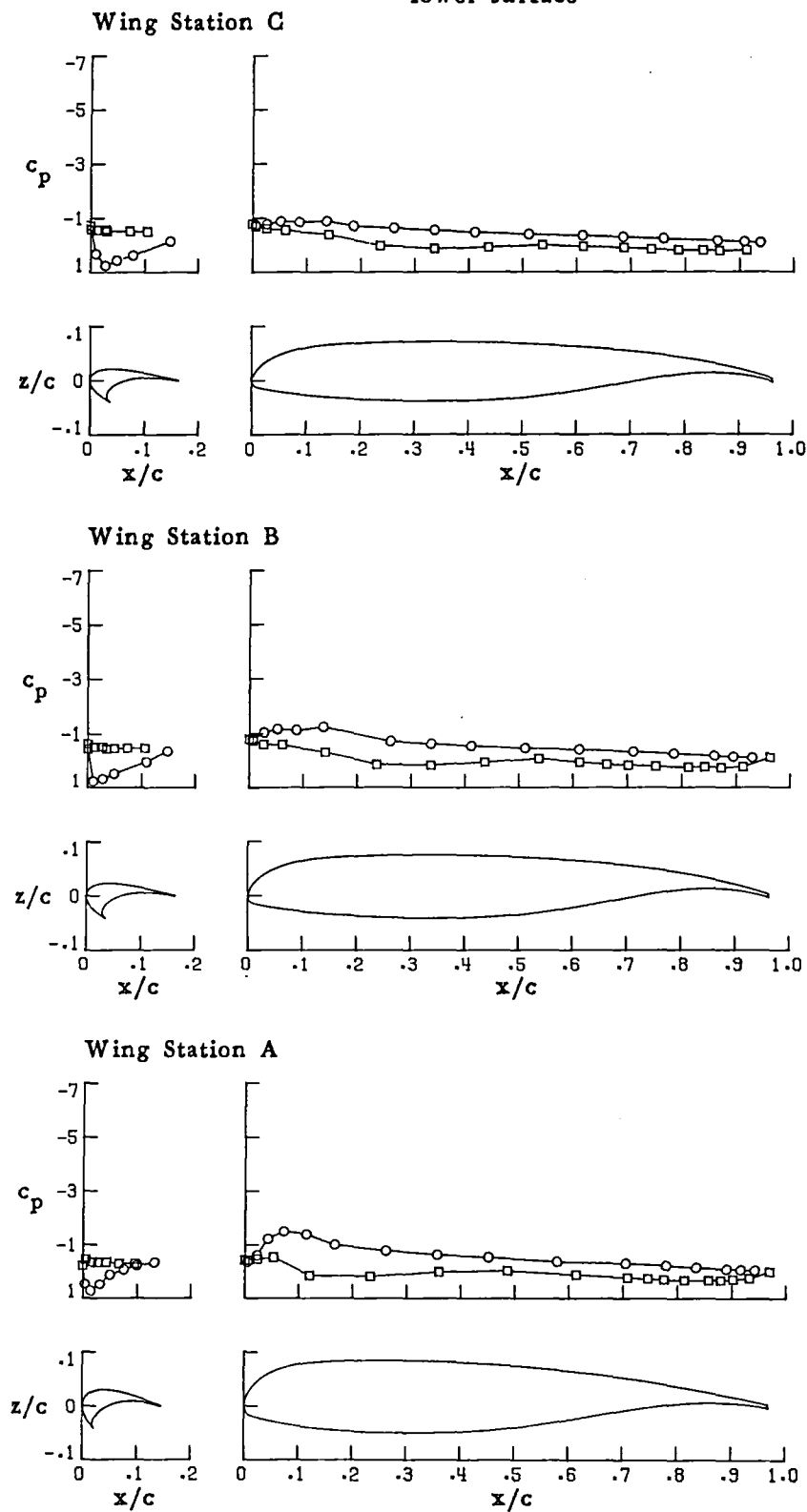


(b)  $\alpha = .002^\circ$

Figure 10.-Continued.



○ upper surface  
 □ lower surface

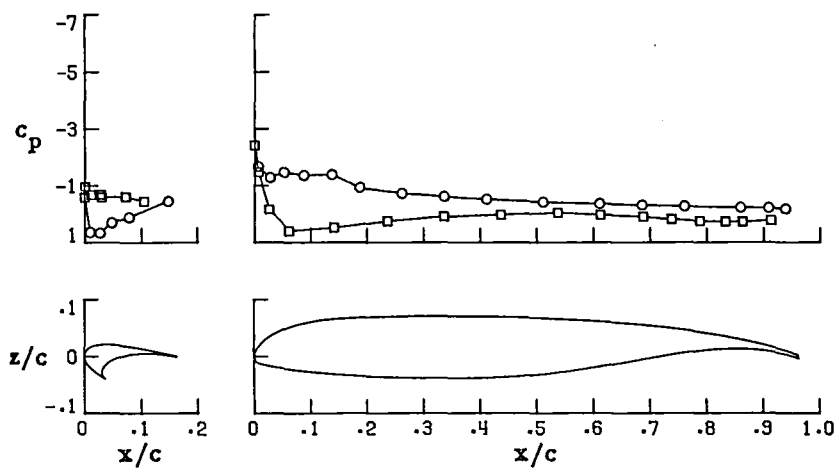


(c)  $\alpha = 4.070^\circ$

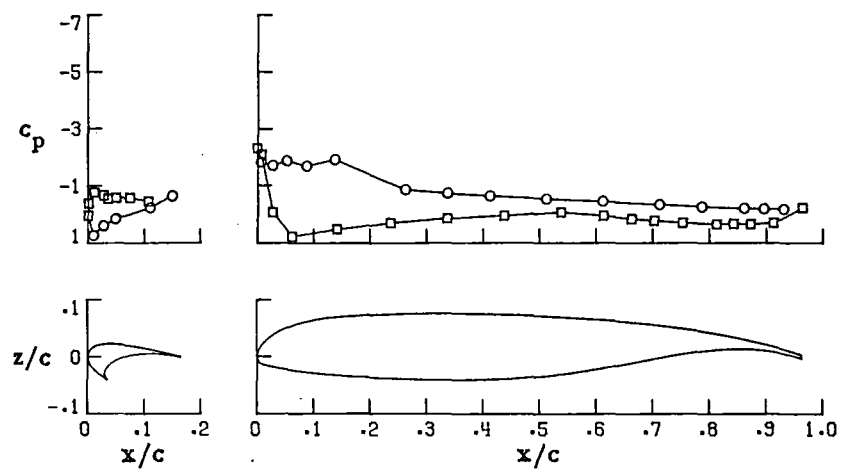
Figure 10.-Continued.

○ upper surface  
□ lower surface

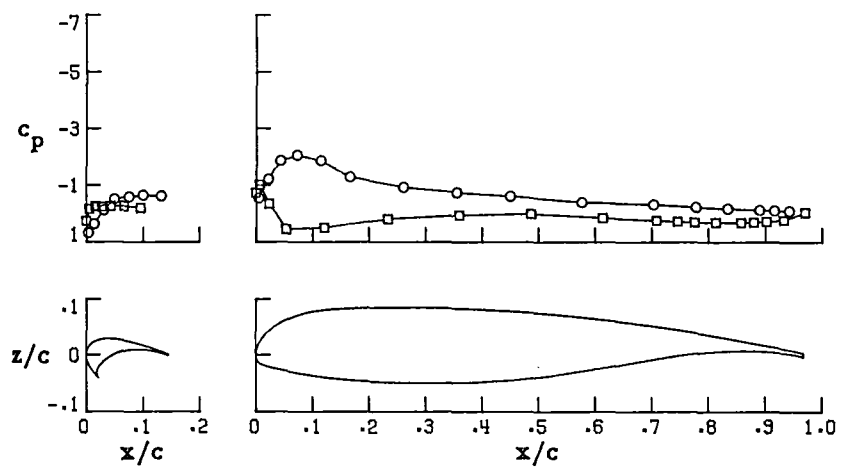
Wing Station C



Wing Station B



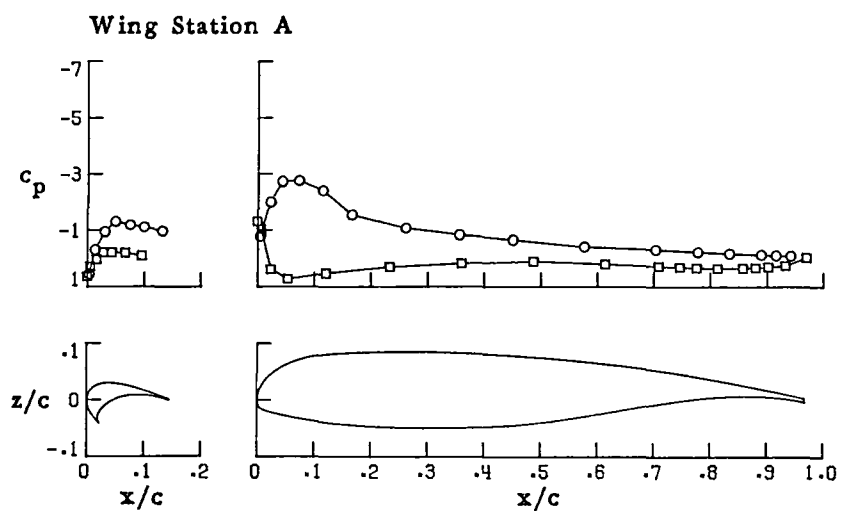
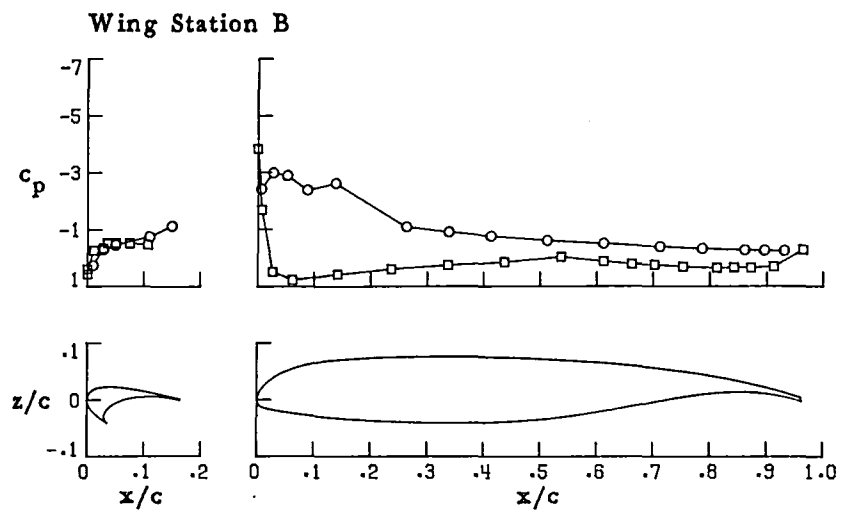
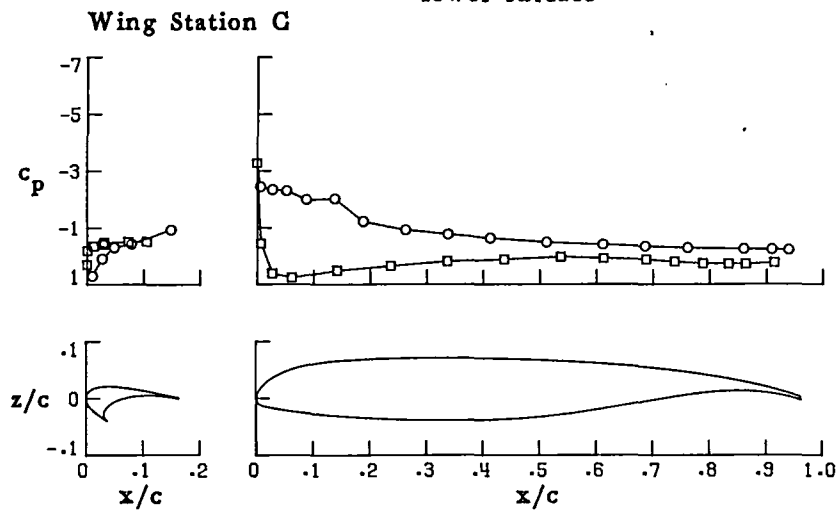
Wing Station A



(d)  $\alpha = 8.129^\circ$

Figure 10.-Continued.

○ upper surface  
 □ lower surface

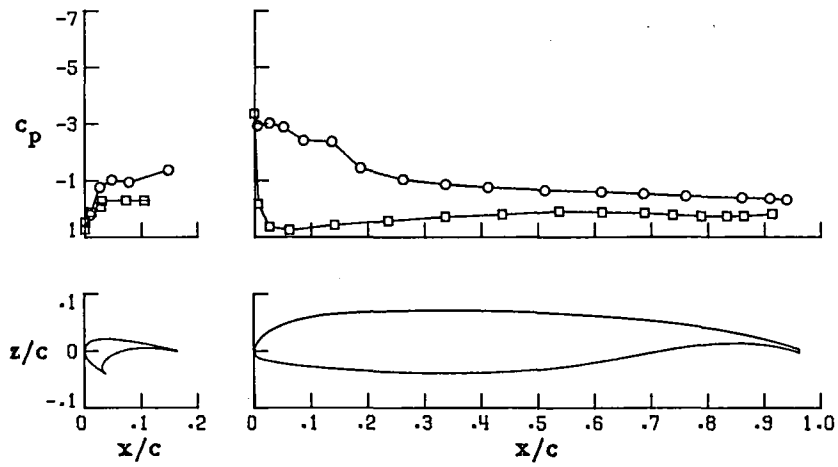


(e)  $\alpha = 12.184^\circ$

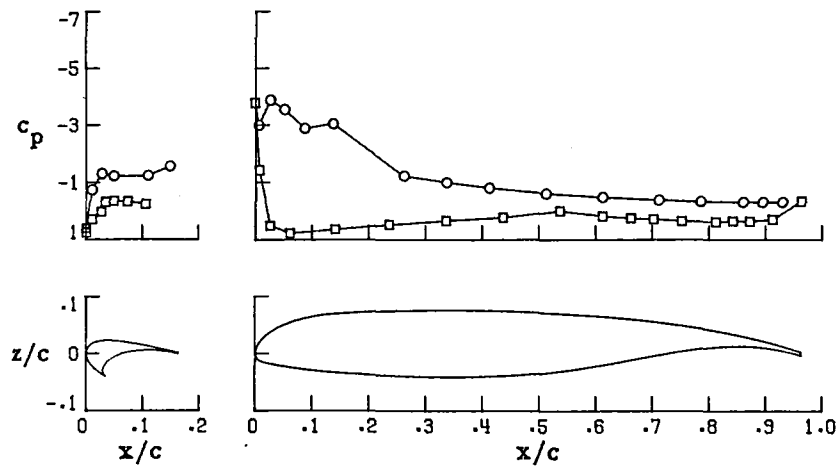
Figure 10.-Continued.

○ upper surface  
 □ lower surface

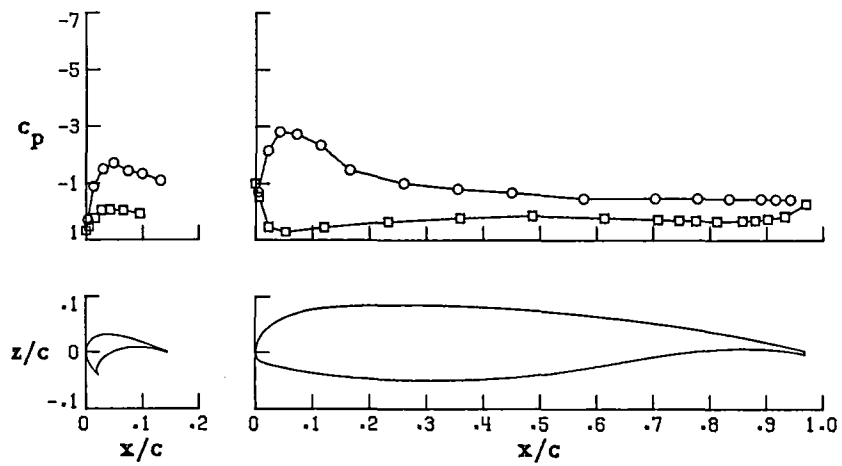
Wing Station C



Wing Station B



Wing Station A

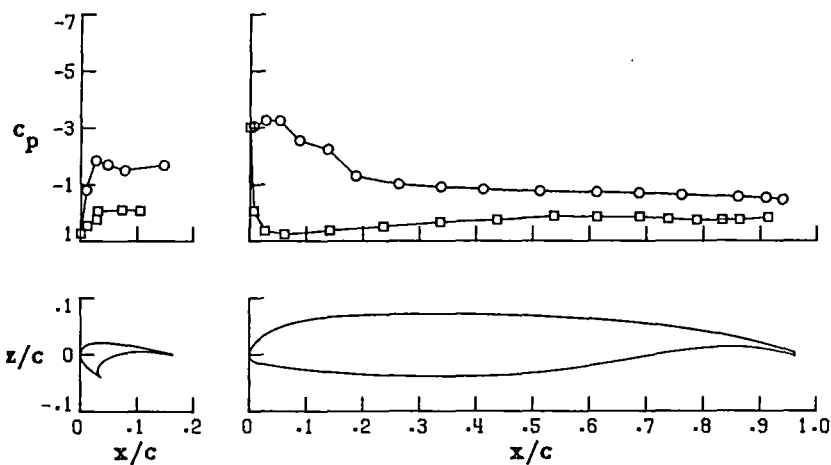


(f)  $\alpha = 16.285^\circ$

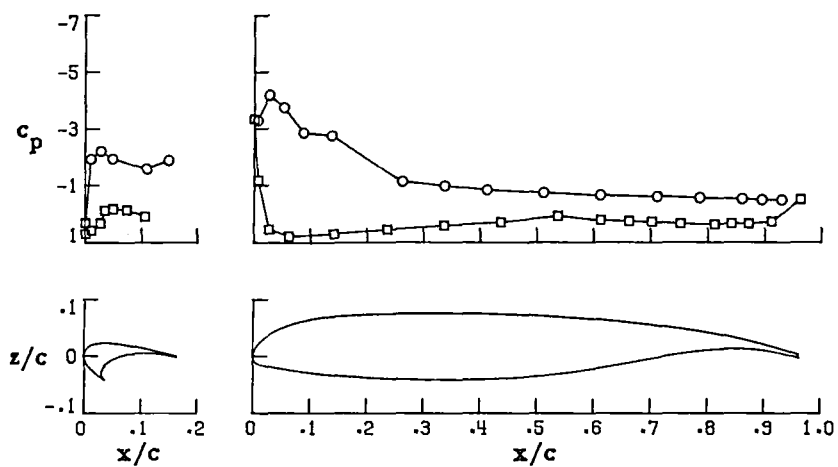
Figure 10.-Continued.

○ upper surface  
 □ lower surface

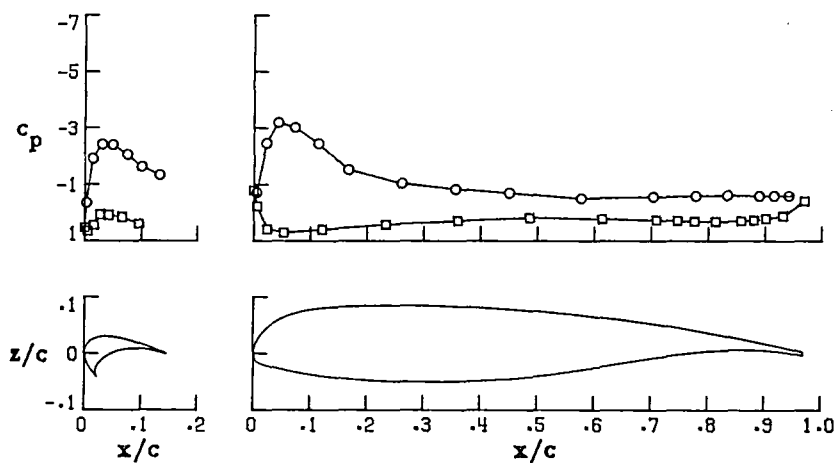
Wing Station C



Wing Station B



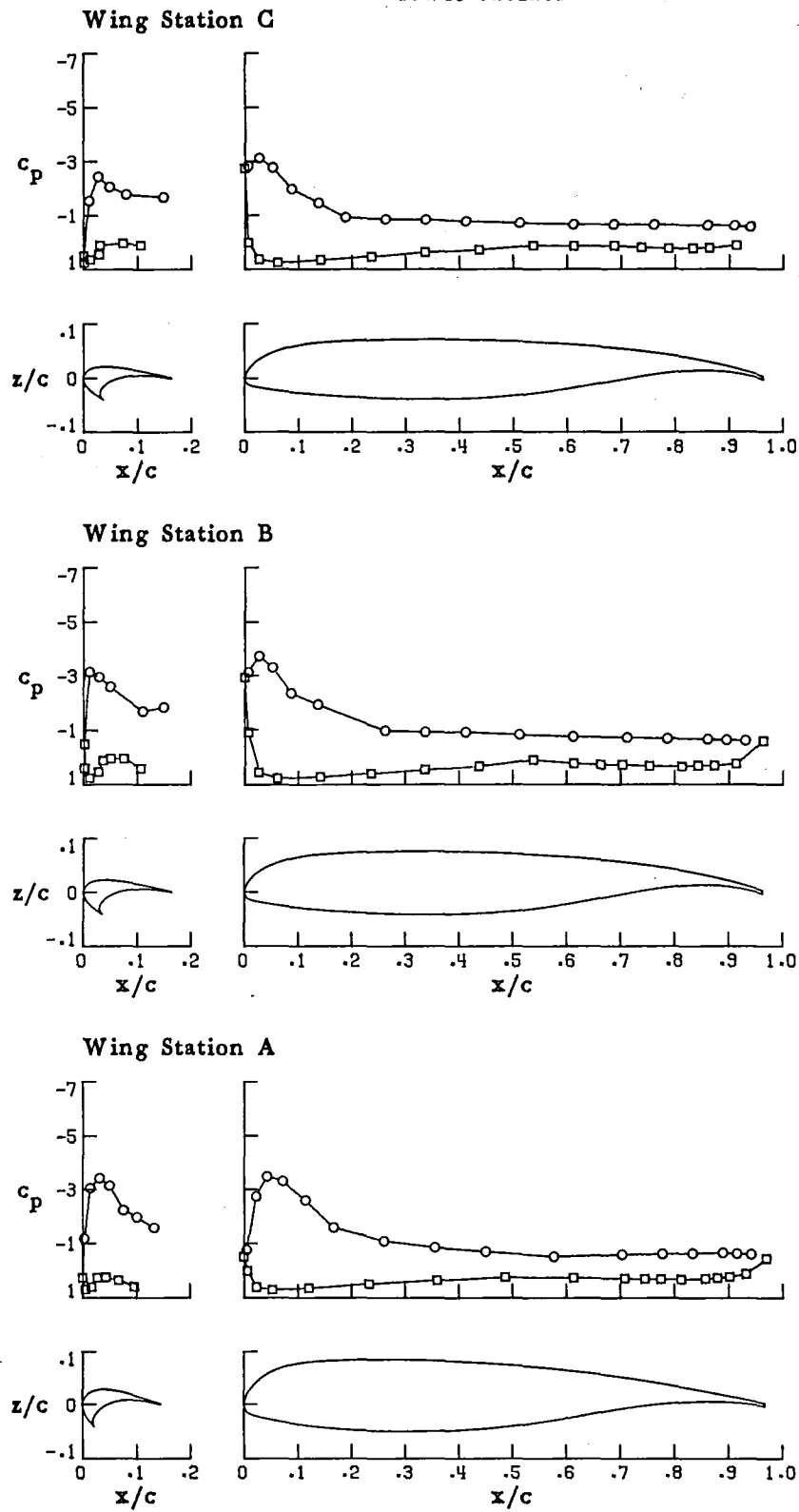
Wing Station A



(g)  $\alpha = 20.276^\circ$

Figure 10.-Continued.

○ upper surface  
 □ lower surface

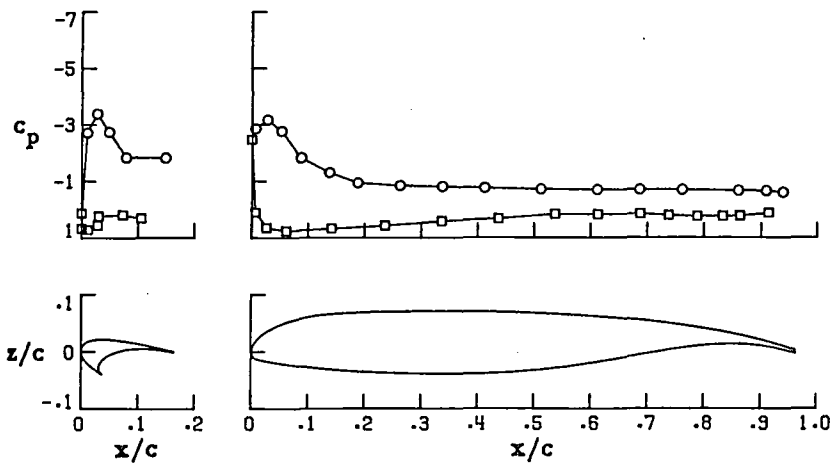


(h)  $\alpha = 24.845^\circ$

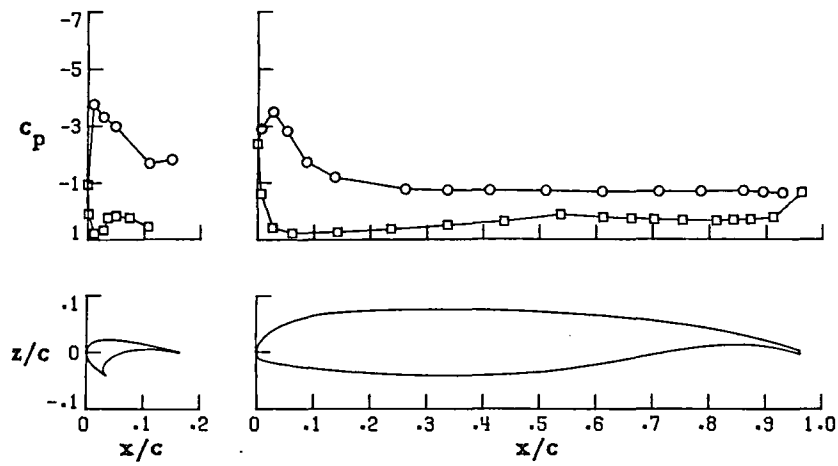
Figure 10.-Continued.

○ upper surface  
 □ lower surface

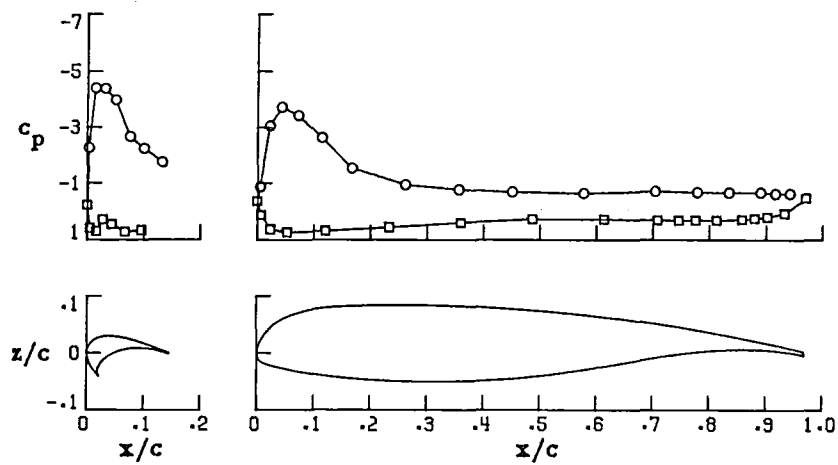
Wing Station C



Wing Station B

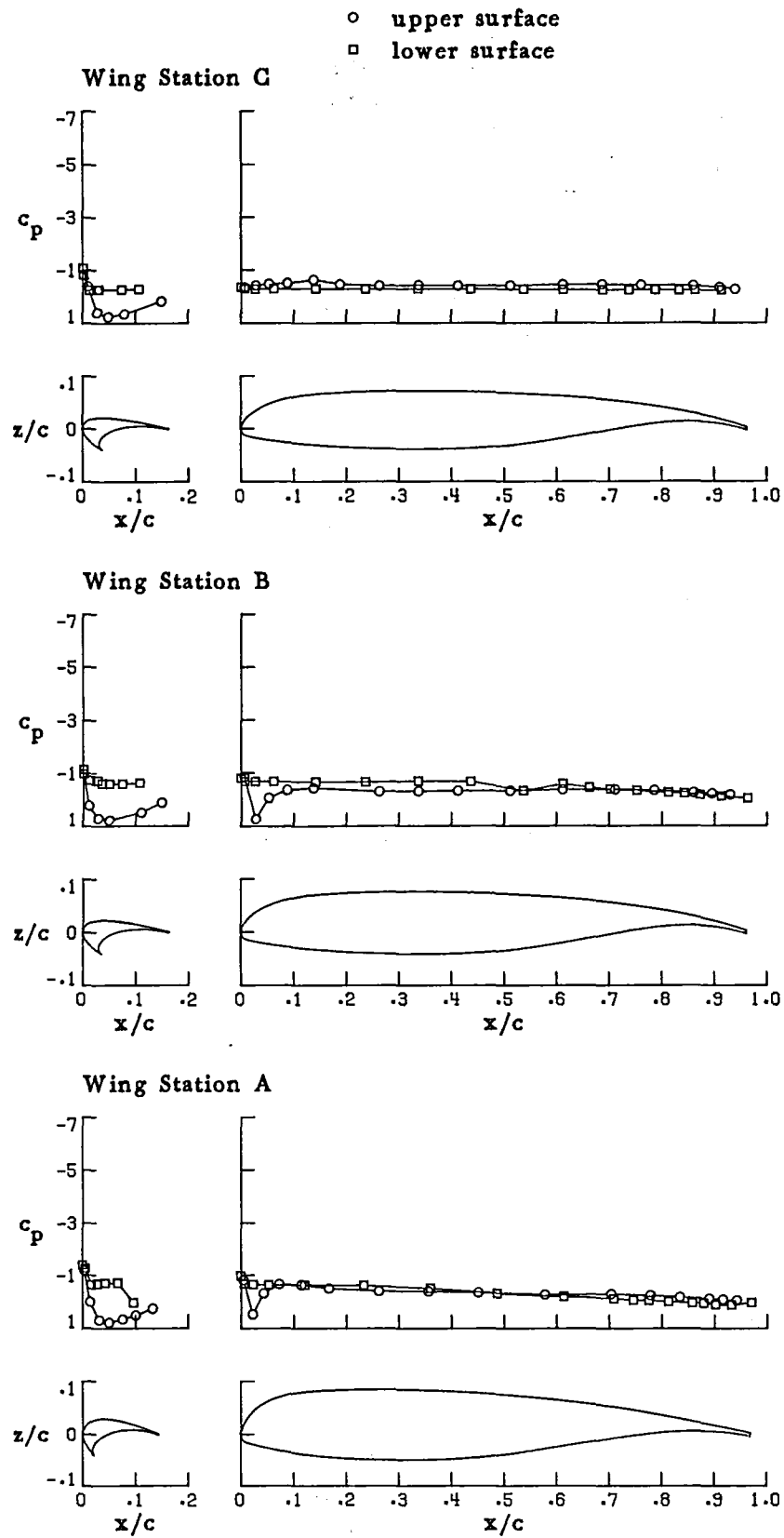


Wing Station A



(i)  $\alpha = 28.310^\circ$

Figure 10.-Concluded.

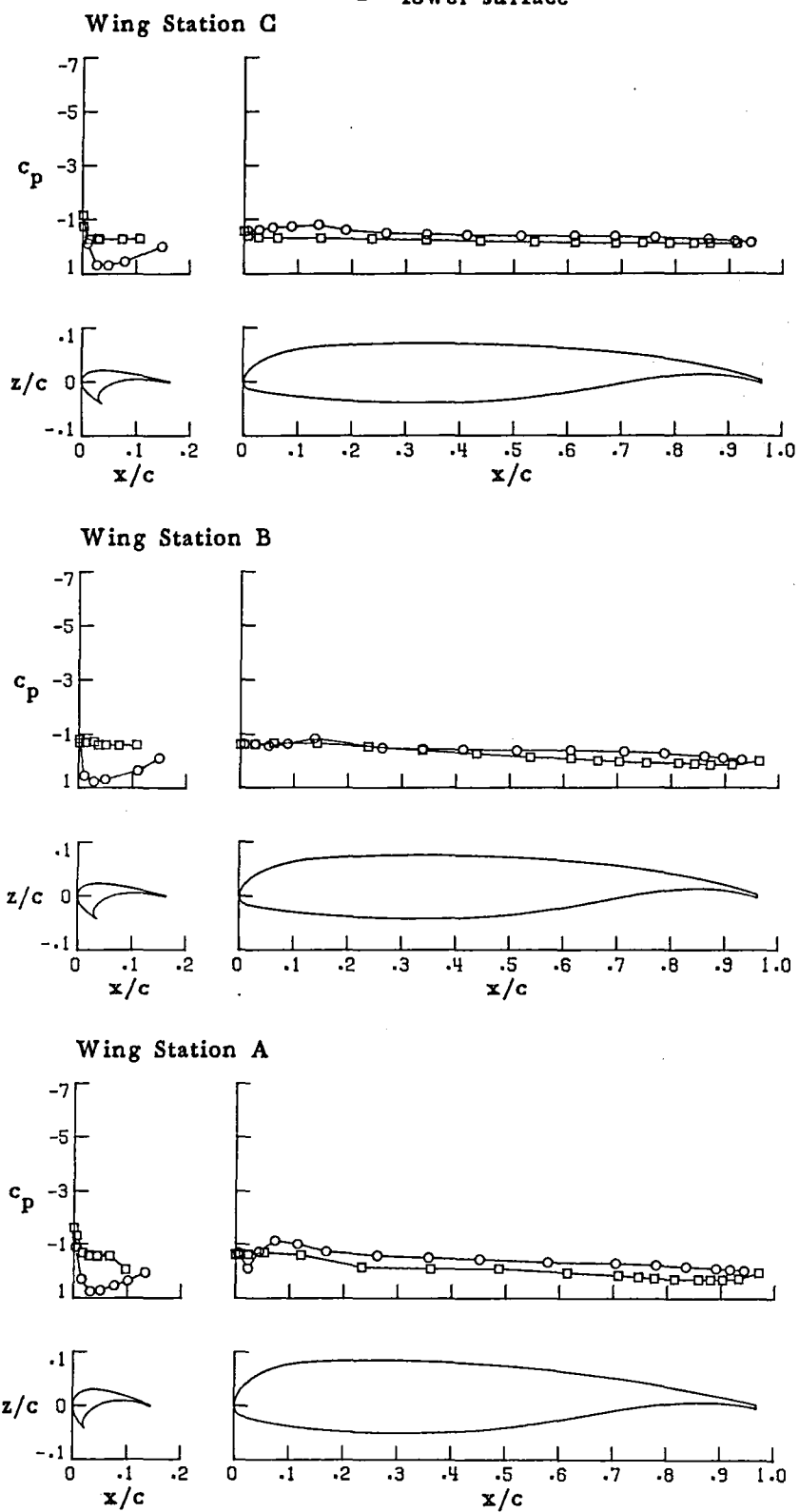


(a)  $\alpha = -4.063^\circ$

Figure 11. - Pressure distributions for aspect-ratio-10 climb wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 13)



○ upper surface  
 □ lower surface

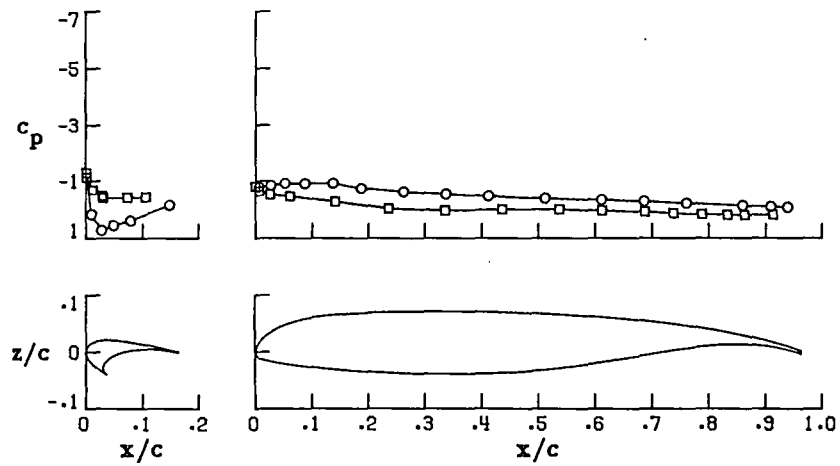


(b)  $\alpha = -0.035^\circ$

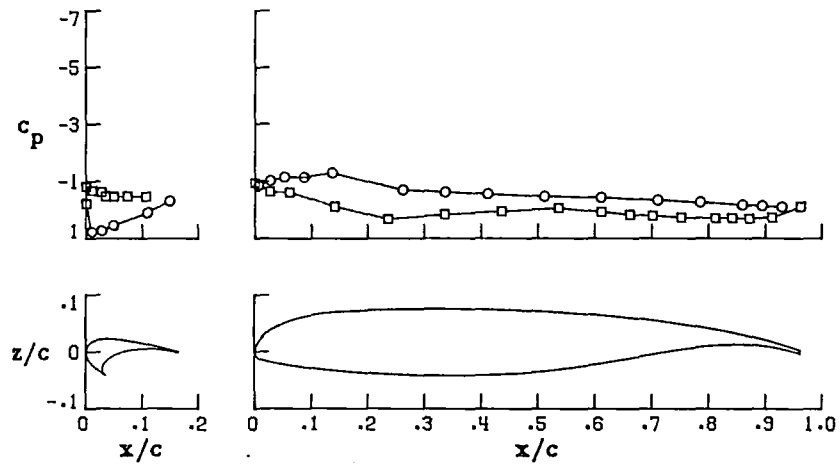
Figure 11.-Continued.

○ upper surface  
□ lower surface

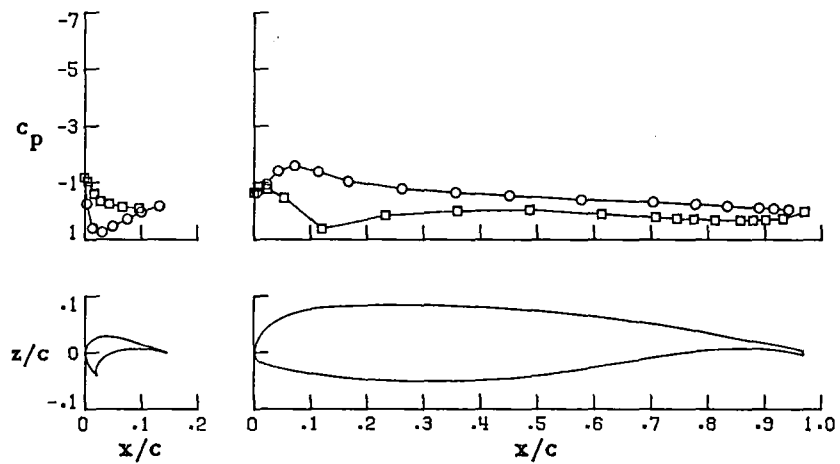
Wing Station C



Wing Station B



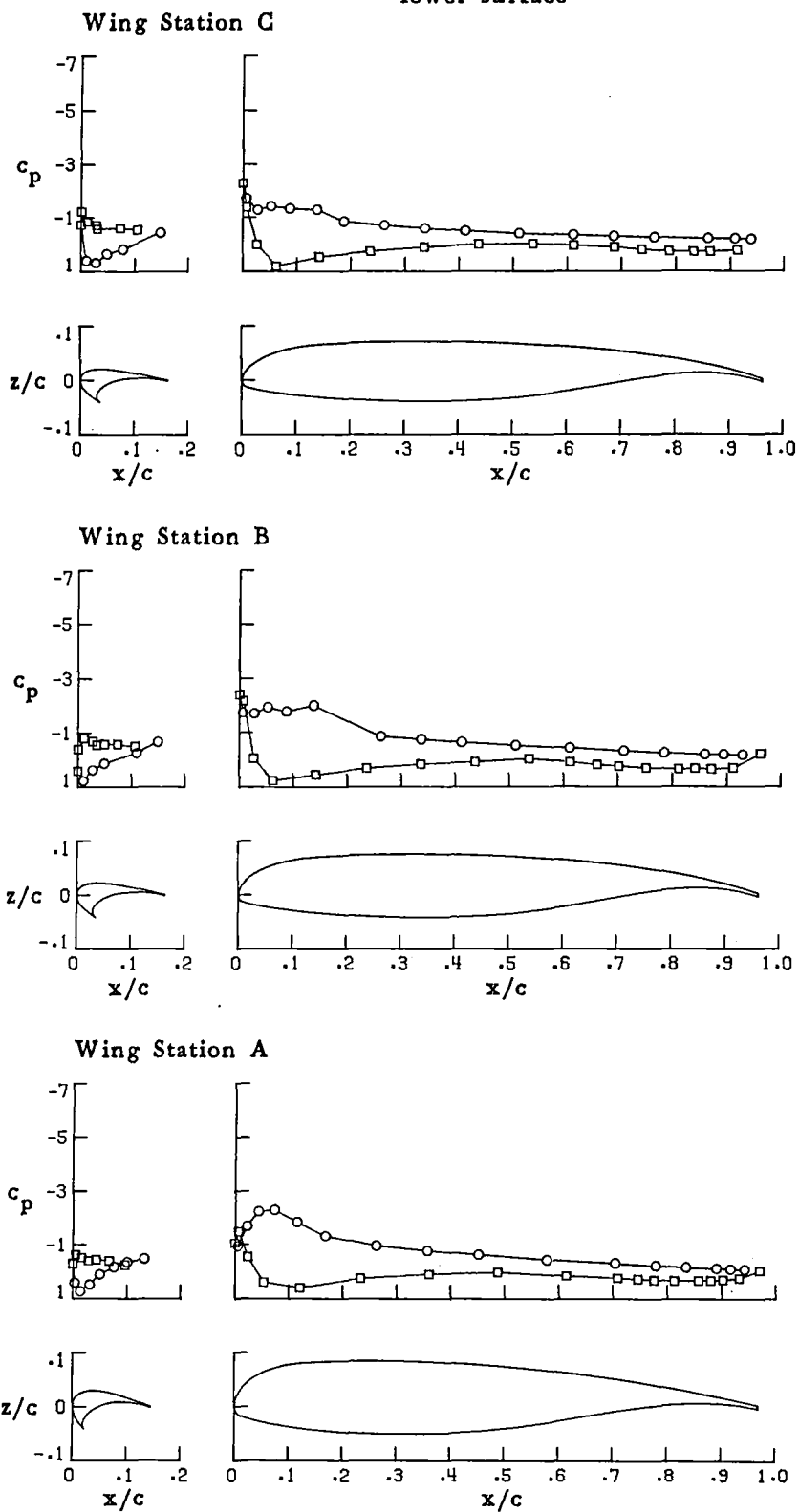
Wing Station A



(c)  $\alpha = 4.025^\circ$

Figure 11.-Continued.

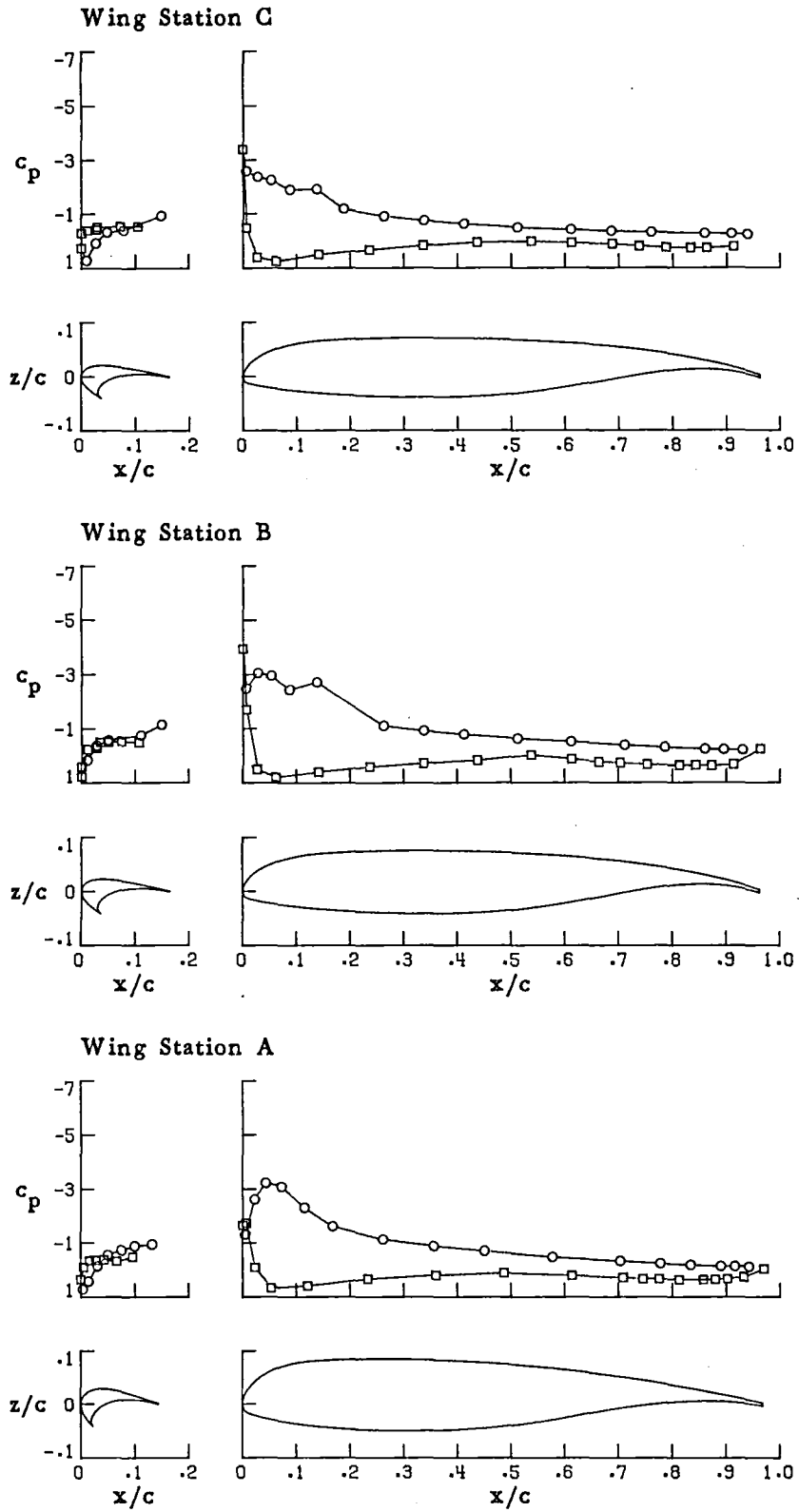
○ upper surface  
□ lower surface



(d)  $\alpha = 8.147^\circ$

Figure 11.-Continued.

○ upper surface  
□ lower surface

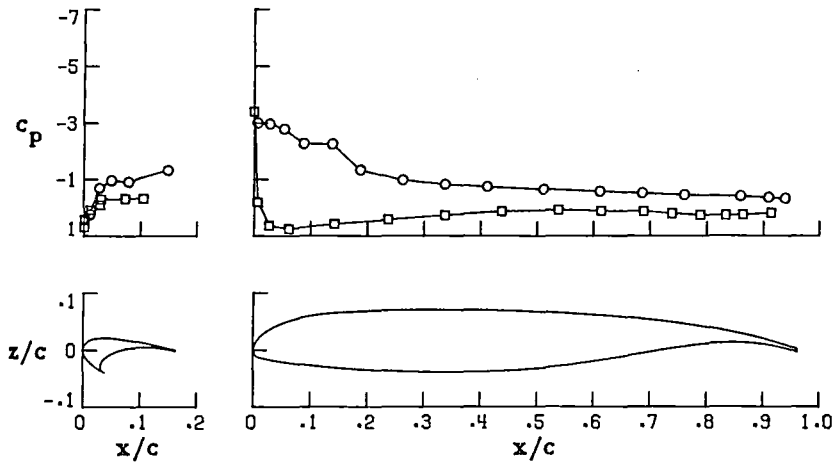


(e)  $\alpha = 12.167^\circ$

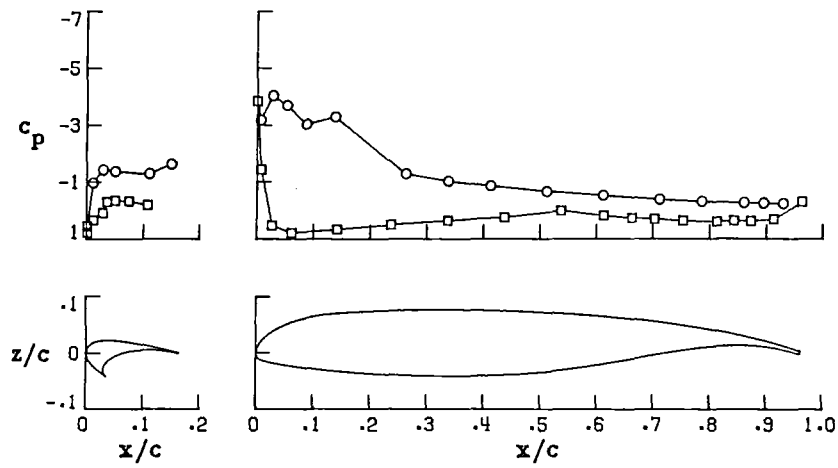
Figure 11.-Continued.

○ upper surface  
 □ lower surface

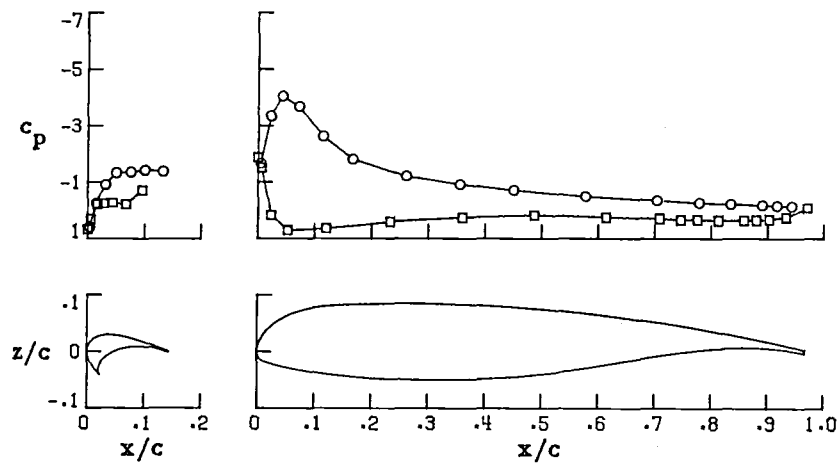
Wing Station C



Wing Station B



Wing Station A

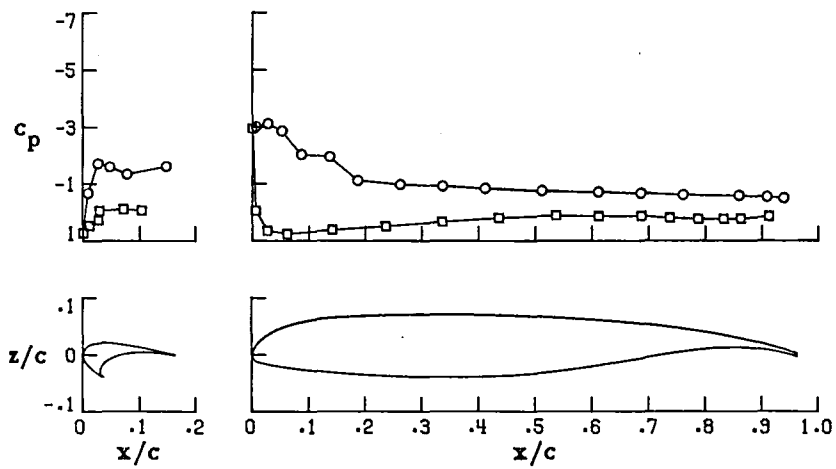


(f)  $\alpha = 16.189^\circ$

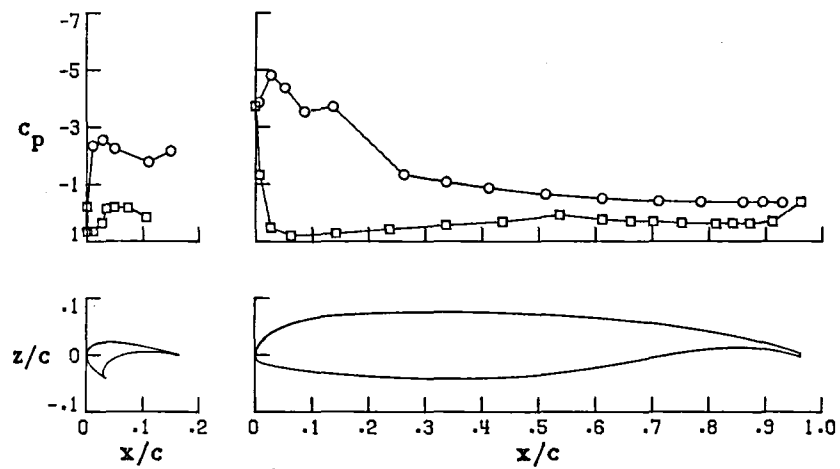
Figure 11.-Continued.

○ upper surface  
 □ lower surface

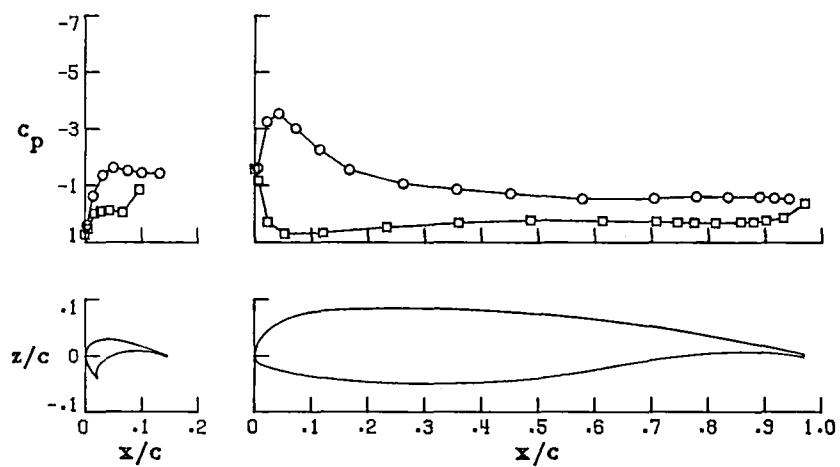
Wing Station C



Wing Station B



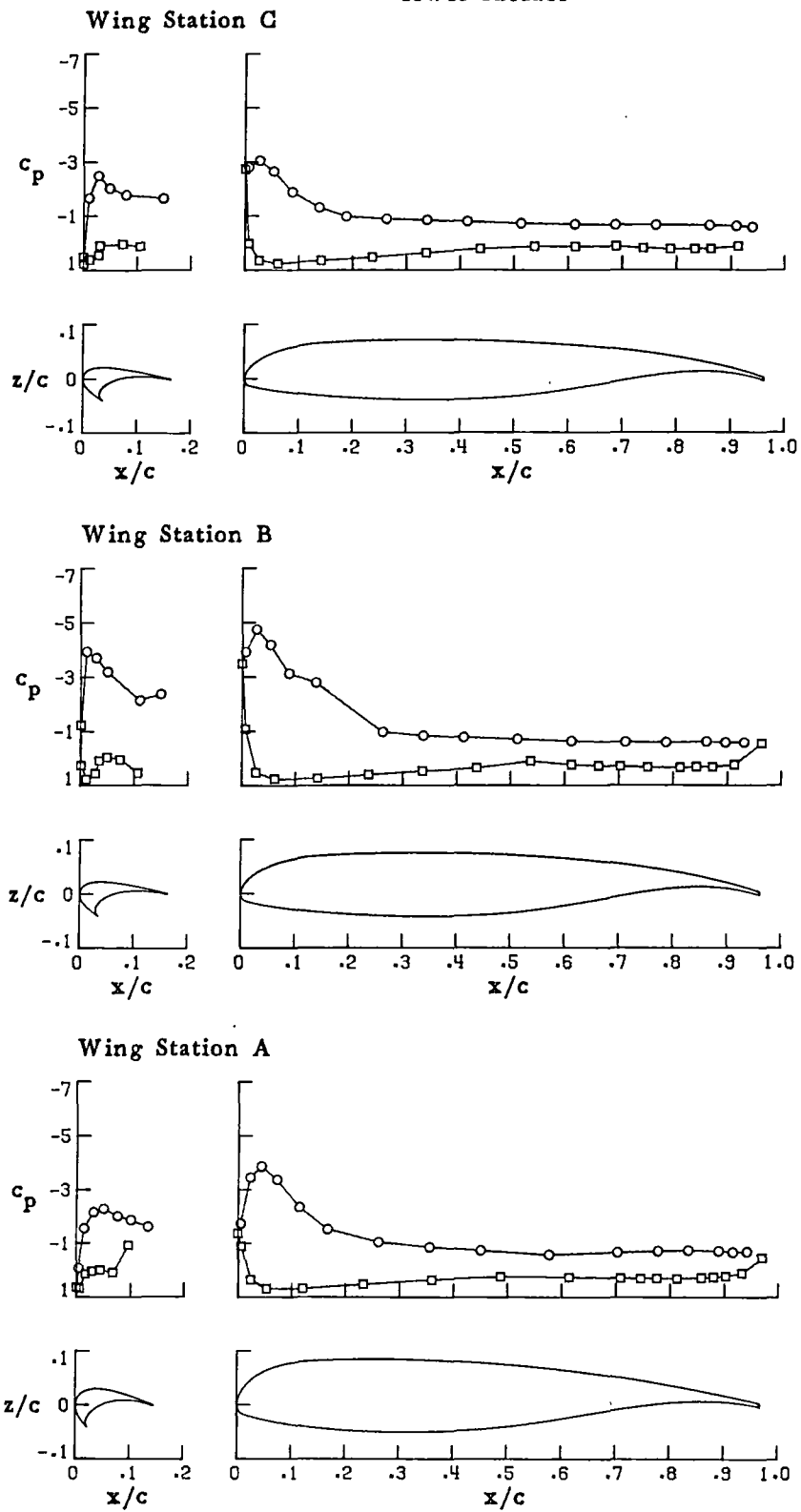
Wing Station A



(g)  $\alpha = 20.279^\circ$

Figure 11.-Continued.

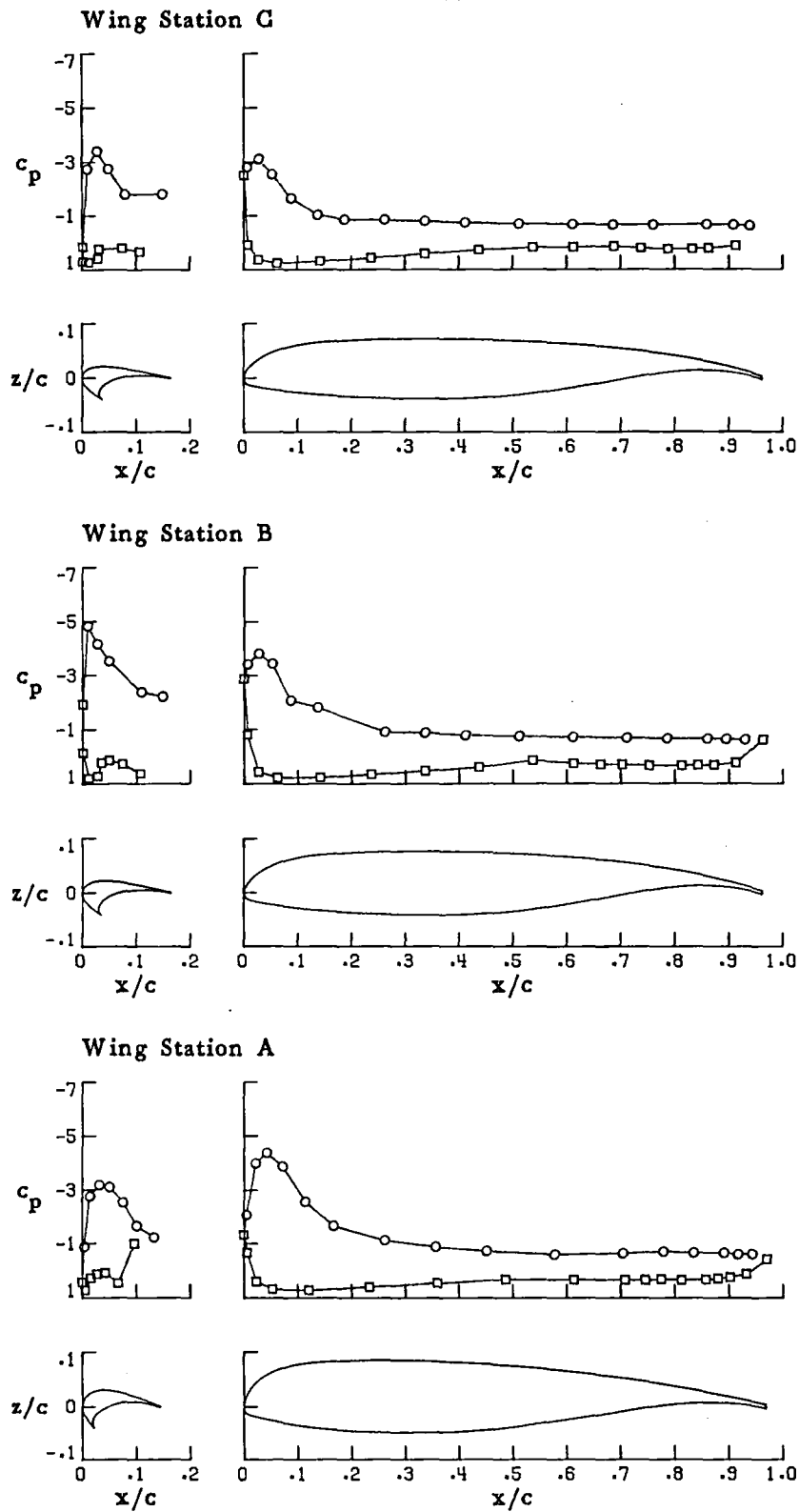
○ upper surface  
 □ lower surface



(h)  $\alpha = 24.301^\circ$

Figure 11.-Continued.

○ upper surface  
 □ lower surface

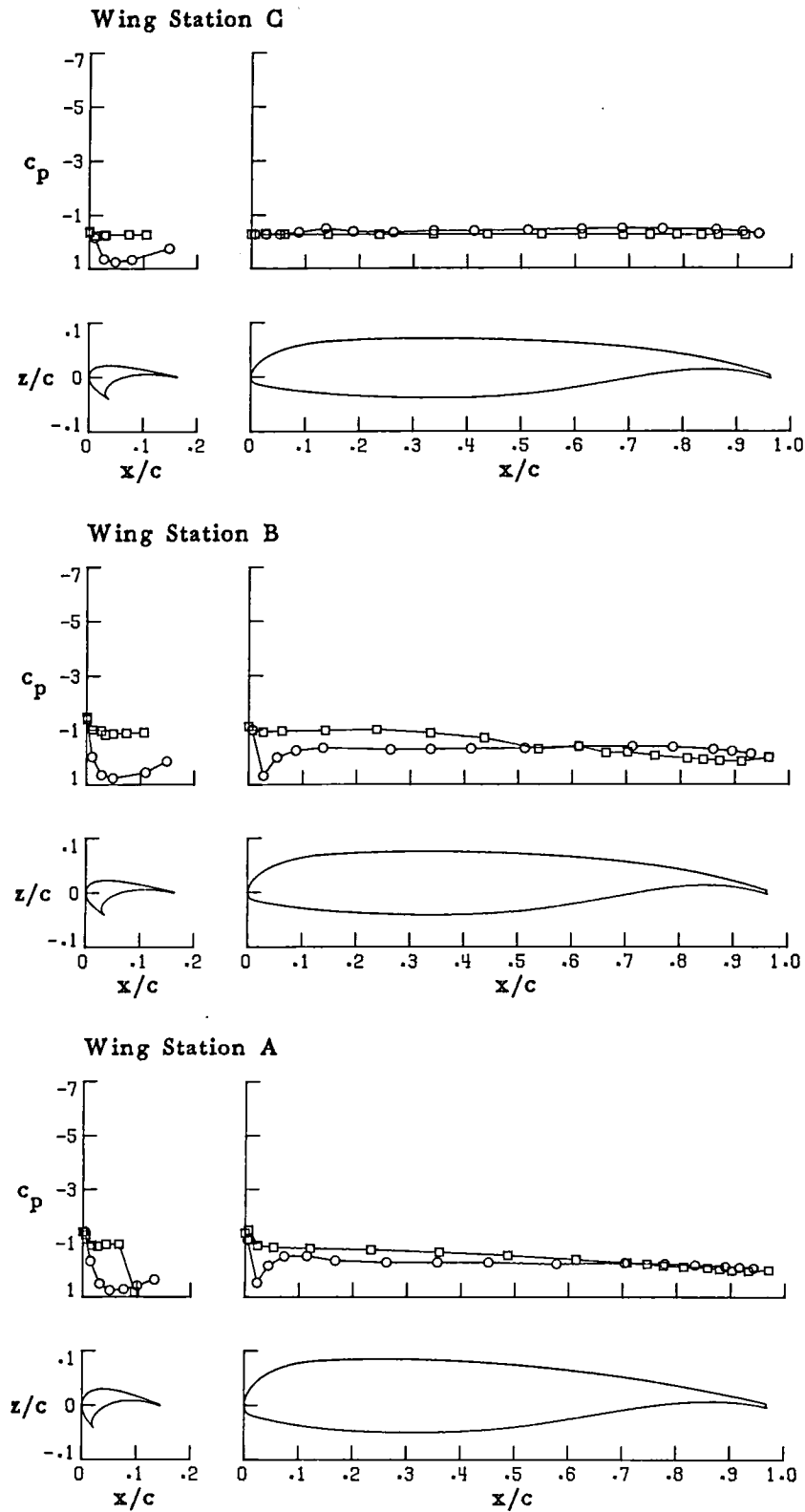


(i)  $\alpha = 28.337^\circ$

Figure 11.-Concluded.



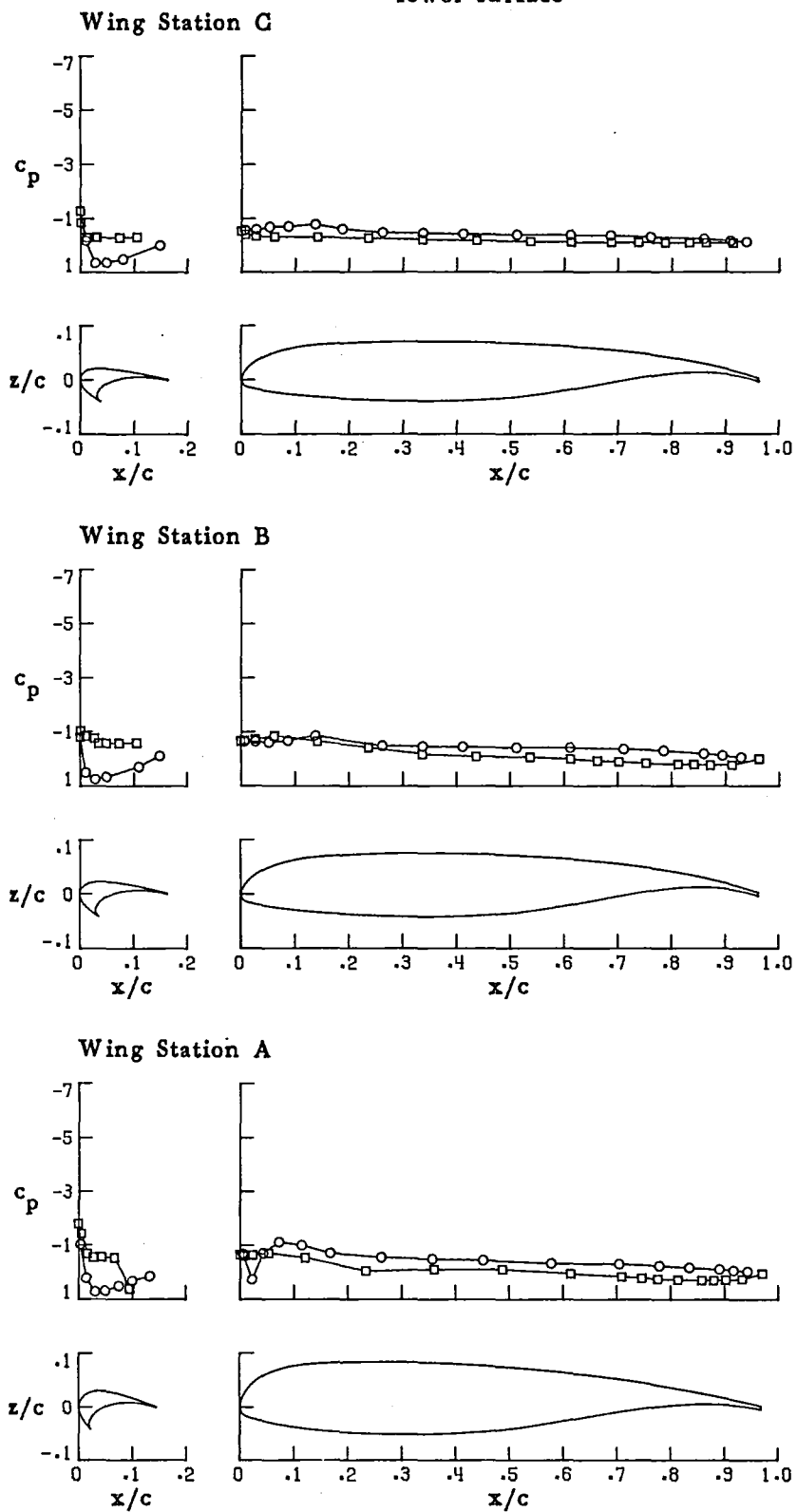
○ upper surface  
 □ lower surface



(a)  $\alpha = -6.099^\circ$

Figure 12. - Pressure distributions for aspect-ratio-10 climb wing configuration with  $-50^\circ$  deflection of inboard slat and nacelles off. (Run 12)

○ upper surface  
 □ lower surface

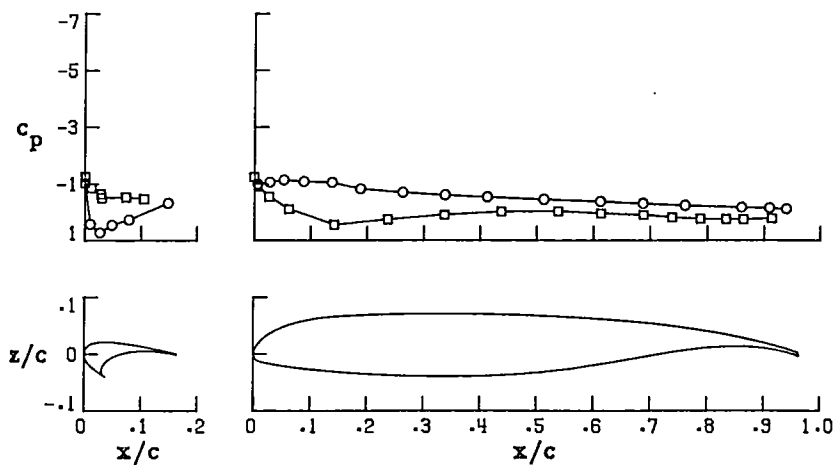


(b)  $\alpha = -0.058^\circ$

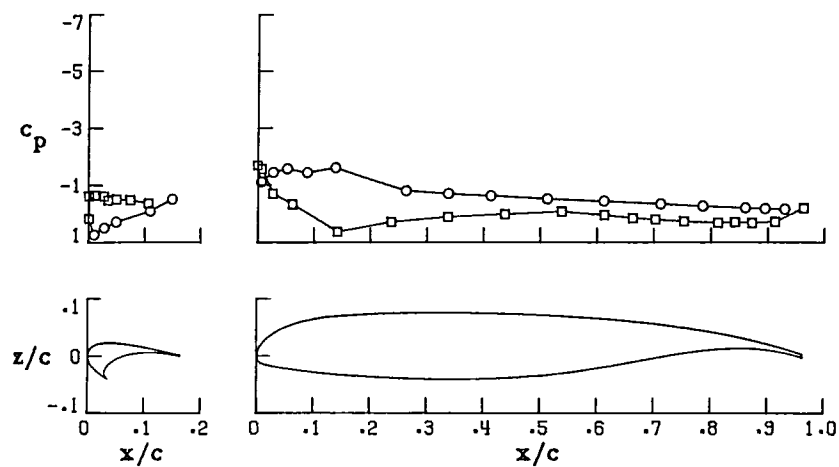
Figure 12.-Continued.

○ upper surface  
 □ lower surface

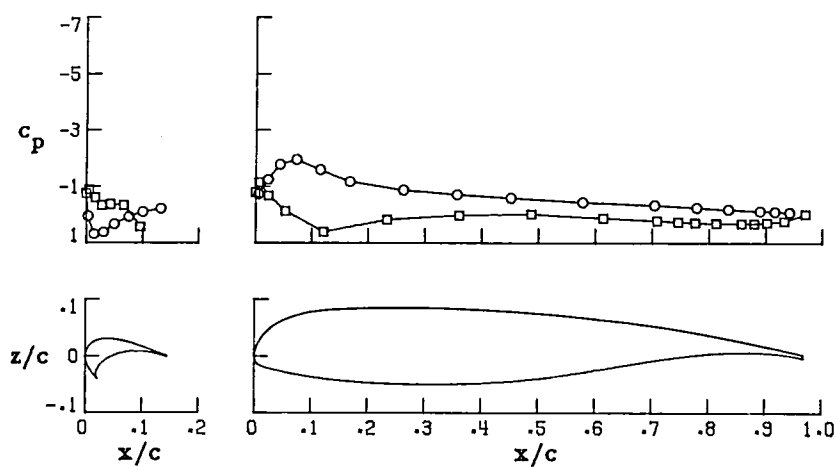
Wing Station C



Wing Station B



Wing Station A

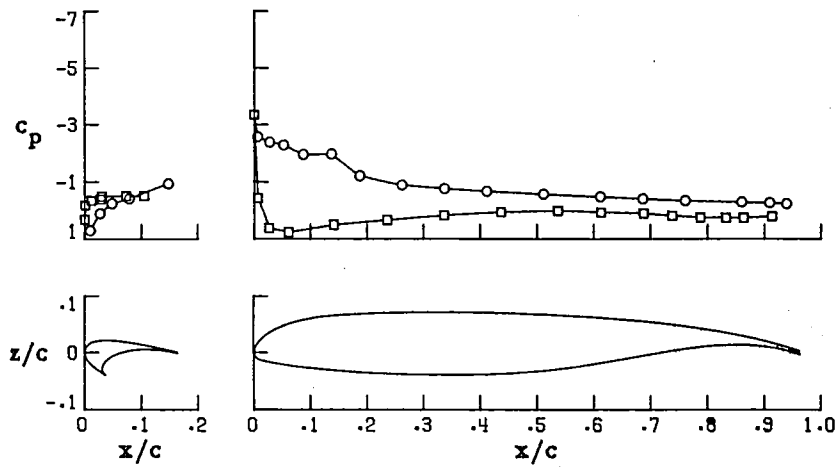


(c)  $\alpha = 6.089^\circ$

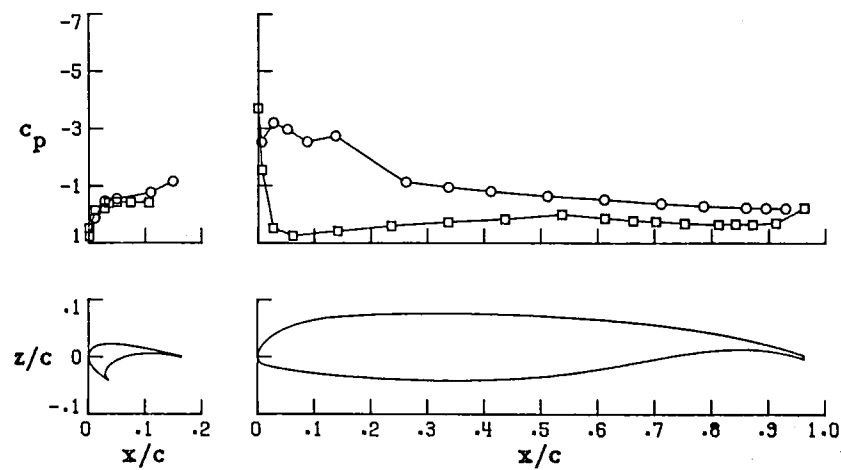
Figure 12-Continued.

○ upper surface  
□ lower surface

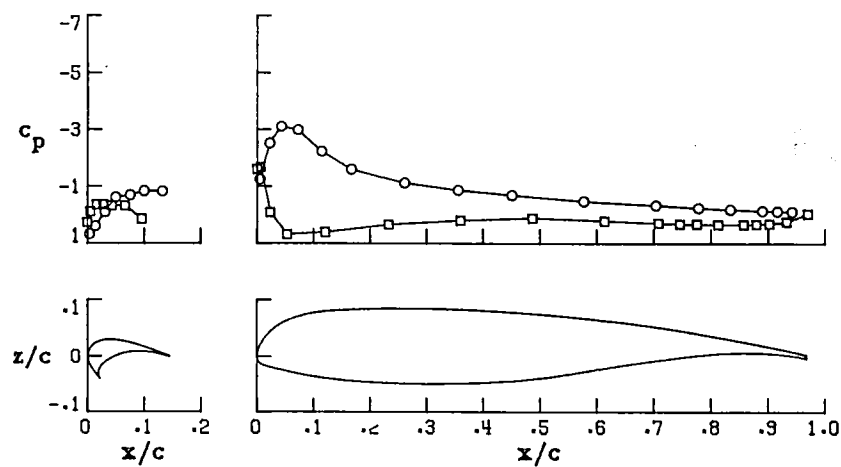
Wing Station C



Wing Station B



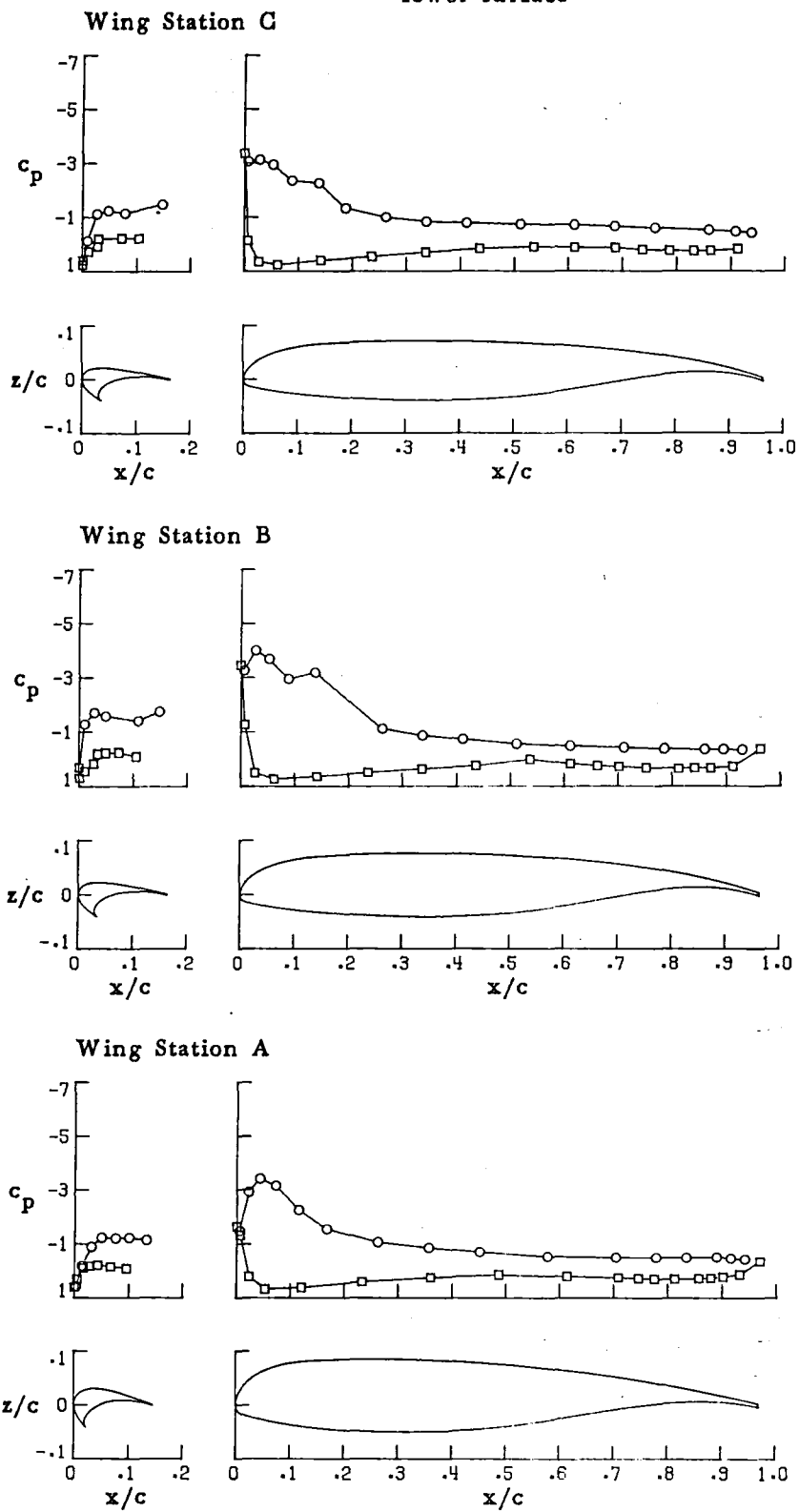
Wing Station A



(d)  $\alpha = 12.167^\circ$

Figure 12.-Continued.

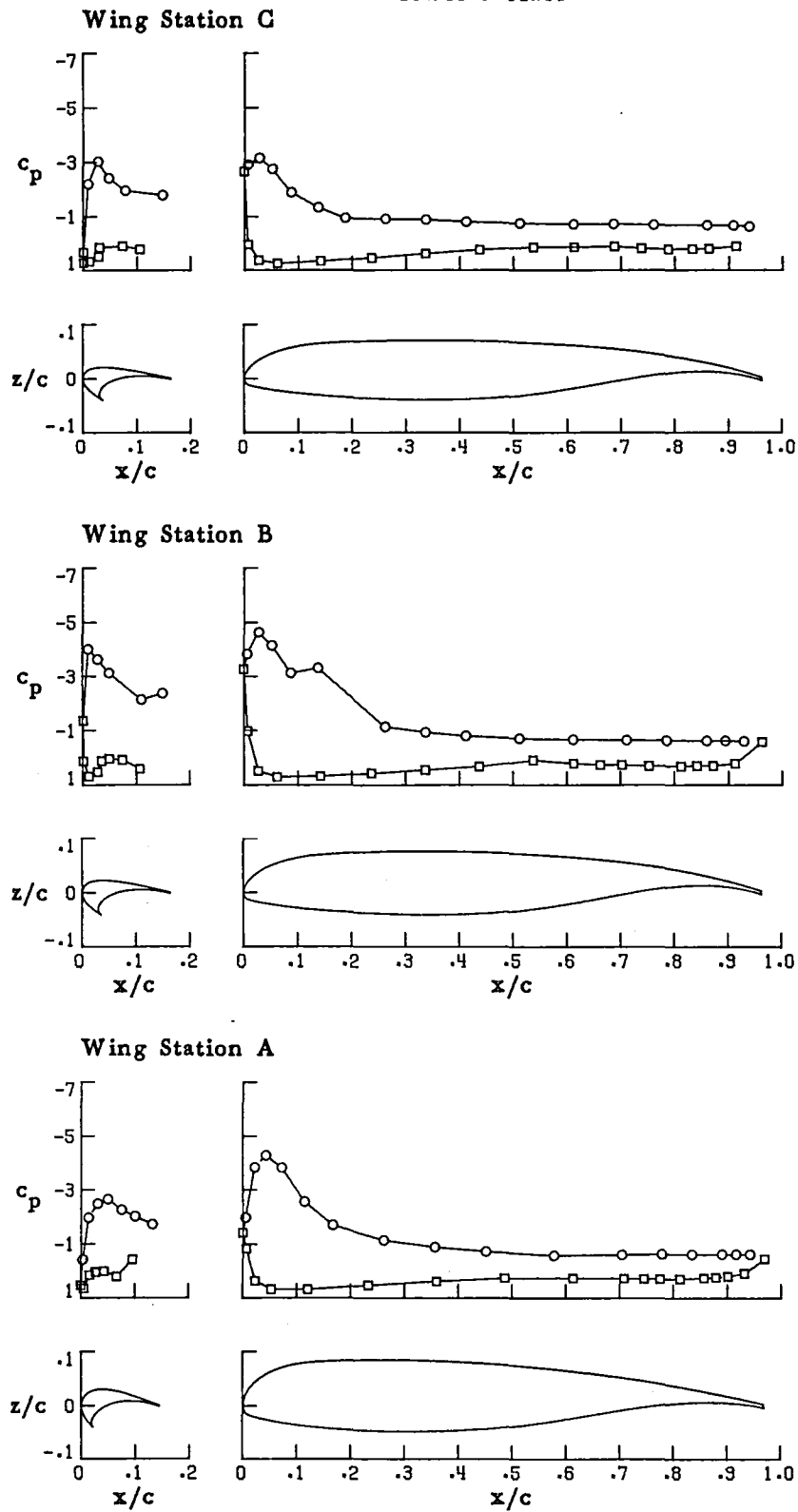
○ upper surface  
 □ lower surface



(e)  $\alpha = 18.203^\circ$

Figure 12.-Continued.

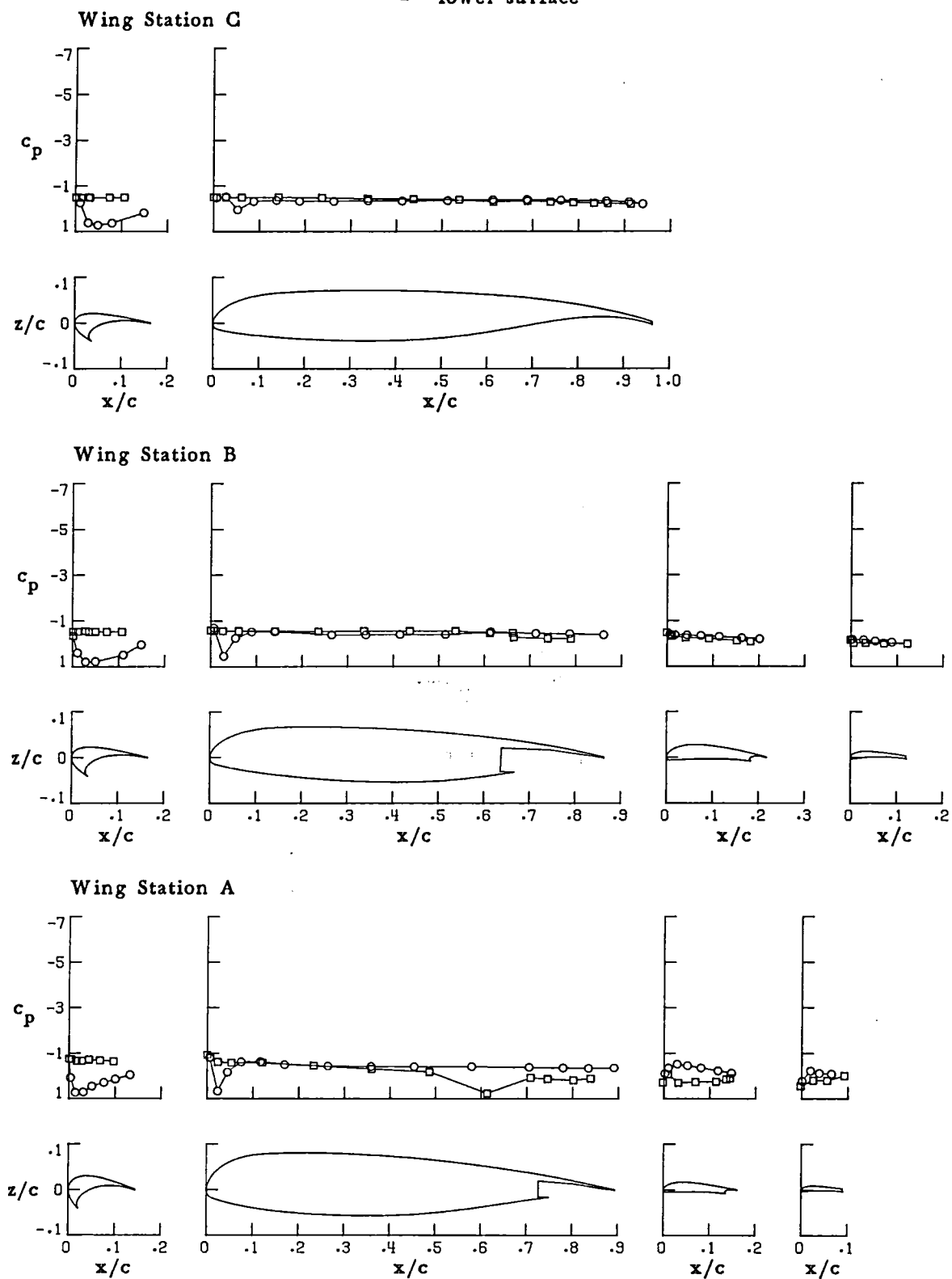
○ upper surface  
 □ lower surface



(f)  $\alpha = 26.322^\circ$

Figure 12.-Concluded.

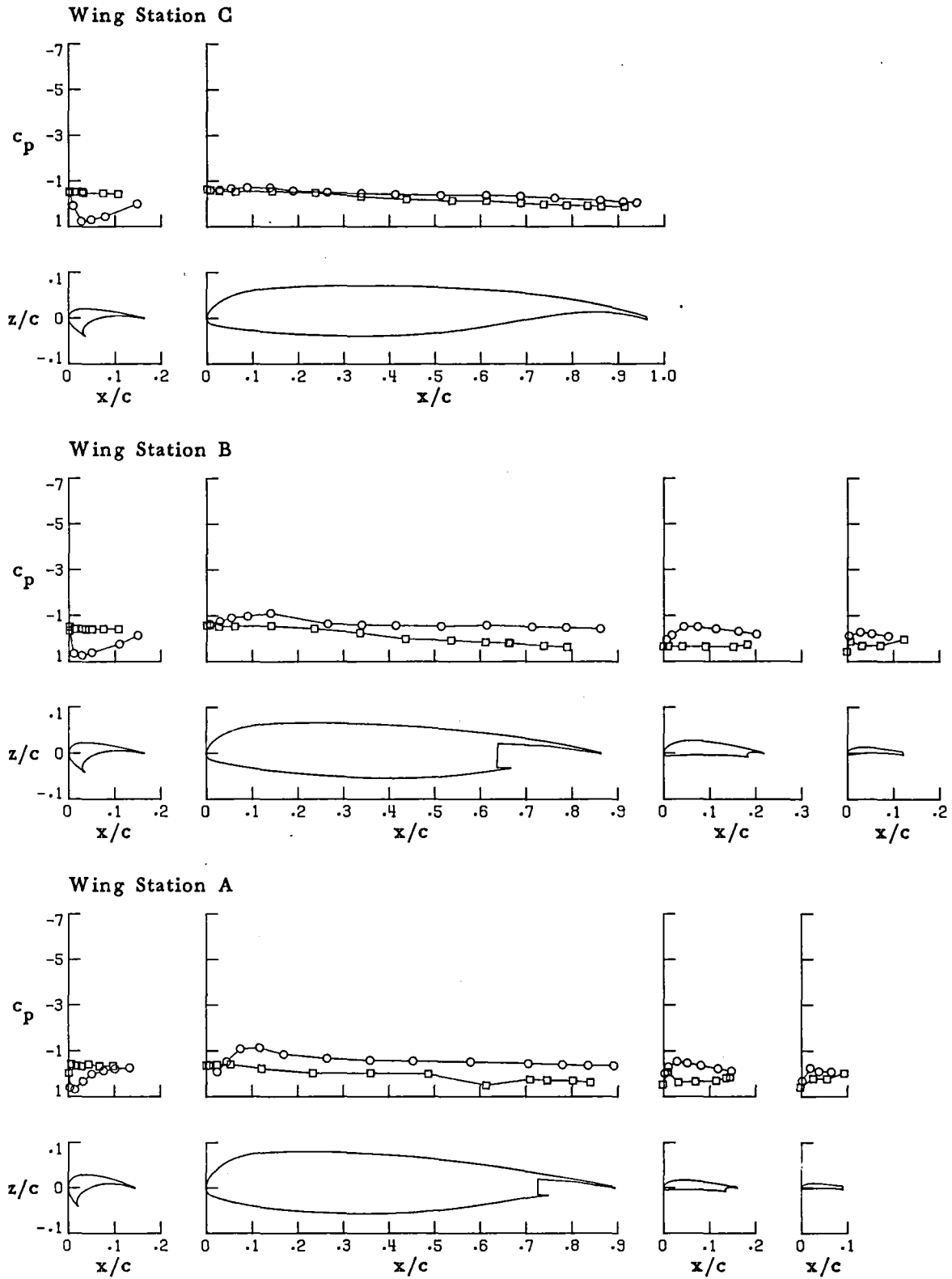
○ upper surface  
 □ lower surface



(a)  $\alpha = -3.934^\circ$

Figure 13. - Pressure distributions for aspect-ratio-10,  $15^\circ$  take-off flap wing configuration with  $-30^\circ$  deflection of inboard slat. (Run 59)

○ upper surface  
□ lower surface

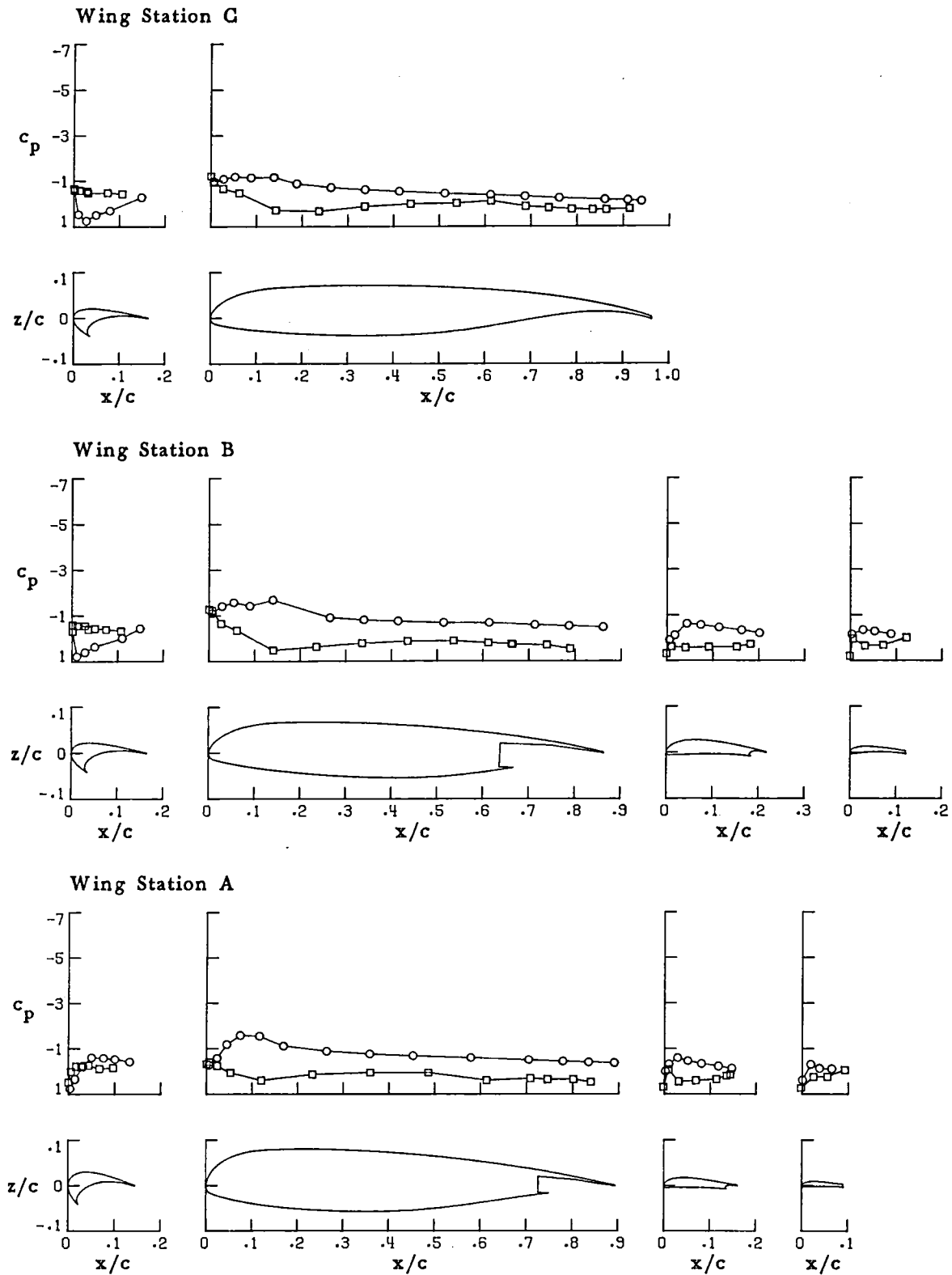


(b)  $\alpha = .264^\circ$

Figure 13.-Continued.



○ upper surface  
 □ lower surface

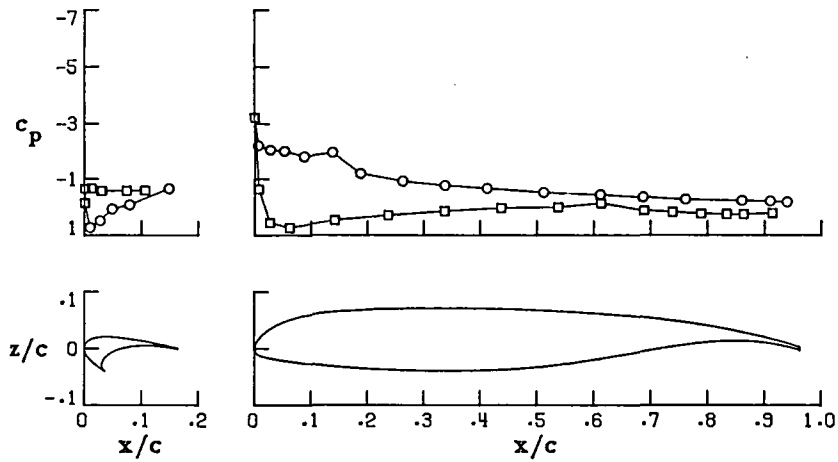


(c)  $\alpha = 4.242^\circ$

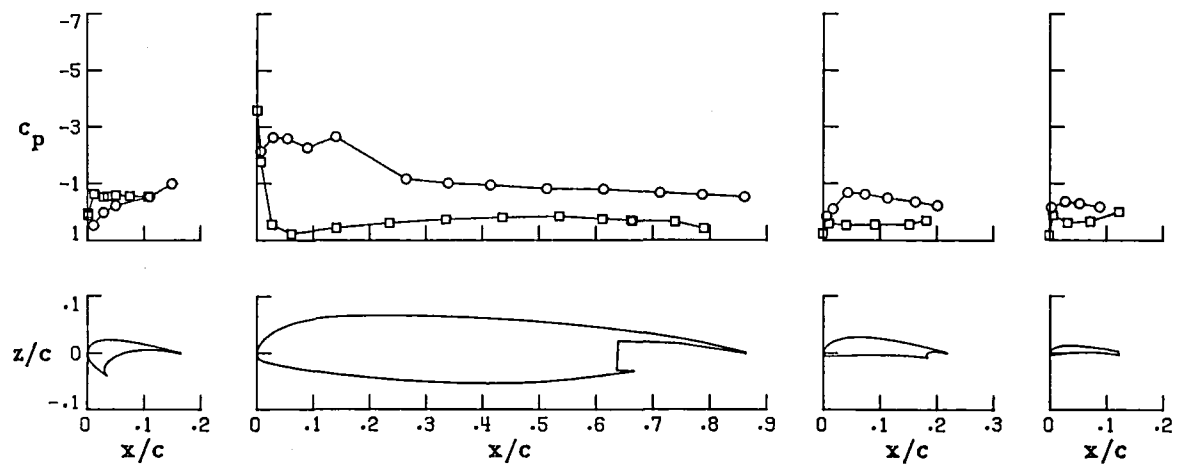
Figure 13.-Continued.

○ upper surface  
 □ lower surface

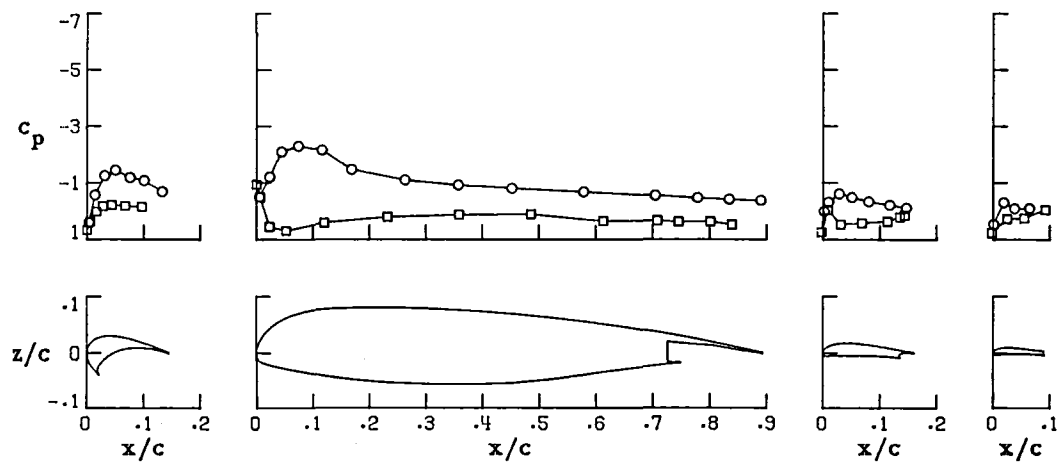
Wing Station C



Wing Station B



Wing Station A

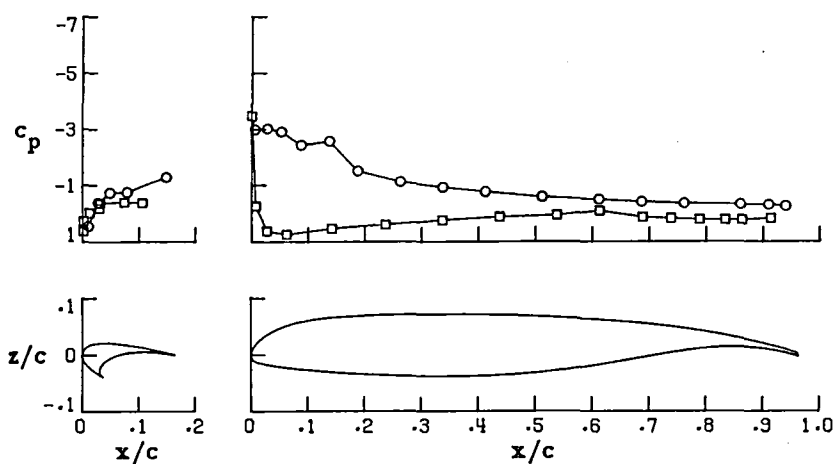


(d)  $\alpha = 8.255^\circ$

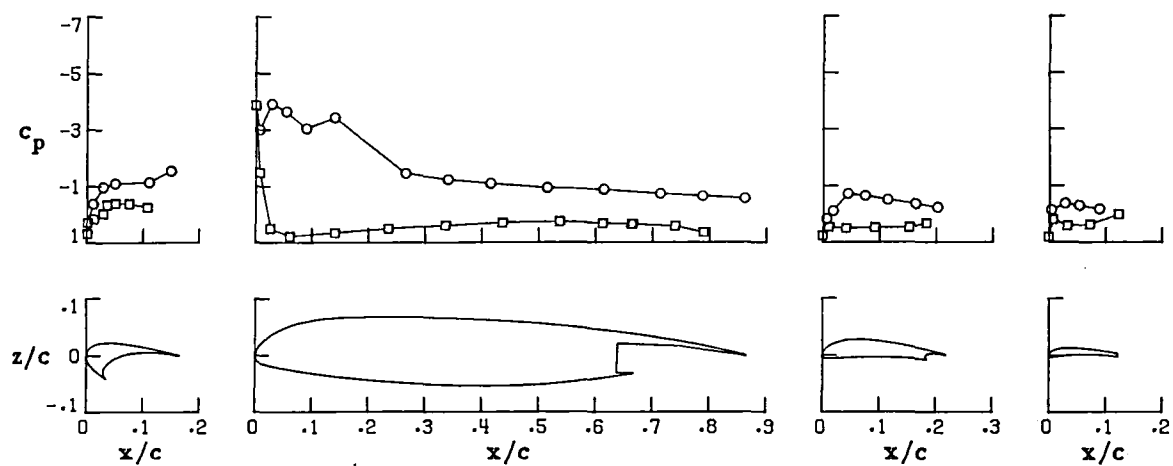
Figure 13.-Continued.

○ upper surface  
 □ lower surface

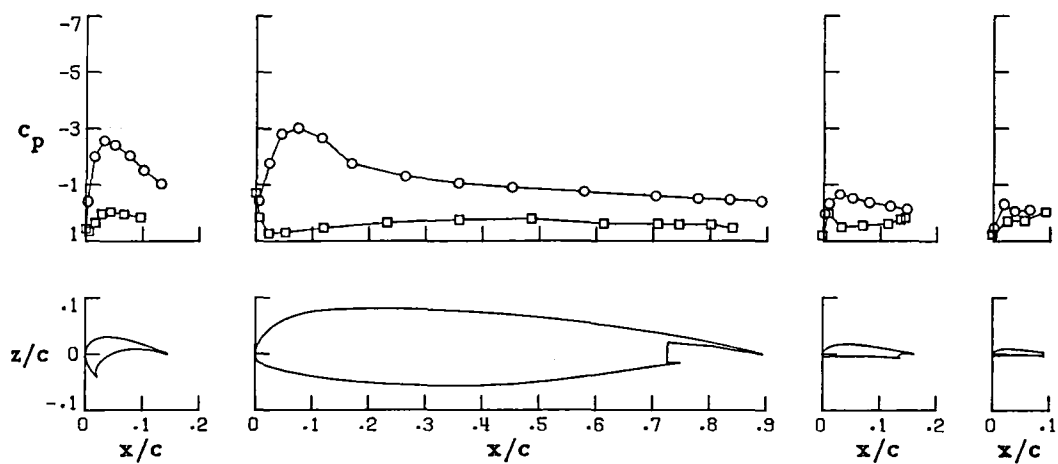
Wing Station C



Wing Station B



Wing Station A

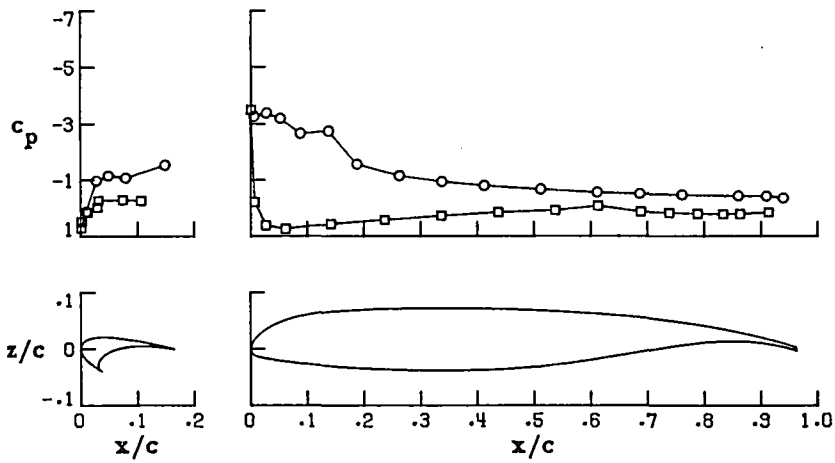


(e)  $\alpha = 12.433^\circ$

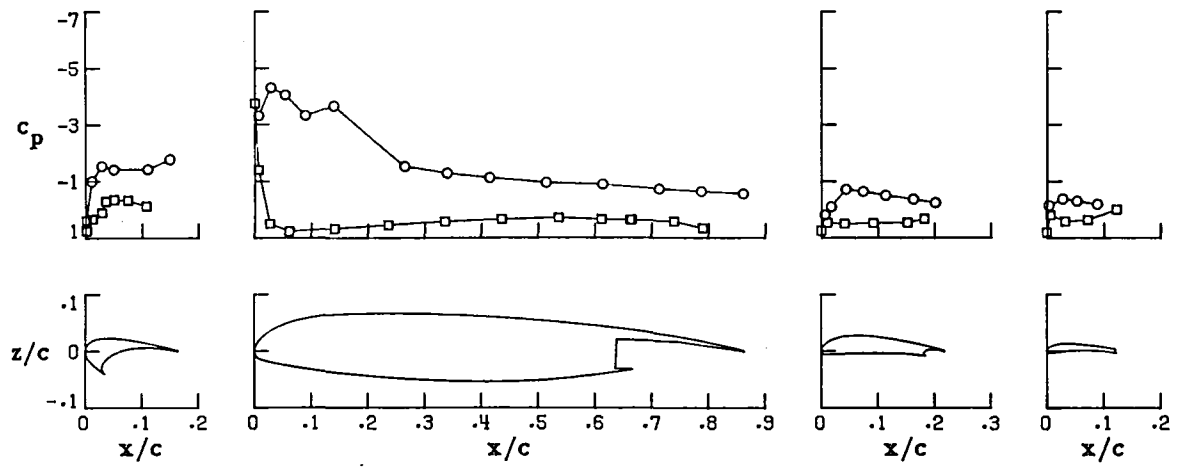
Figure 13.-Continued.

○ upper surface  
 □ lower surface

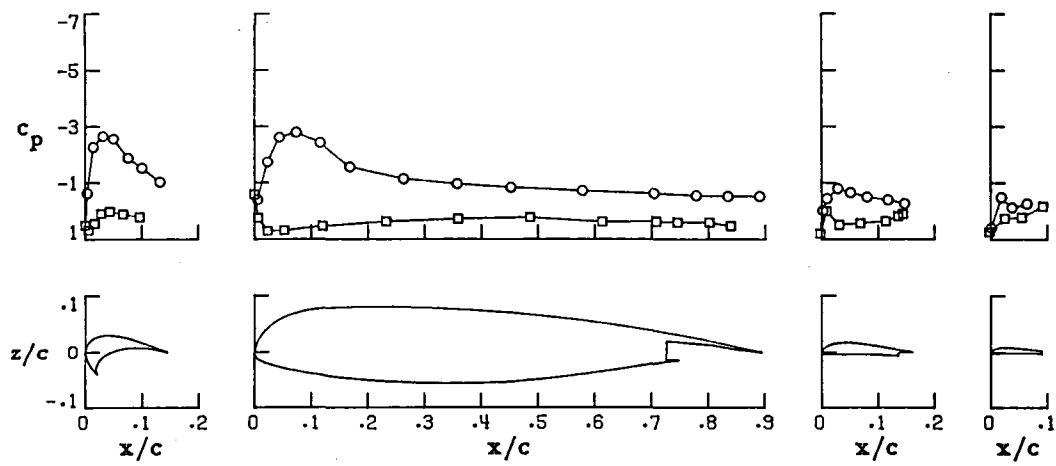
Wing Station C



Wing Station B



Wing Station A

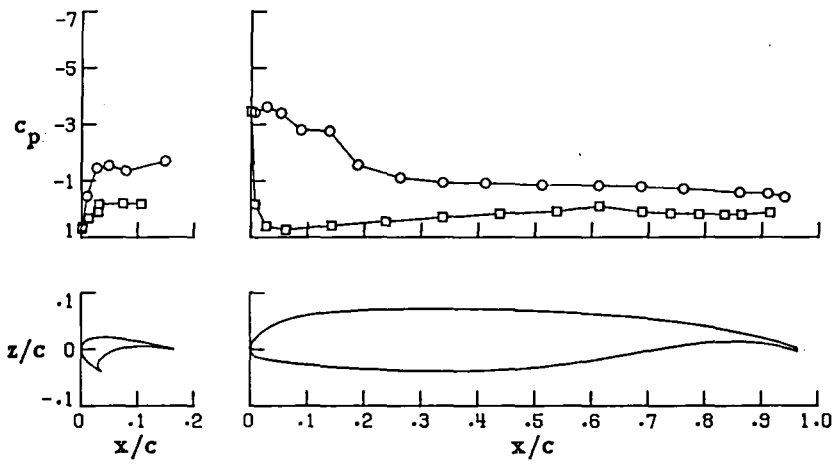


(f)  $\alpha = 14.381^\circ$

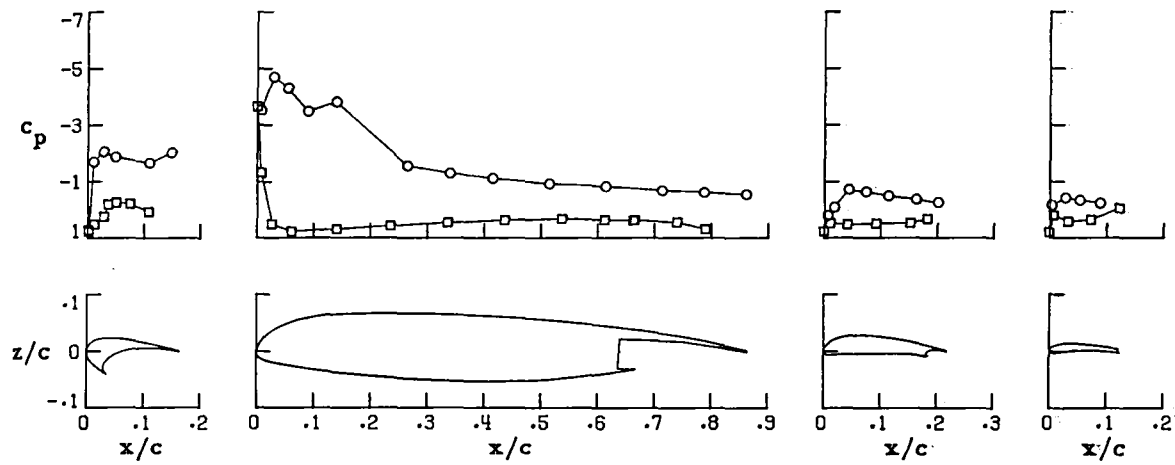
Figure 13.-Continued.

○ upper surface  
 □ lower surface

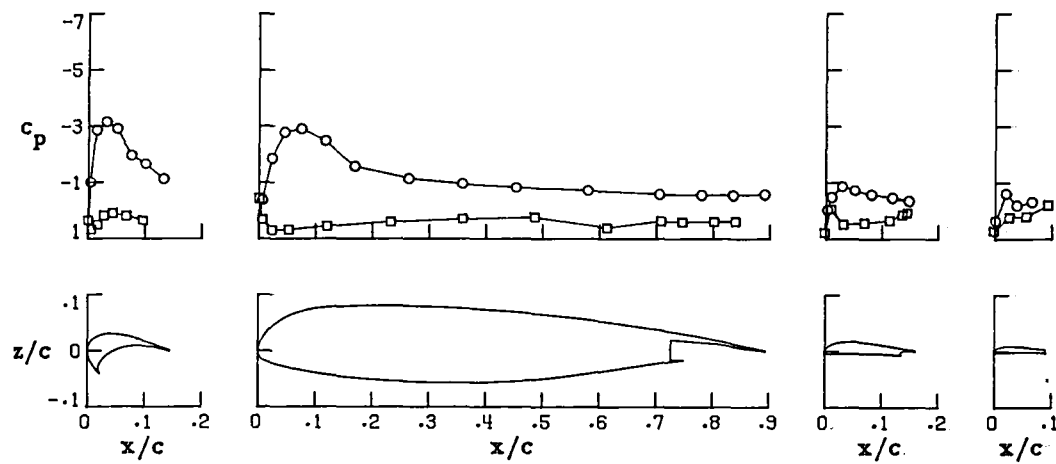
Wing Station G



Wing Station B



Wing Station A

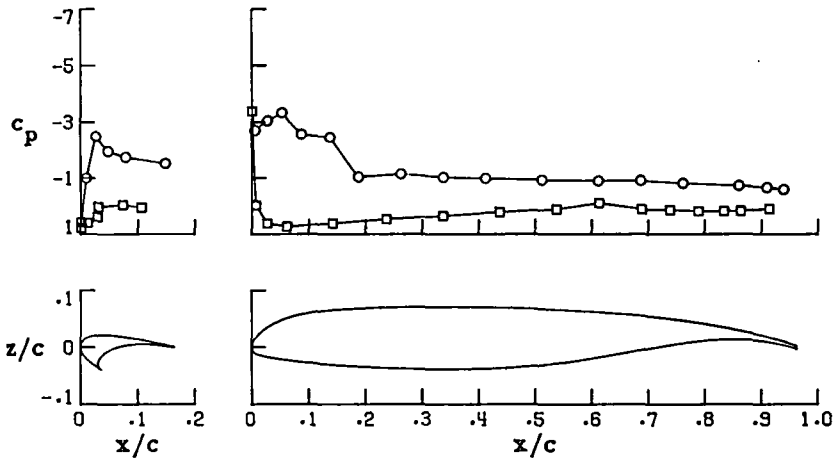


(g)  $\alpha = 16.369^\circ$

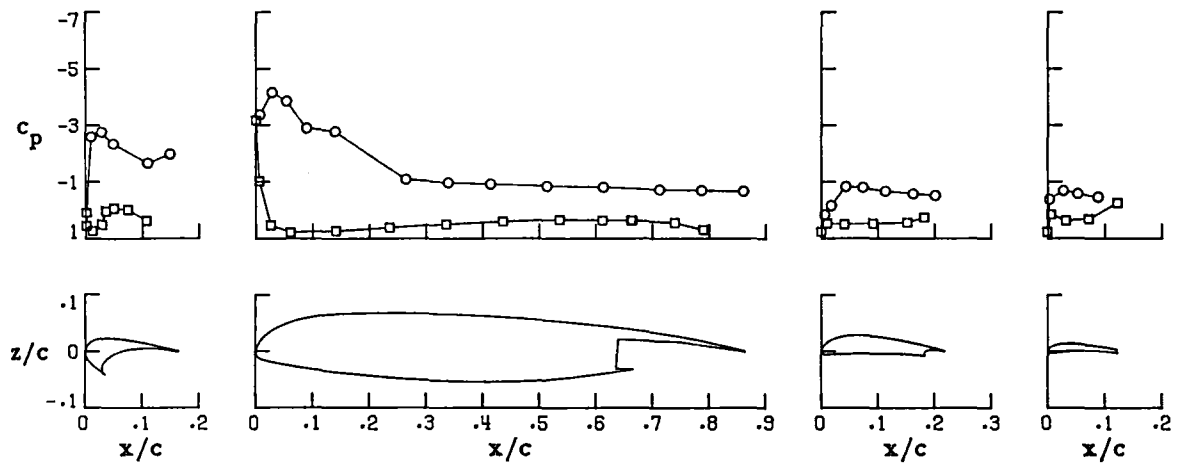
Figure 13.-Continued.

○ upper surface  
 □ lower surface

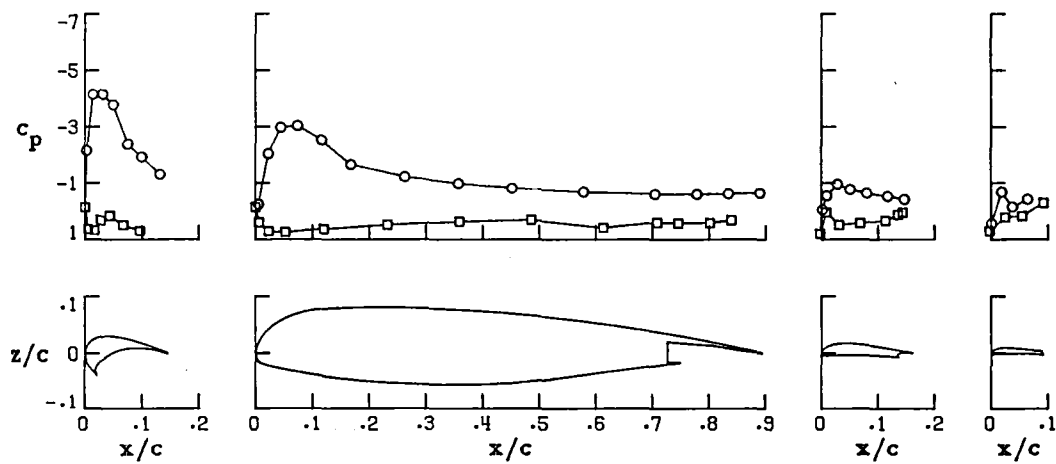
Wing Station C



Wing Station B



Wing Station A

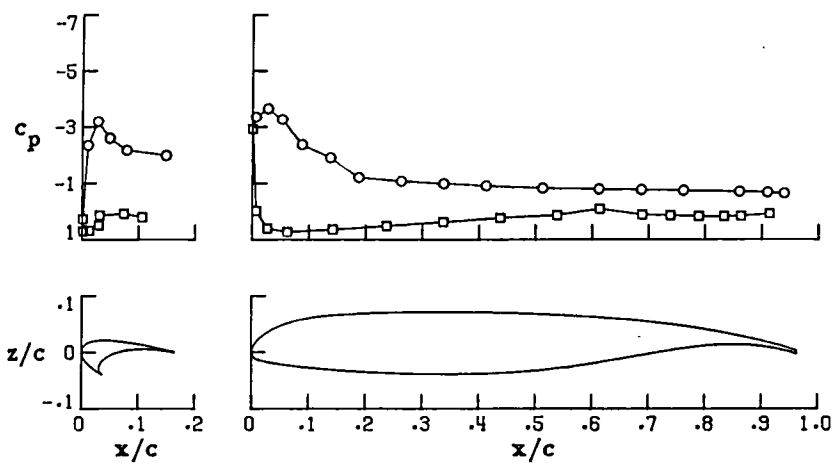


(h)  $\alpha = 20.468^\circ$

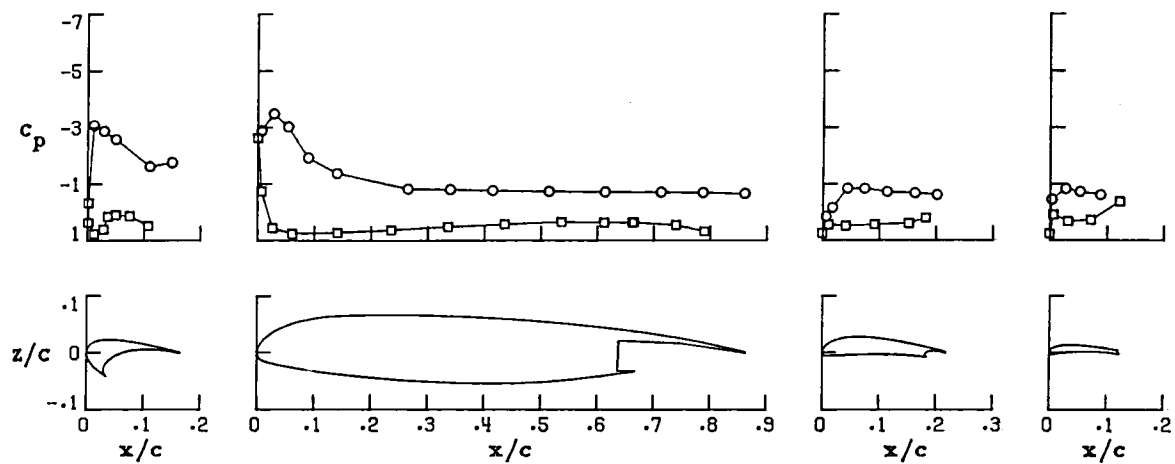
Figure 13.-Continued.

○ upper surface  
 □ lower surface

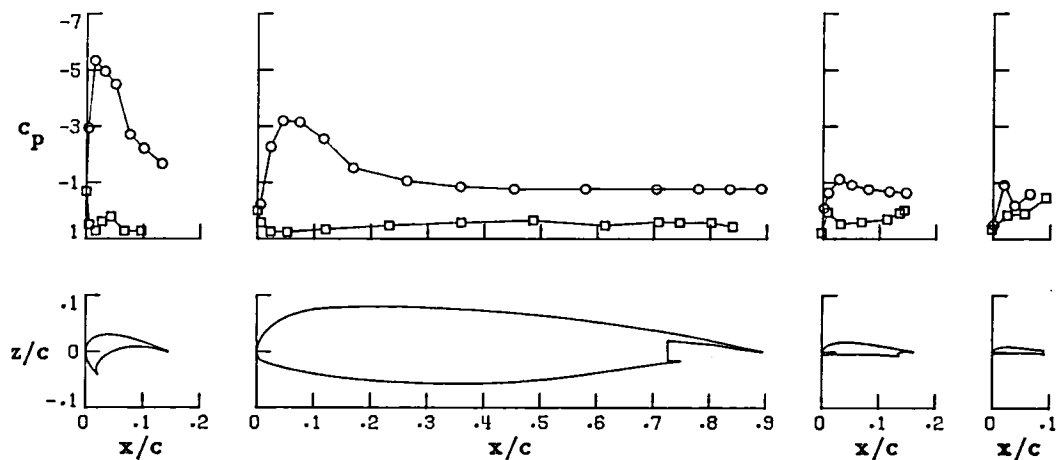
Wing Station C



Wing Station B



Wing Station A

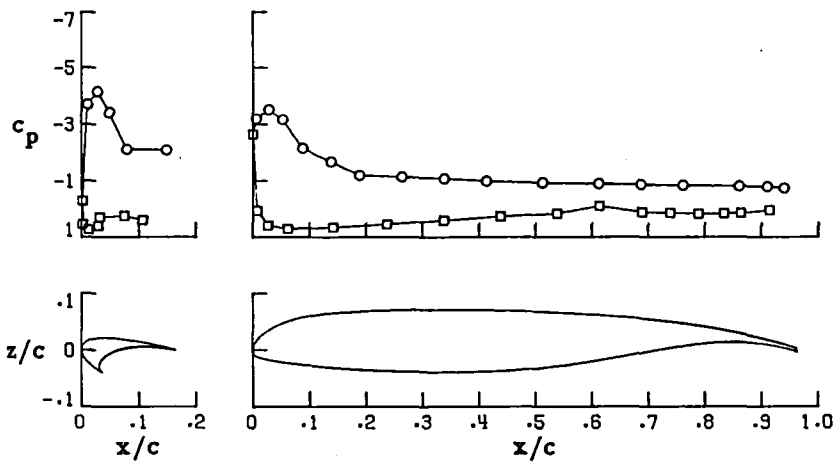


(i)  $\alpha = 24.496^\circ$

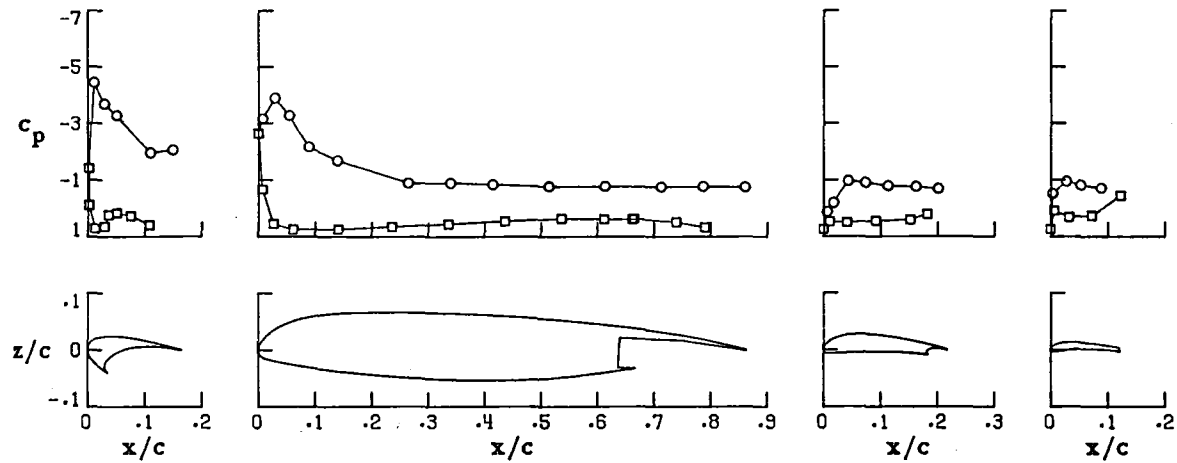
Figure 13-Continued.

○ upper surface  
 □ lower surface

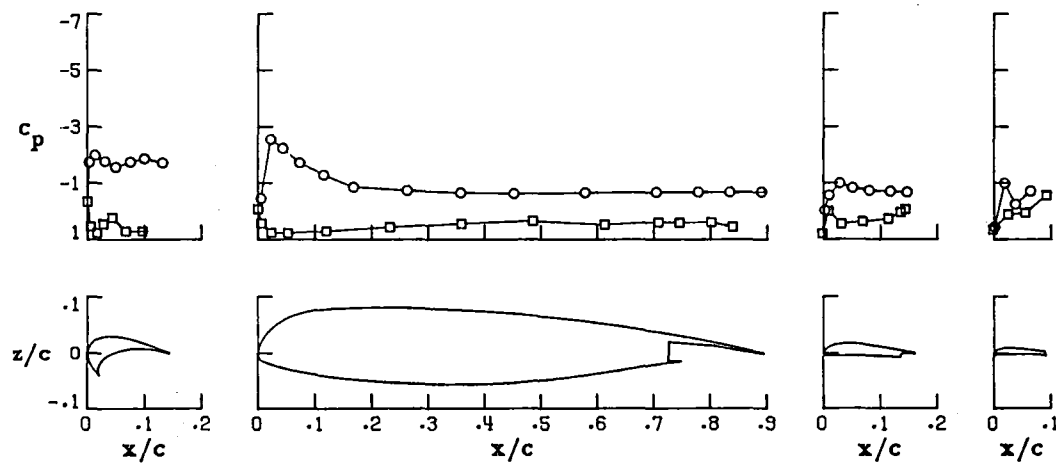
Wing Station C



Wing Station B



Wing Station A

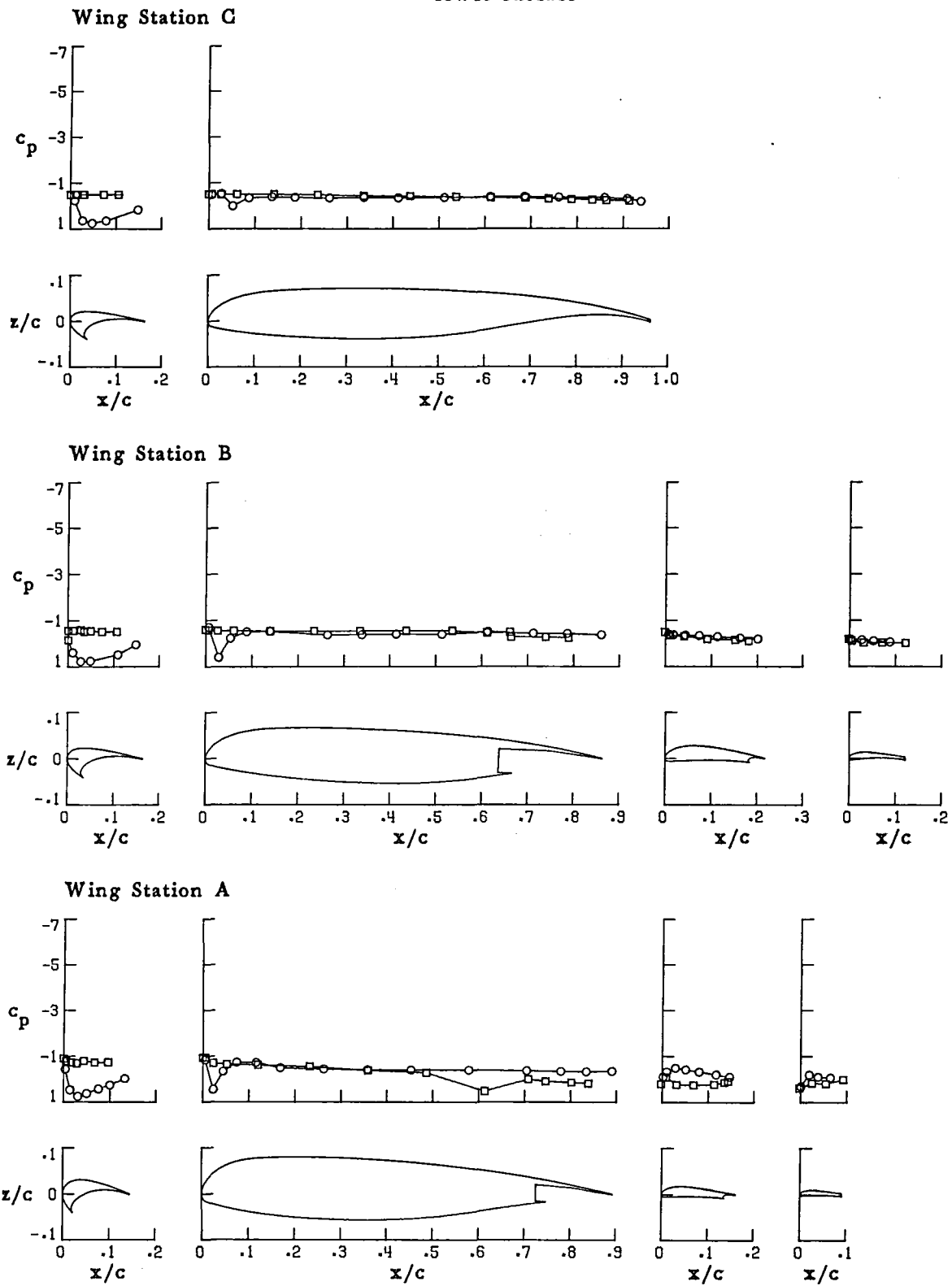


(j)  $\alpha = 28.482^\circ$

Figure 13.-Concluded.



○ upper surface  
 □ lower surface

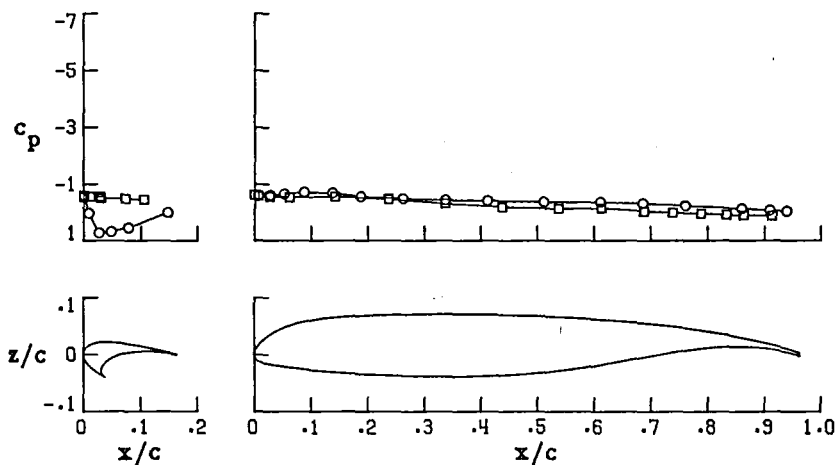


(a)  $\alpha = -3.917^\circ$

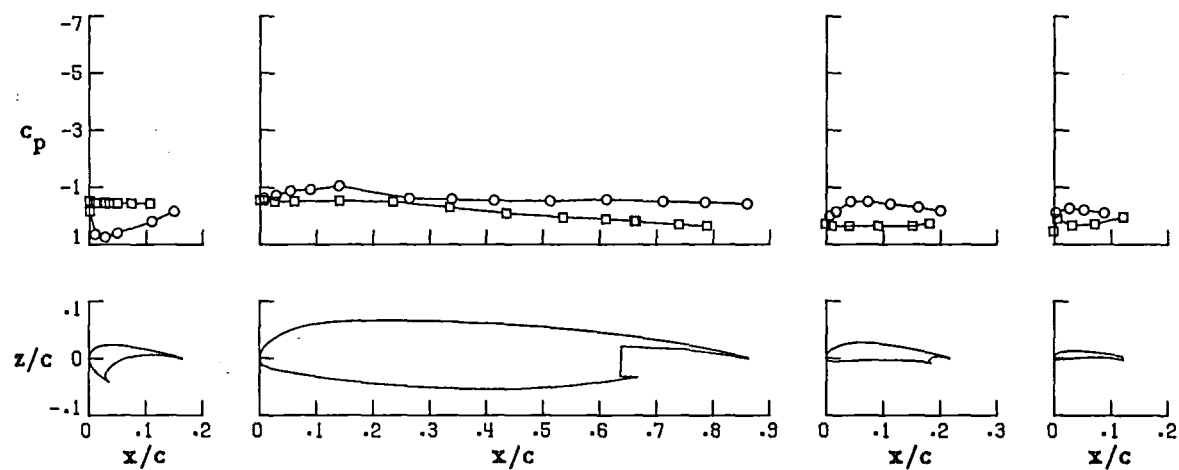
Figure 14. - Pressure distributions for aspect-ratio-10,  $15^\circ$  take-off flap wing configuration with  $-40^\circ$  deflection of inboard slat. (Run 60)

○ upper surface  
 □ lower surface

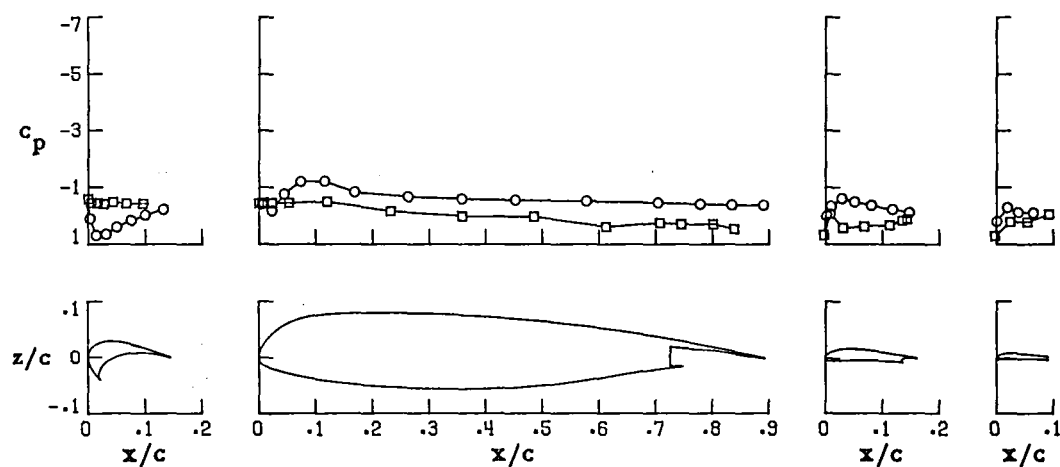
Wing Station C



Wing Station B



Wing Station A

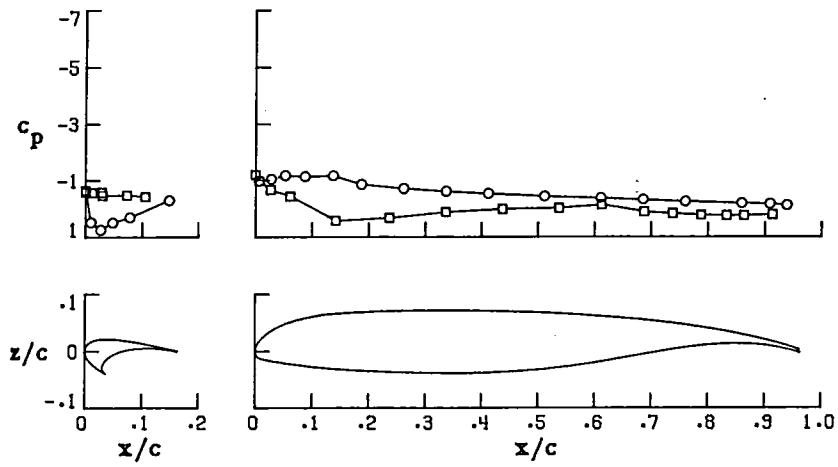


(b)  $\alpha = .156^\circ$

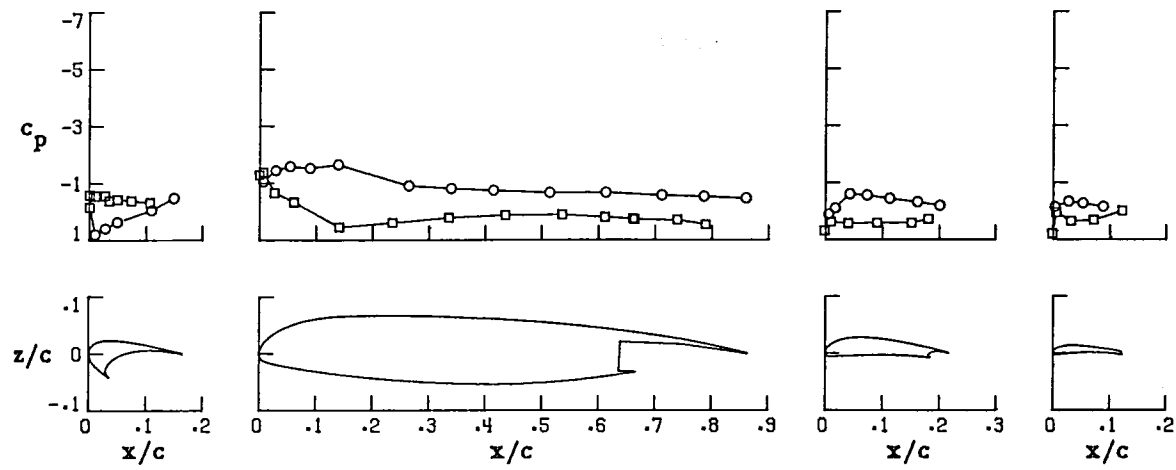
Figure 14-Continued.

○ upper surface  
 □ lower surface

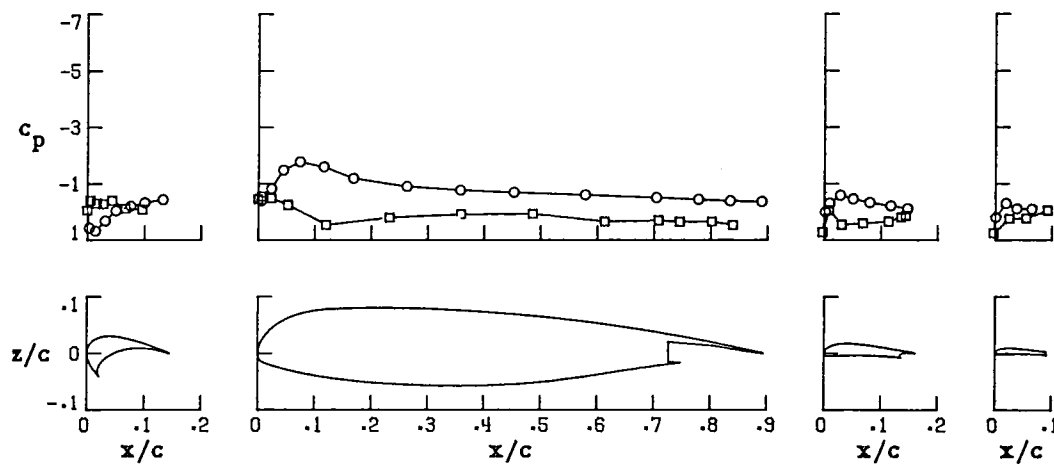
Wing Station C



Wing Station B



Wing Station A

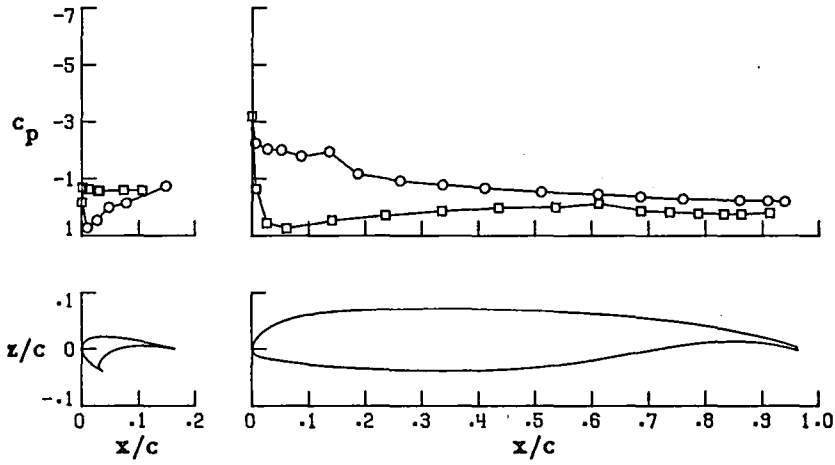


(c)  $\alpha = 4.330^\circ$

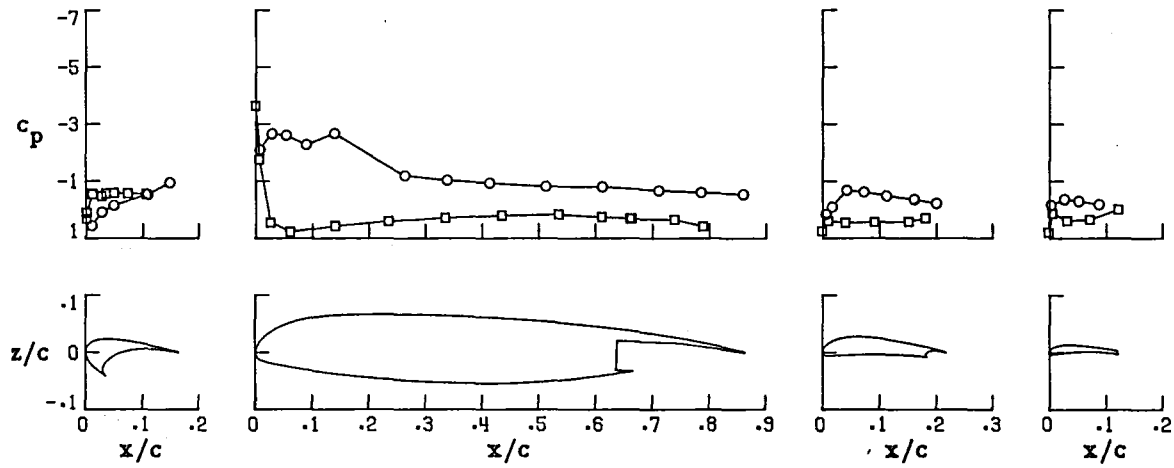
Figure 14-Continued.

○ upper surface  
 □ lower surface

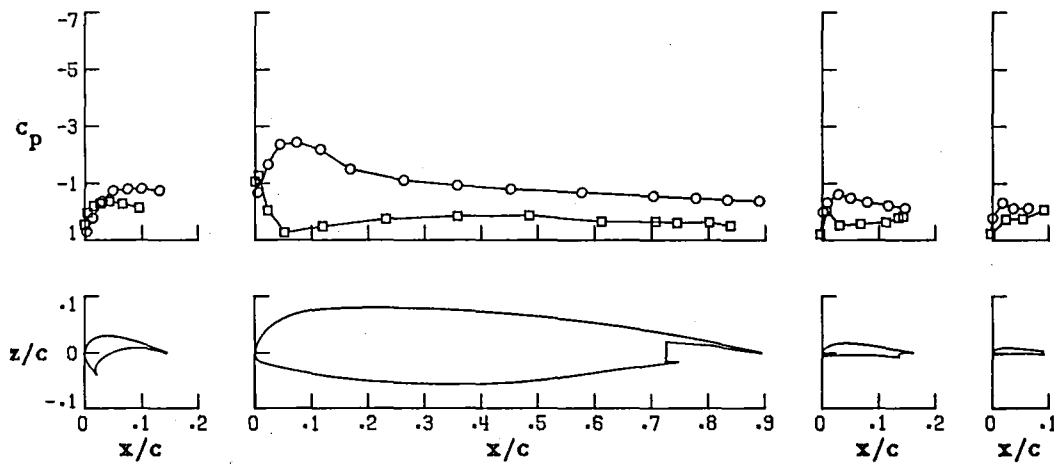
Wing Station C



Wing Station B



Wing Station A

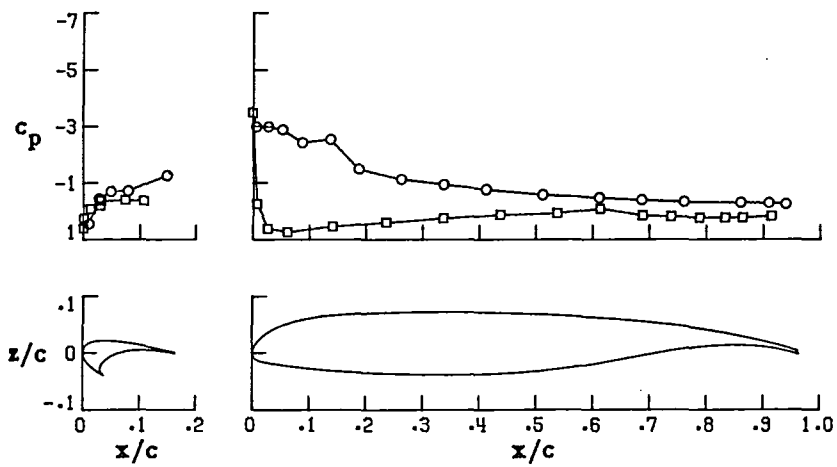


(d)  $\alpha = 8.317^\circ$

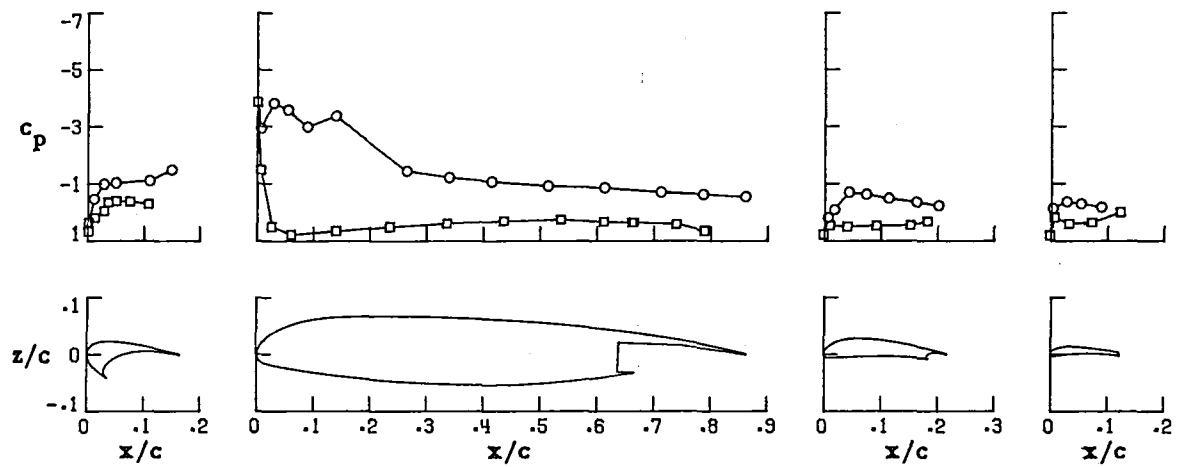
Figure 14.-Continued.

○ upper surface  
 □ lower surface

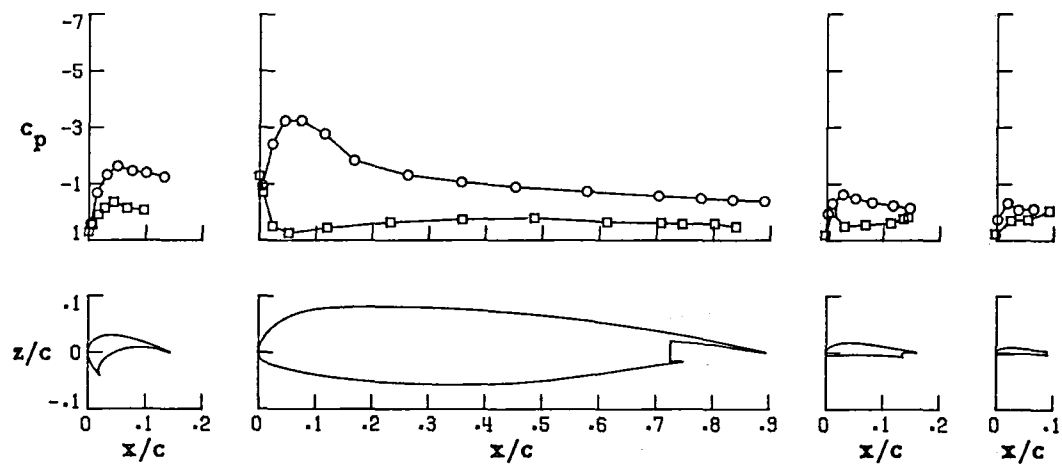
Wing Station C



Wing Station B



Wing Station A

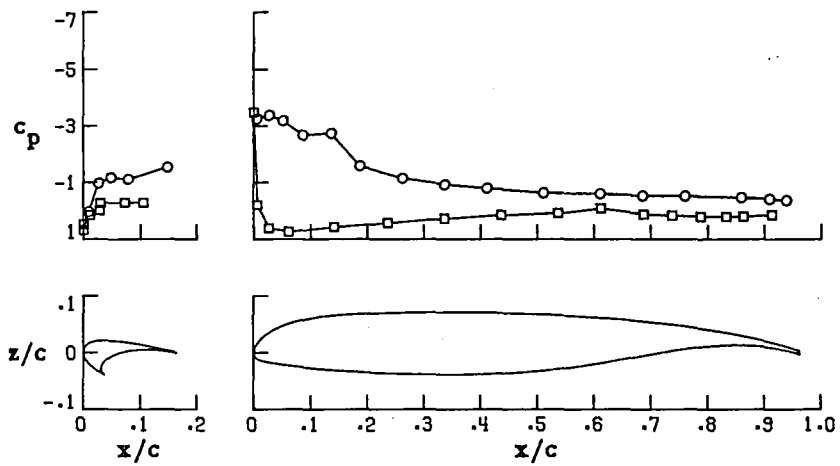


(e)  $\alpha = 12.377^\circ$

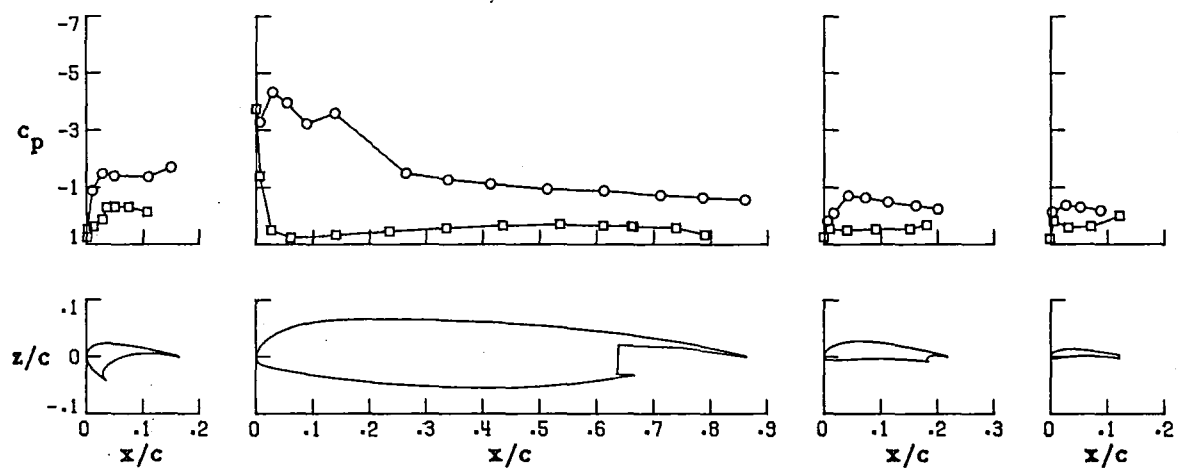
Figure 14.-Continued.

○ upper surface  
 □ lower surface

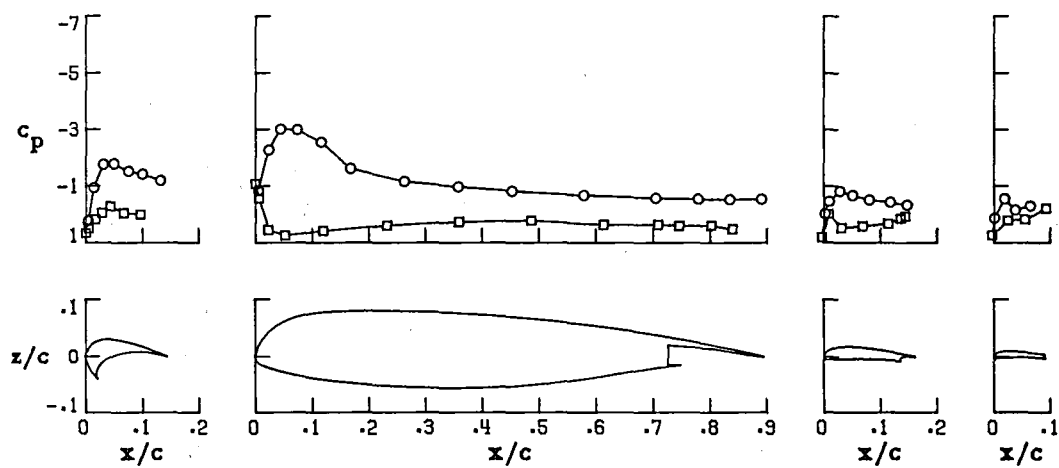
Wing Station C



Wing Station B



Wing Station A

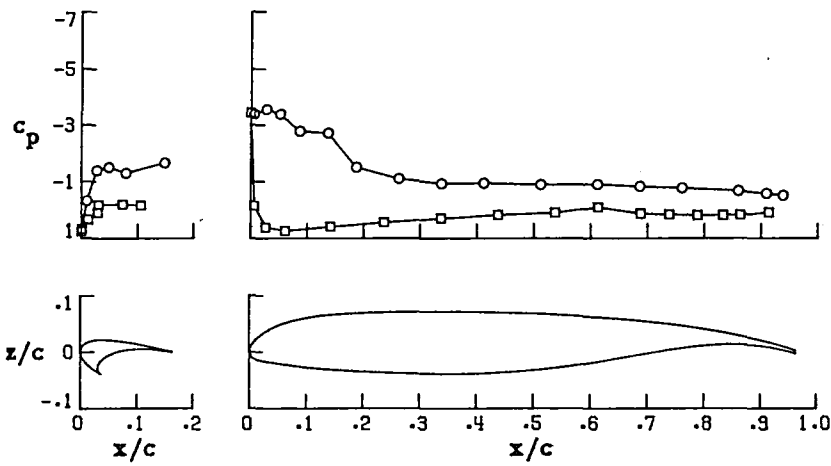


(f)  $\alpha = 14.434^\circ$

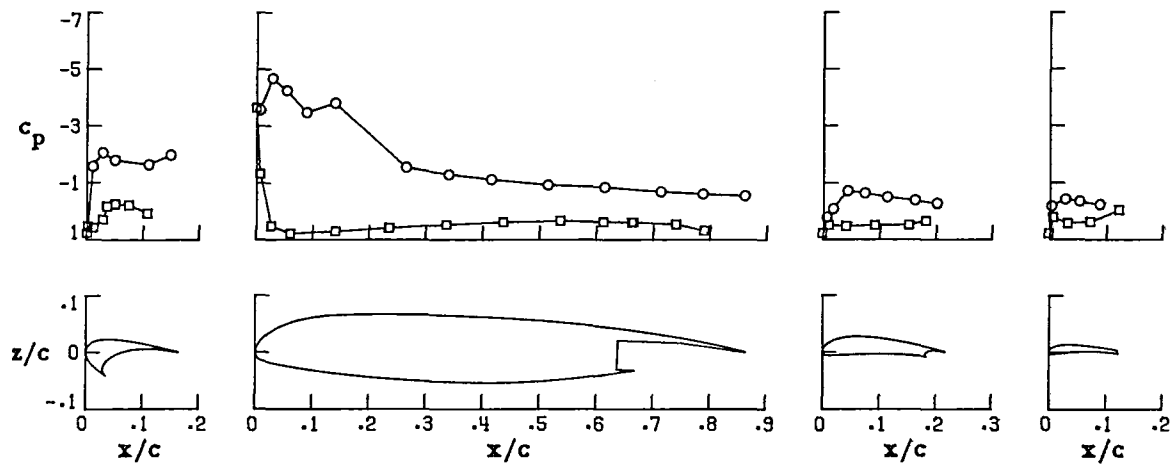
Figure 14-Continued.

○ upper surface  
 □ lower surface

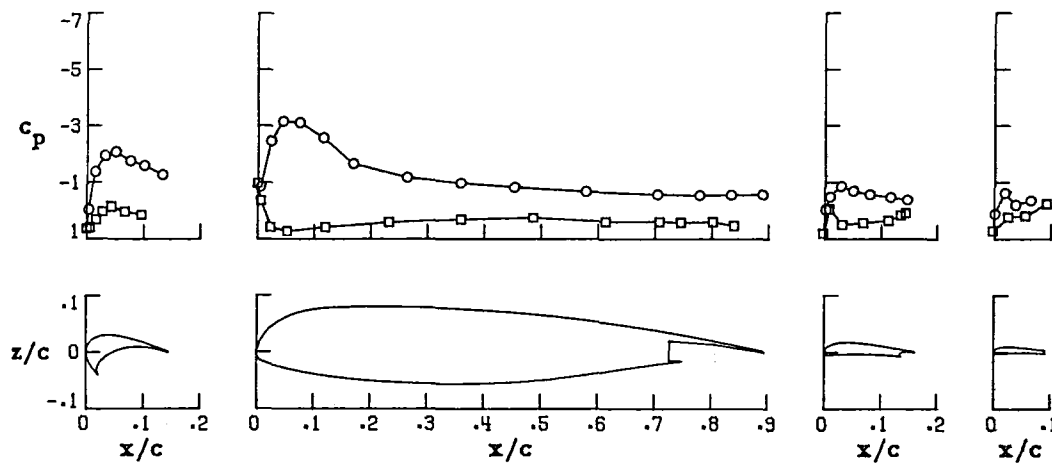
Wing Station G



Wing Station B



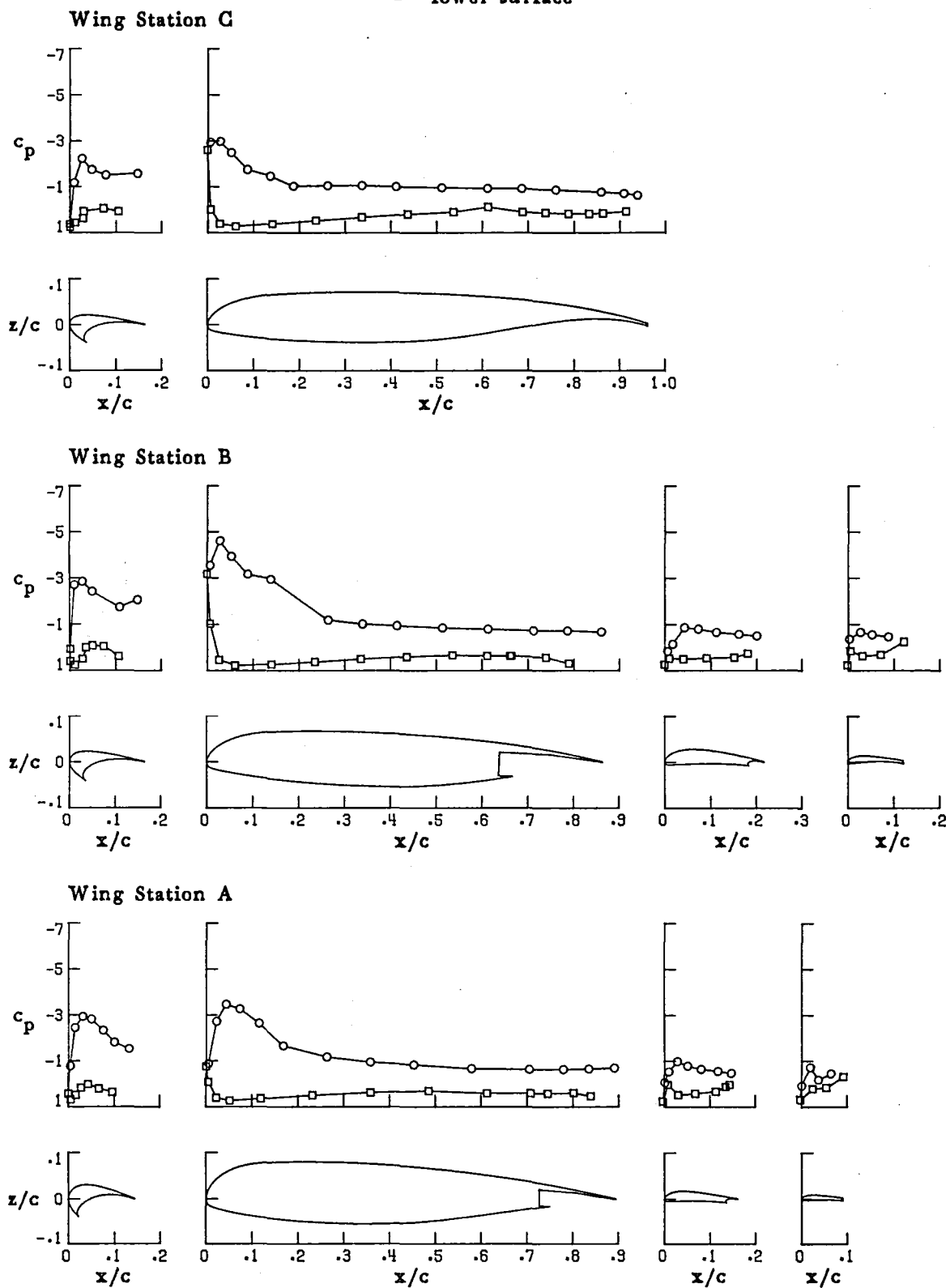
Wing Station A



(g)  $\alpha = 16.396^\circ$

Figure 14-Continued.

○ upper surface  
 □ lower surface



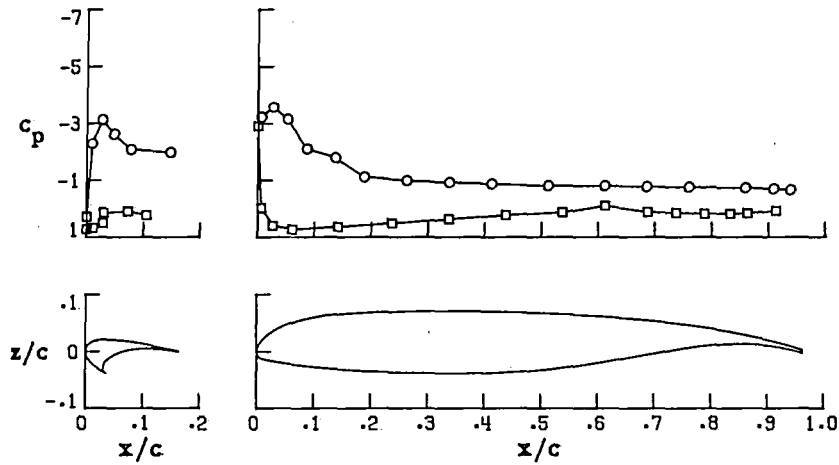
(h)  $\alpha = 20.491^\circ$

Figure 14-Continued.

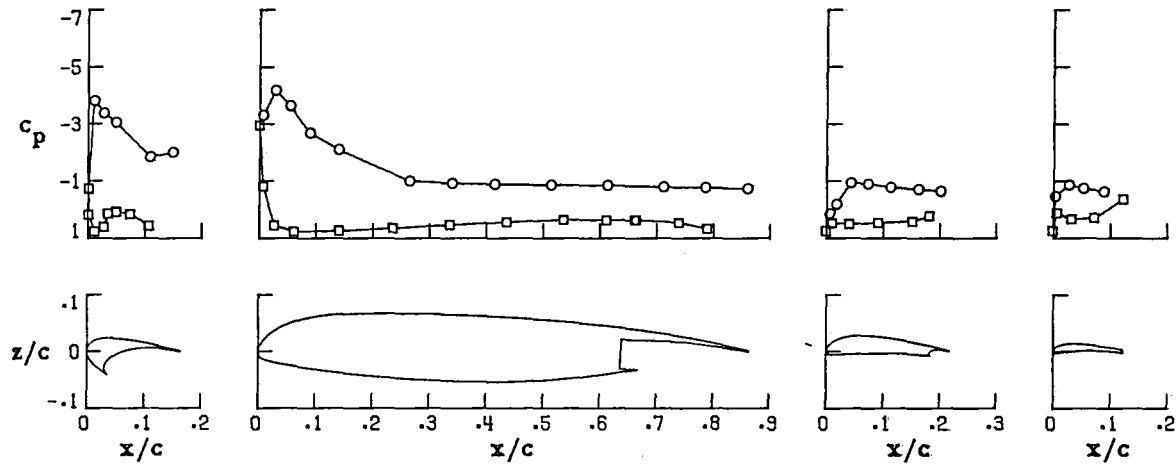


○ upper surface  
 □ lower surface

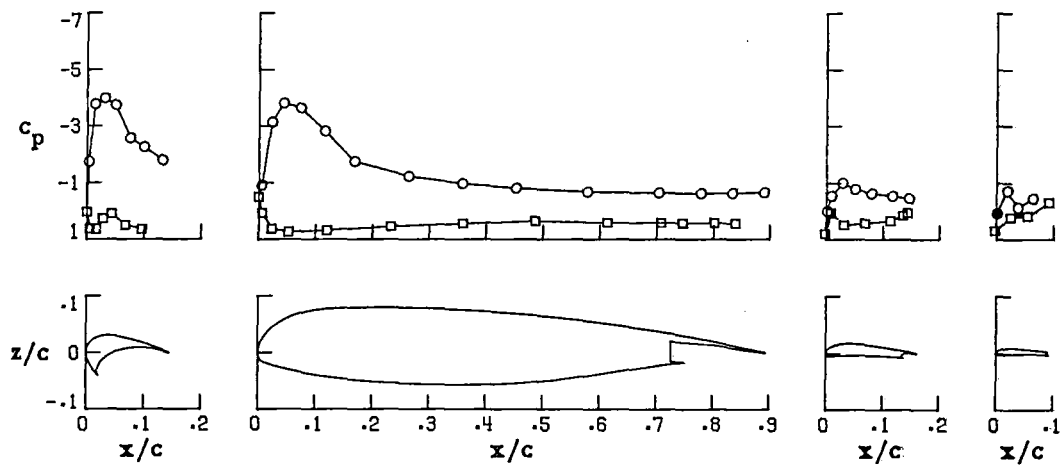
Wing Station C



Wing Station B



Wing Station A

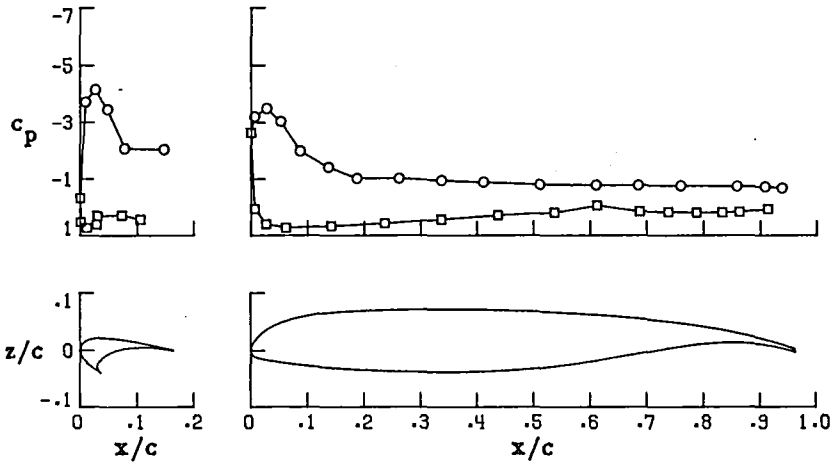


(i)  $\alpha = 24.490^\circ$

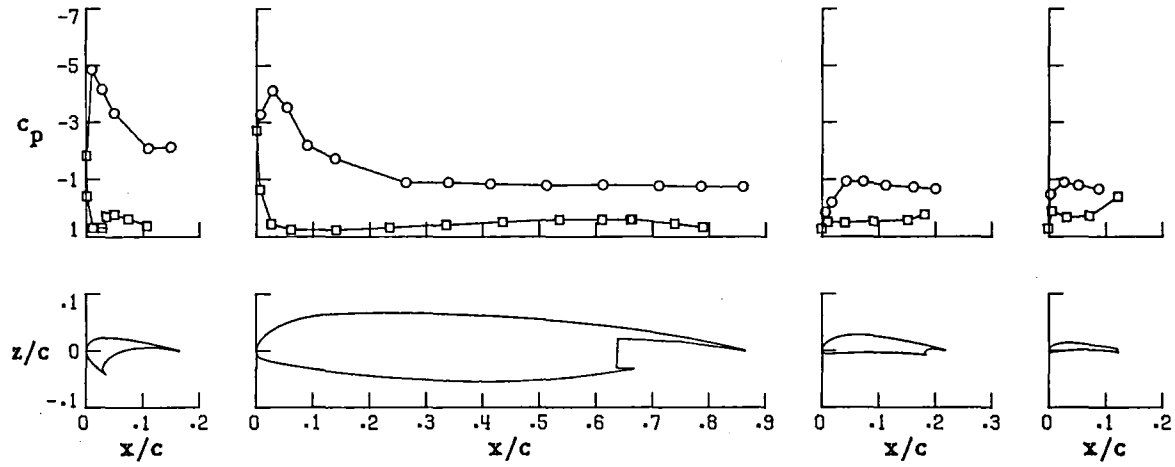
Figure 14-Continued.

○ upper surface  
 □ lower surface

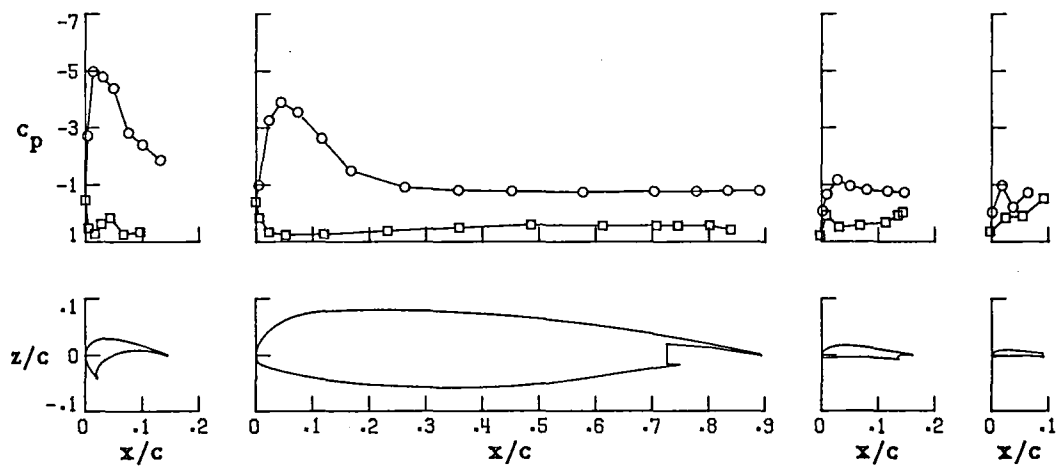
Wing Station C



Wing Station B



Wing Station A



(j)  $\alpha = 28.602^\circ$

Figure 14.-Concluded.

○ upper surface  
 □ lower surface

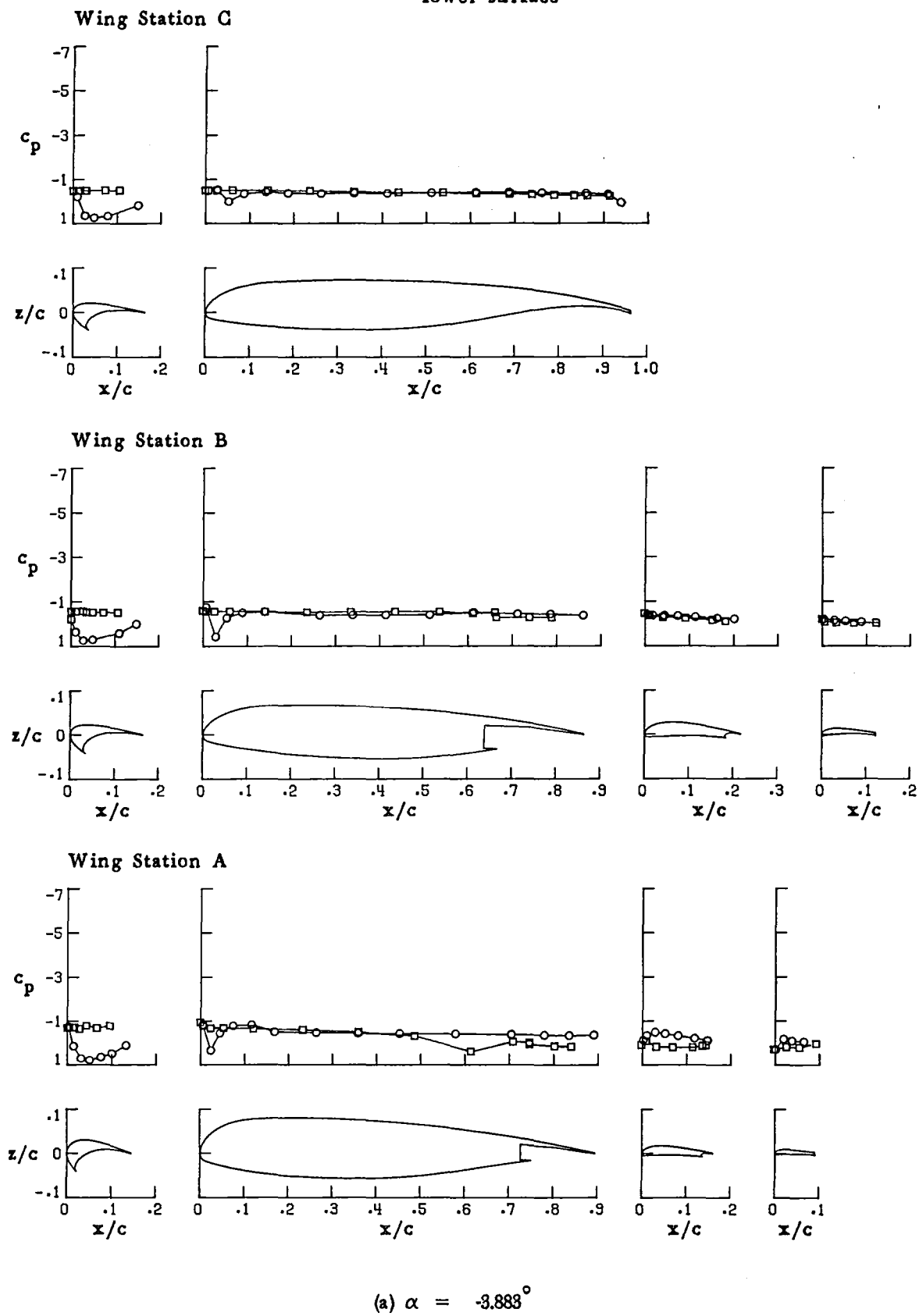
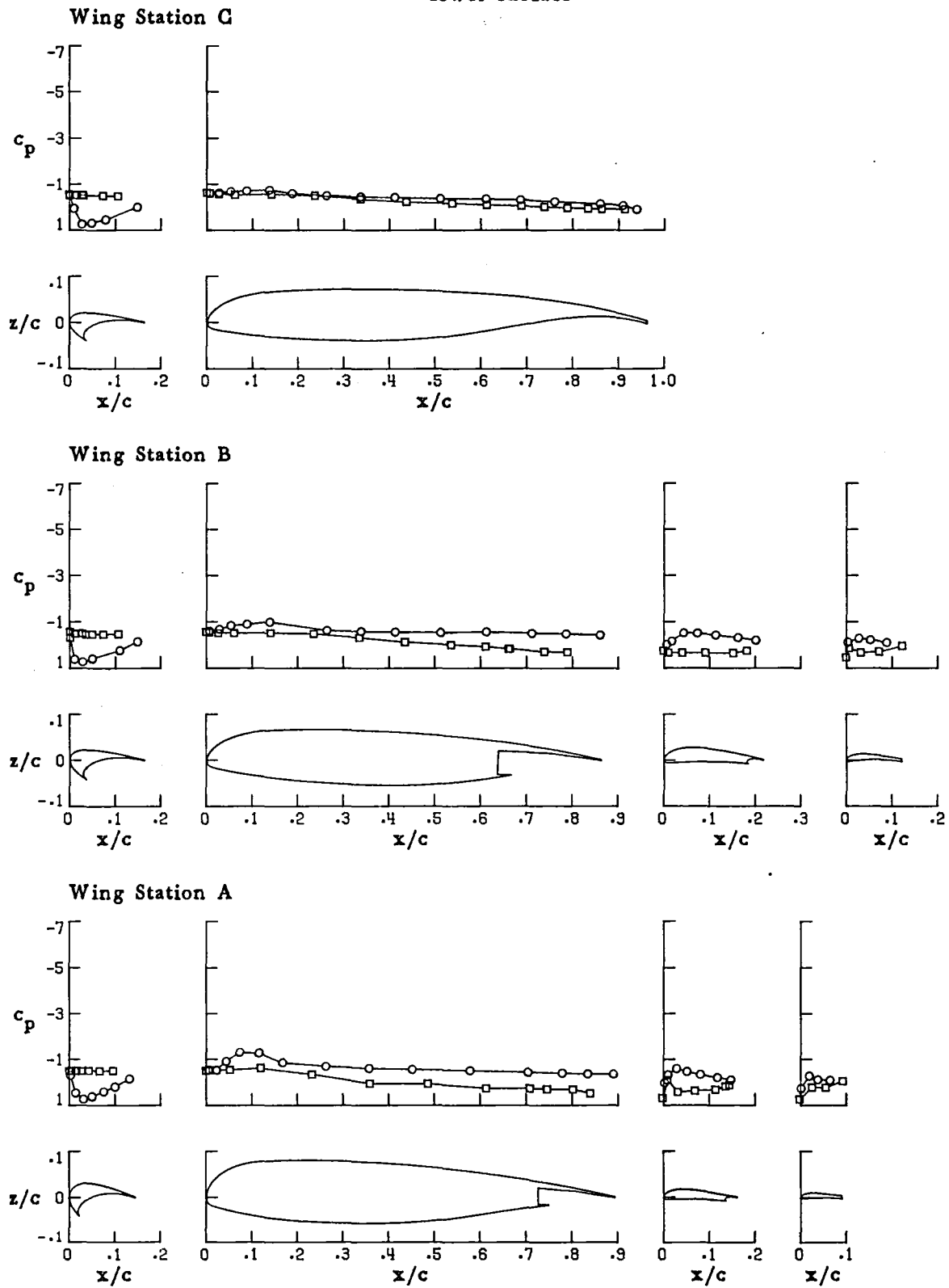


Figure 15. - Pressure distributions for aspect-ratio-10,  $15^\circ$  take-off flap wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 61)

○ upper surface  
 □ lower surface

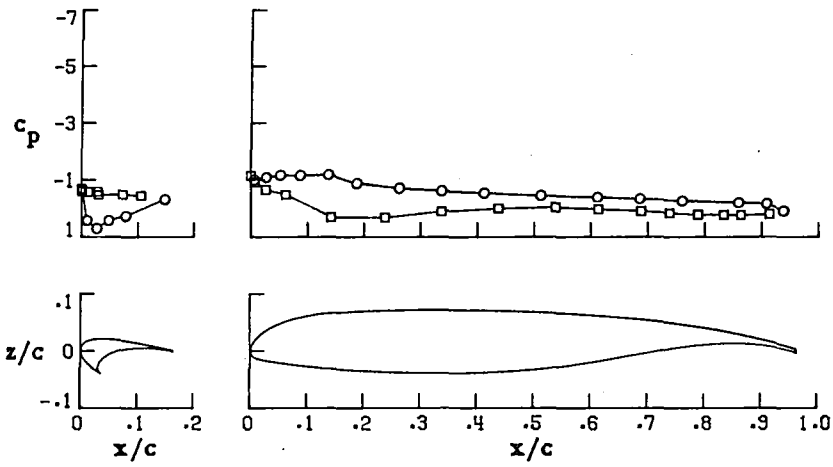


(b)  $\alpha = .215^\circ$

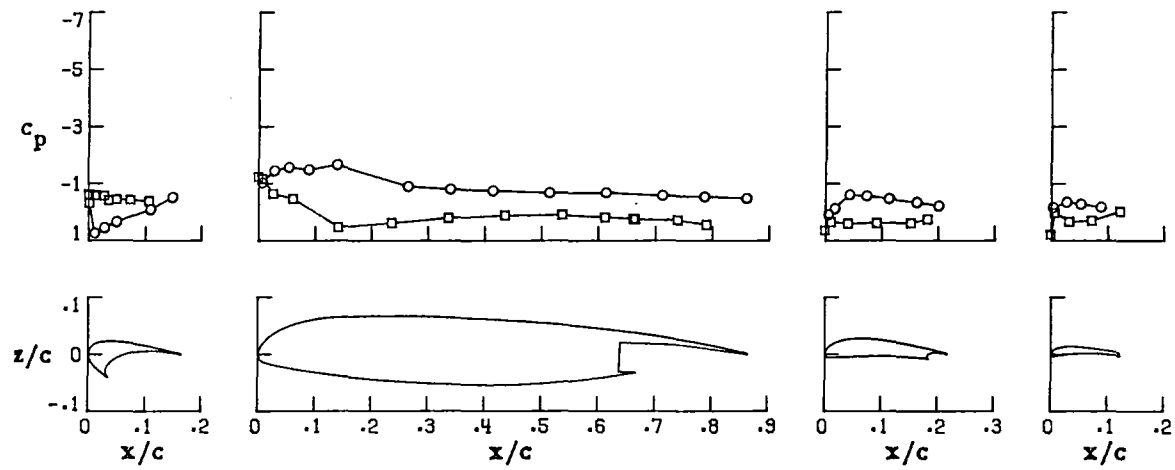
Figure 15.-Continued.

○ upper surface  
 □ lower surface

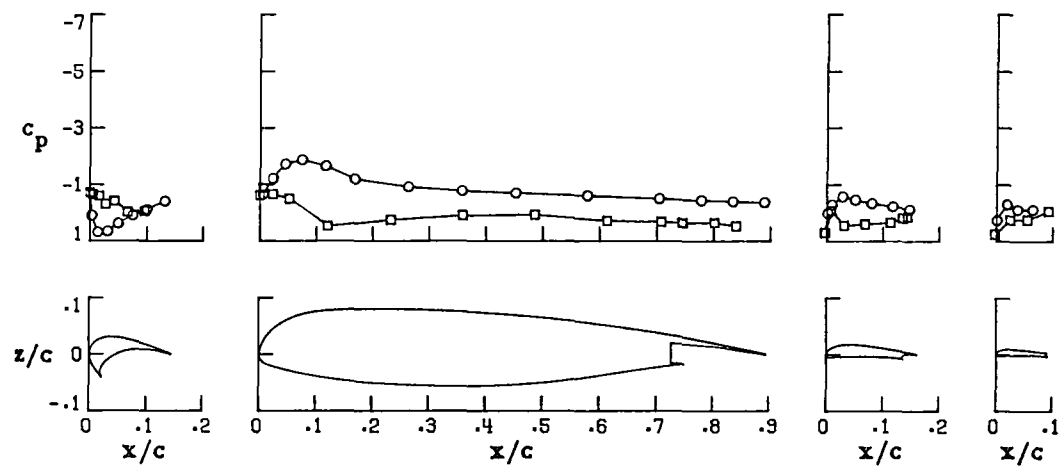
Wing Station C



Wing Station B



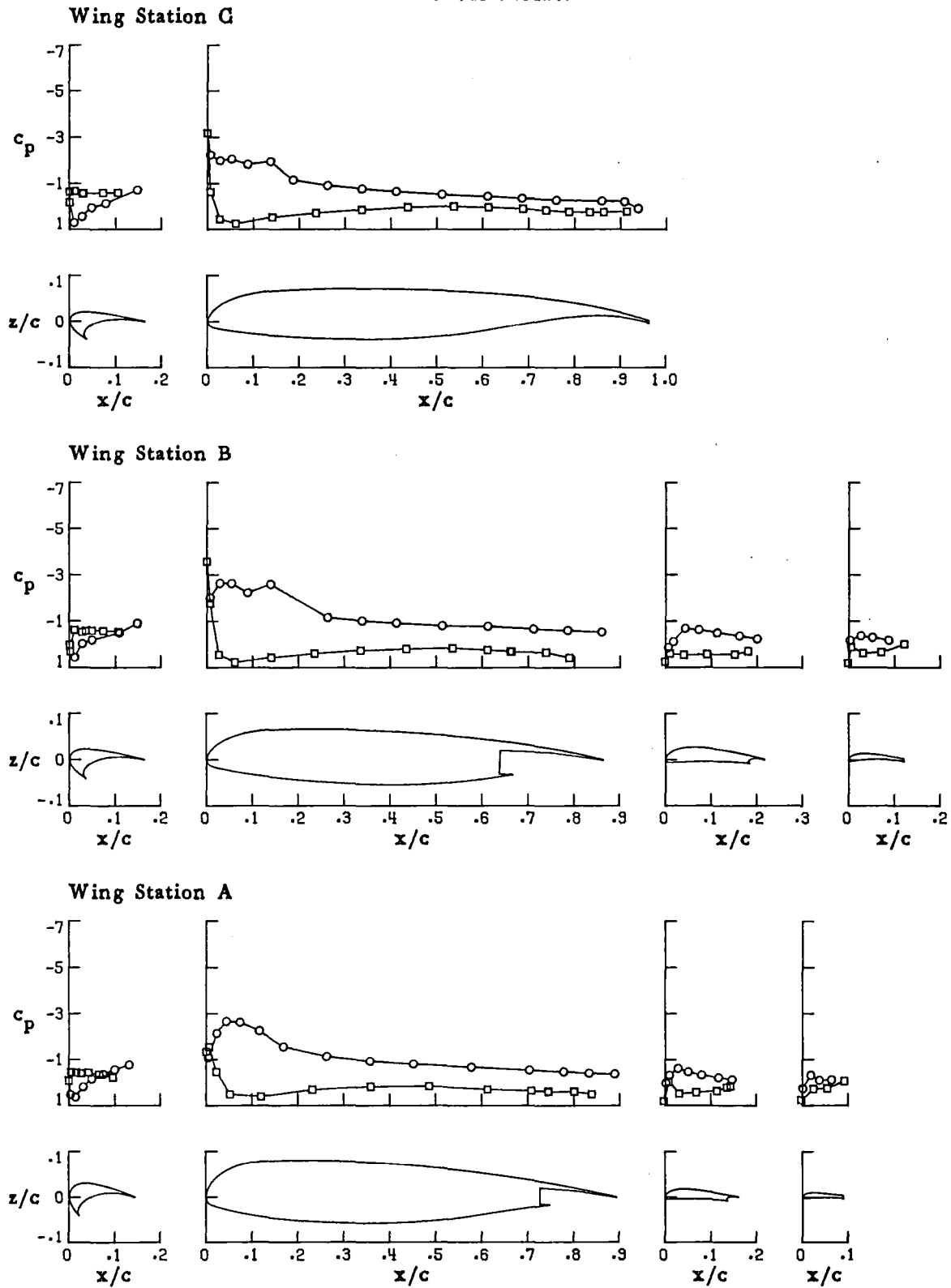
Wing Station A



(c)  $\alpha = 4.195^\circ$

Figure 15.-Continued.

○ upper surface  
 □ lower surface

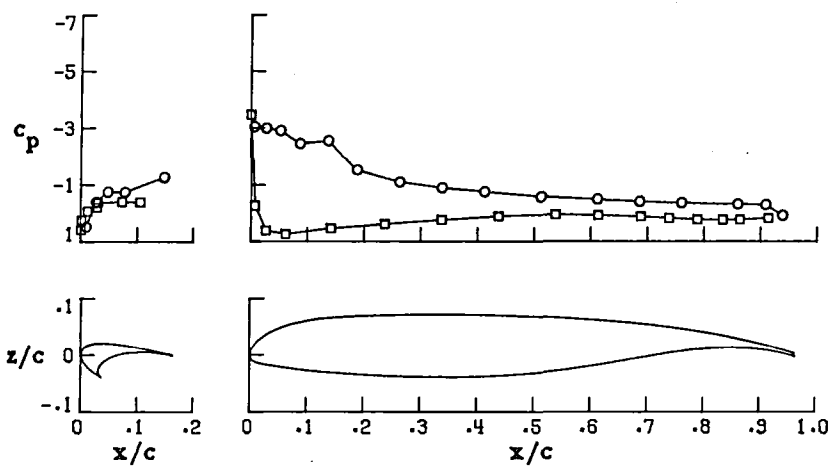


(d)  $\alpha = 8.333^\circ$

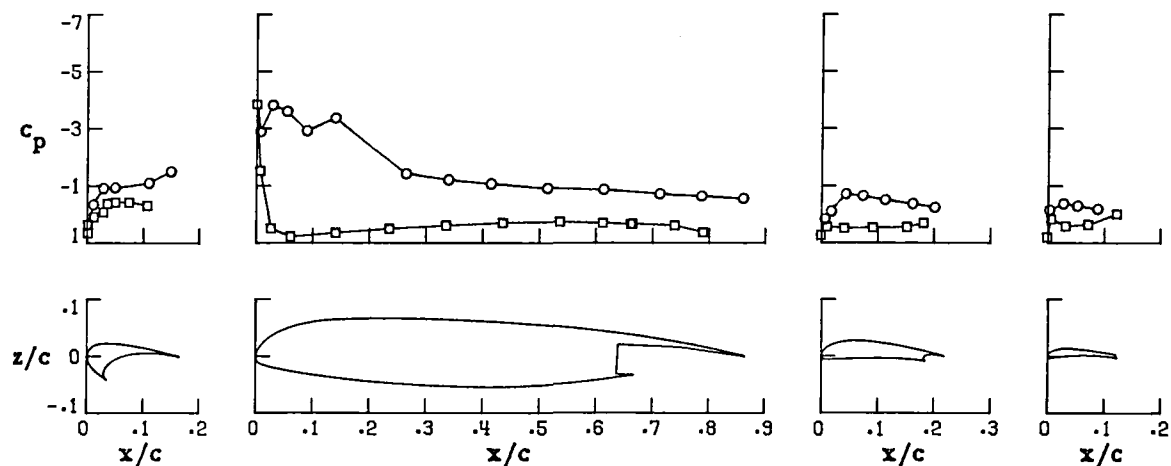
Figure 15.-Continued.

○ upper surface  
 □ lower surface

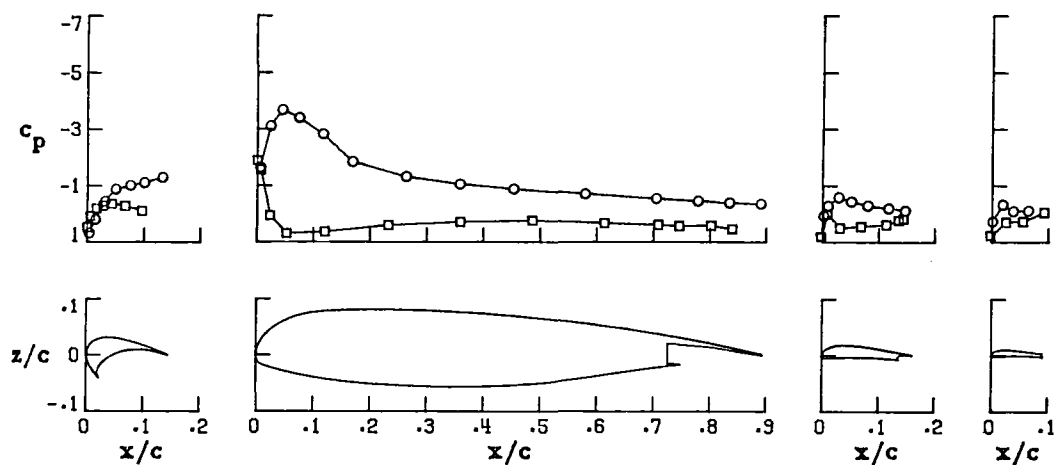
Wing Station C



Wing Station B

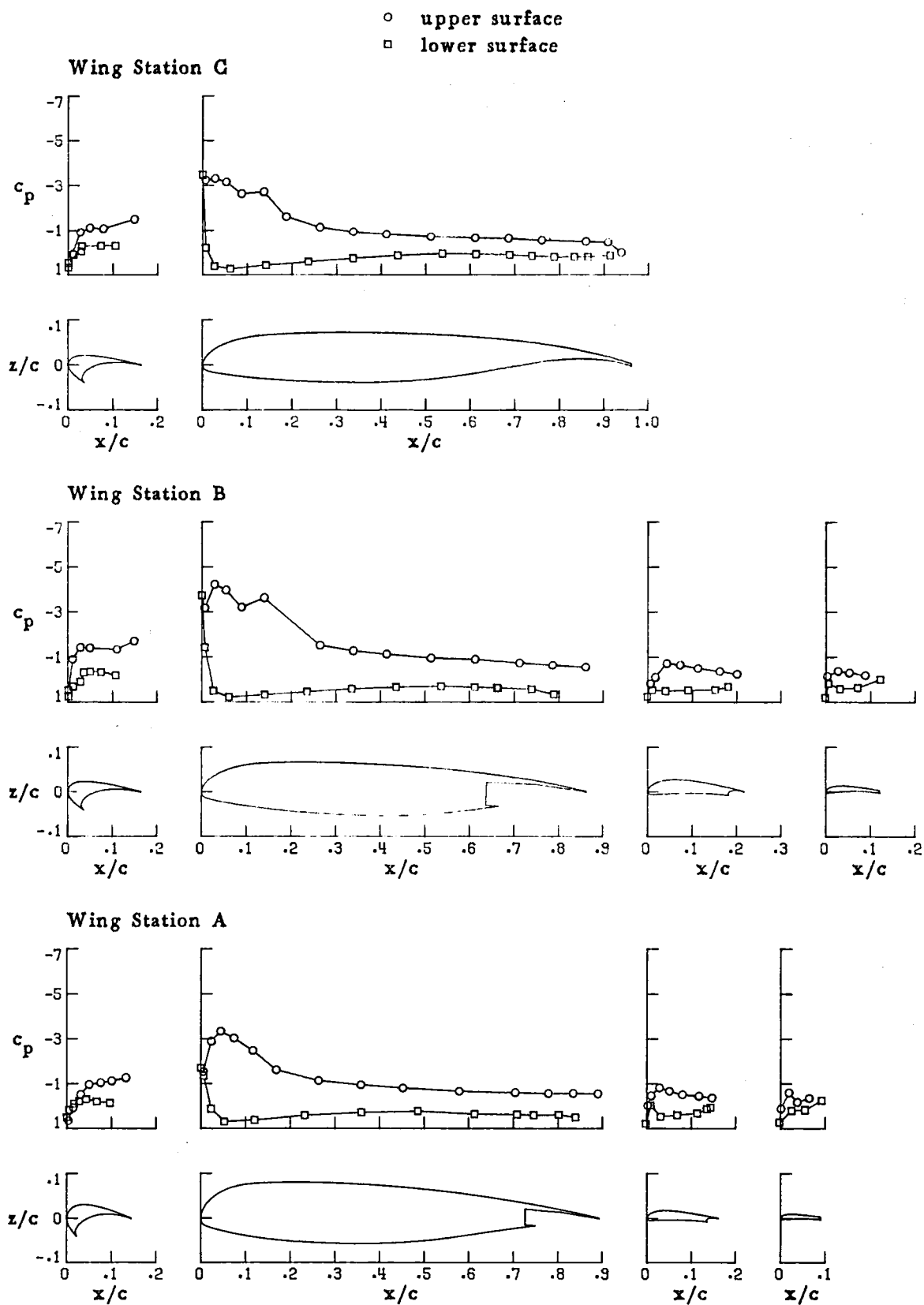


Wing Station A



(e)  $\alpha = 12.285^\circ$

Figure 15.-Continued.



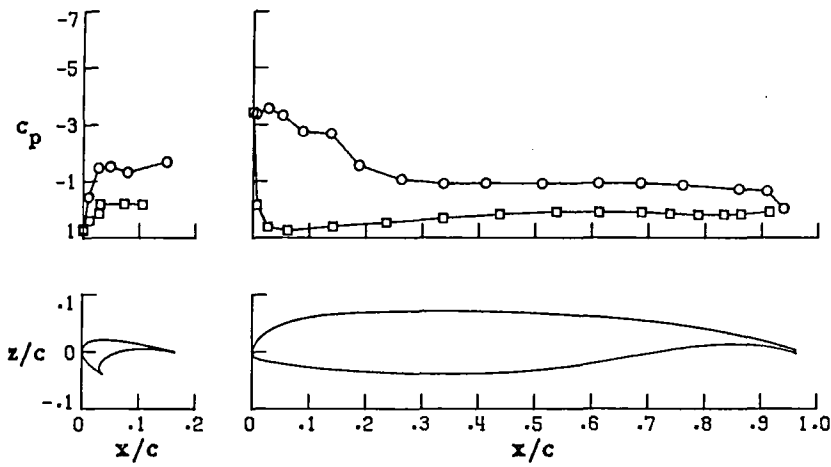
(F)  $\alpha = 14.841^\circ$

Figure 15.-Continued.

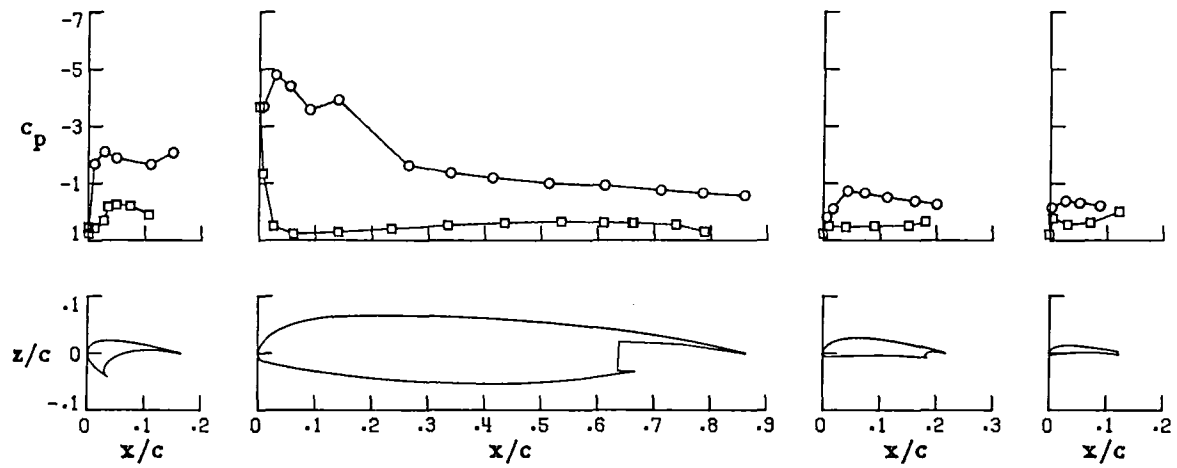


○ upper surface  
 □ lower surface

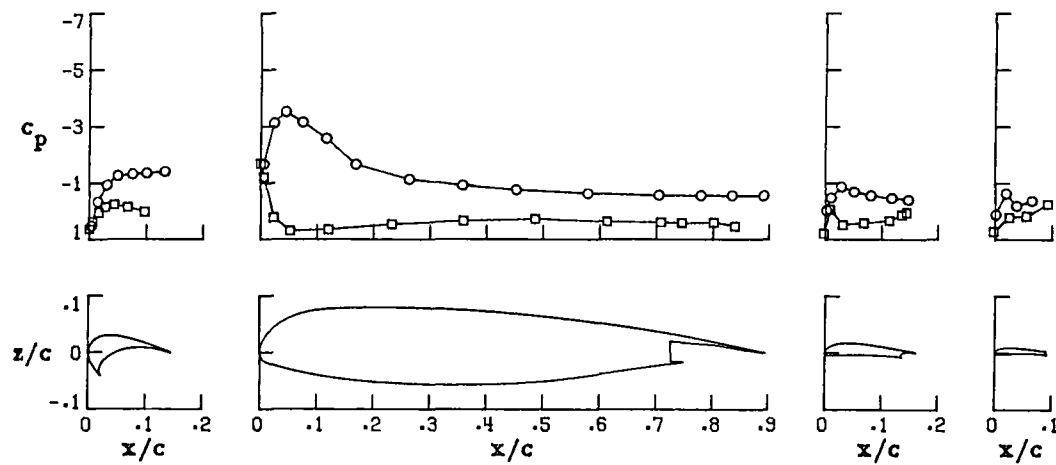
Wing Station G



Wing Station B



Wing Station A

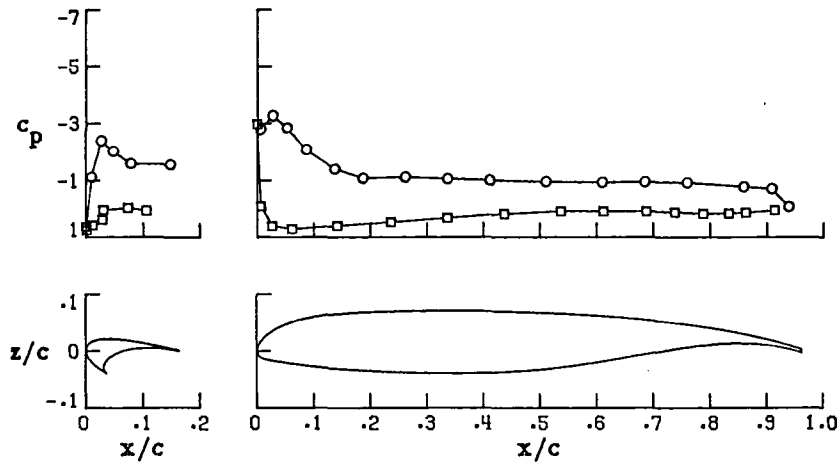


(g)  $\alpha = 16.428^\circ$

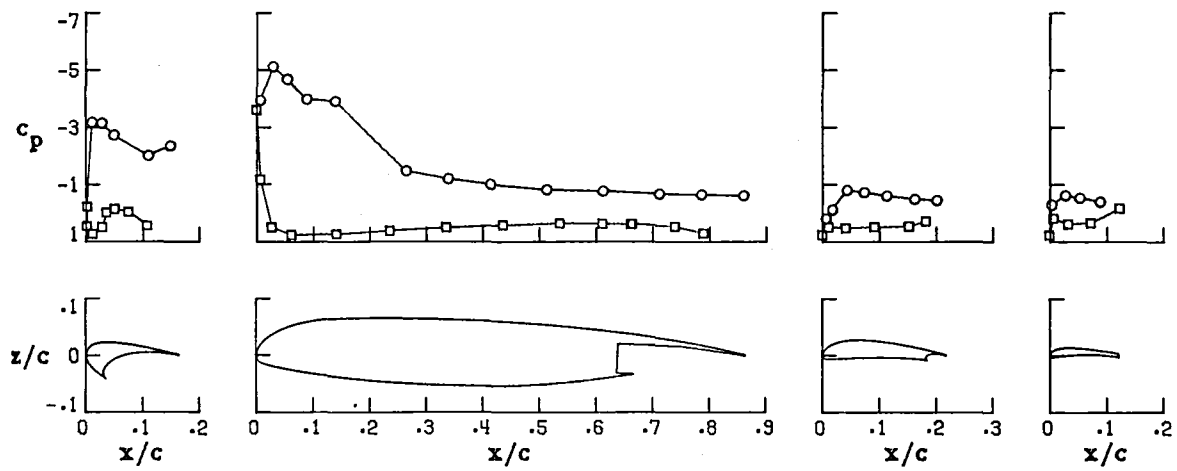
Figure 15.-Continued.

○ upper surface  
 □ lower surface

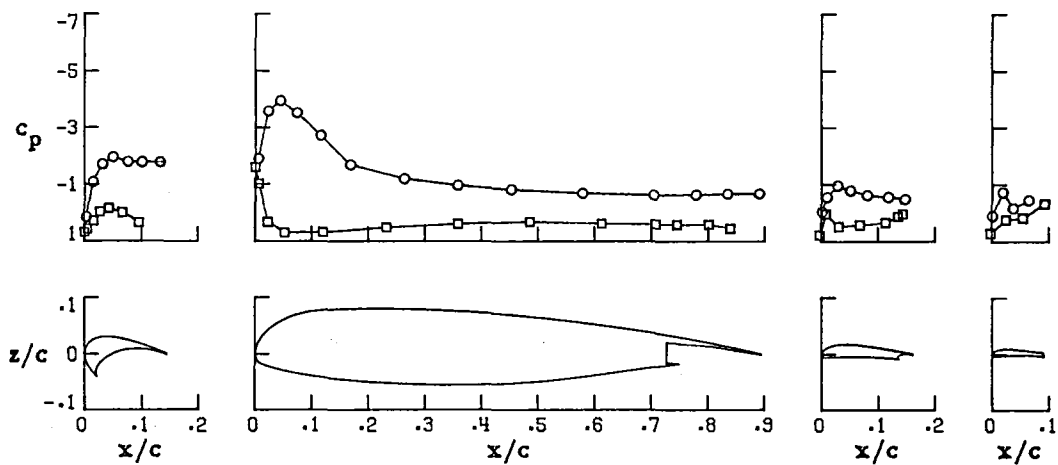
Wing Station C



Wing Station B



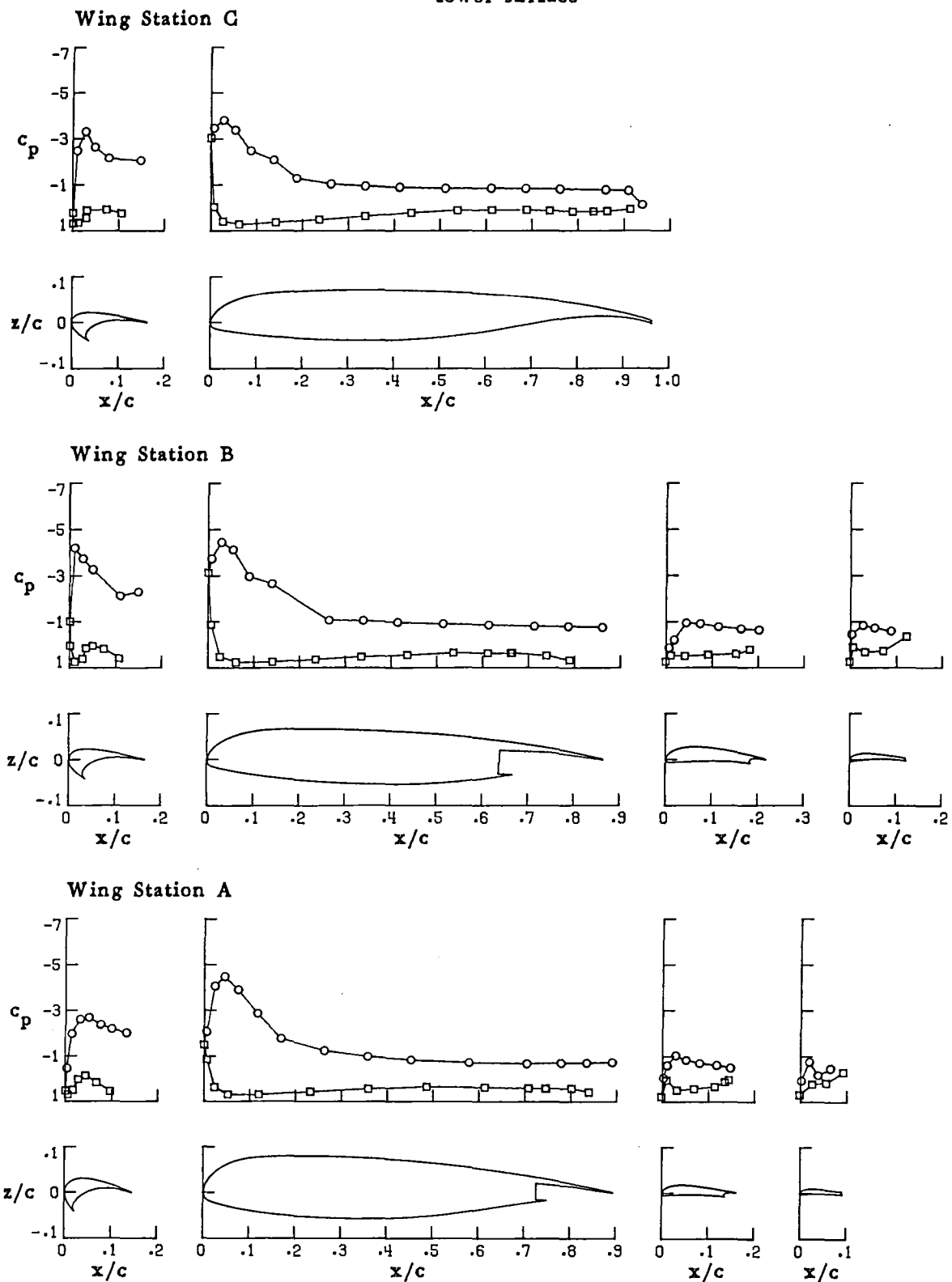
Wing Station A



(h)  $\alpha = 20.439^\circ$

Figure 15.-Continued.

○ upper surface  
 □ lower surface

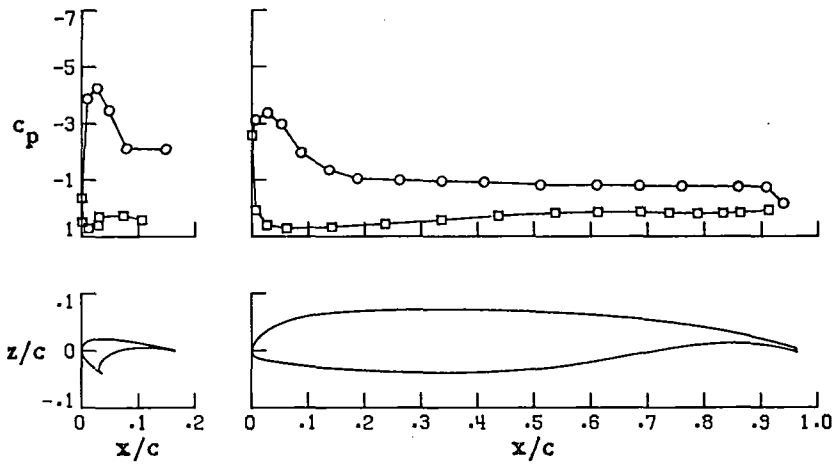


(i)  $\alpha = 24.495^\circ$

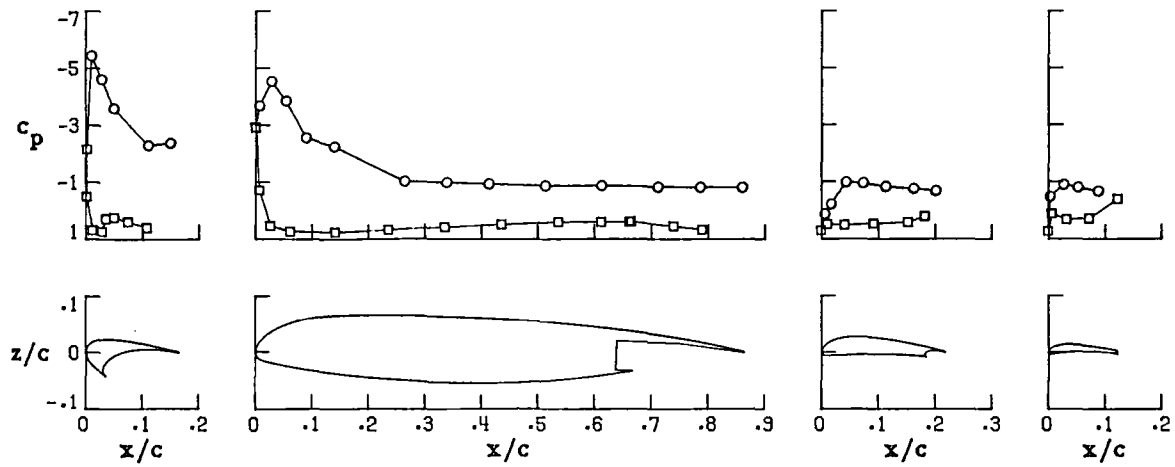
Figure 15.-Continued.

○ upper surface  
 □ lower surface

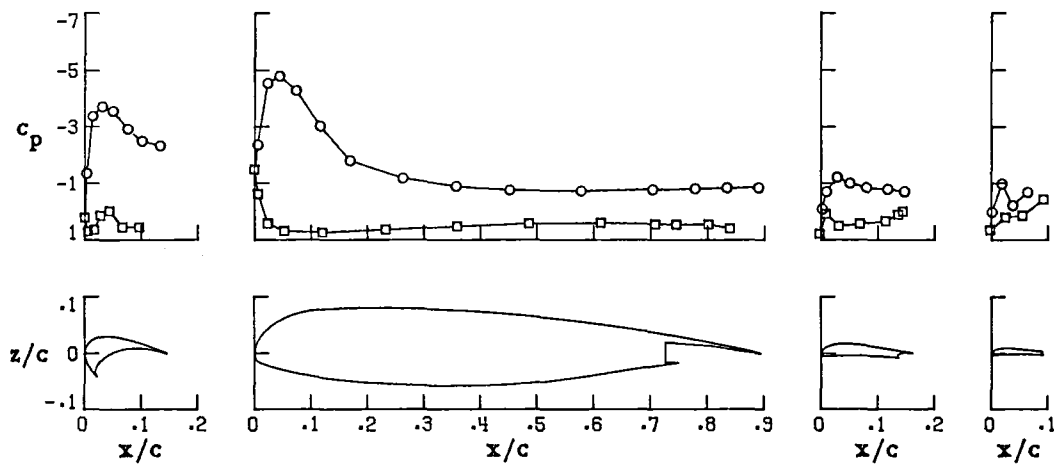
Wing Station C



Wing Station B



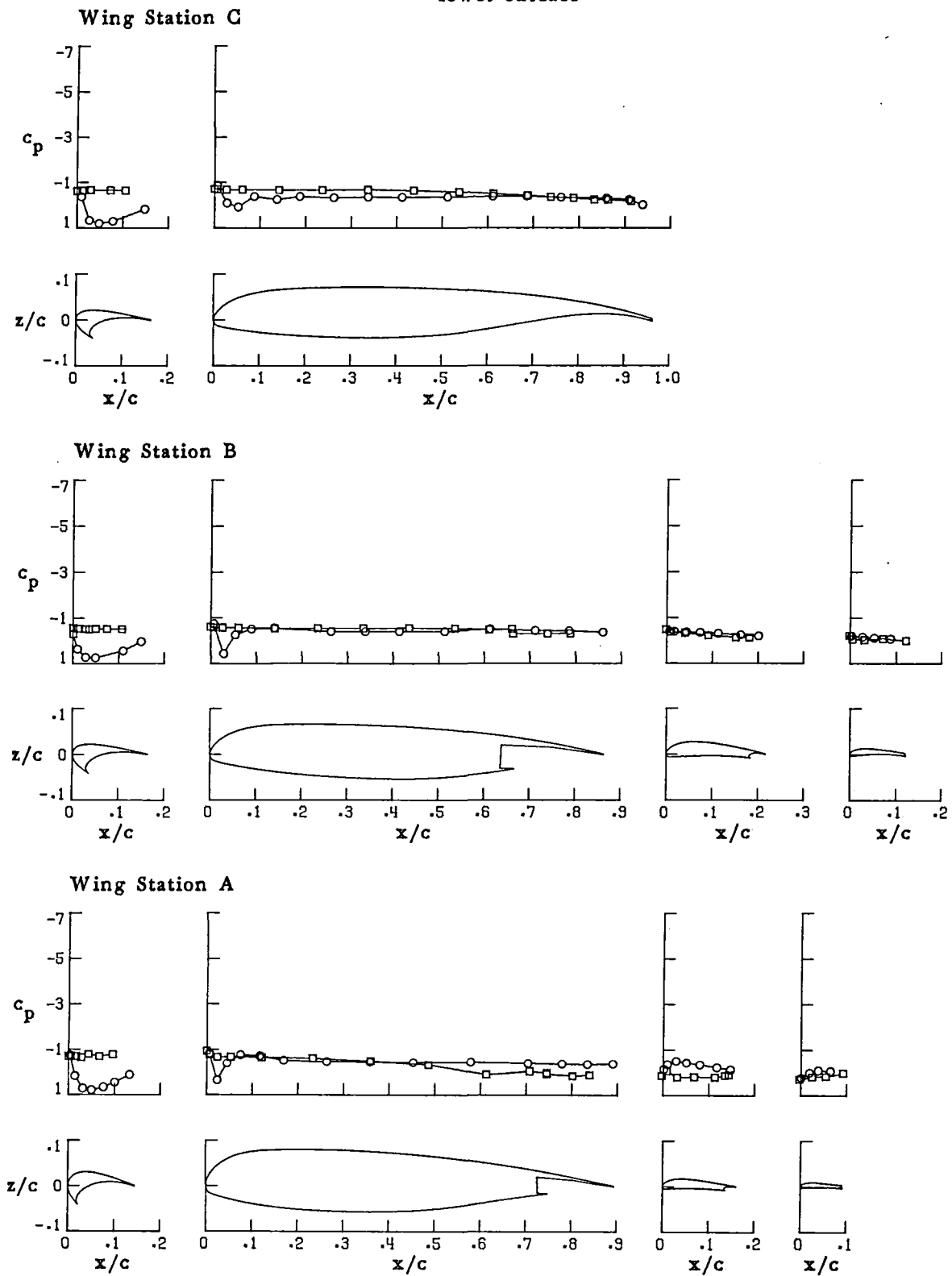
Wing Station A



(j)  $\alpha = 28.600^\circ$

Figure 15.-Concluded.

○ upper surface  
 □ lower surface

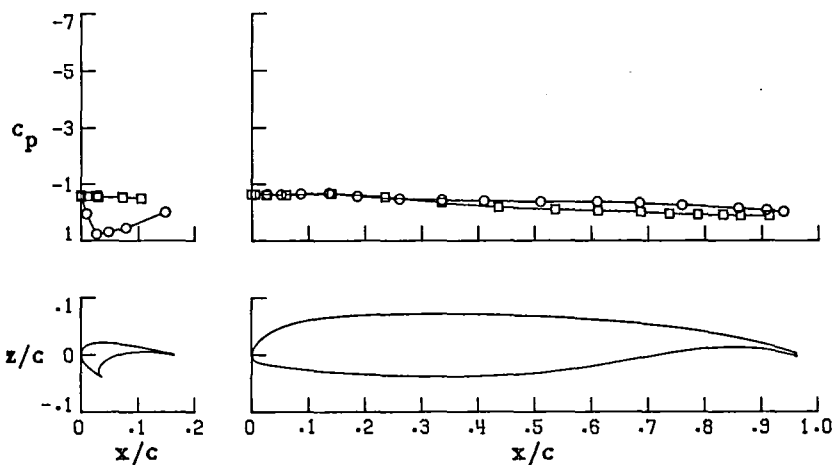


(a)  $\alpha = -3.847^\circ$

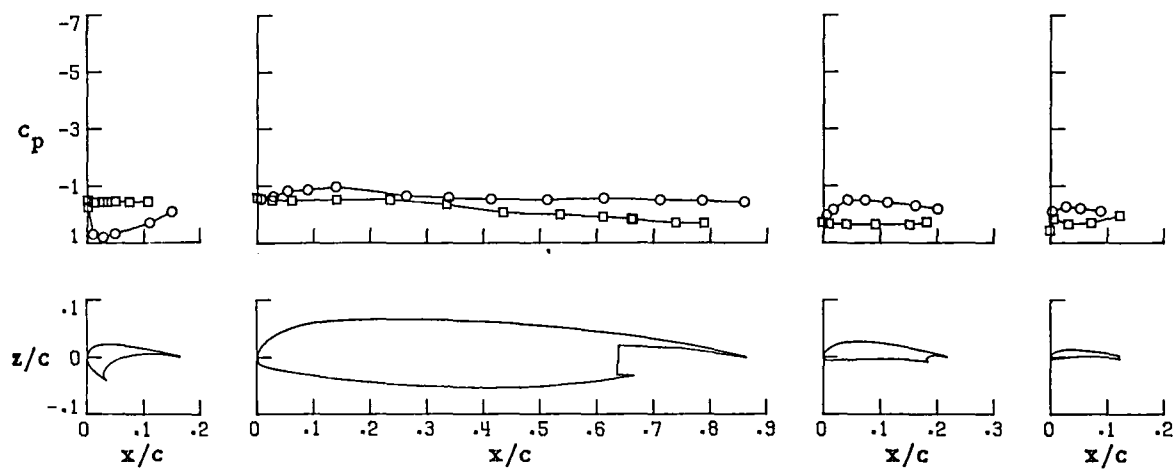
Figure 16. - Pressure distributions for aspect-ratio-12,  $15^\circ$  take-off flap wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 70)

○ upper surface  
 □ lower surface

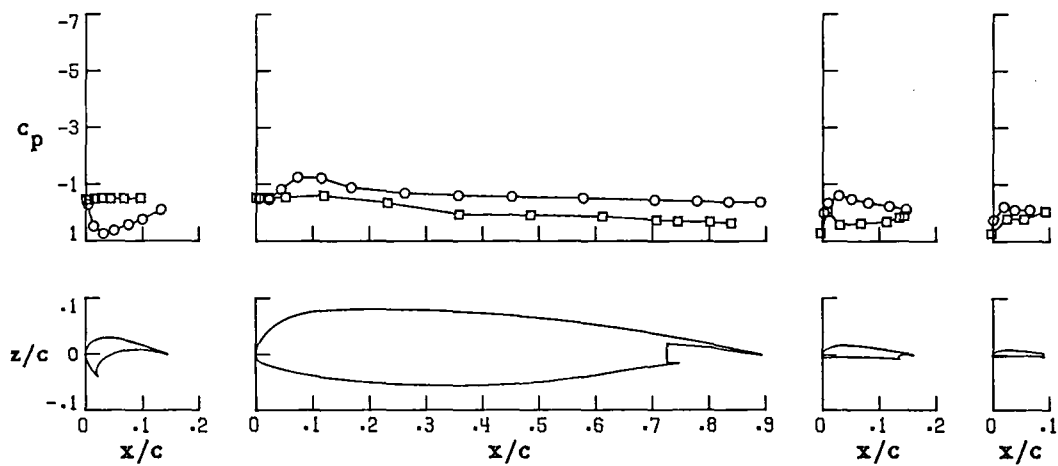
Wing Station C



Wing Station B



Wing Station A

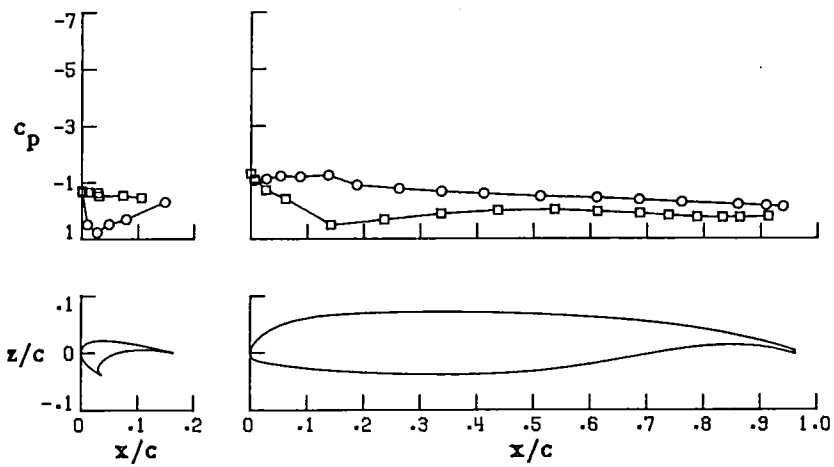


(b)  $\alpha = .117^\circ$

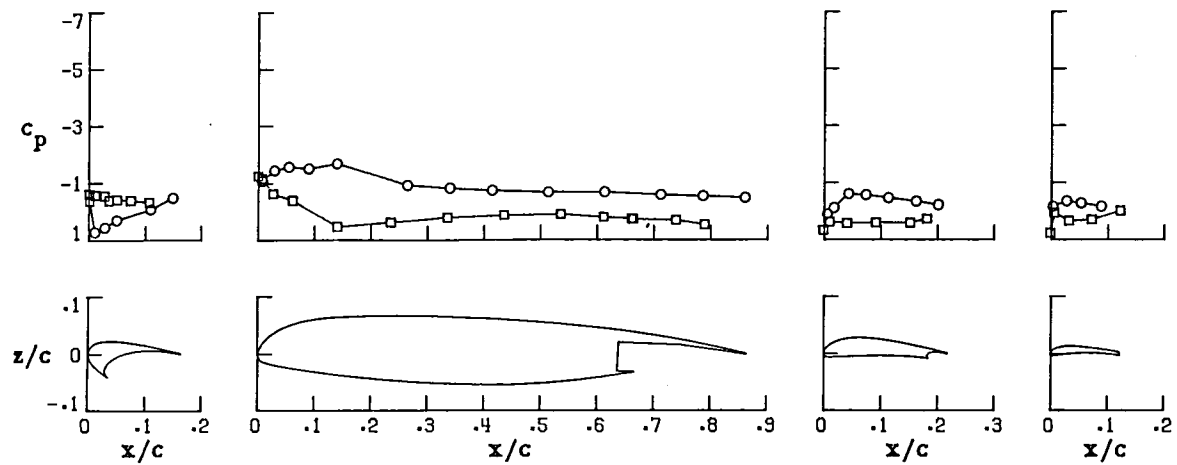
Figure 16.-Continued.

○ upper surface  
 □ lower surface

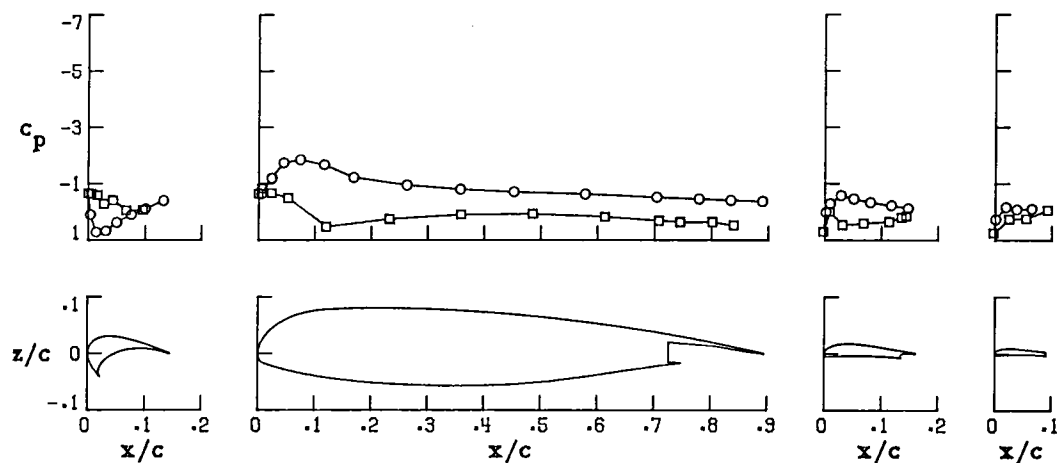
Wing Station C



Wing Station B



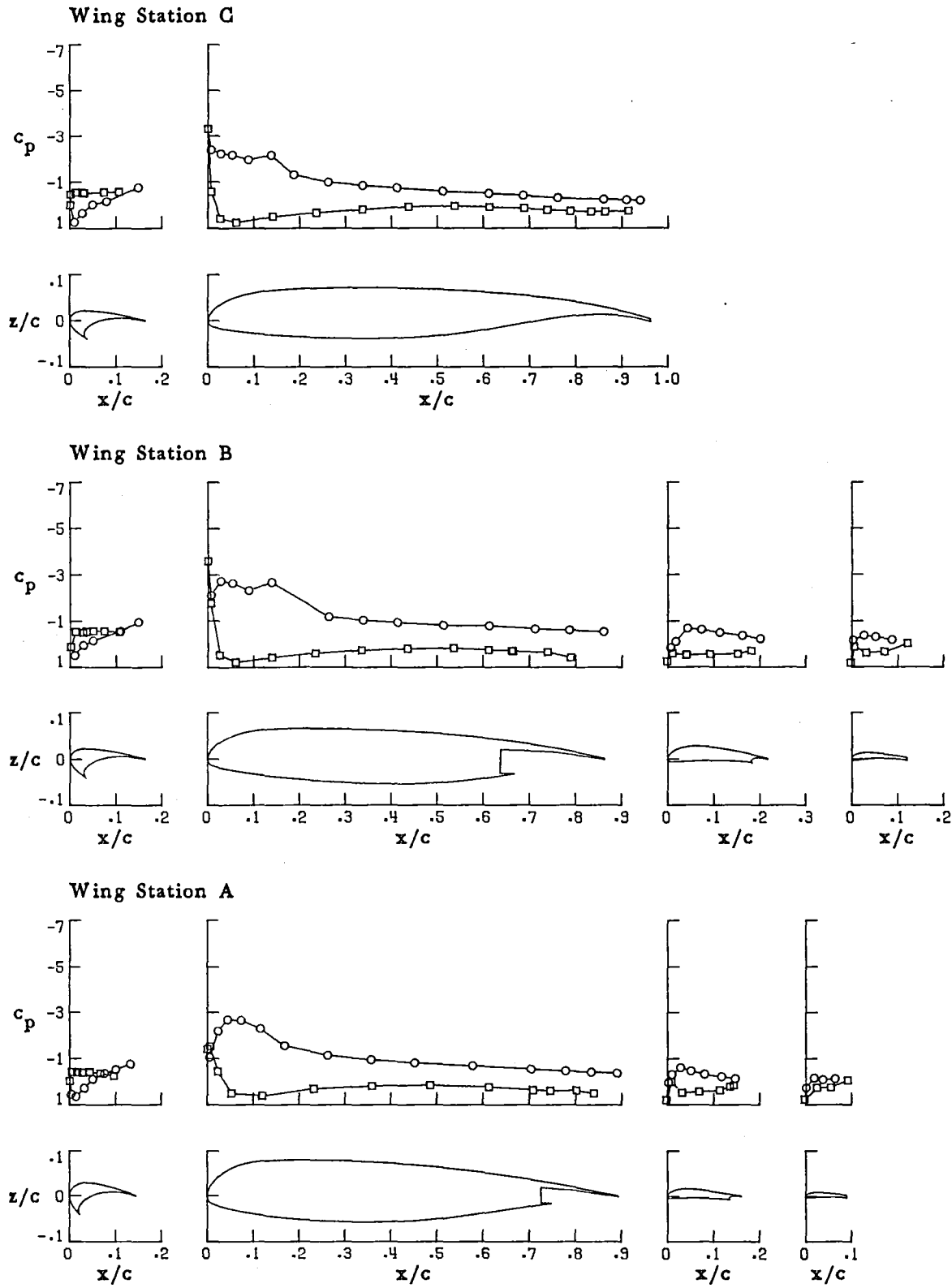
Wing Station A



(c)  $\alpha = 4.205^\circ$

Figure 16.-Continued.

○ upper surface  
 □ lower surface



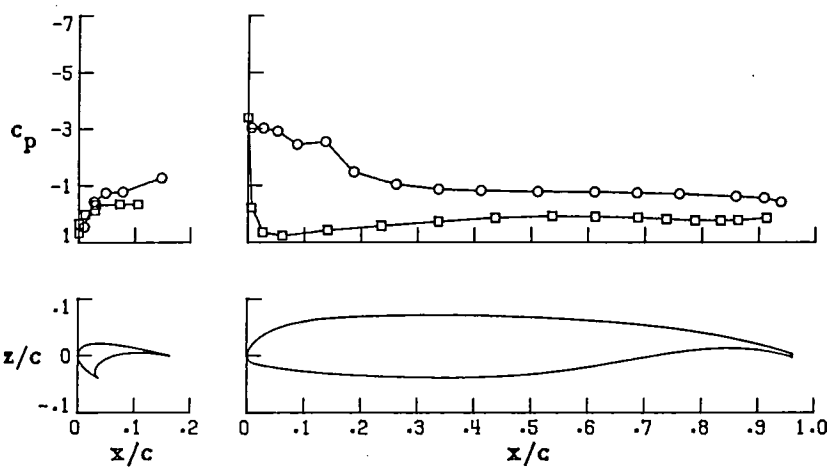
(d)  $\alpha = 8.387^\circ$

Figure 16.-Continued.

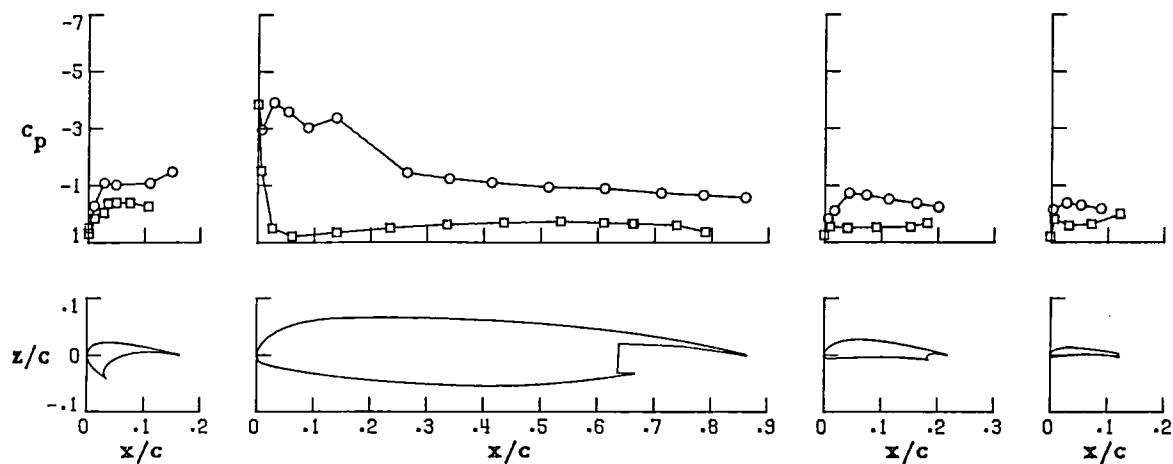


○ upper surface  
 □ lower surface

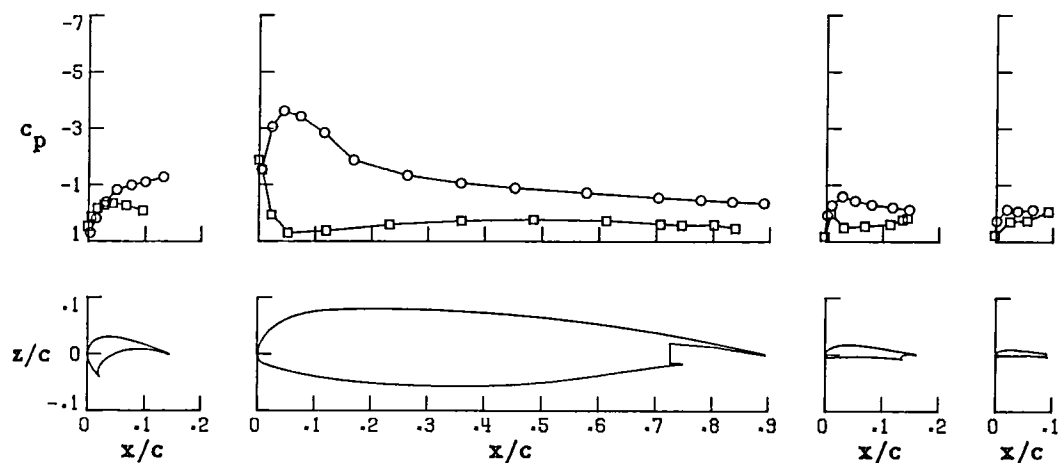
Wing Station C



Wing Station B



Wing Station A

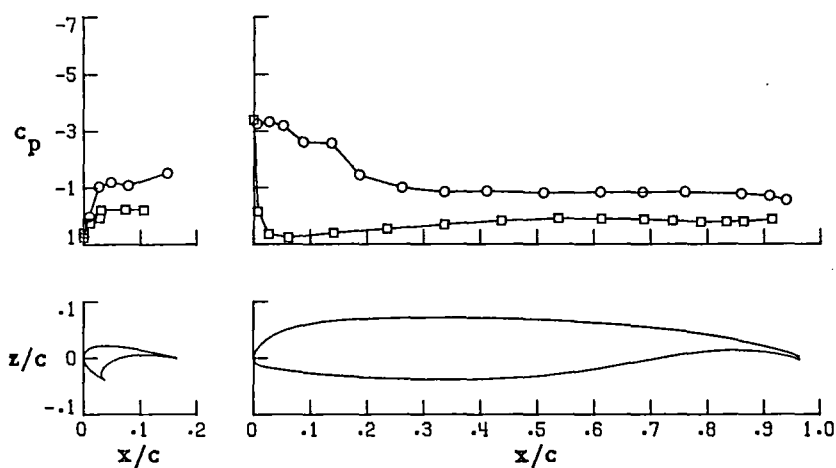


(e)  $\alpha = 12.375^\circ$

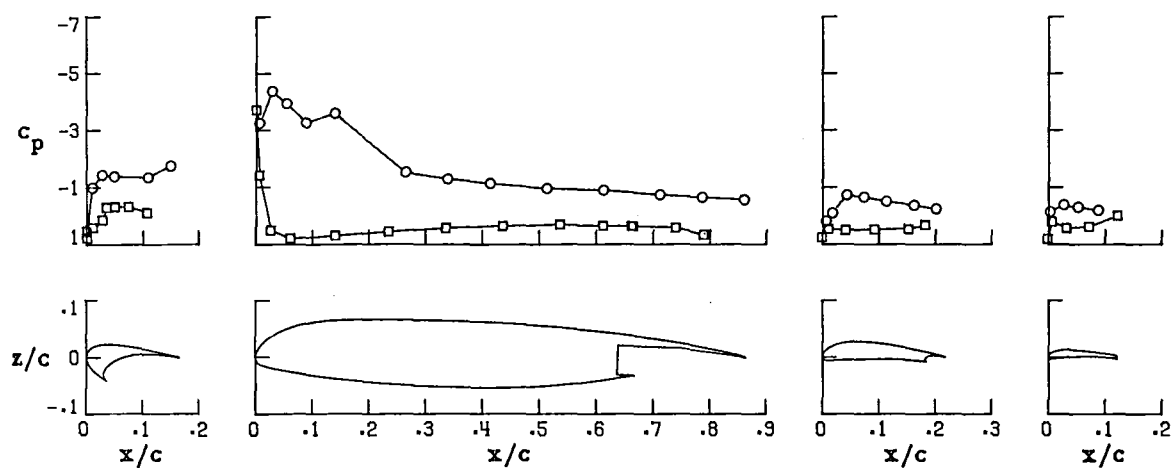
Figure 16.-Continued.

○ upper surface  
 □ lower surface

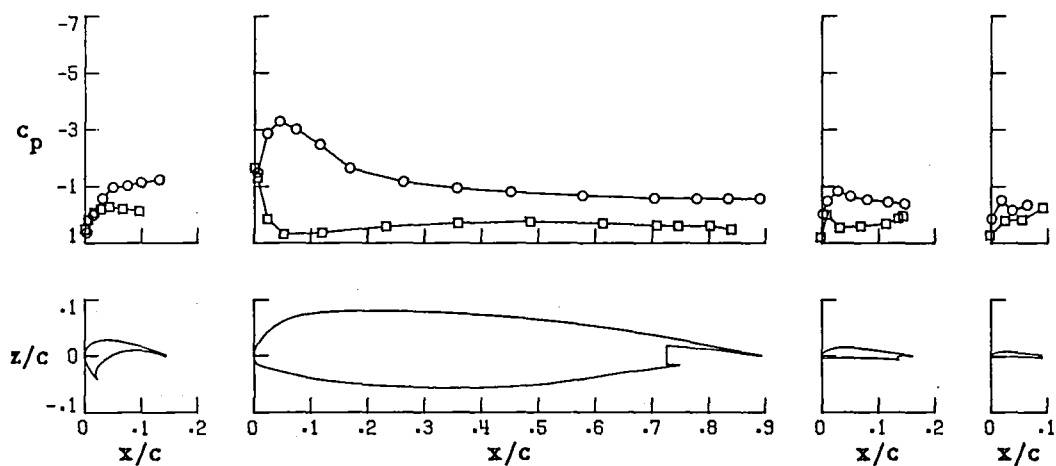
Wing Station C



Wing Station B



Wing Station A

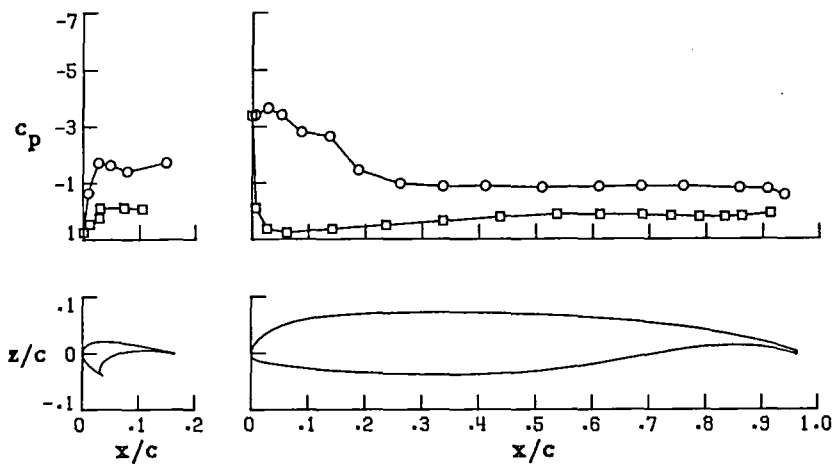


(f)  $\alpha = 14.405^\circ$

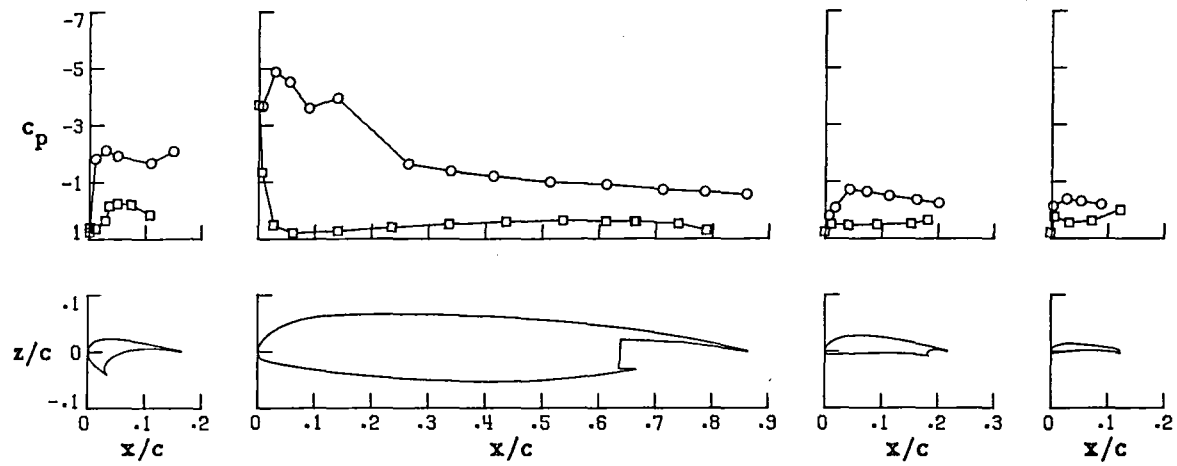
Figure 16.-Continued.

○ upper surface  
 □ lower surface

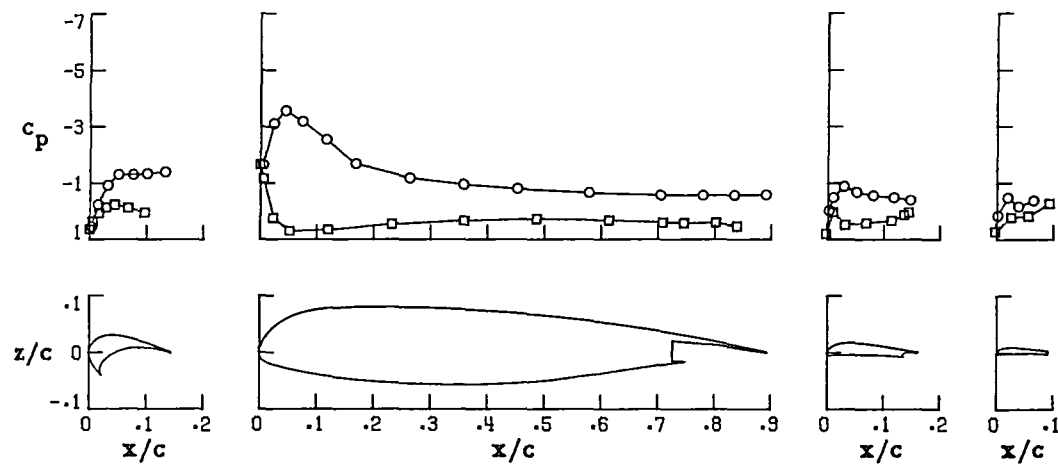
Wing Station C



Wing Station B



Wing Station A

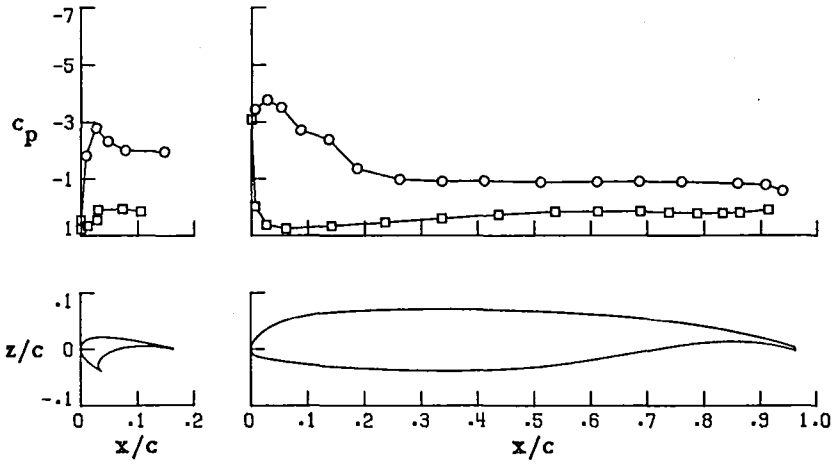


(g)  $\alpha = 16.463^\circ$

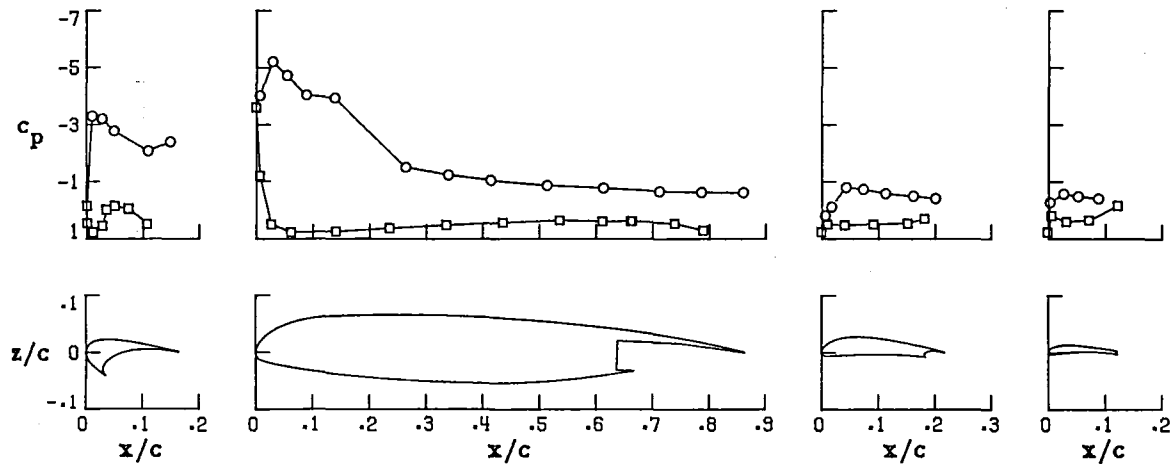
Figure 16.-Continued.

○ upper surface  
 □ lower surface

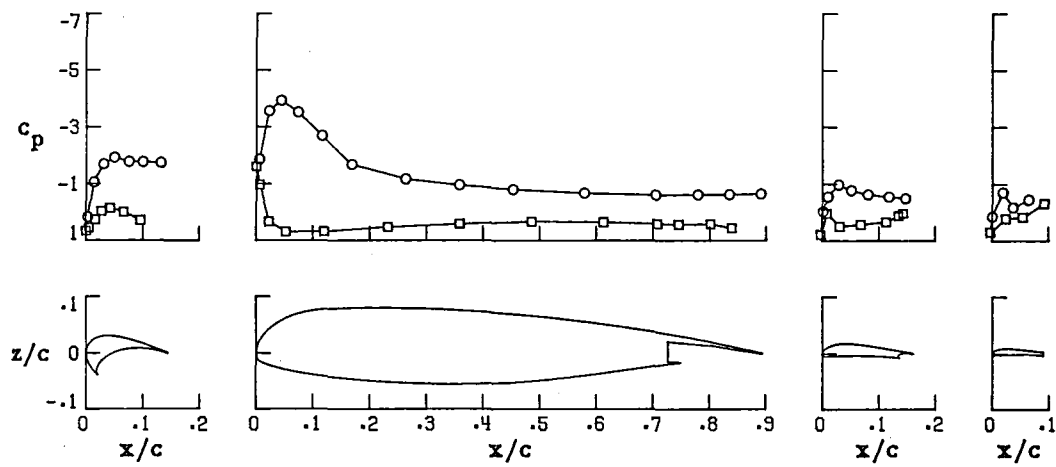
Wing Station C



Wing Station B



Wing Station A

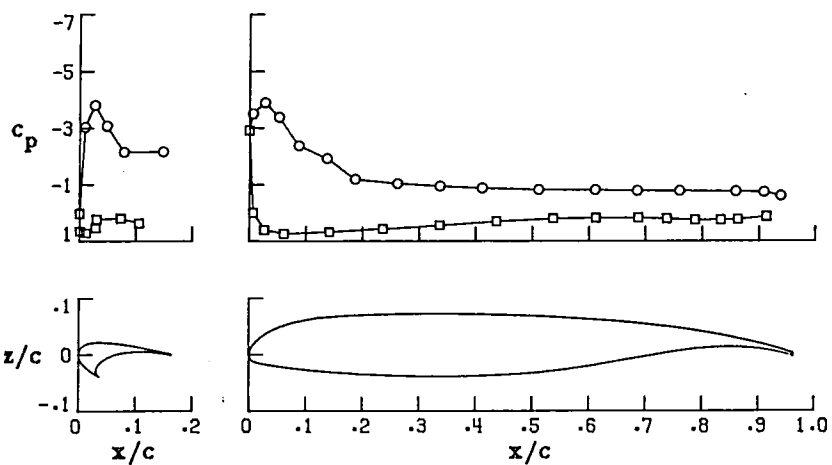


(h)  $\alpha = 20.373^\circ$

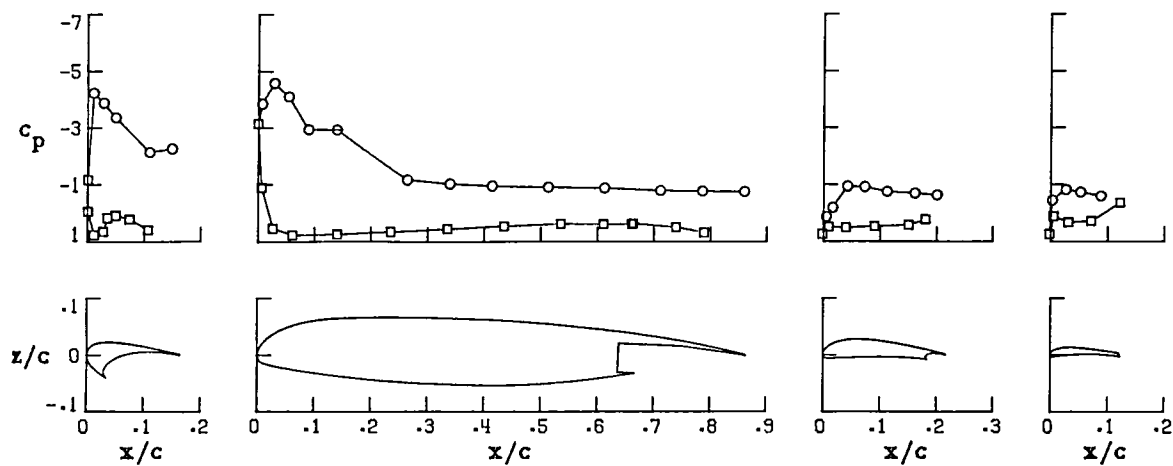
Figure 16.-Continued.

○ upper surface  
 □ lower surface

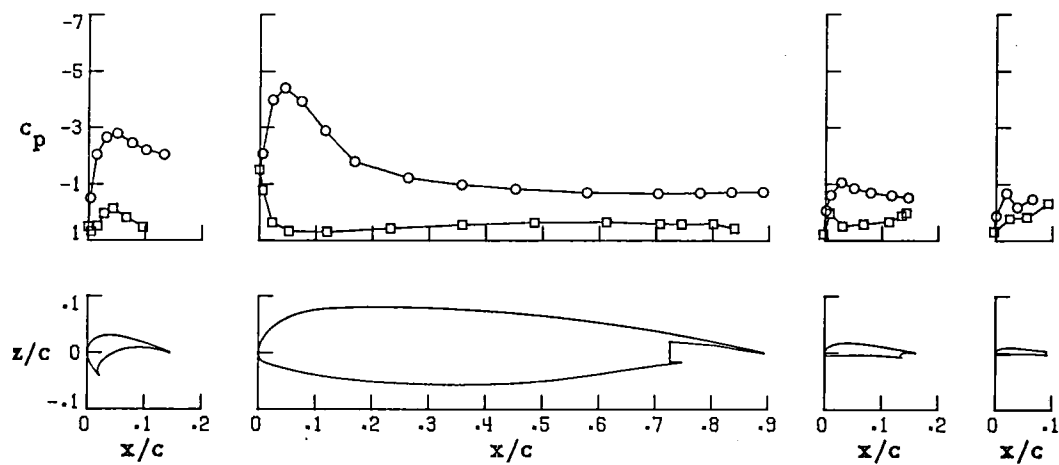
Wing Station C



Wing Station B



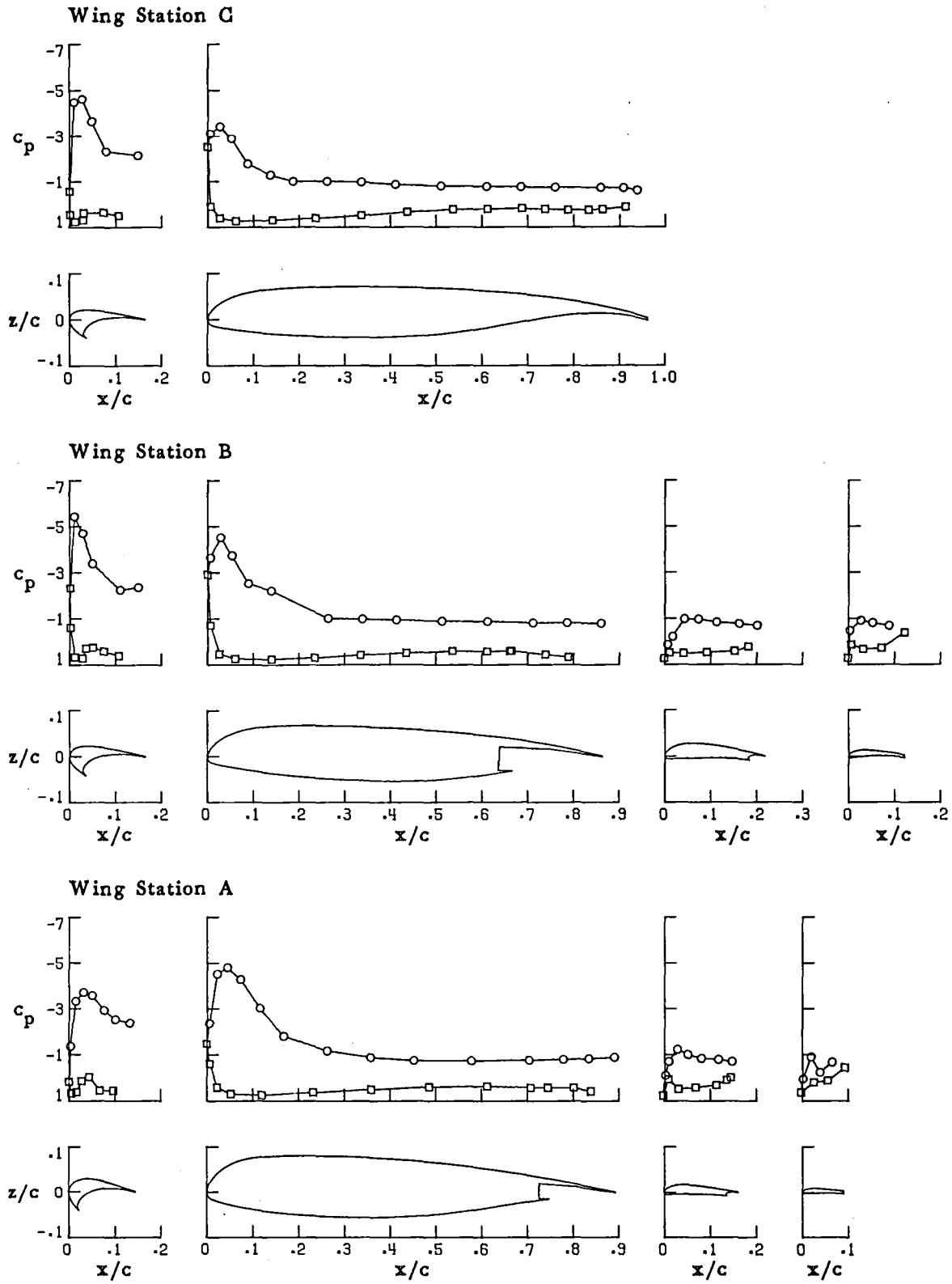
Wing Station A



(i)  $\alpha = 24.599^\circ$

Figure 16.-Continued.

○ upper surface  
 □ lower surface

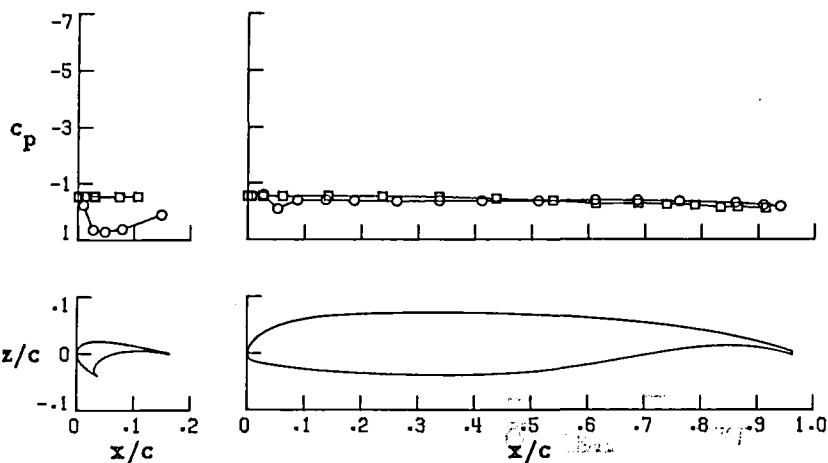


(j)  $\alpha = 28.490^\circ$

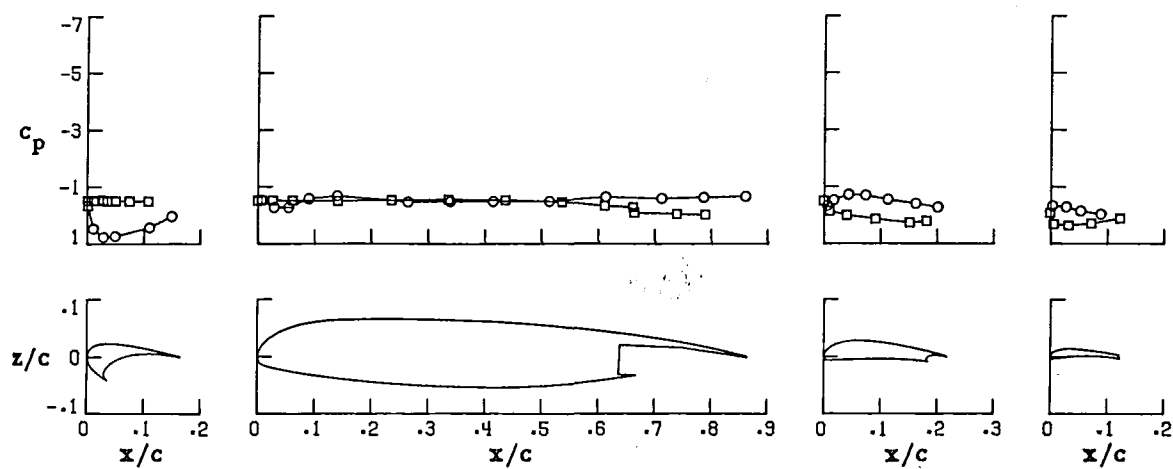
Figure 16.-Concluded.

○ upper surface  
 □ lower surface

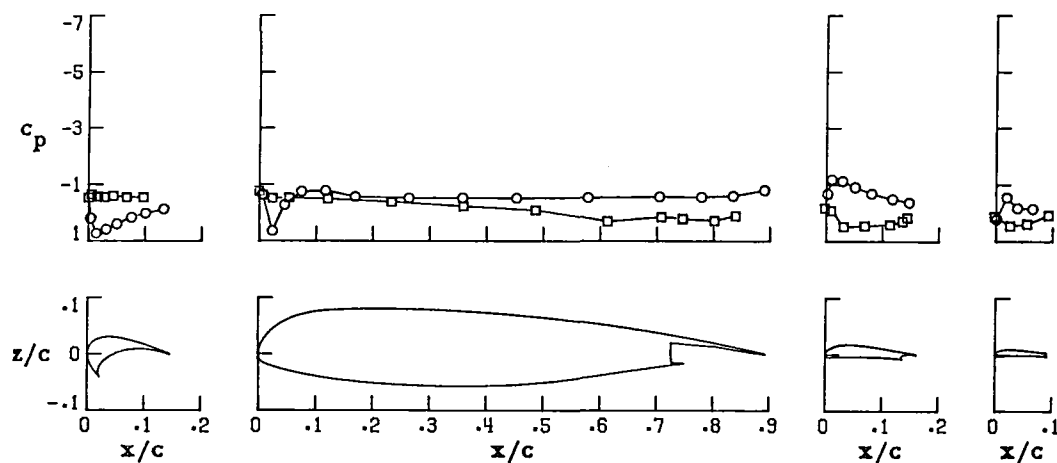
Wing Station C



Wing Station B



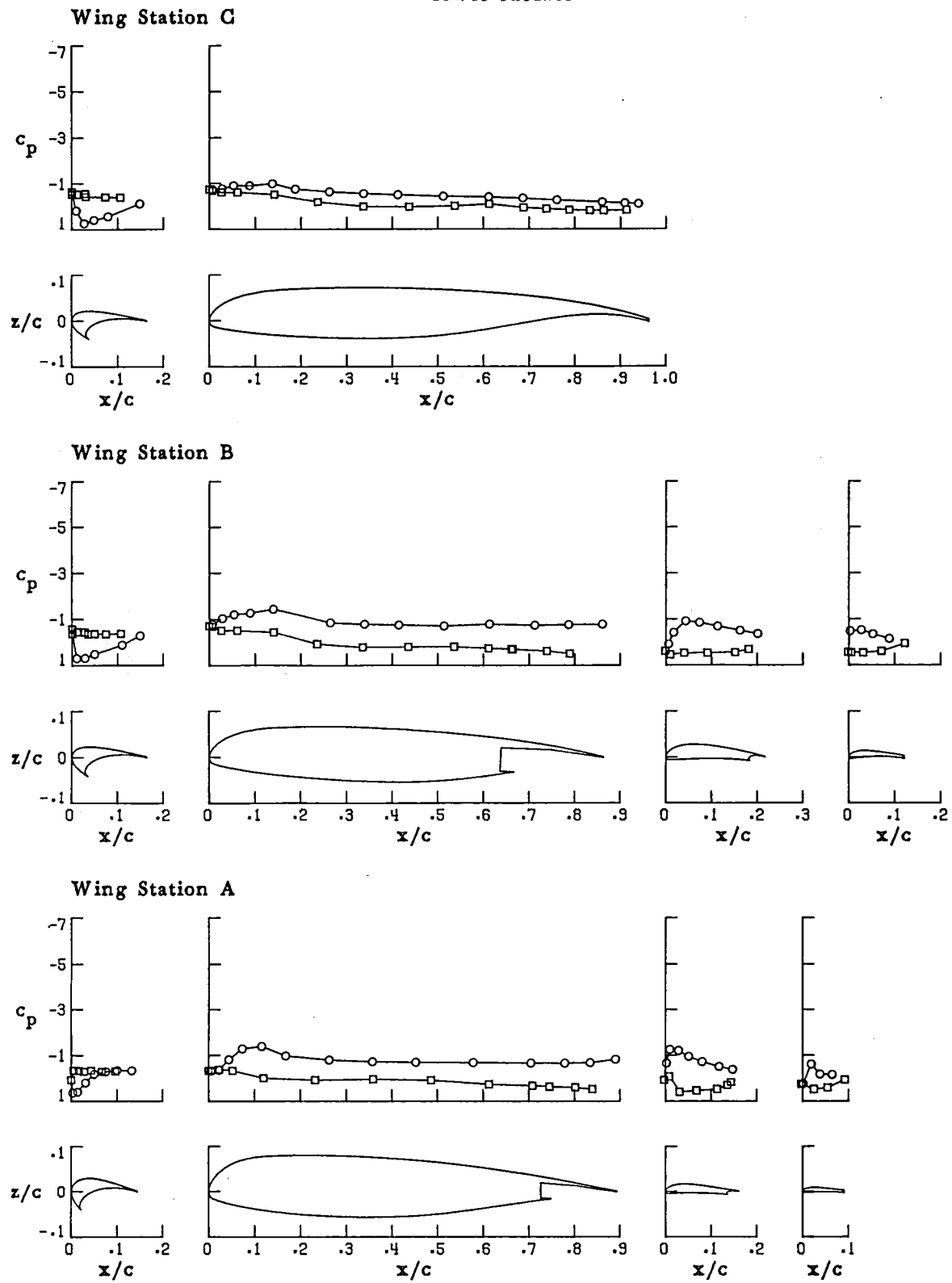
Wing Station A



(a)  $\alpha = -3.943^\circ$

Figure 17. - Pressure distributions for aspect-ratio-10,  $30^\circ$  take-off flap wing configuration with  $-30^\circ$  deflection of inboard slat. (Run 58)

○ upper surface  
 □ lower surface



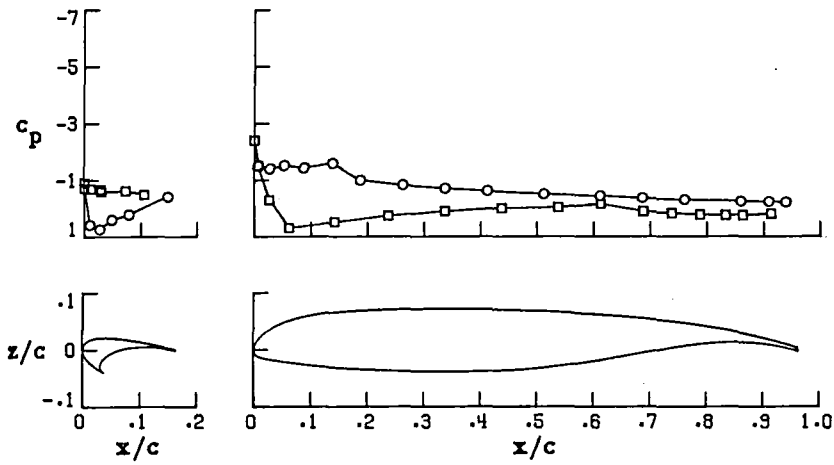
(b)  $\alpha = .245^\circ$

Figure 17.-Continued.

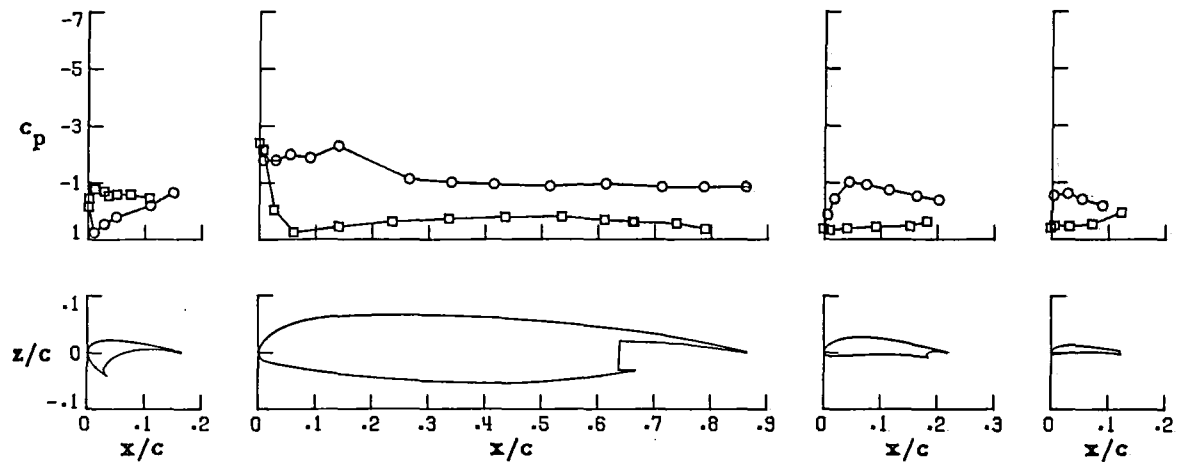


○ upper surface  
 □ lower surface

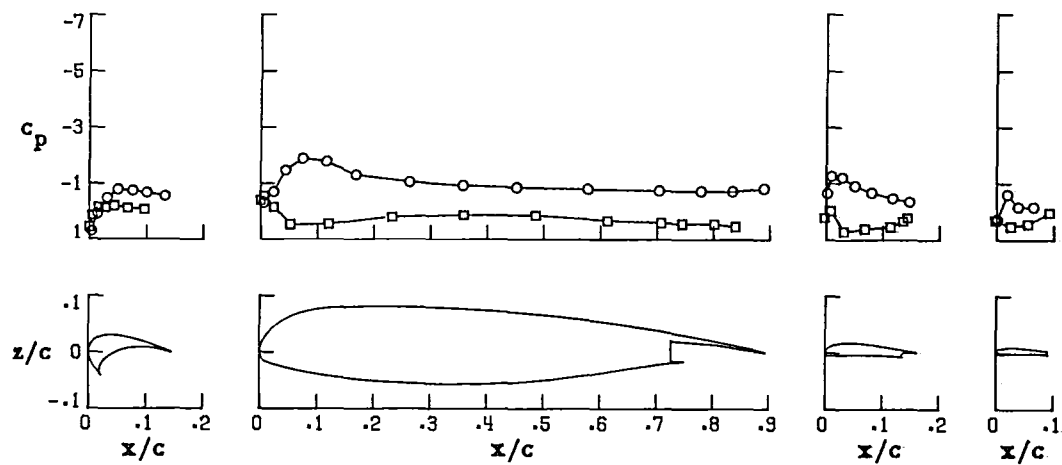
Wing Station C



Wing Station B



Wing Station A

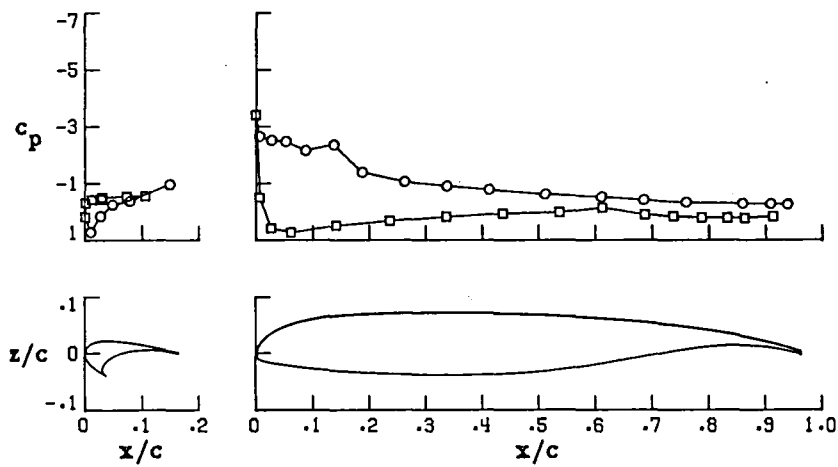


(c)  $\alpha = 4.259^\circ$

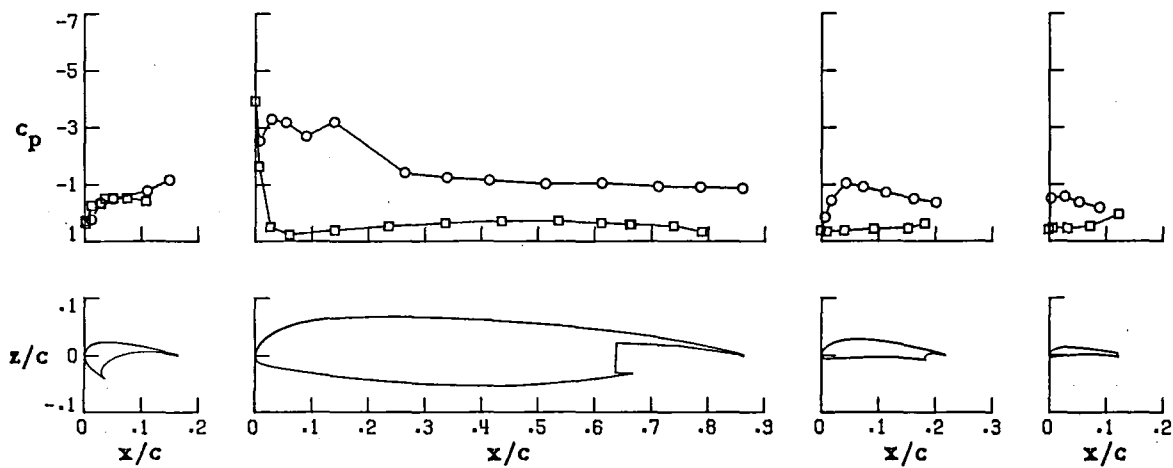
Figure 17.-Continued.

○ upper surface  
 □ lower surface

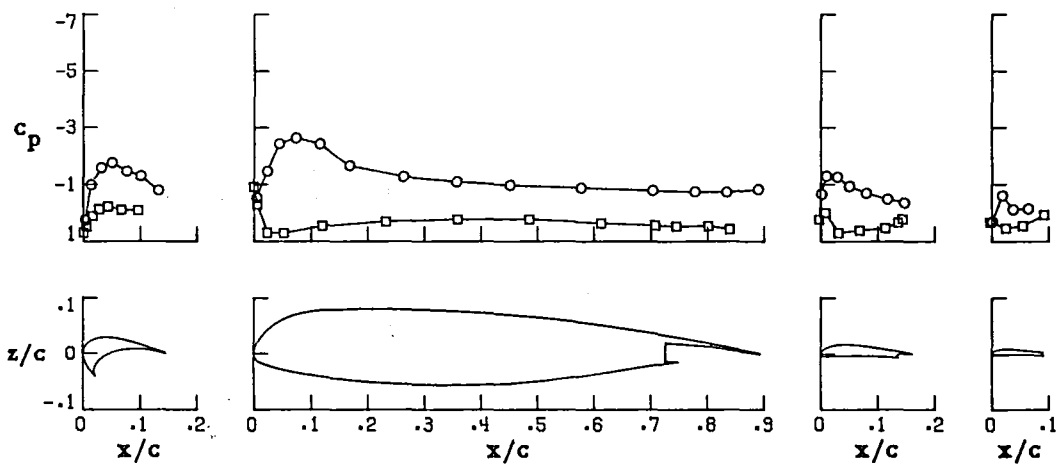
Wing Station C



Wing Station B



Wing Station A

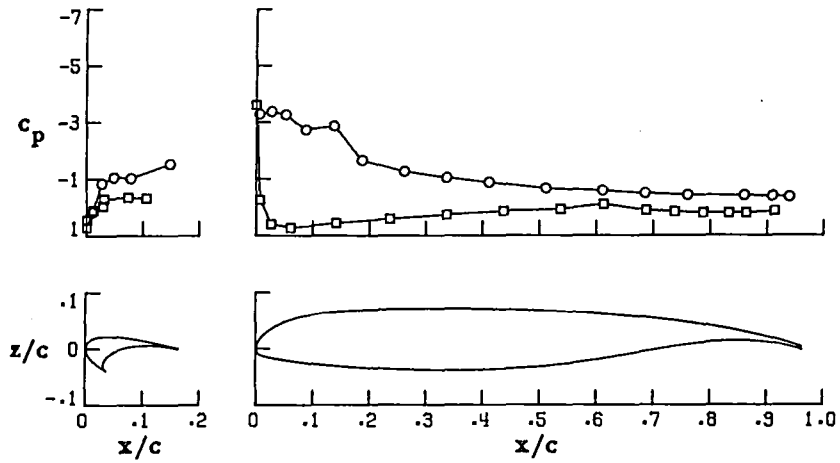


(d)  $\alpha = 8.297^\circ$

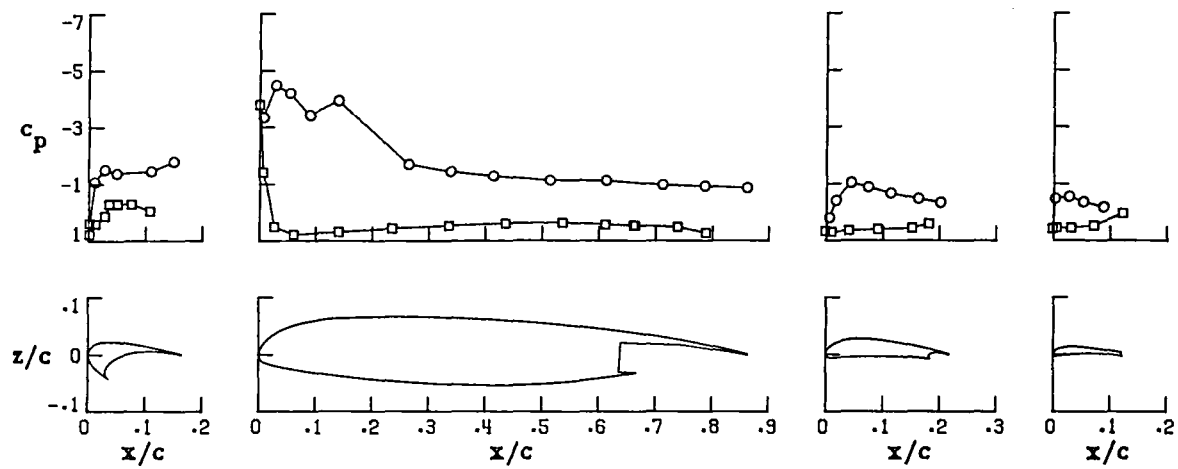
Figure 17.-Continued.

○ upper surface  
 □ lower surface

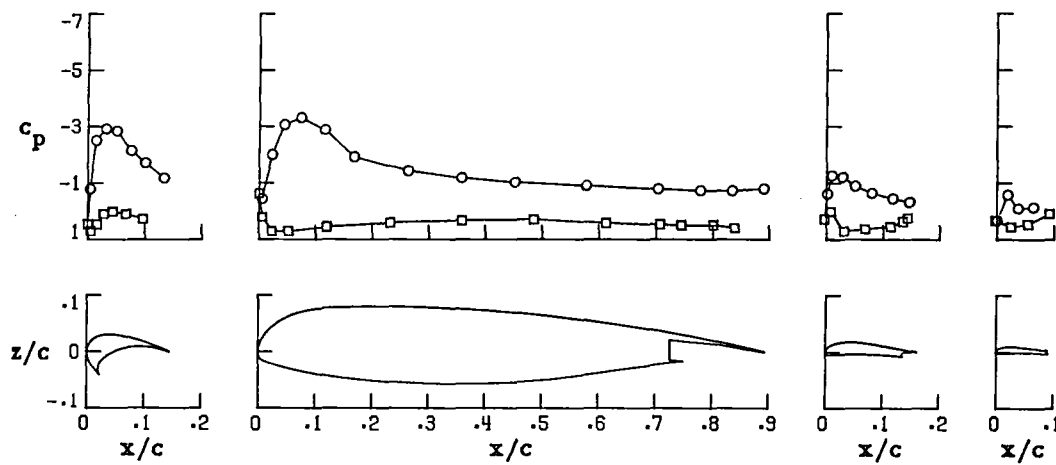
Wing Station C



Wing Station B



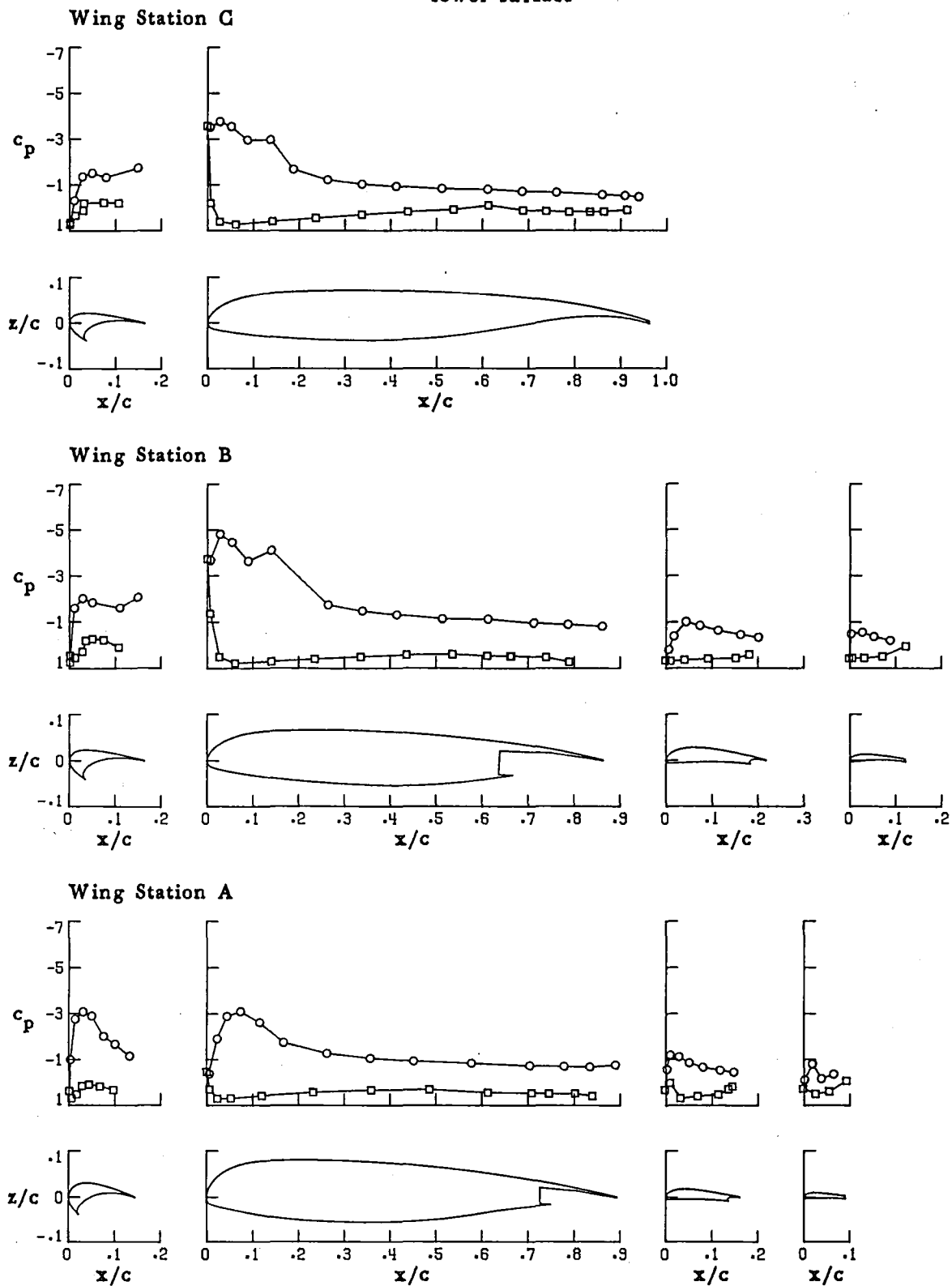
Wing Station A



(e)  $\alpha = 12.390^\circ$

Figure 17.-Continued.

○ upper surface  
 □ lower surface

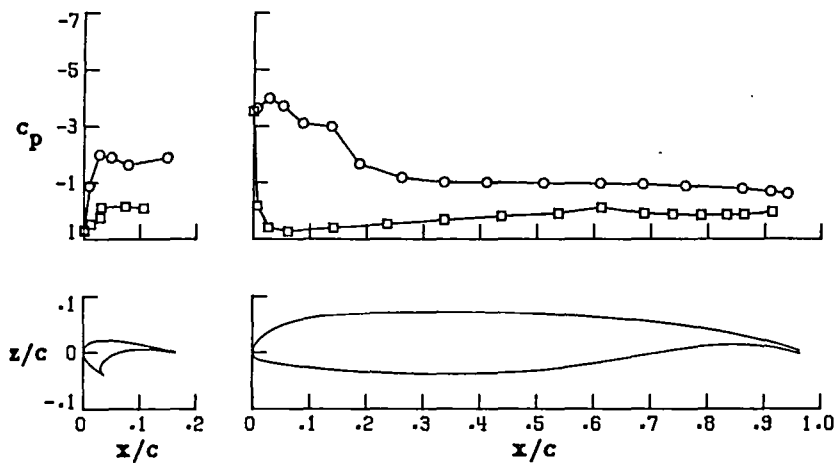


(f)  $\alpha = 14.417^\circ$

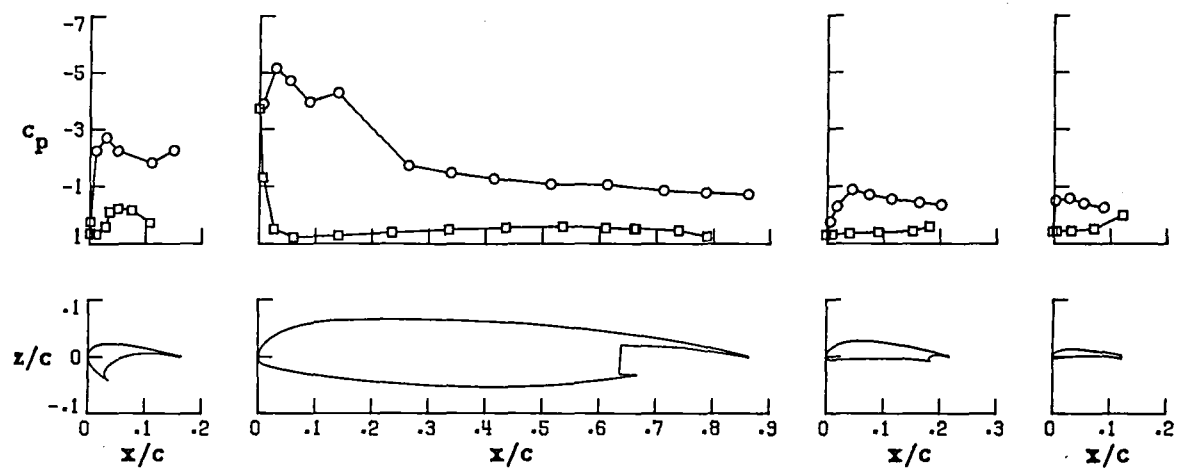
Figure 17-Continued.

○ upper surface  
 □ lower surface

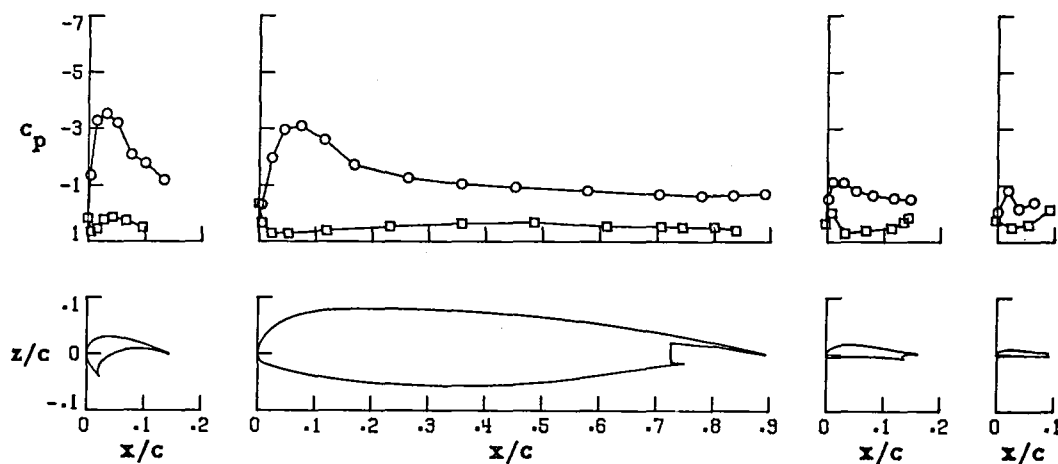
Wing Station C



Wing Station B



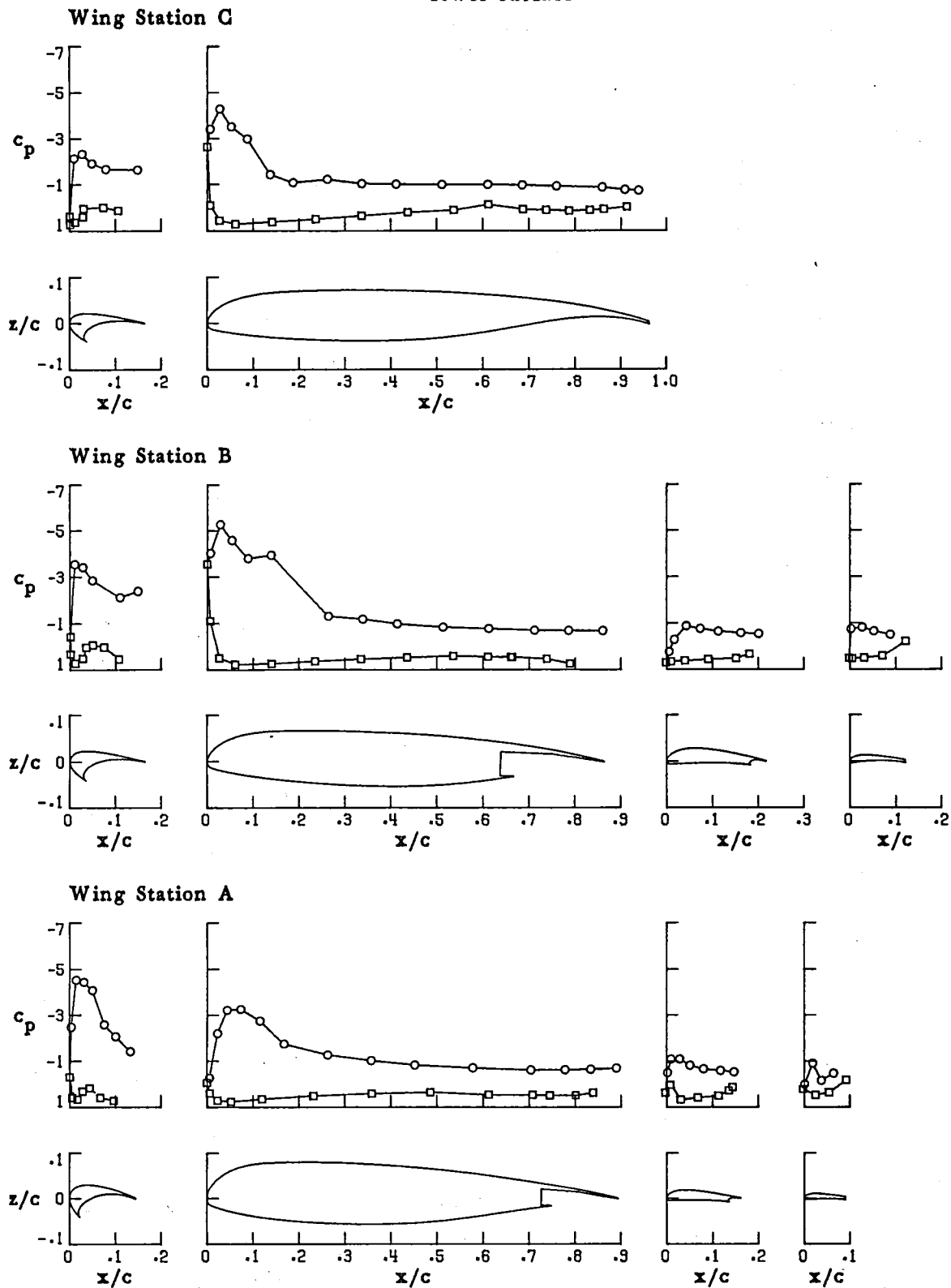
Wing Station A



(g)  $\alpha = 16.390^\circ$

Figure 17.-Continued.

○ upper surface  
 □ lower surface

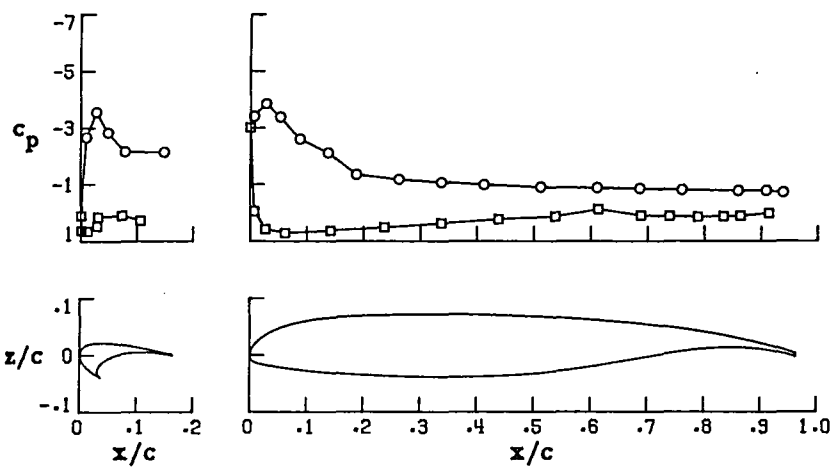


(h)  $\alpha = 20.526^\circ$

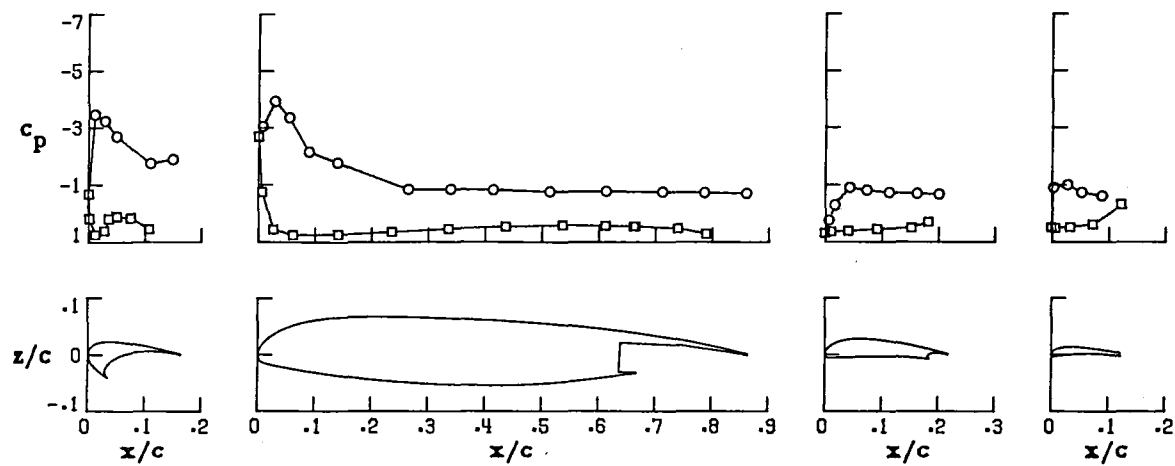
Figure 17.-Continued.

○ upper surface  
 □ lower surface

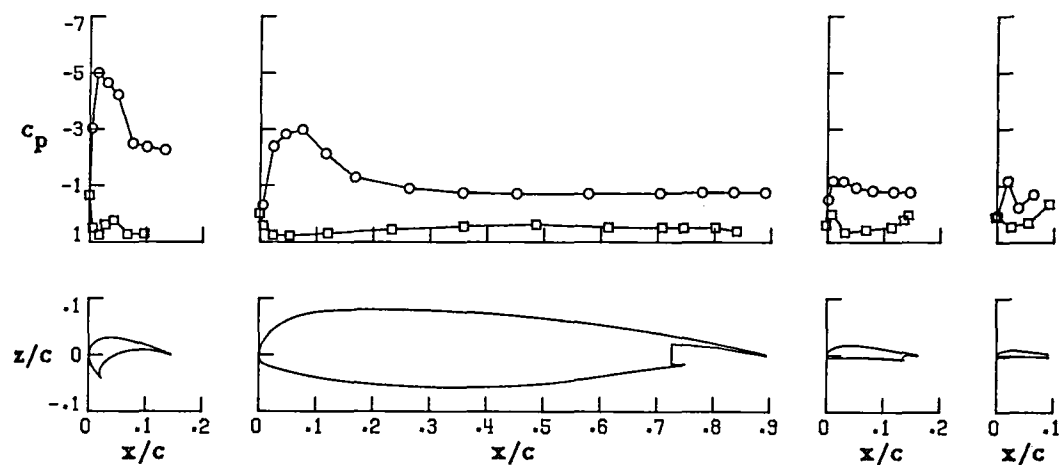
Wing Station C



Wing Station B



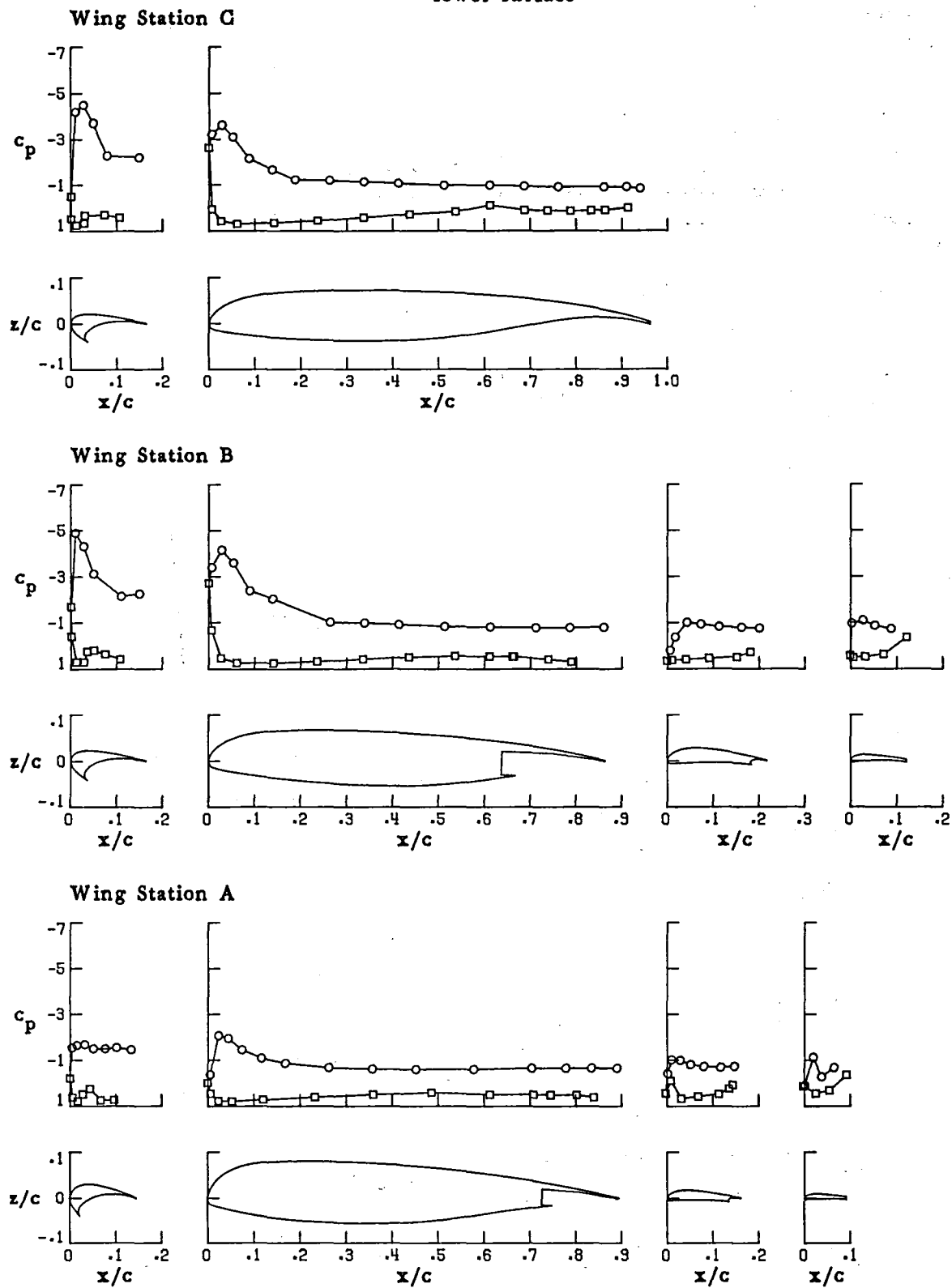
Wing Station A



(i)  $\alpha = 24.513^\circ$

Figure 17.-Continued.

○ upper surface  
 □ lower surface



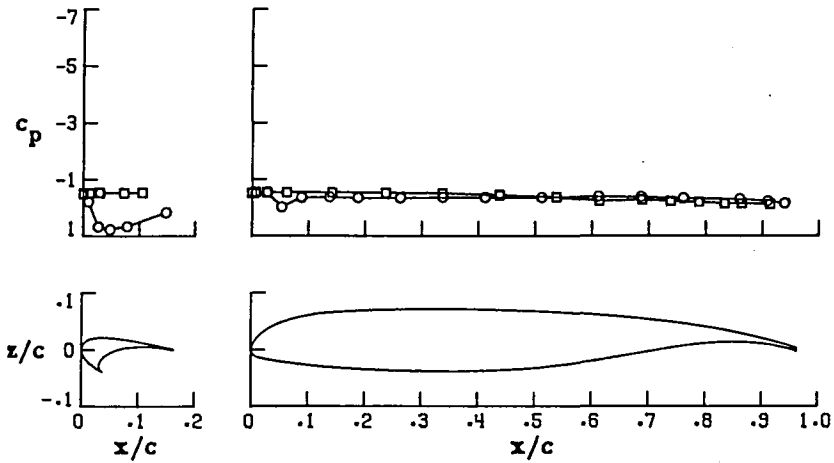
(j)  $\alpha = 28.610^\circ$

Figure 17.-Concluded.

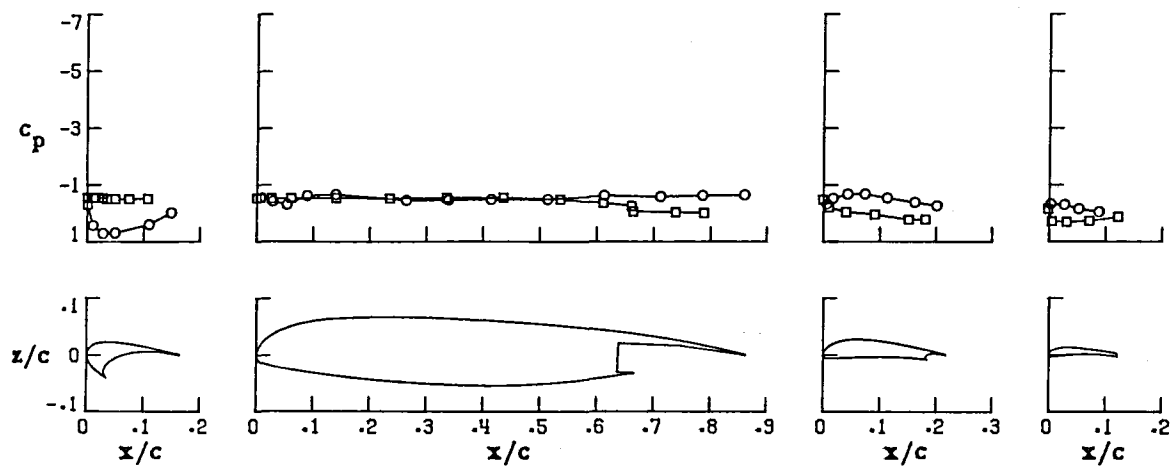


○ upper surface  
 □ lower surface

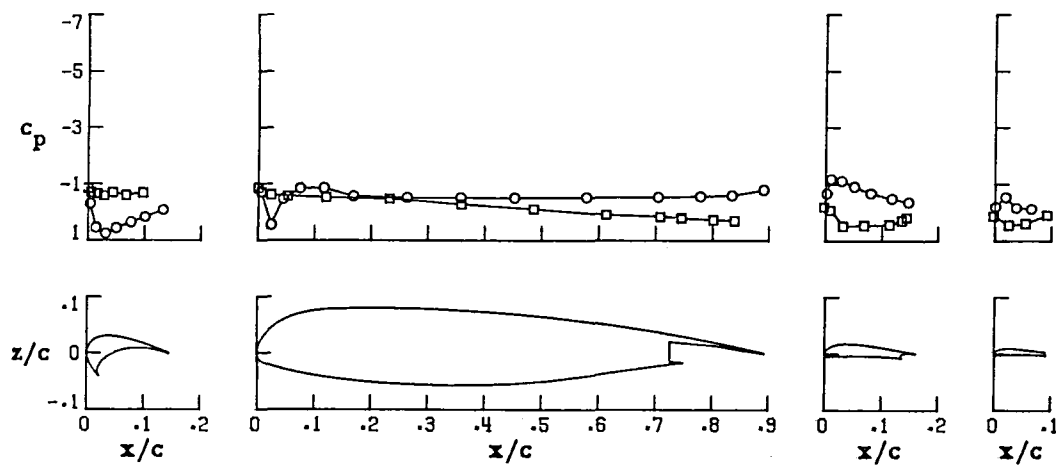
Wing Station C



Wing Station B



Wing Station A

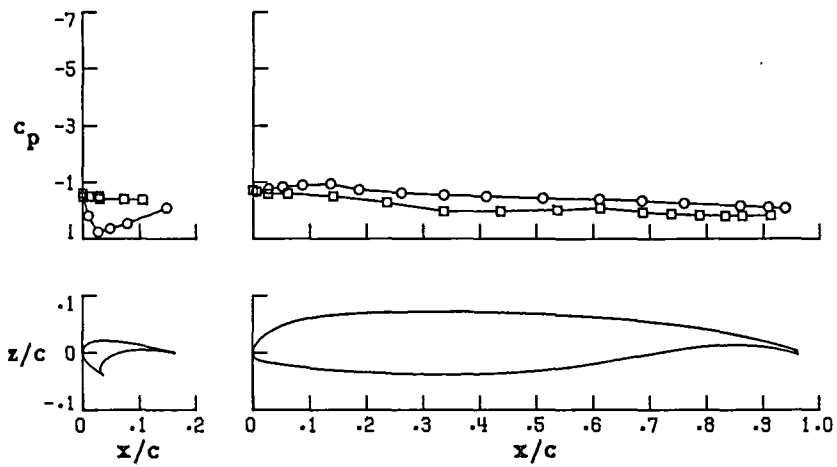


(a)  $\alpha = -3.953^\circ$

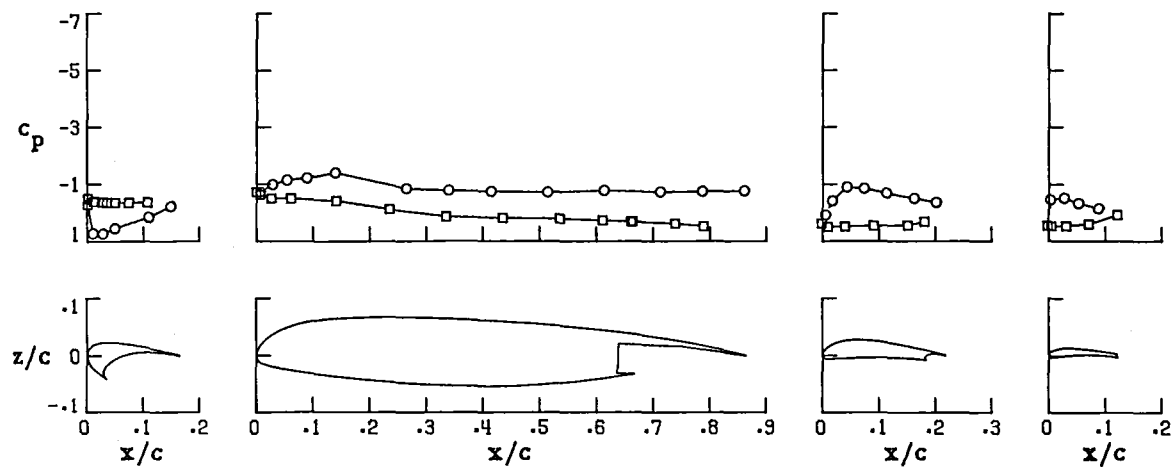
Figure 18. - Pressure distributions for aspect-ratio-10,  $30^\circ$  take-off flap wing configuration with  $-40^\circ$  deflection of inboard slat. (Run 57)

○ upper surface  
 □ lower surface

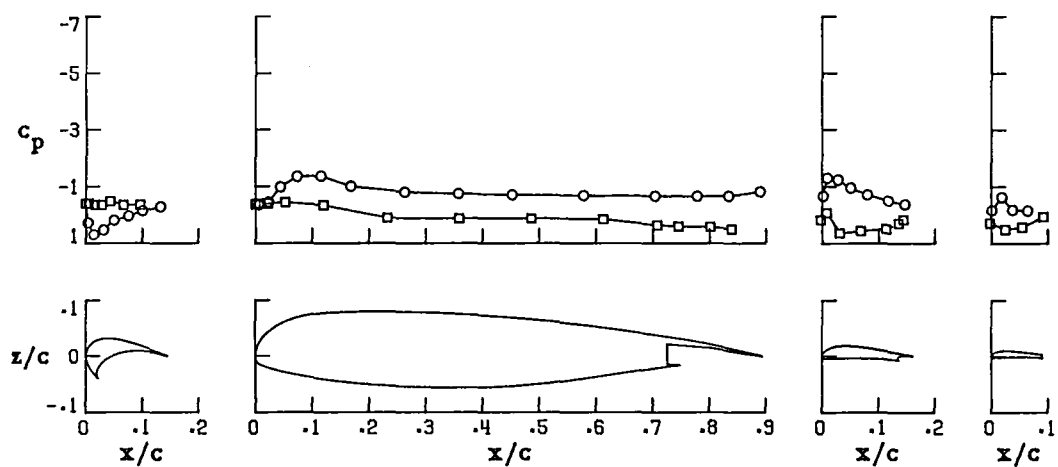
Wing Station C



Wing Station B



Wing Station A

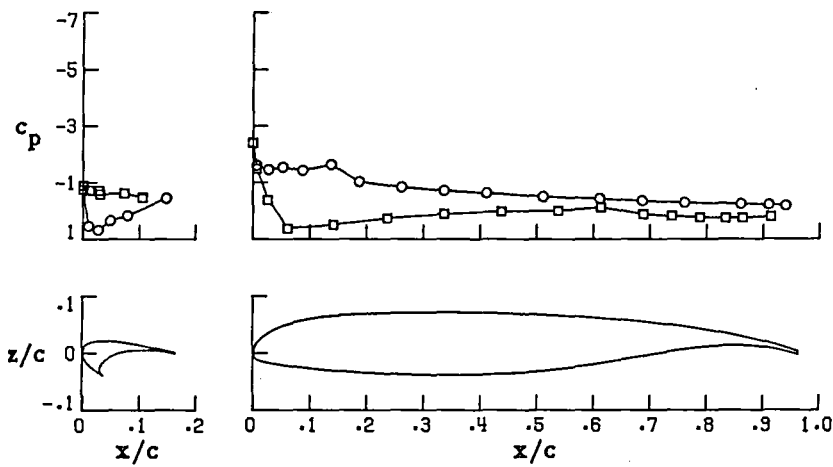


(b)  $\alpha = .076^\circ$

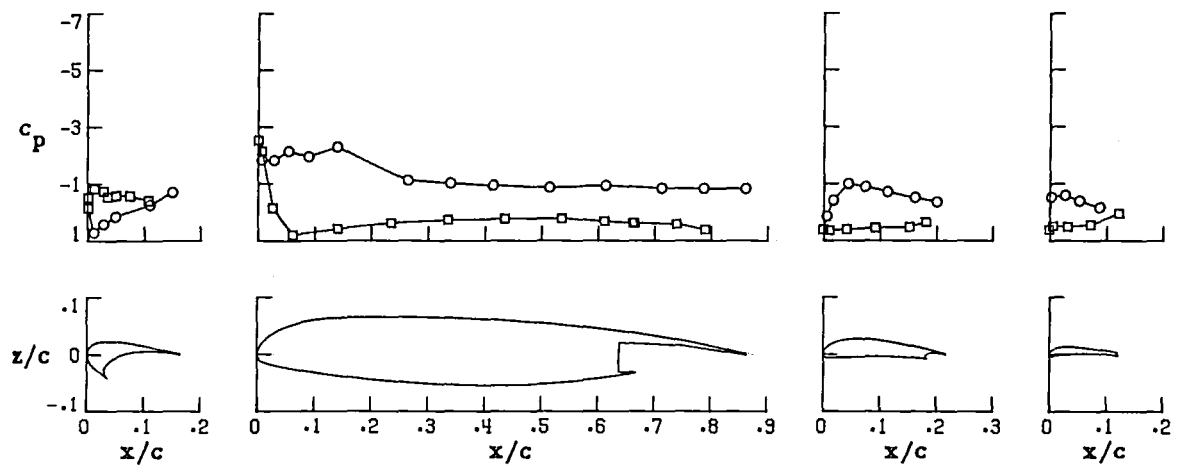
Figure 18.-Continued.

○ upper surface  
 □ lower surface

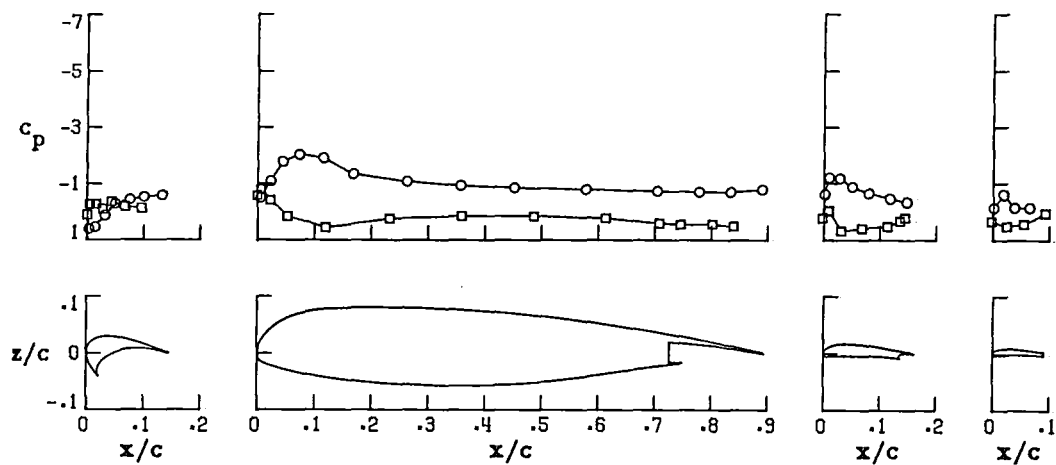
Wing Station C



Wing Station B



Wing Station A

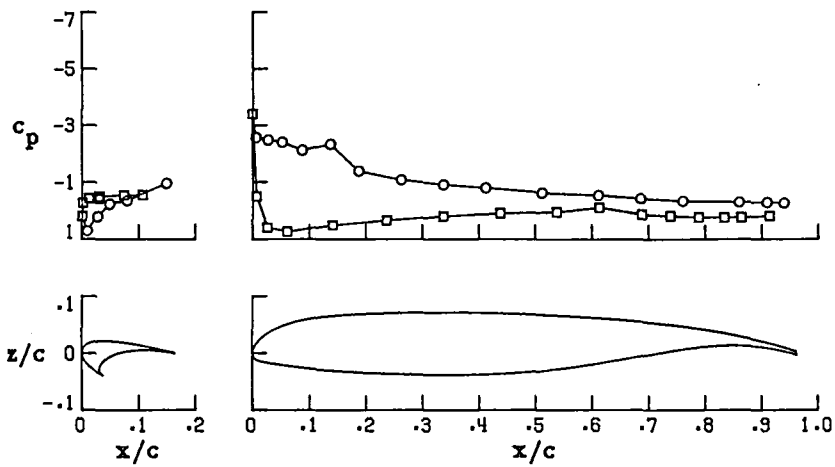


(c)  $\alpha = 4.249^\circ$

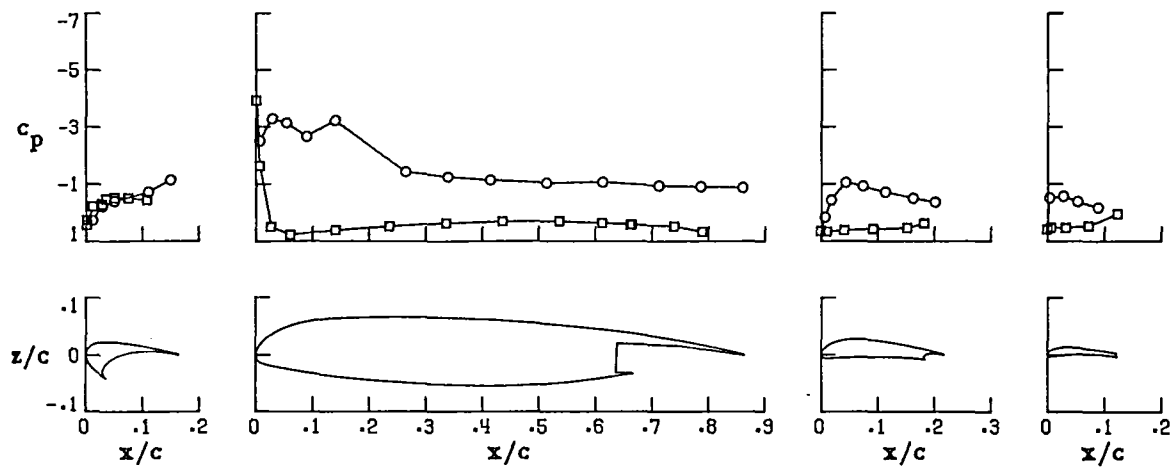
Figure 18.-Continued.

○ upper surface  
 □ lower surface

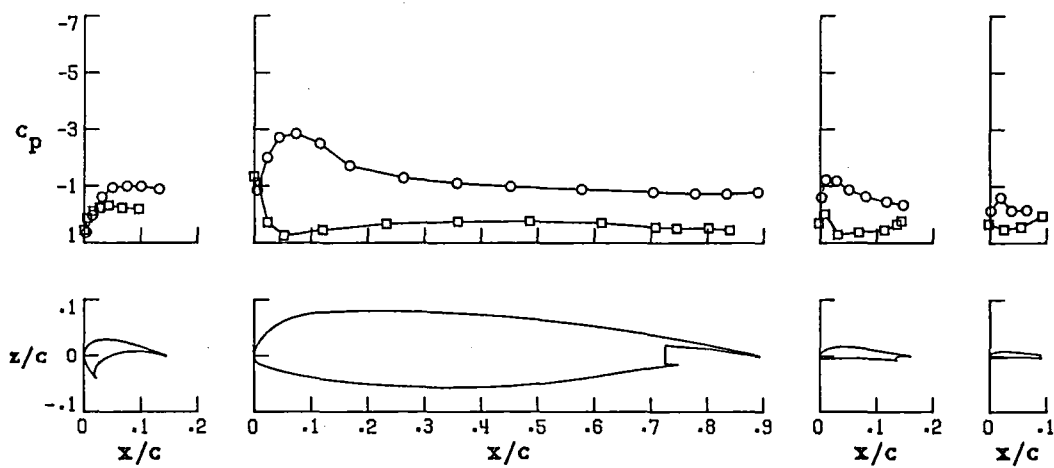
Wing Station C



Wing Station B



Wing Station A

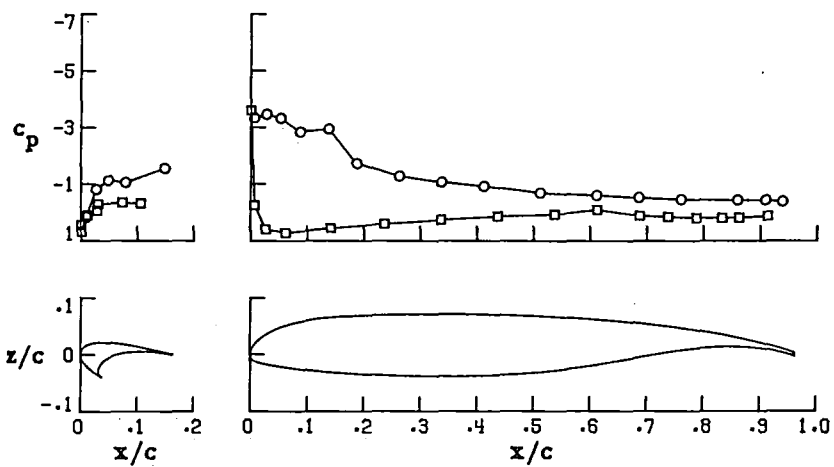


(d)  $\alpha = 8.288^\circ$

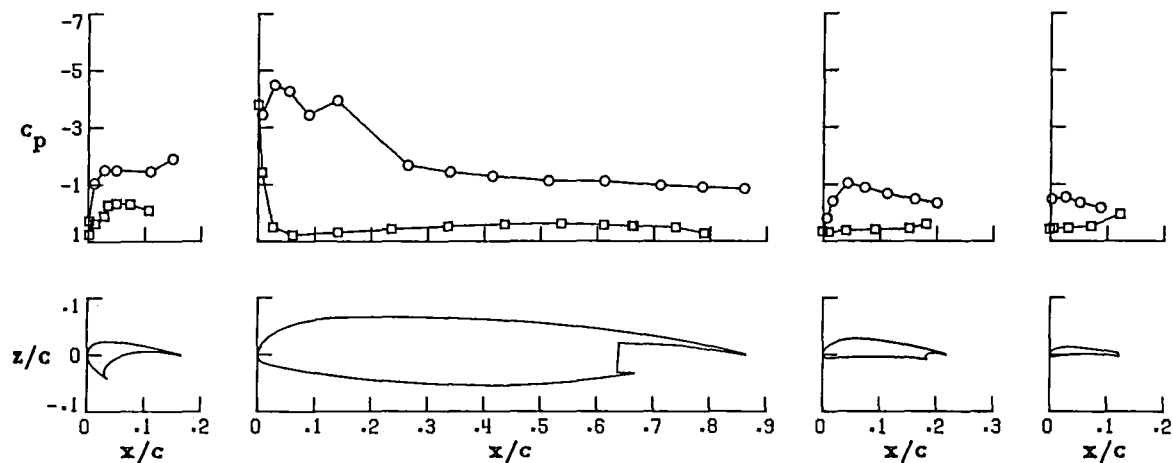
Figure 18.-Continued.

○ upper surface  
 □ lower surface

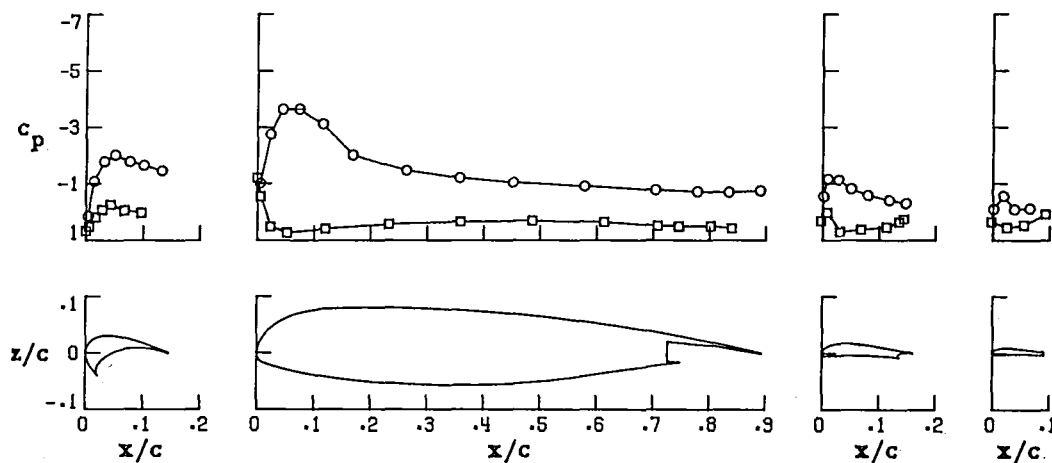
Wing Station C



Wing Station B



Wing Station A

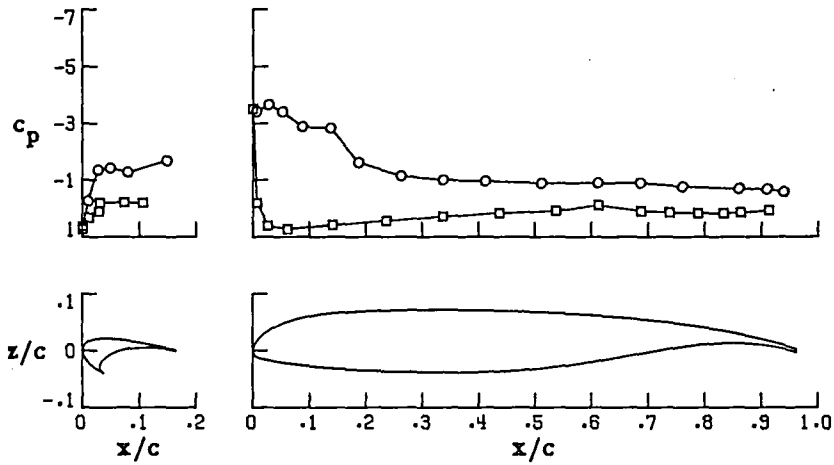


(e)  $\alpha = 12.416^\circ$

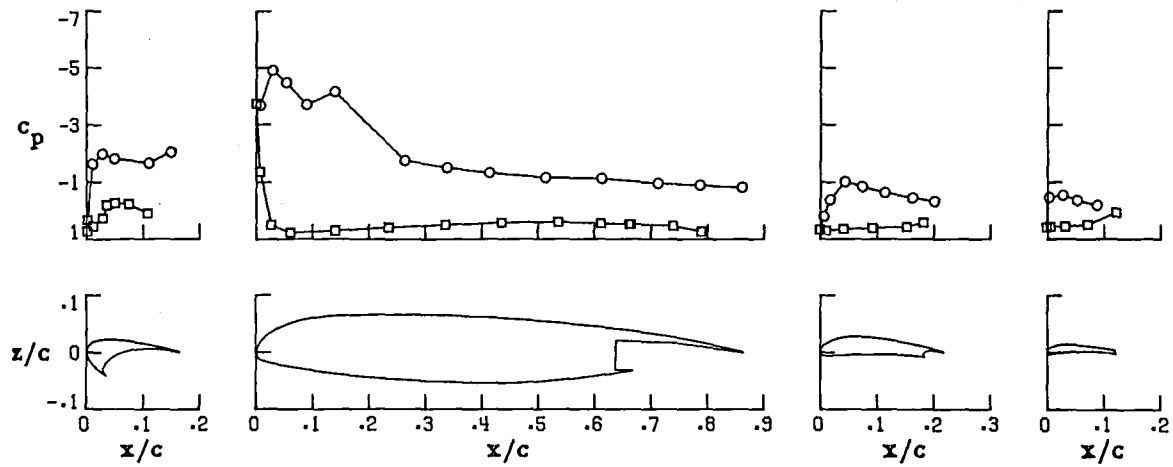
Figure 18.-Continued.

○ upper surface  
 □ lower surface

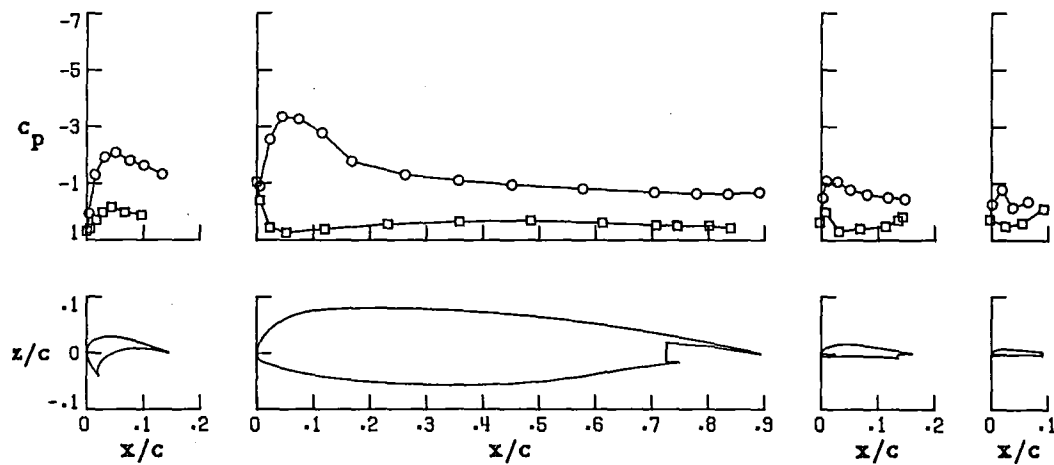
Wing Station C



Wing Station B



Wing Station A

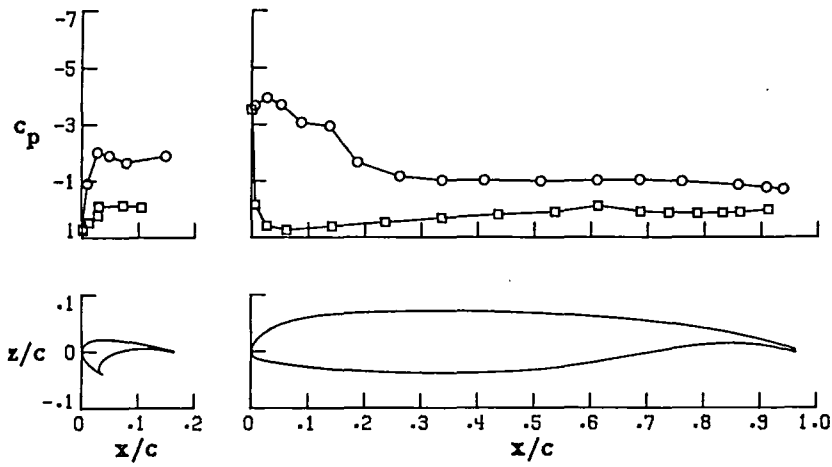


(f)  $\alpha = 14.835^\circ$

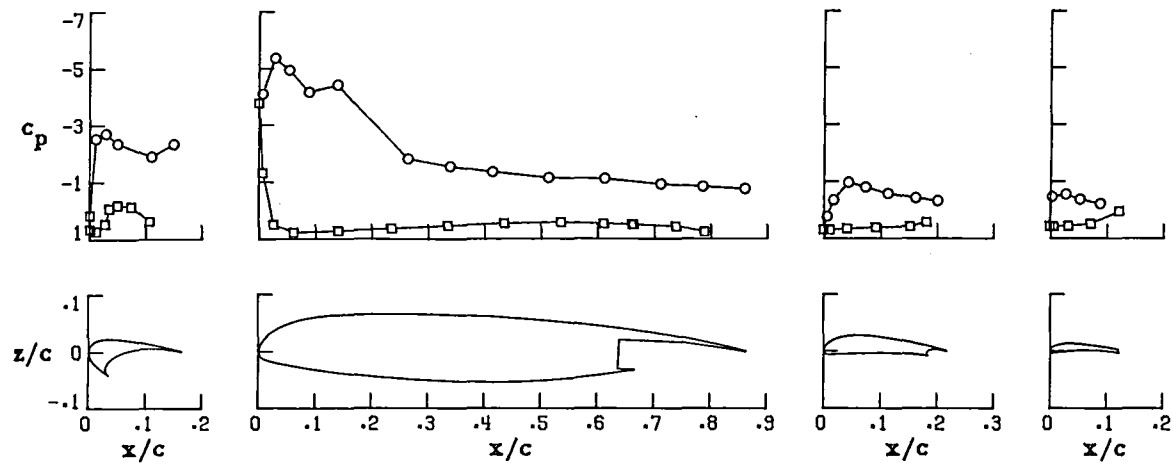
Figure 18.-Continued.

○ upper surface  
 □ lower surface

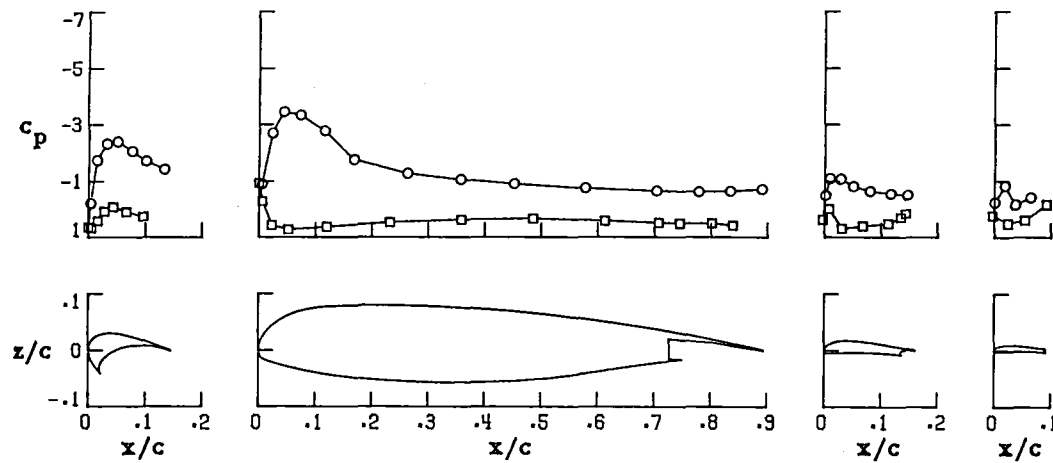
Wing Station G



Wing Station B



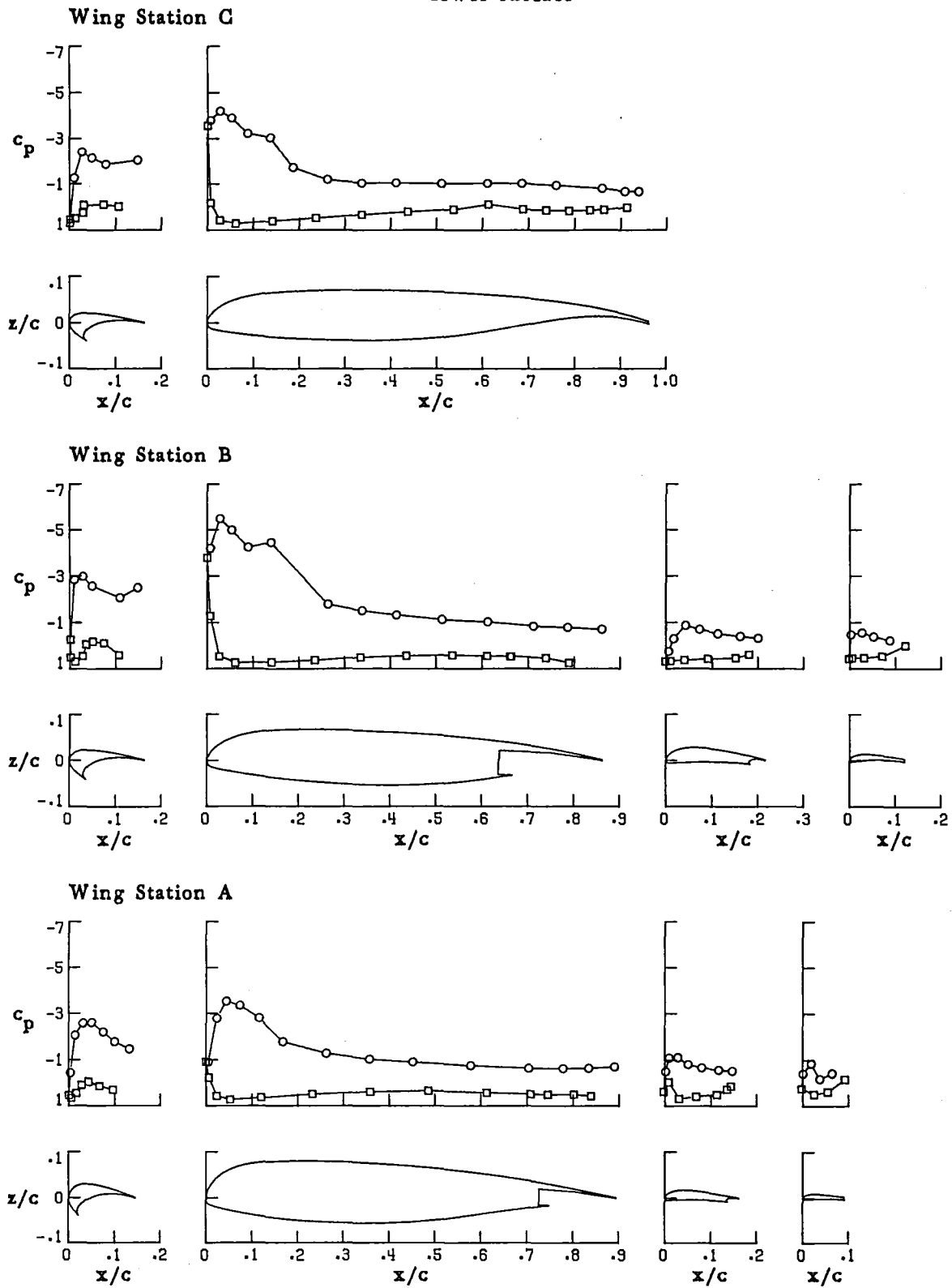
Wing Station A



(g)  $\alpha = 16.353^\circ$

Figure 18.-Continued.

○ upper surface  
 □ lower surface



(h)  $\alpha = 17.378^\circ$

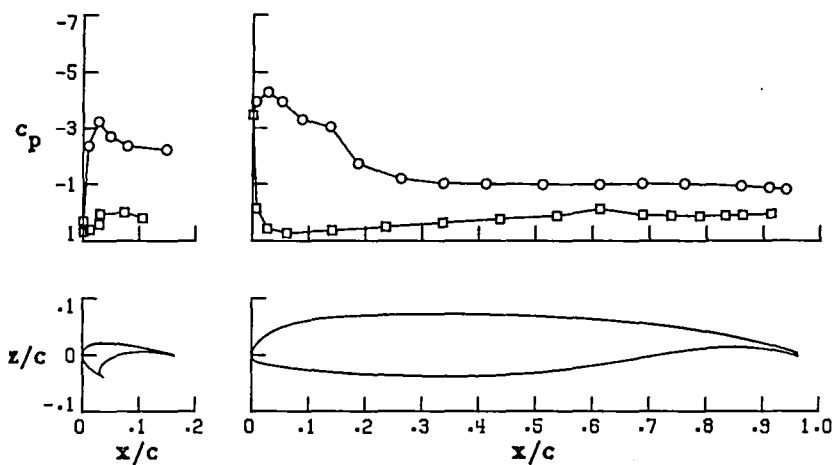
Figure 18.-Continued.



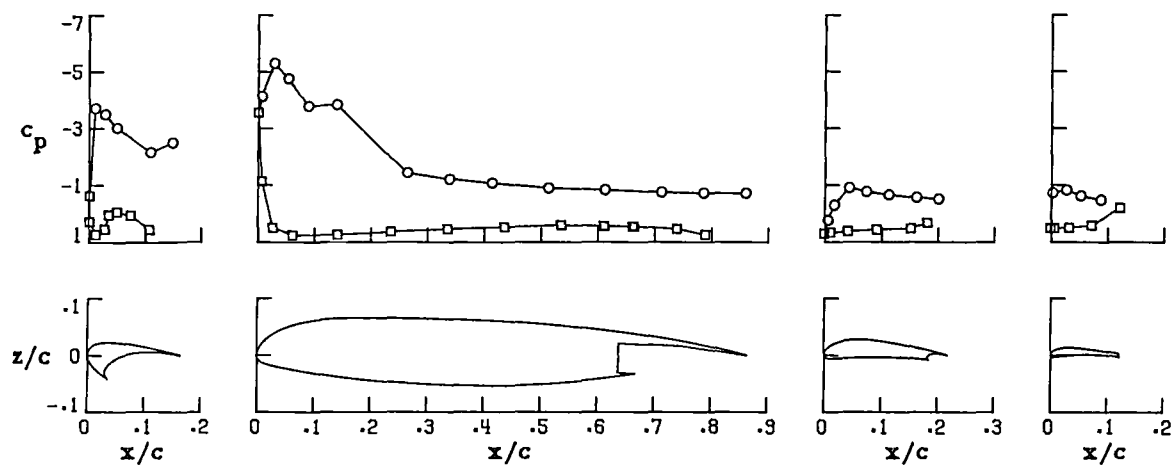
○ upper surface

□ lower surface

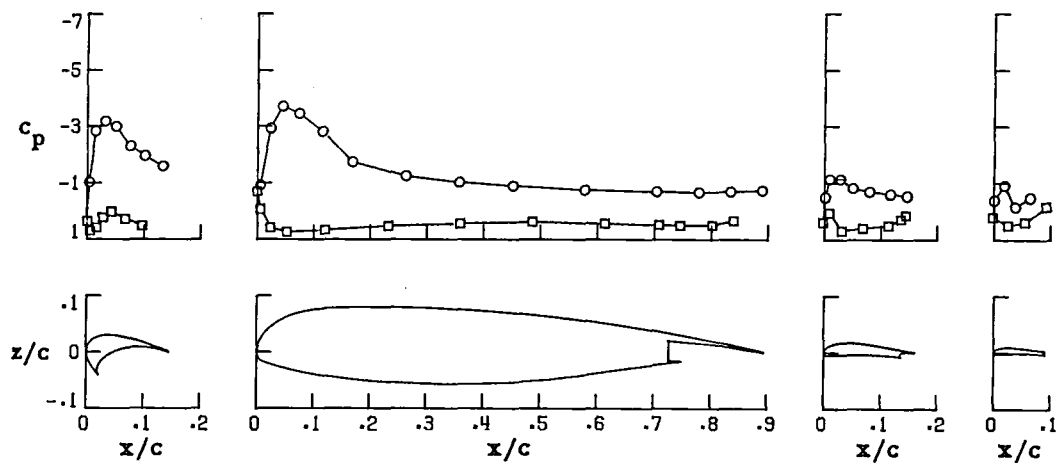
### Wing Station G



### Wing Station B



### Wing Station A

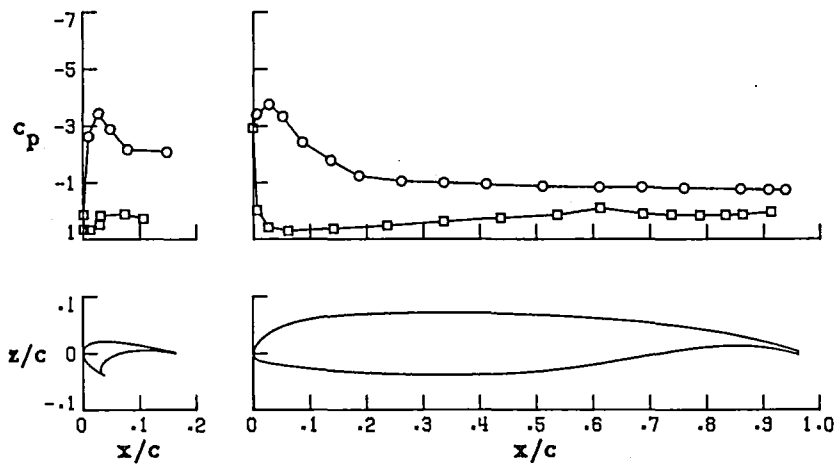


(i)  $\alpha = 20.404^\circ$

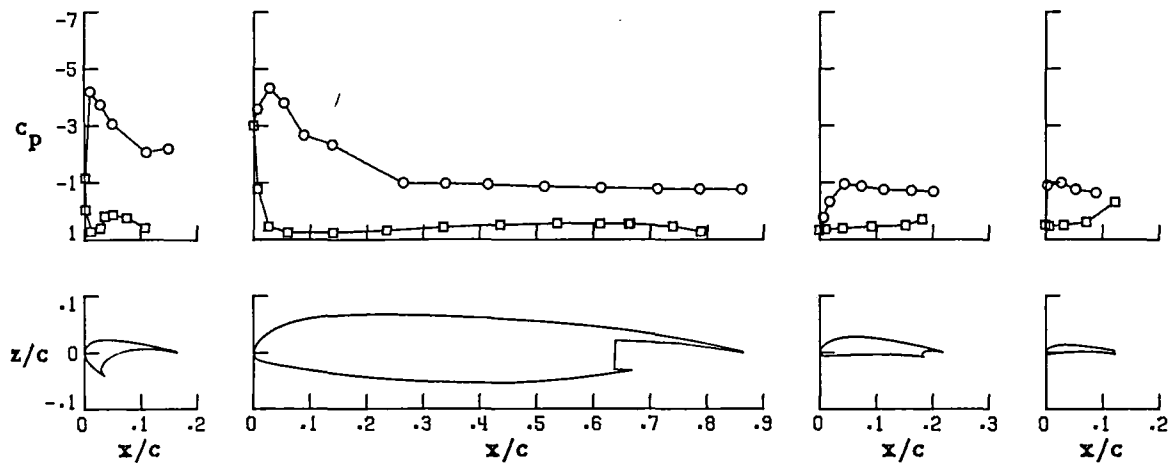
Figure 18.-Continued.

○ upper surface  
 □ lower surface

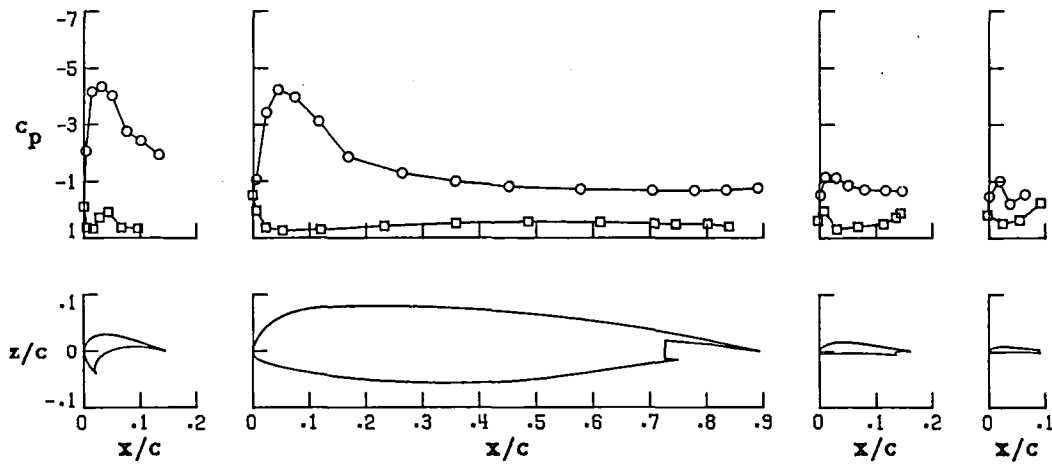
Wing Station C



Wing Station B



Wing Station A

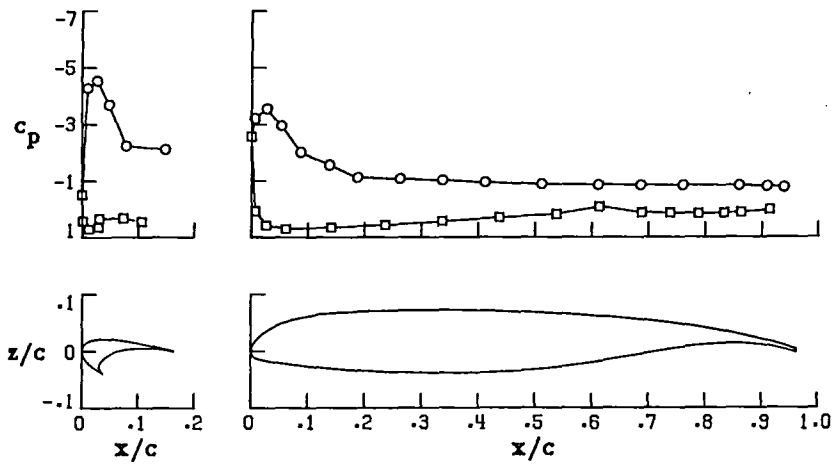


(j)  $\alpha = 24.425^\circ$

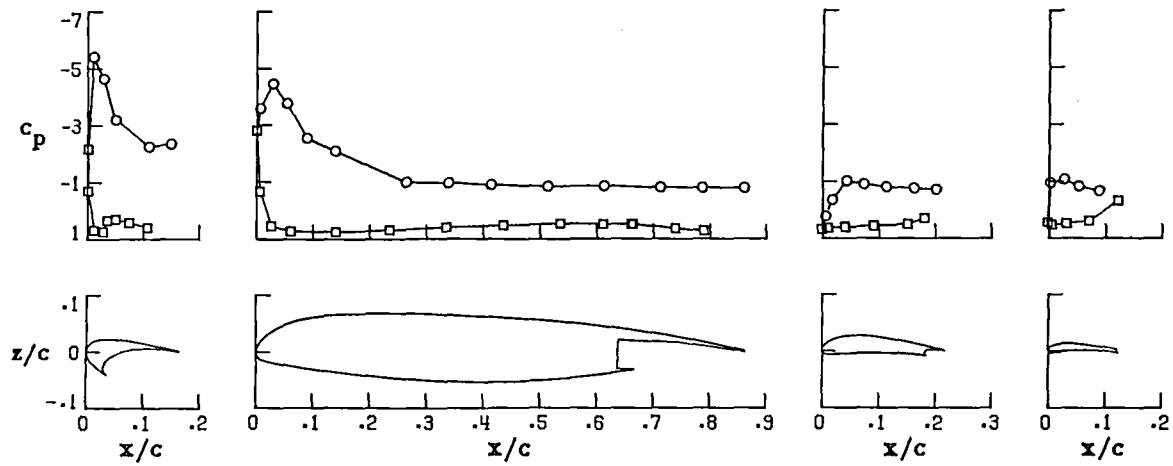
Figure 18.-Continued.

○ upper surface  
 □ lower surface

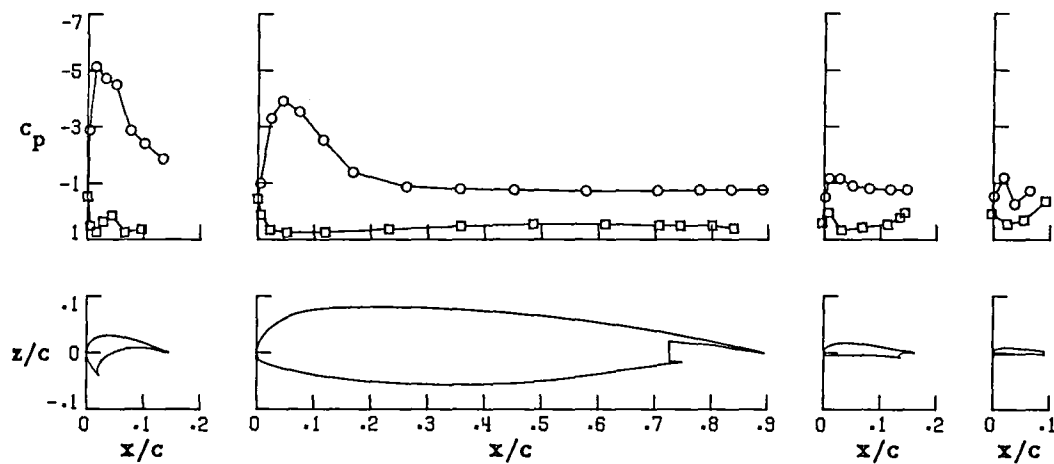
Wing Station C



Wing Station B



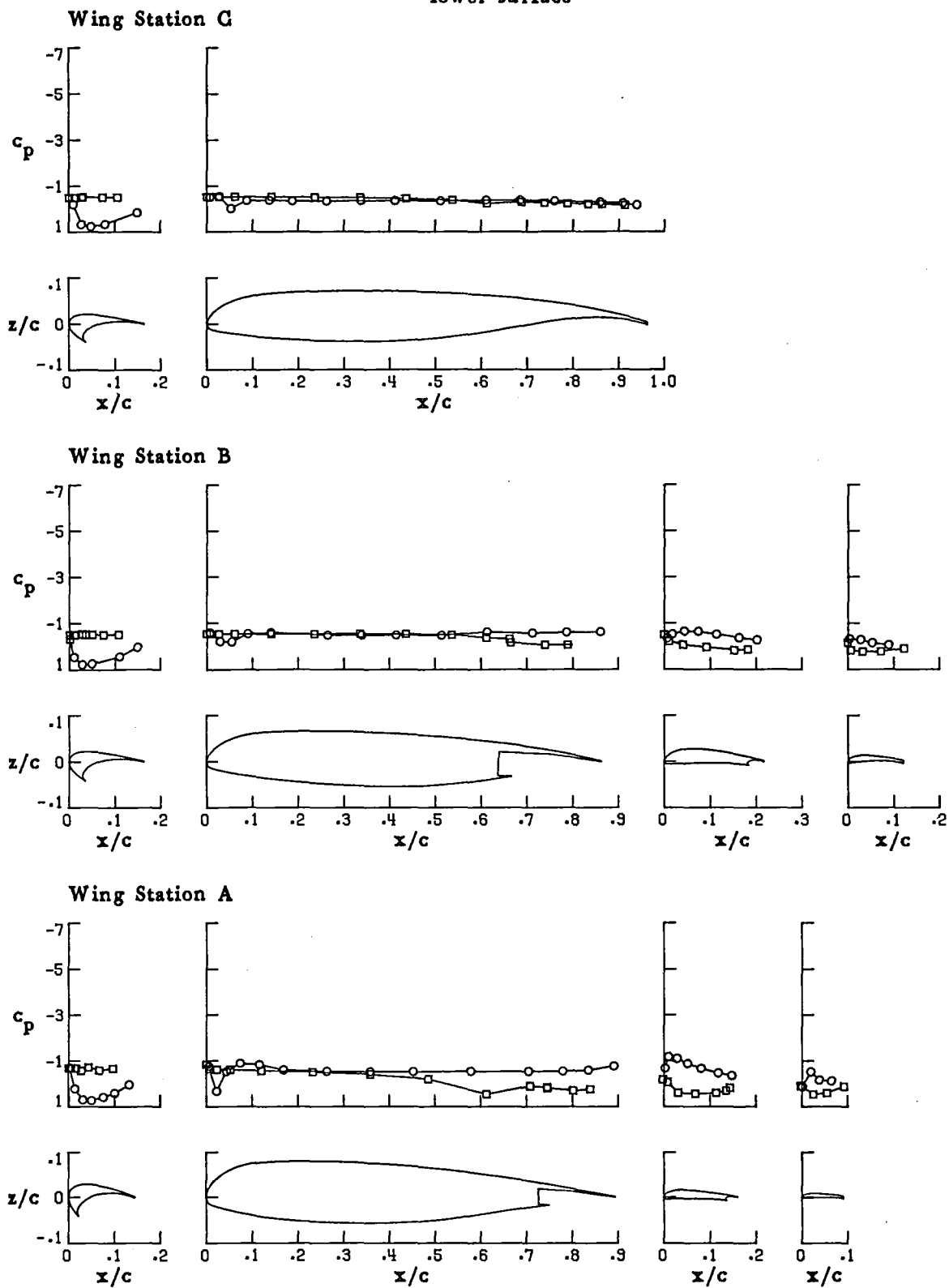
Wing Station A



(k)  $\alpha = 28.475^\circ$

Figure 18.-Concluded.

○ upper surface  
 □ lower surface

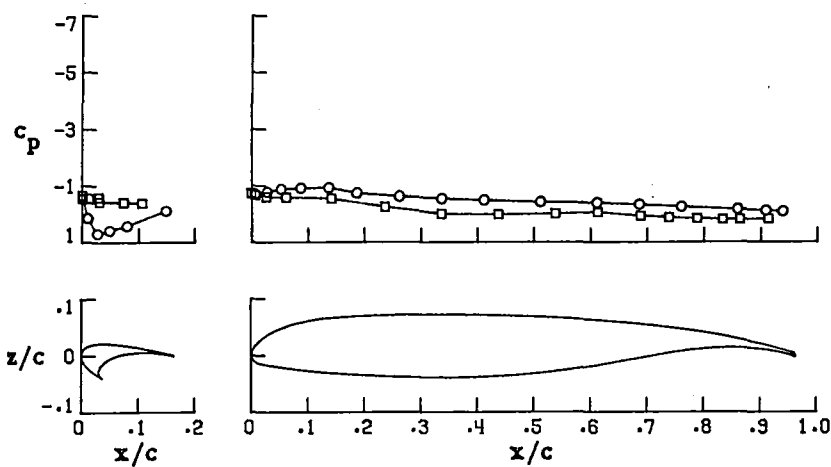


(a)  $\alpha = -3.966^\circ$

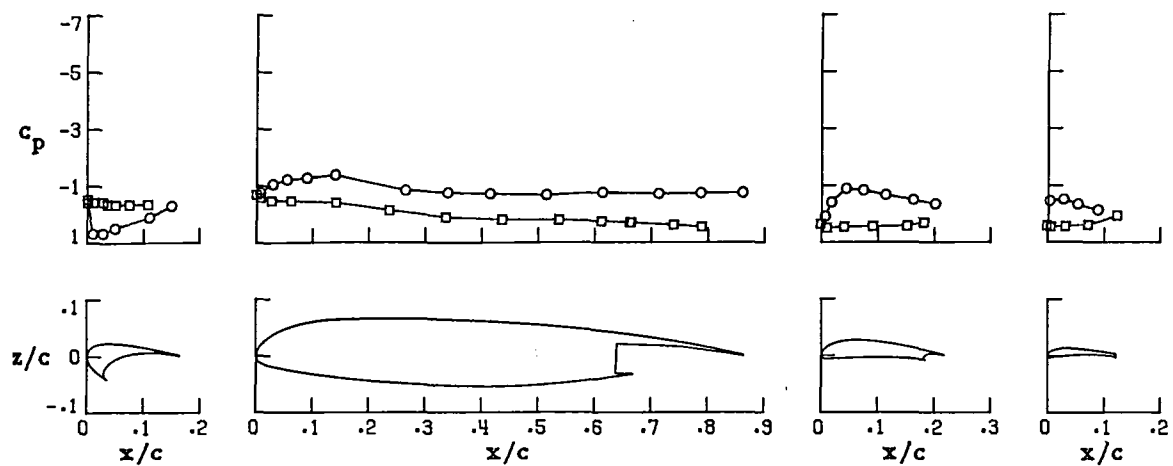
Figure 19. - Pressure distributions for aspect-ratio-10,  $30^\circ$  take-off flap wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 48)

○ upper surface  
 □ lower surface

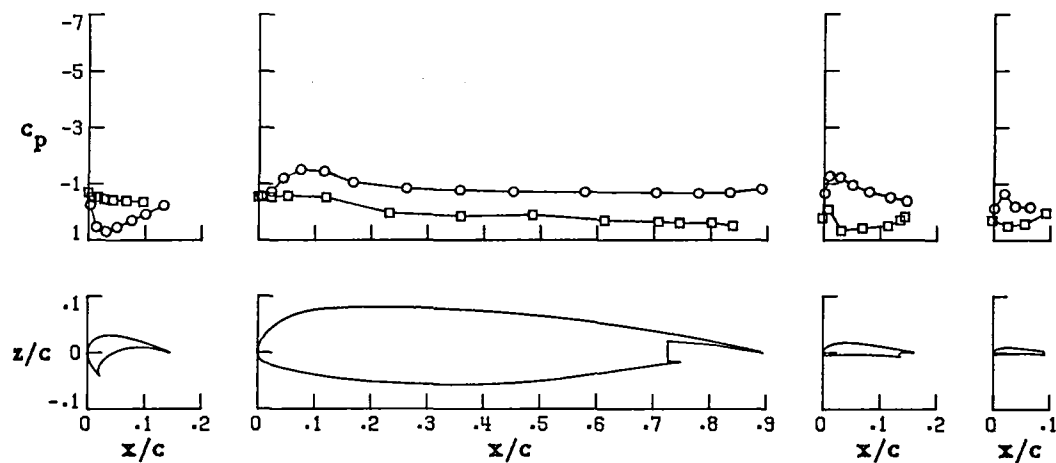
Wing Station G



Wing Station B



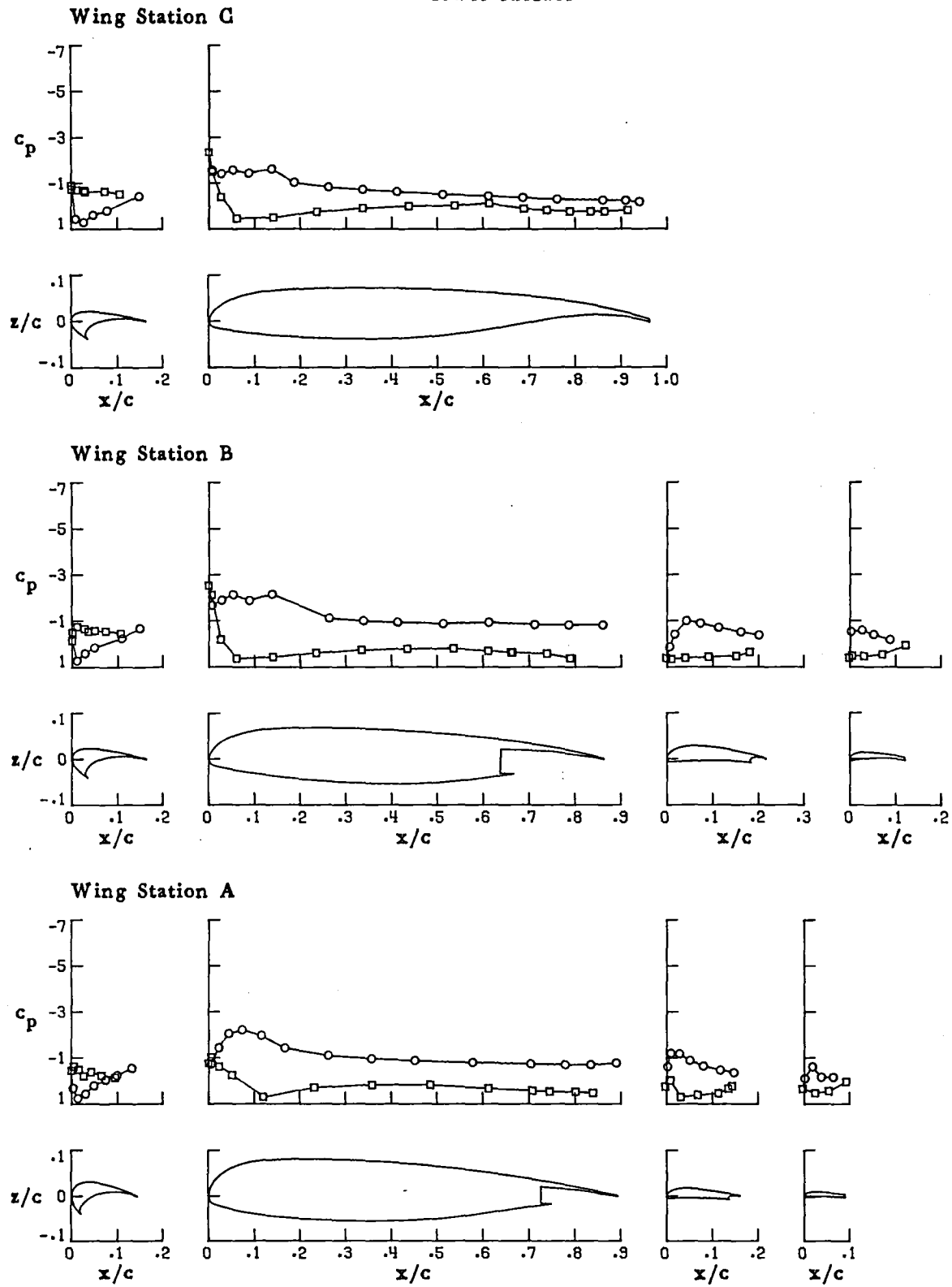
Wing Station A



(b)  $\alpha = 214^\circ$

Figure 19.-Continued.

○ upper surface  
 □ lower surface

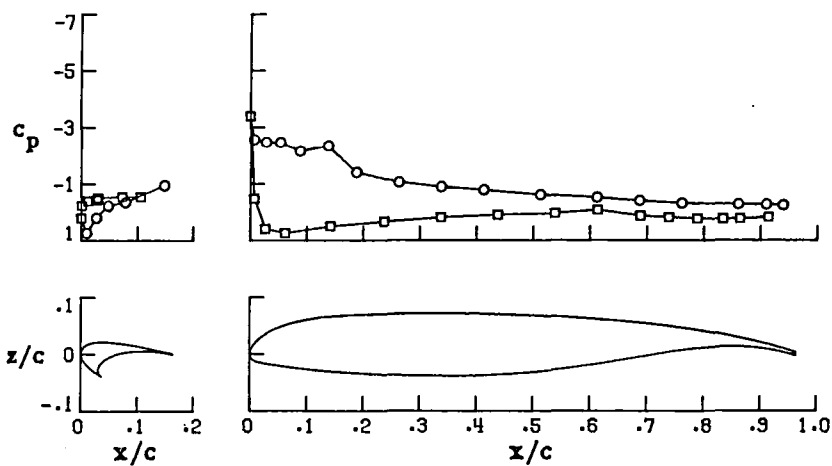


(c)  $\alpha = 4.284^\circ$

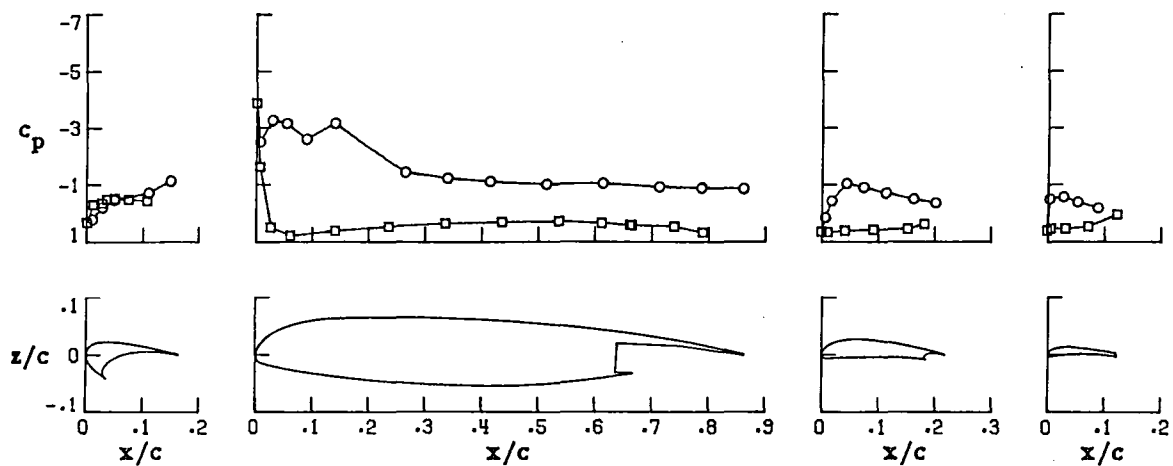
Figure 19.-Continued.

○ upper surface  
 □ lower surface

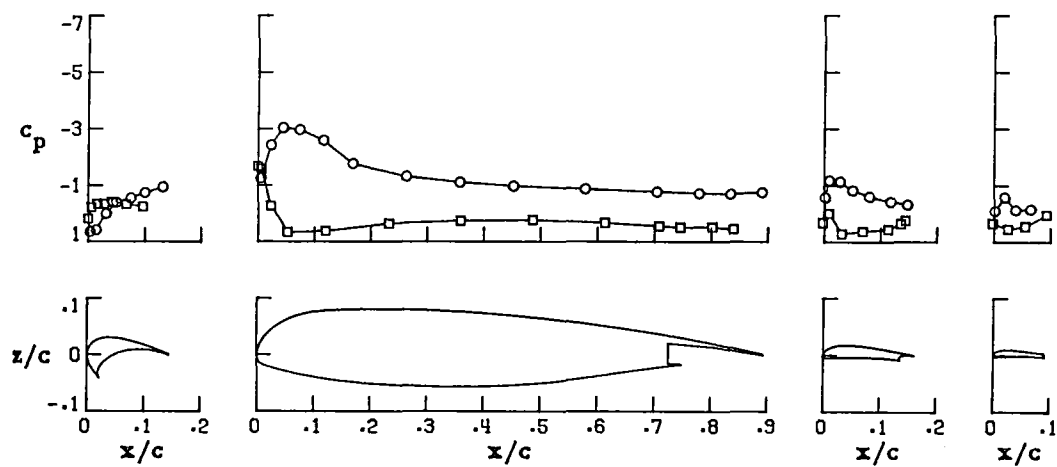
Wing Station C



Wing Station B



Wing Station A

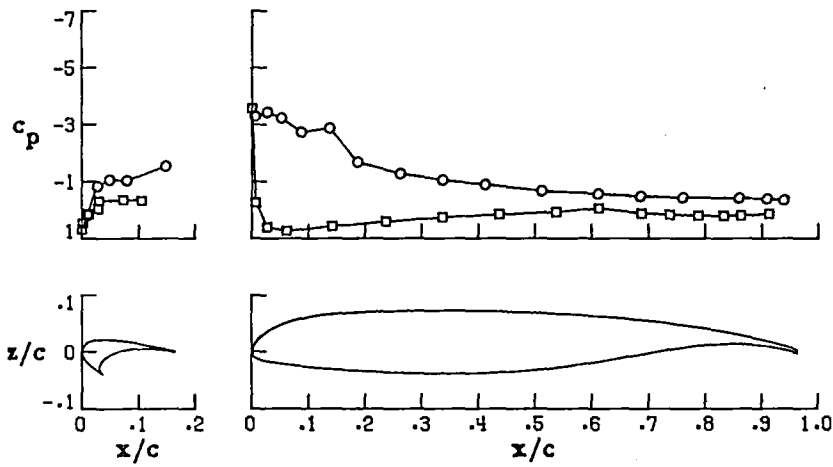


(d)  $\alpha = 8.348^\circ$

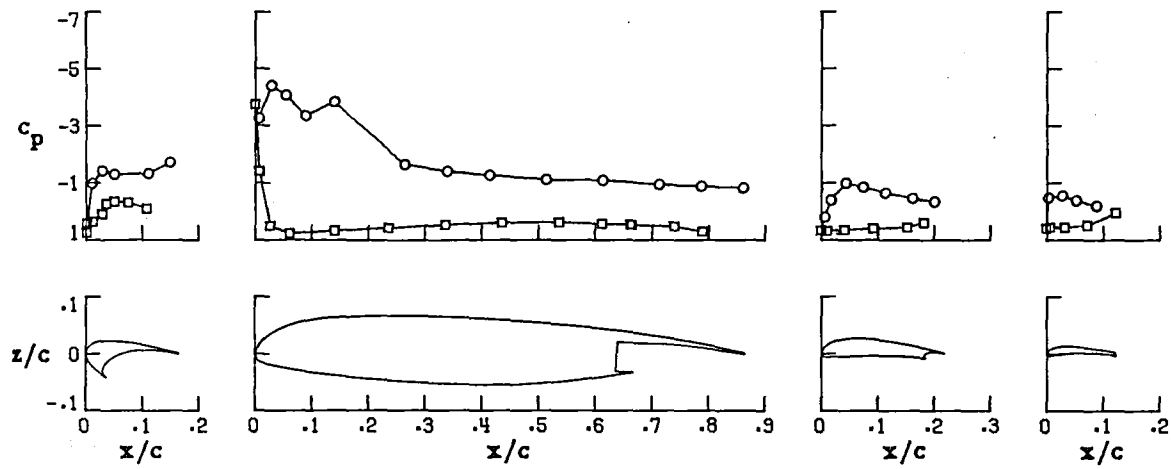
Figure 19.-Continued.

○ upper surface  
 □ lower surface

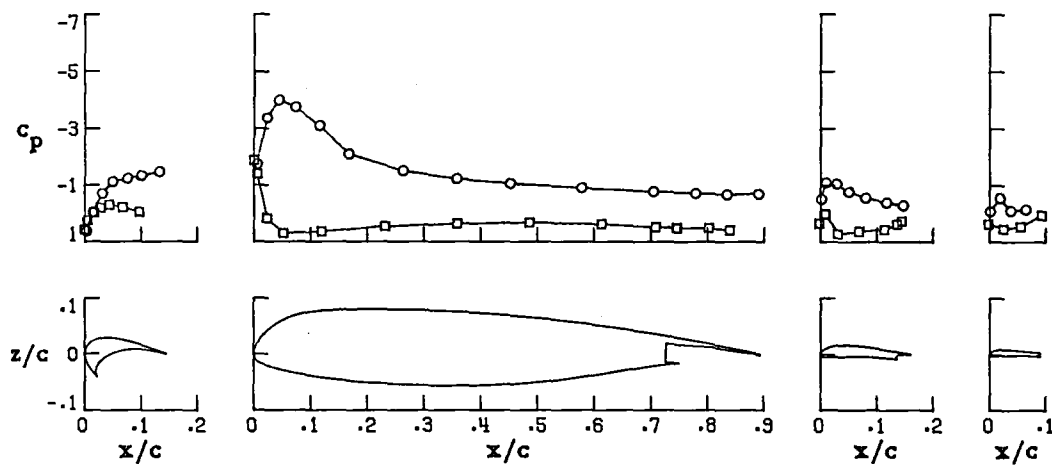
Wing Station C



Wing Station B



Wing Station A

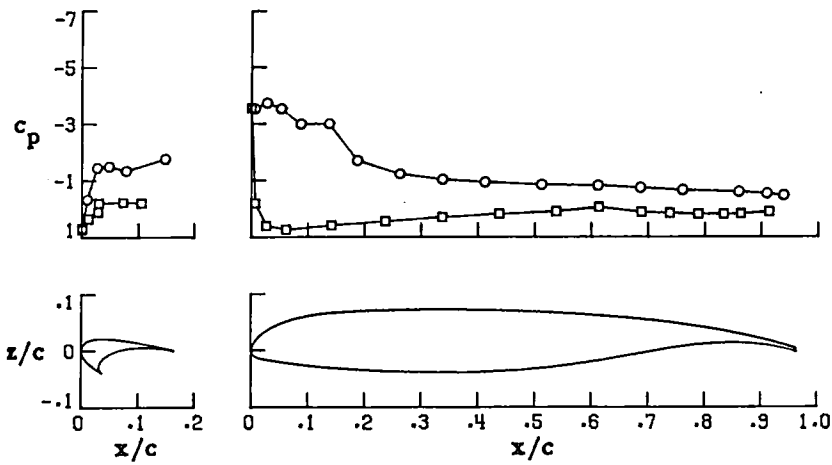


(e)  $\alpha = 12.332^\circ$

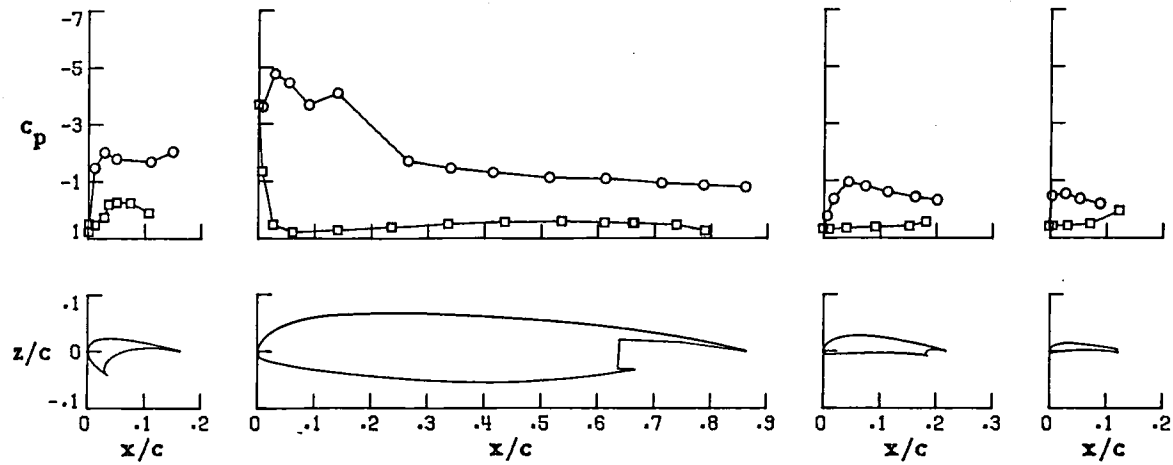


○ upper surface  
 □ lower surface

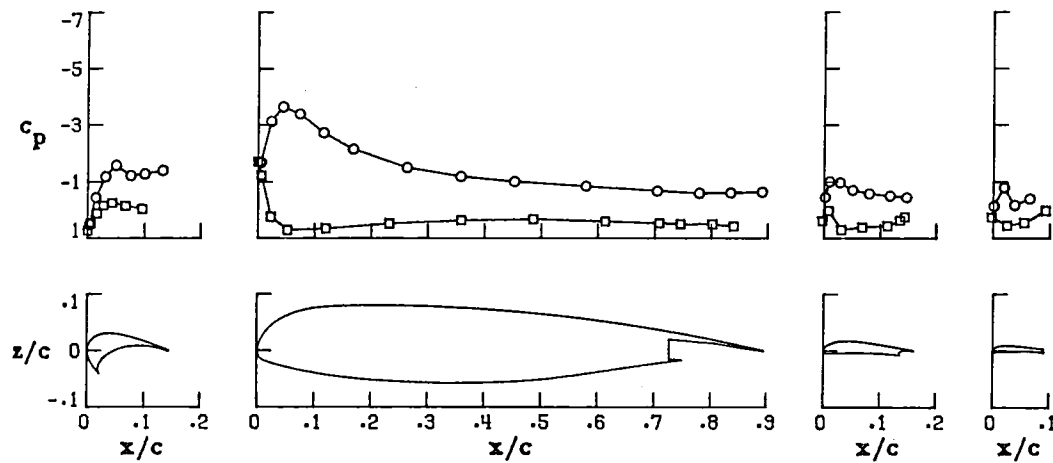
Wing Station C



Wing Station B



Wing Station A

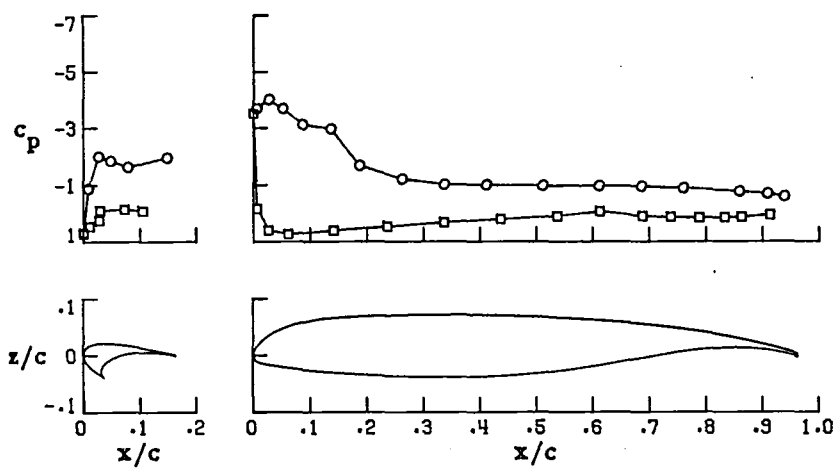


(f)  $\alpha = 14.449^\circ$

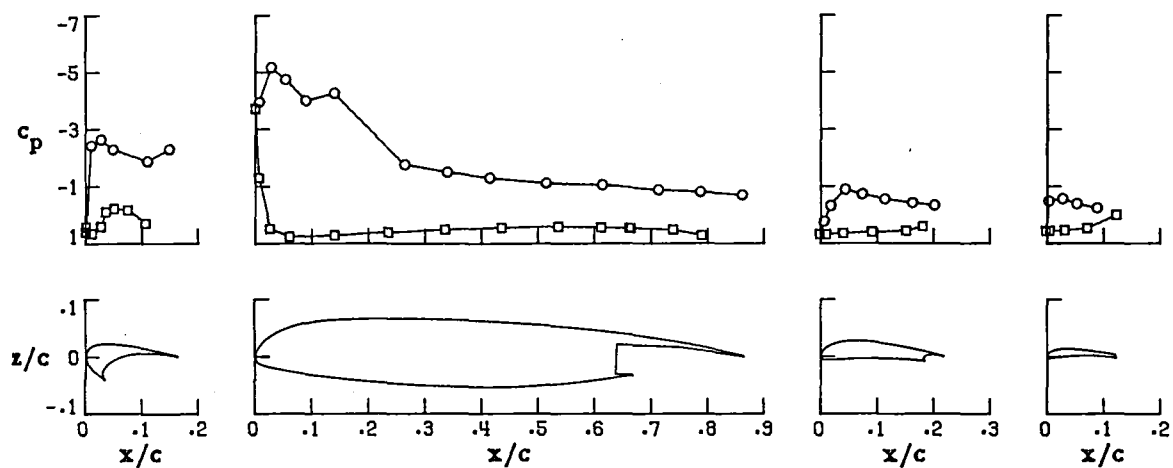
Figure 19.-Continued.

○ upper surface  
 □ lower surface

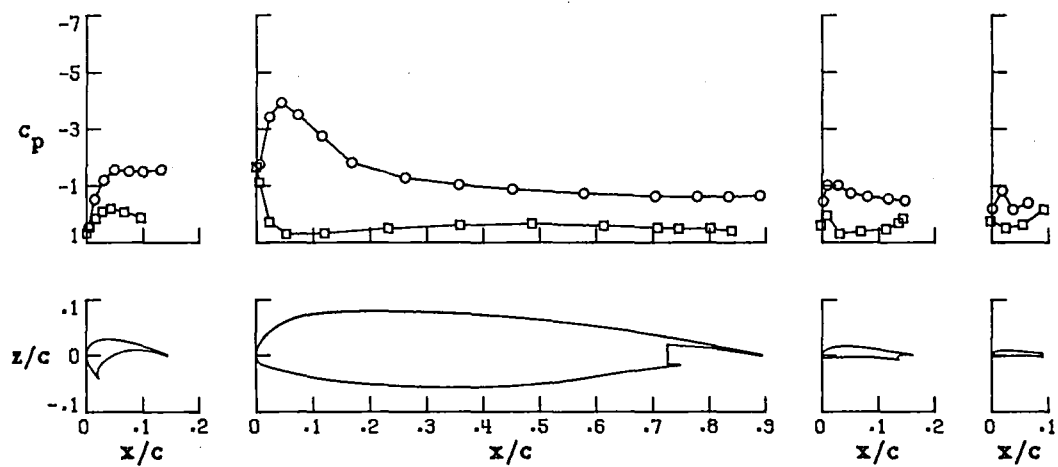
Wing Station C



Wing Station B



Wing Station A

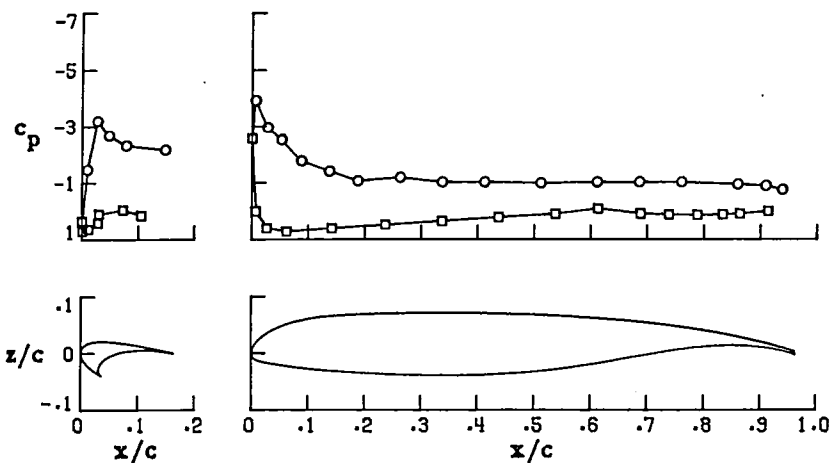


(g)  $\alpha = 16.402^\circ$

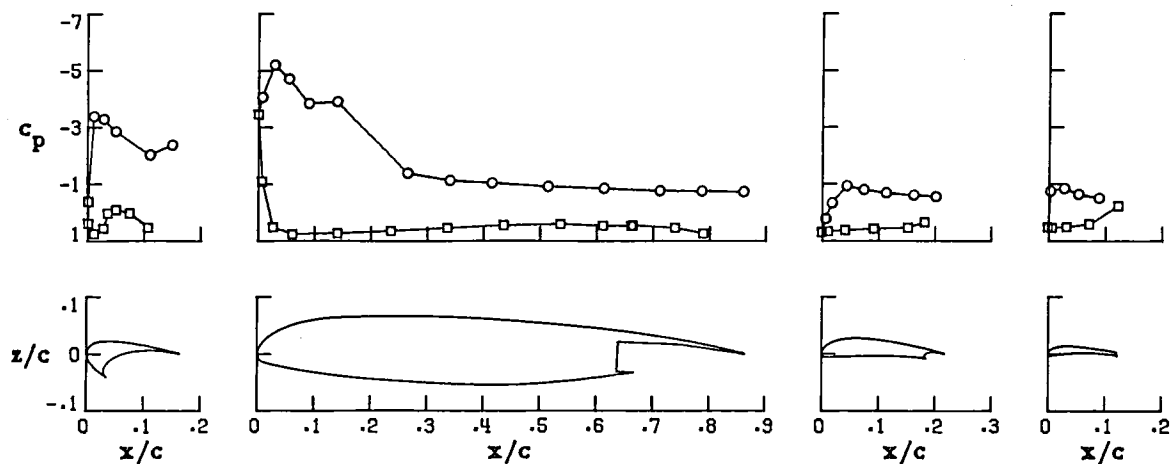
Figure 19.-Continued.

○ upper surface  
 □ lower surface

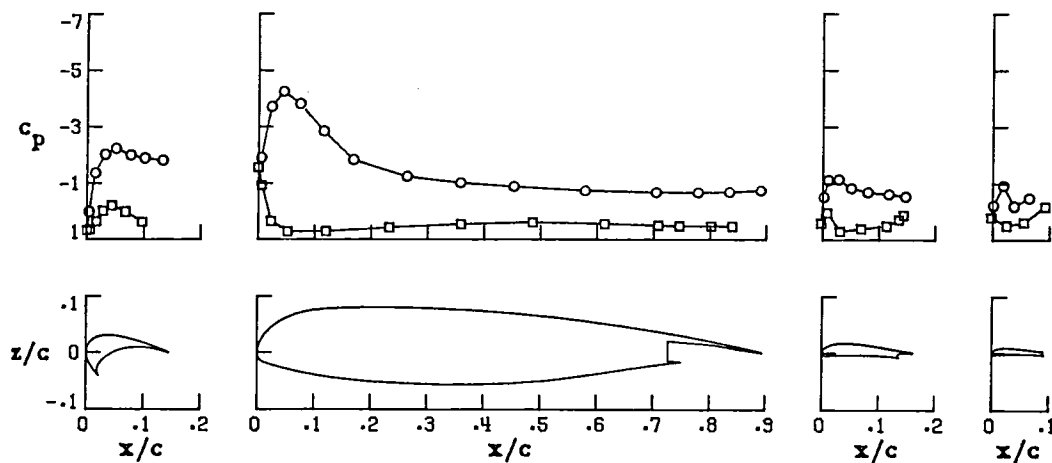
Wing Station C



Wing Station B



Wing Station A

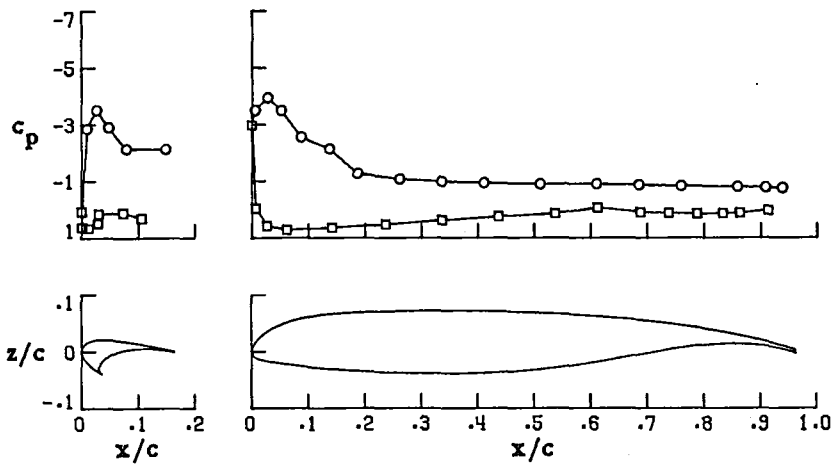


(h)  $\alpha = 20.475^\circ$

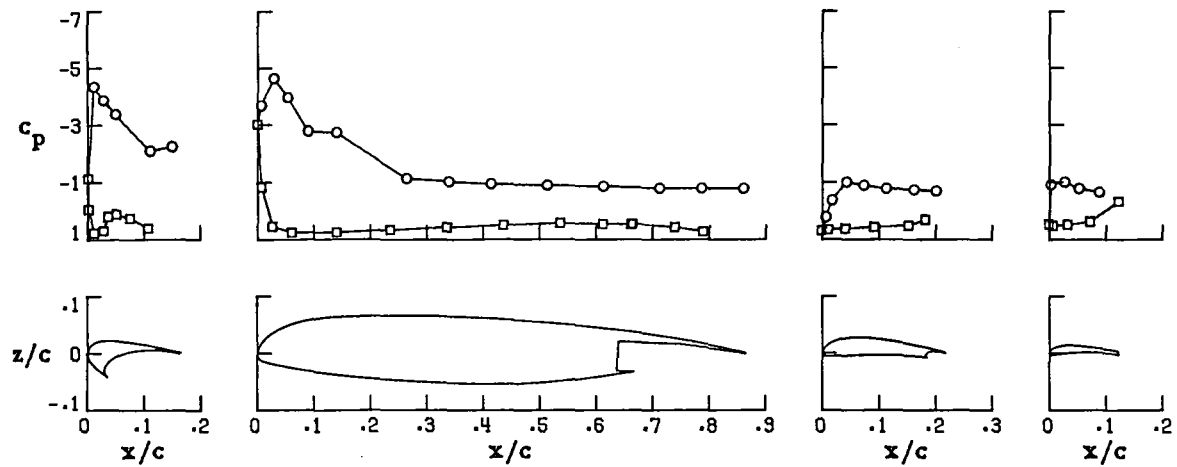
Figure 19.-Continued.

○ upper surface  
□ lower surface

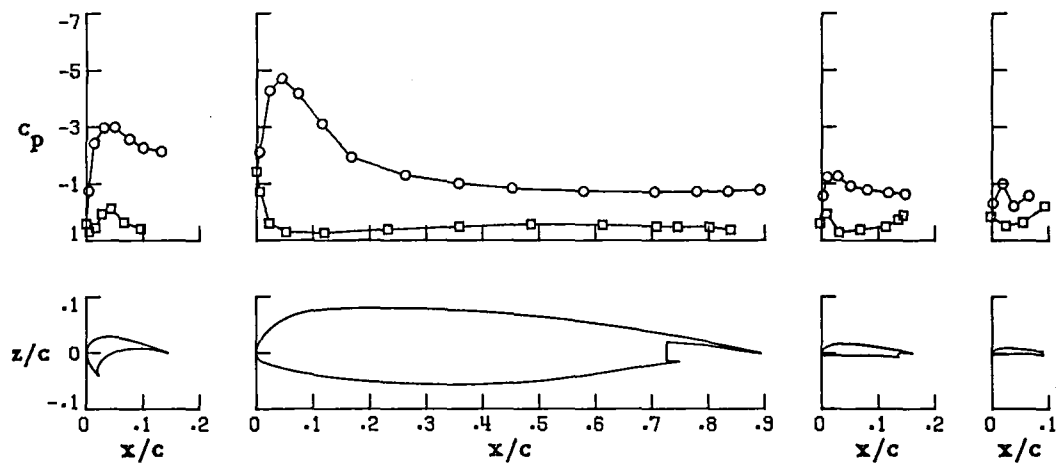
Wing Station C



Wing Station B



Wing Station A

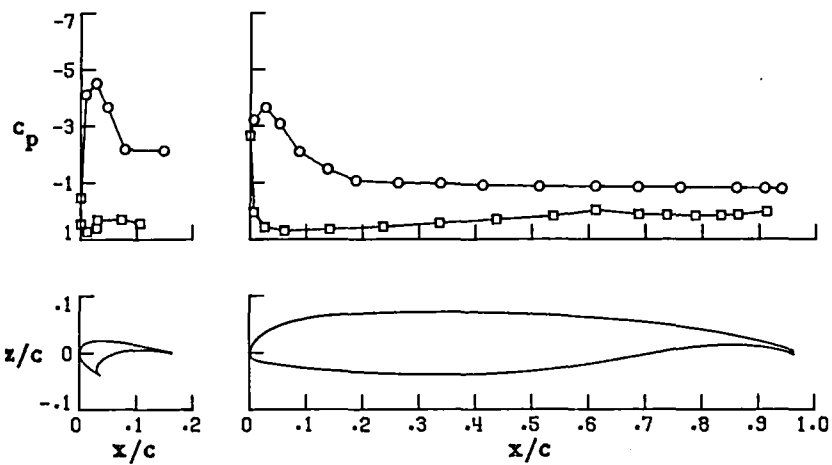


(i)  $\alpha = 24.489^\circ$

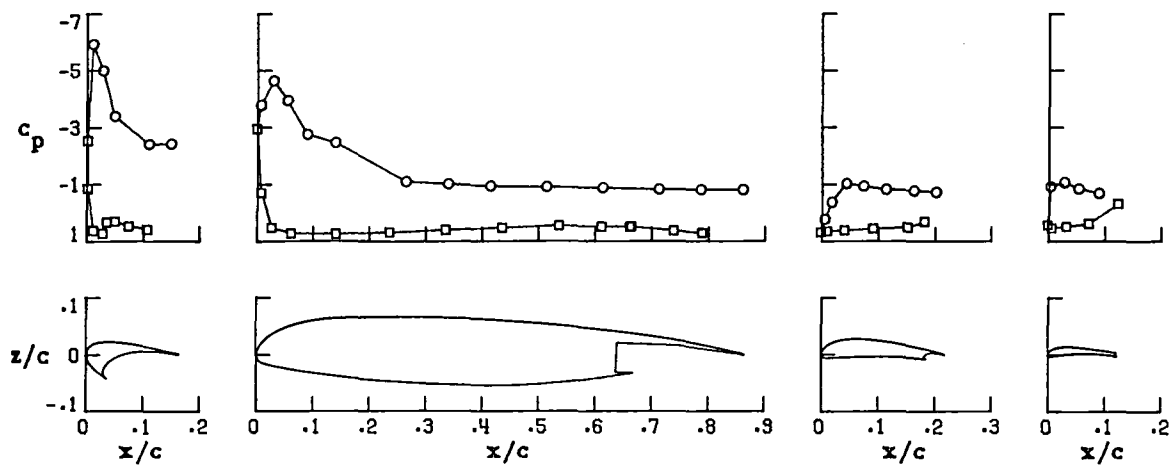
Figure 19.-Continued.

○ upper surface  
 □ lower surface

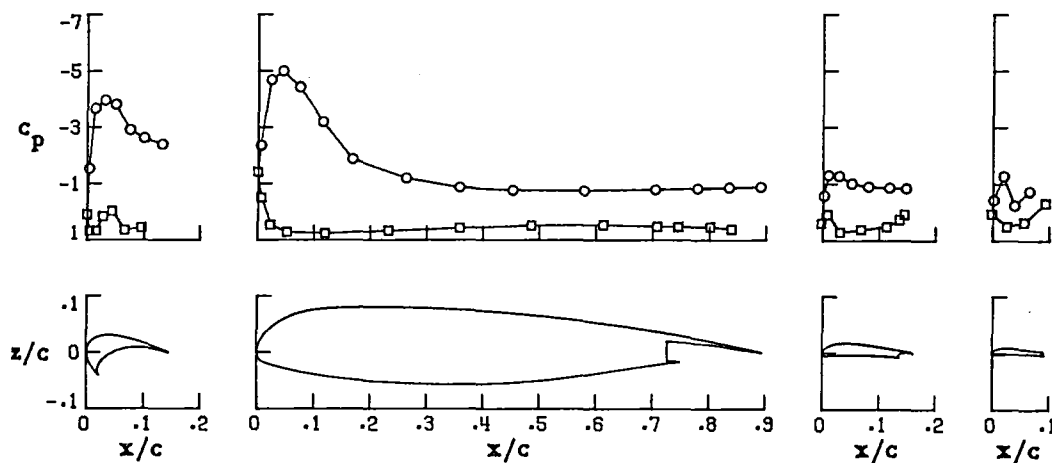
Wing Station C



Wing Station B



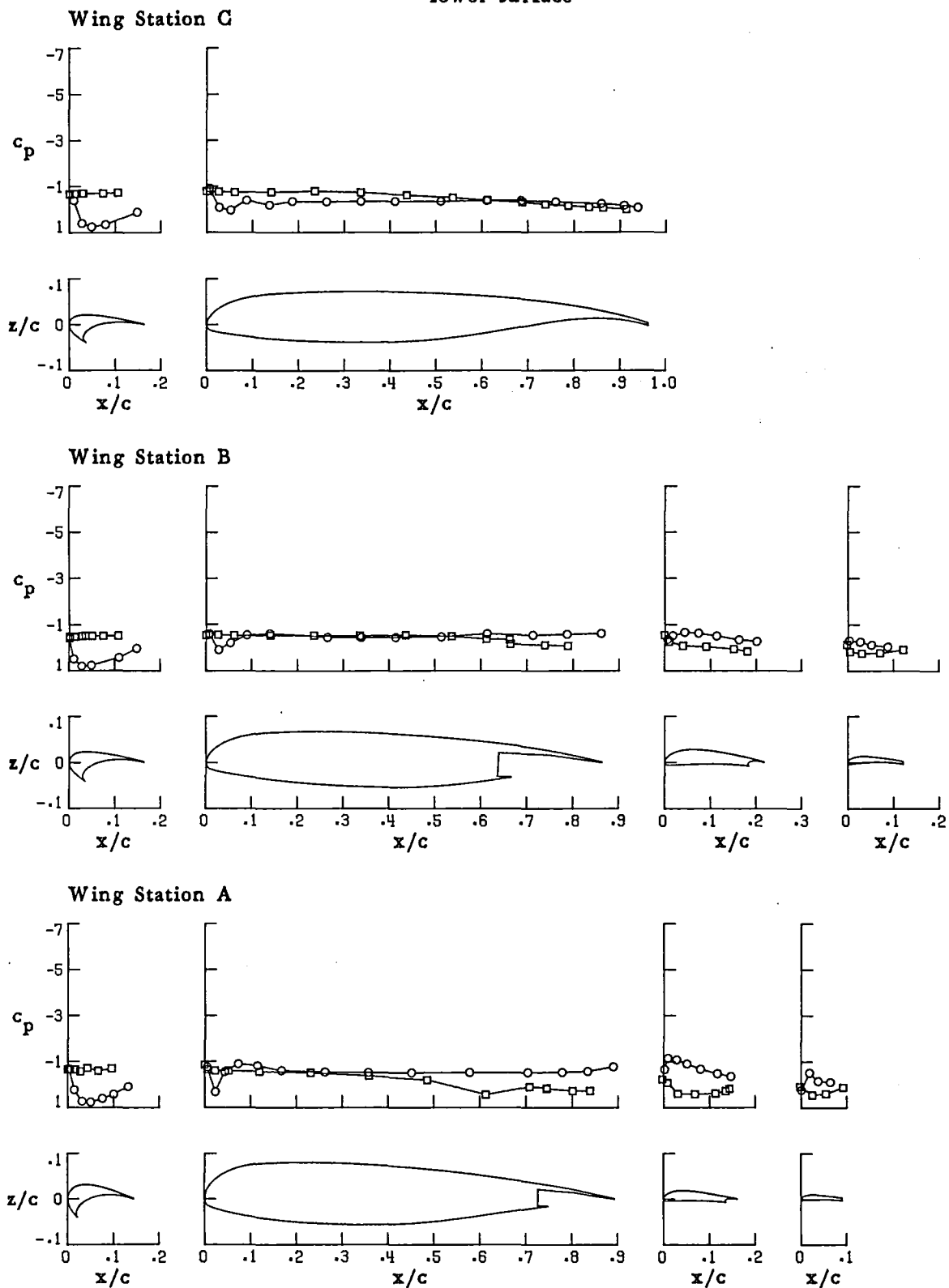
Wing Station A



(j)  $\alpha = 28.492^\circ$

Figure 19.-Concluded.

○ upper surface  
 □ lower surface



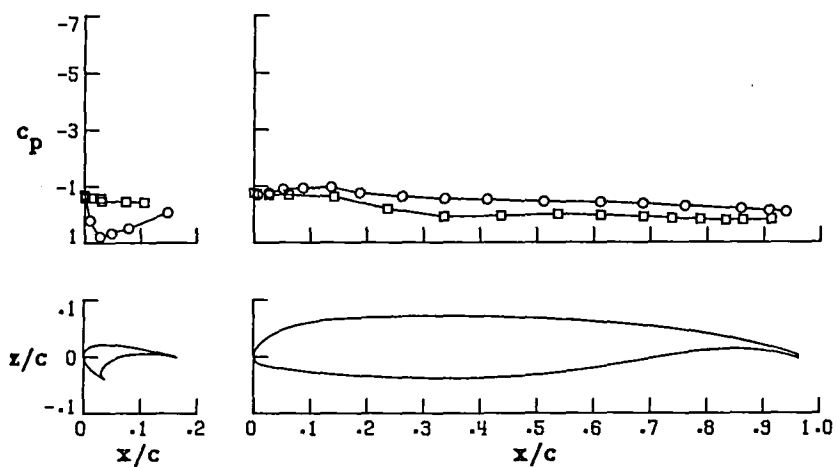
(a)  $\alpha = -3.979^\circ$

Figure 20. - Pressure distributions for aspect-ratio-12,  $30^\circ$  take-off flap wing configuration with  $-50^\circ$  deflection of inboard stat. (Run 47)

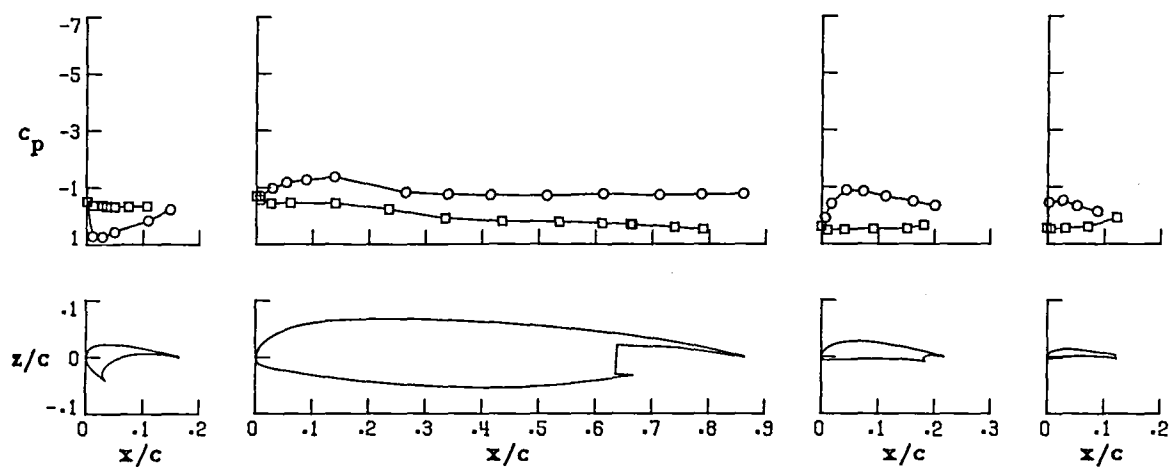
○ upper surface

□ lower surface

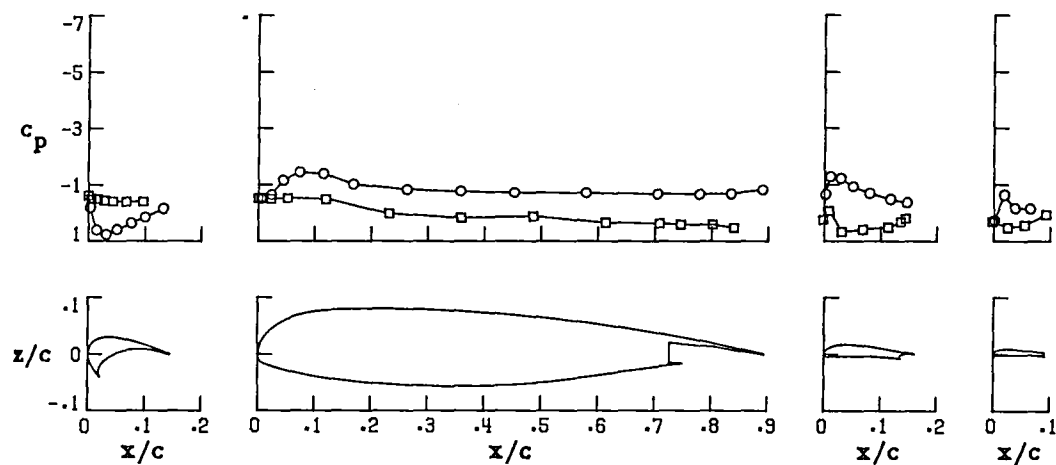
### Wing Station C



### Wing Station B



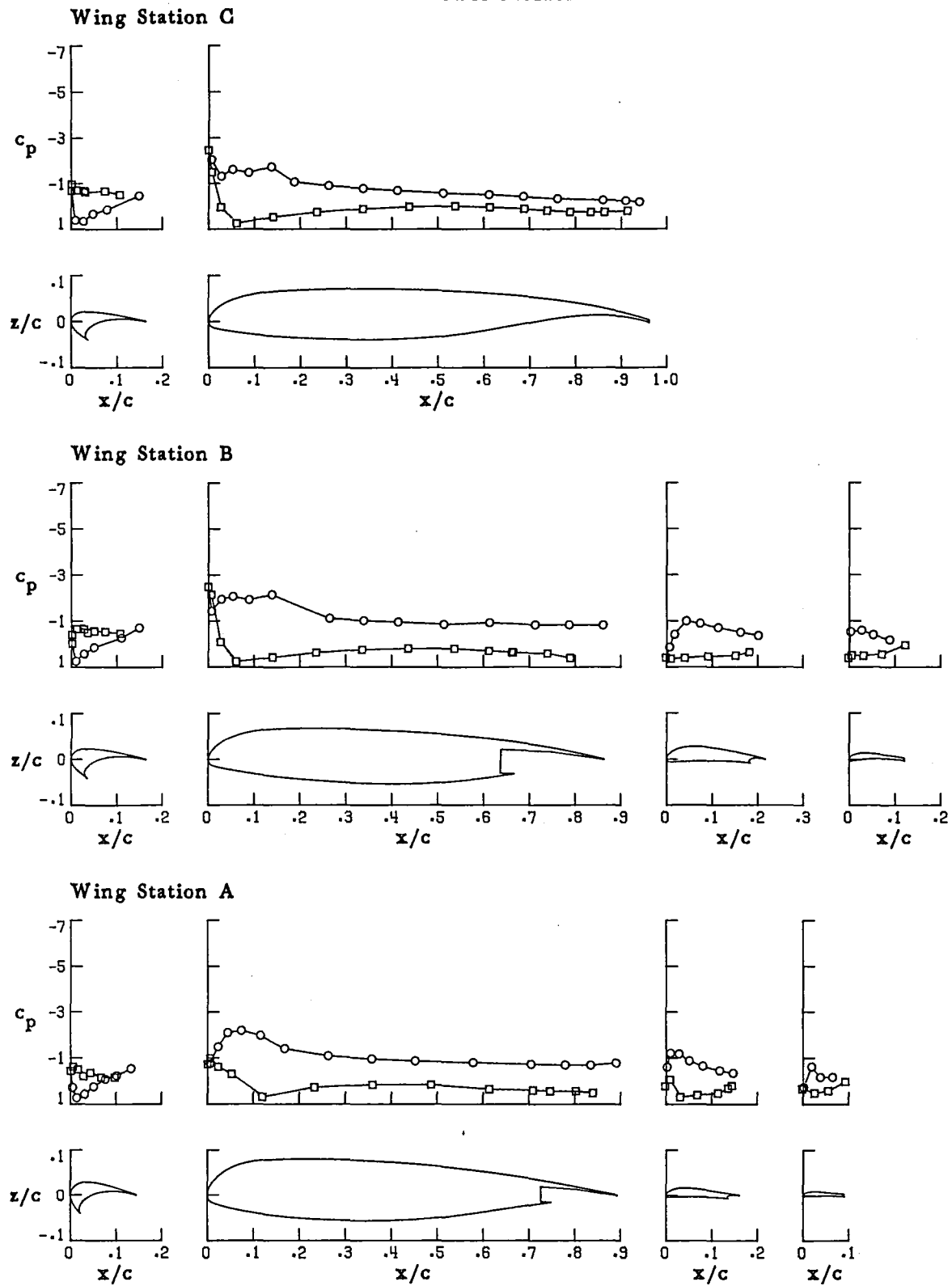
### Wing Station A



(b)  $\alpha = .174^\circ$

Figure 20.-Continued.

○ upper surface  
 □ lower surface



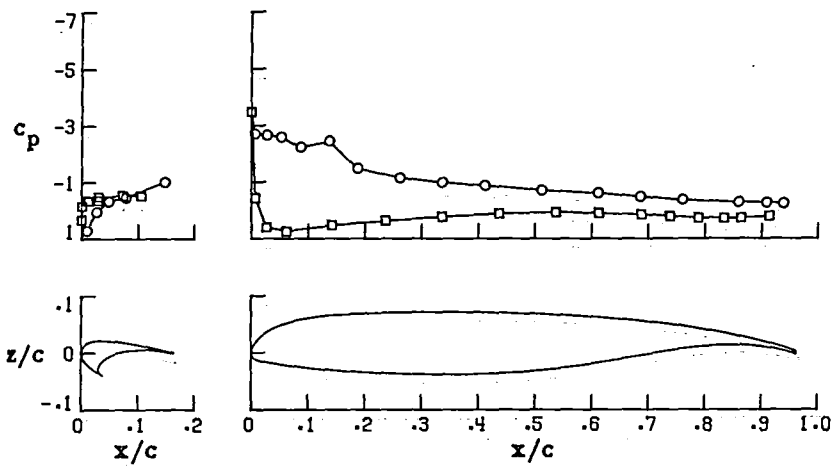
(c)  $\alpha = 4.253^\circ$

Figure 20.-Continued.

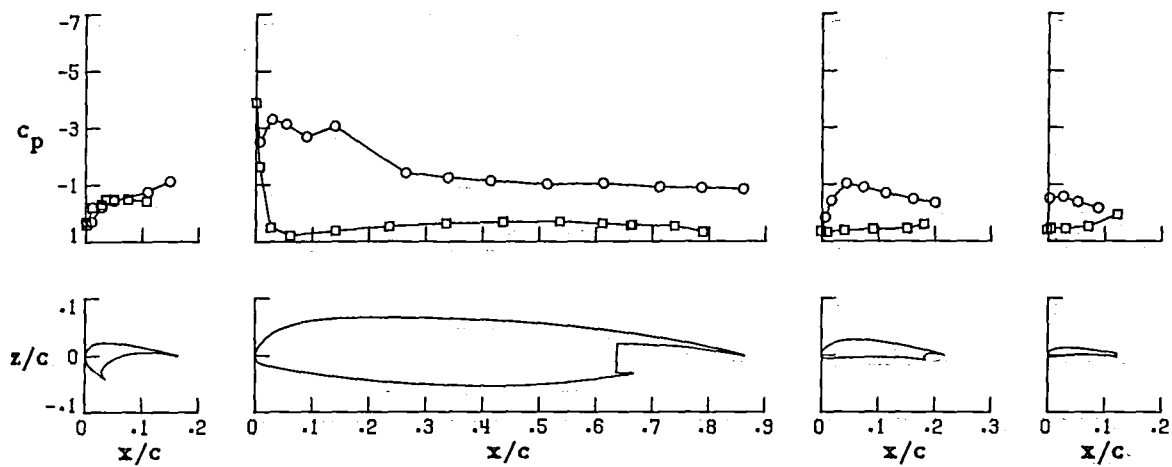


○ upper surface  
 □ lower surface

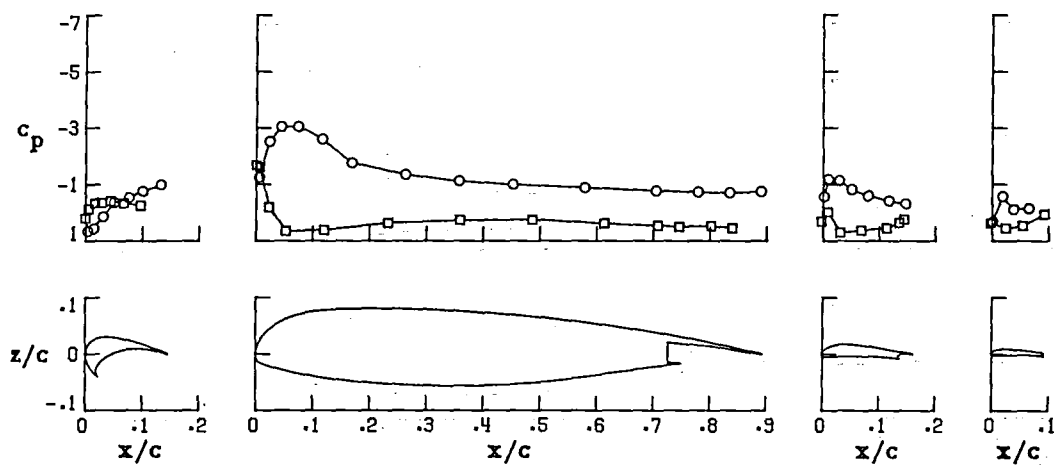
Wing Station C



Wing Station B



Wing Station A

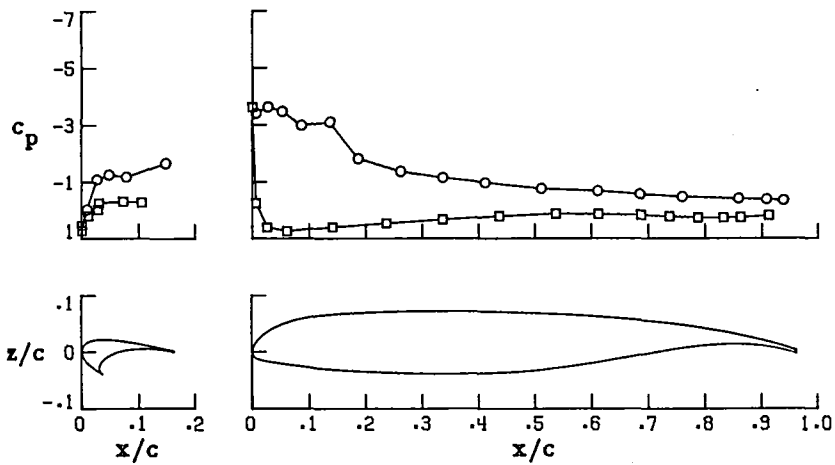


(d)  $\alpha = 8.317^\circ$

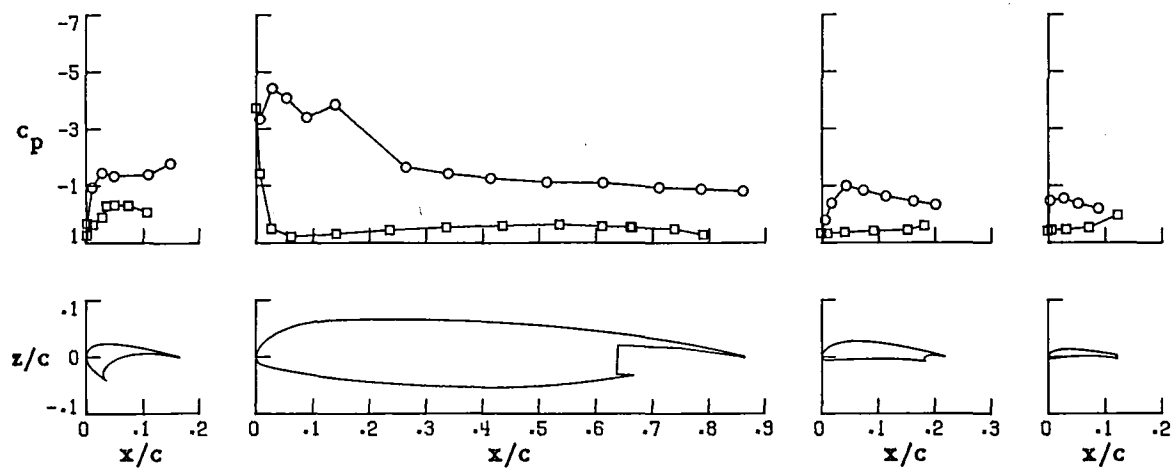
Figure 20.-Continued.

○ upper surface  
 □ lower surface

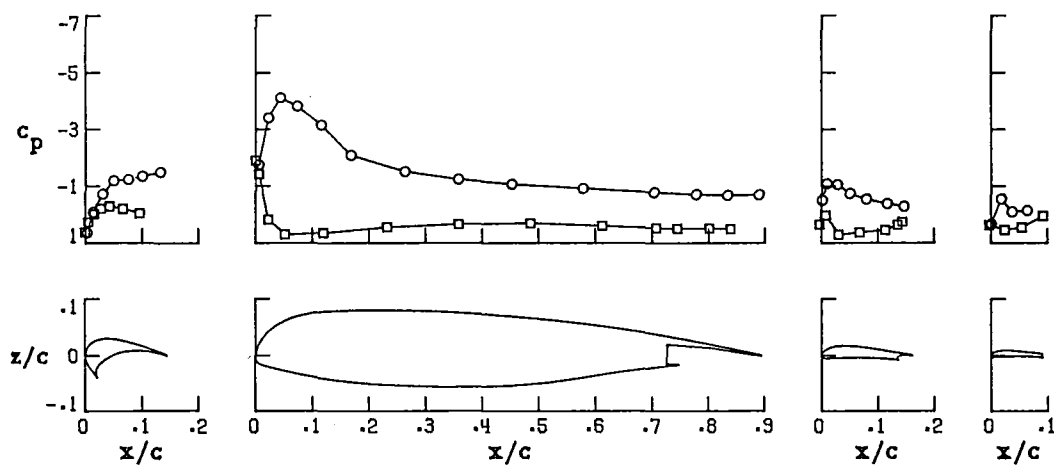
Wing Station C



Wing Station B



Wing Station A

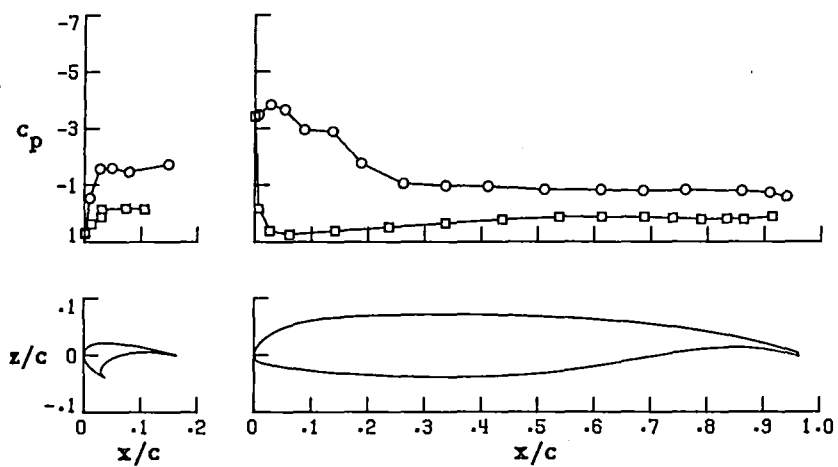


(e)  $\alpha = 12.382^\circ$

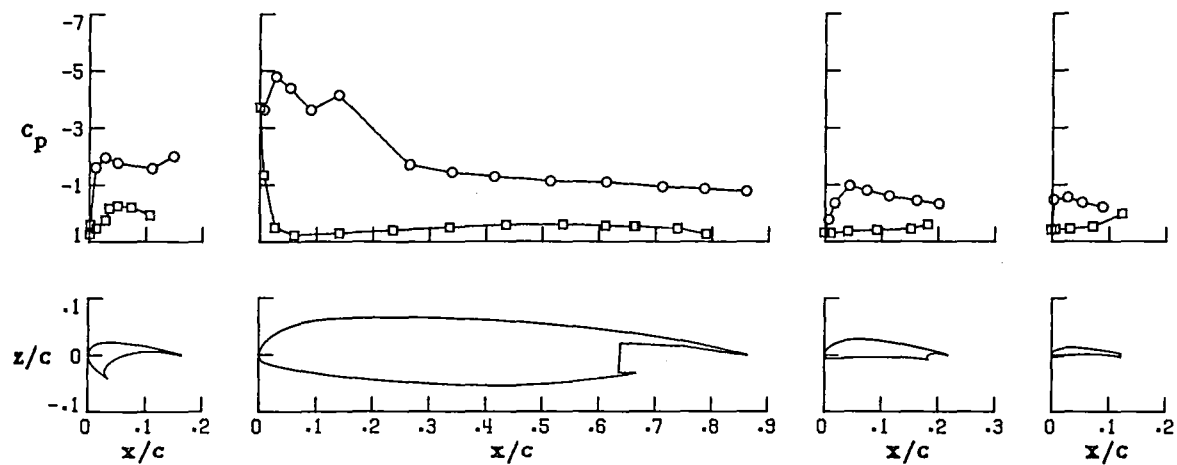
Figure 20-Continued.

○ upper surface  
 □ lower surface

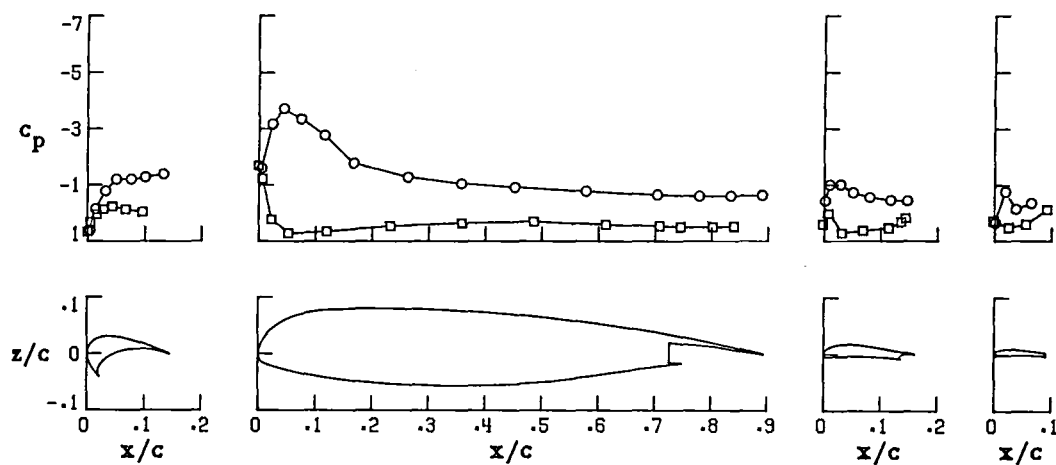
Wing Station C



Wing Station B



Wing Station A

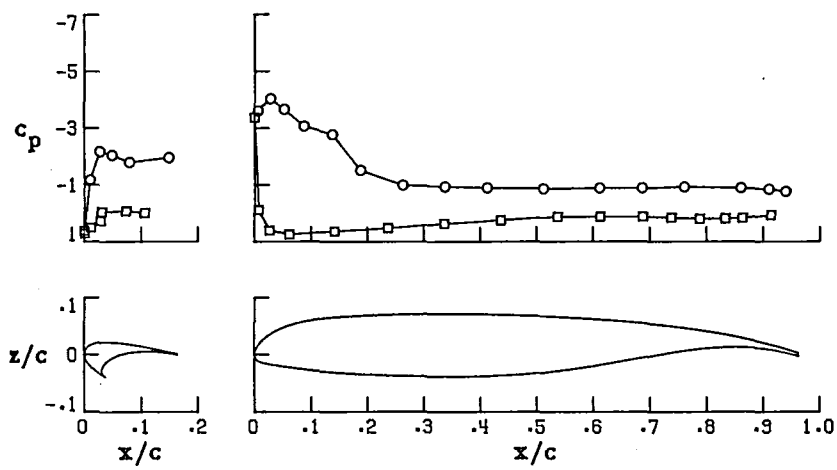


(f)  $\alpha = 14.380^\circ$

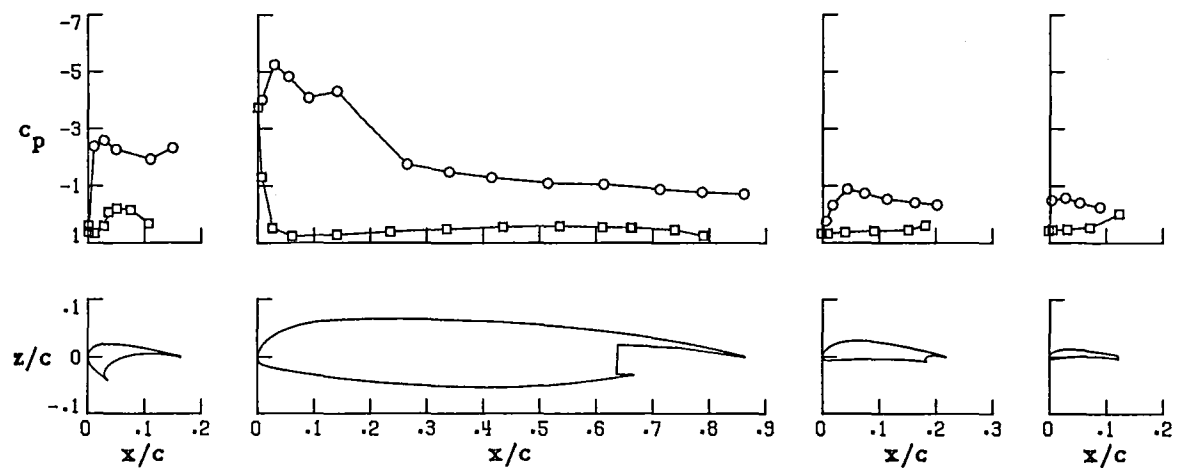
Figure 20.-Continued.

○ upper surface  
 □ lower surface

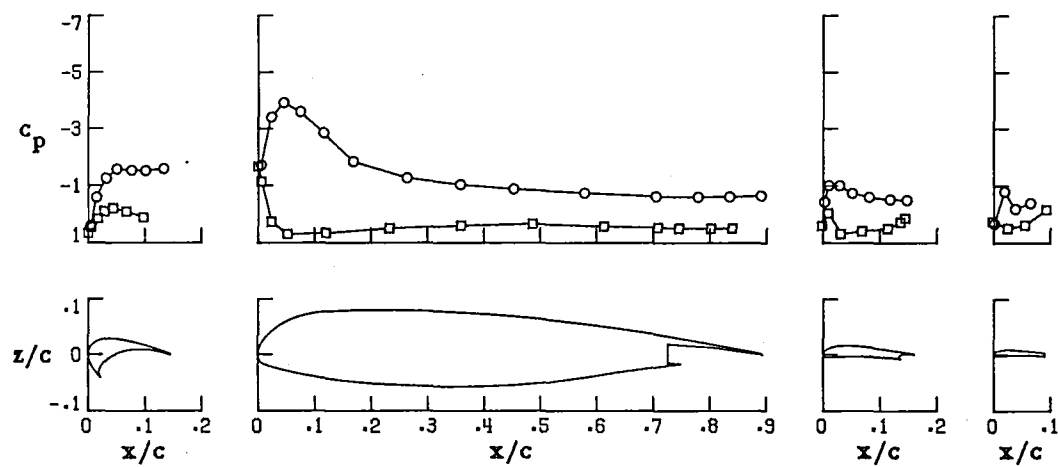
Wing Station C



Wing Station B



Wing Station A

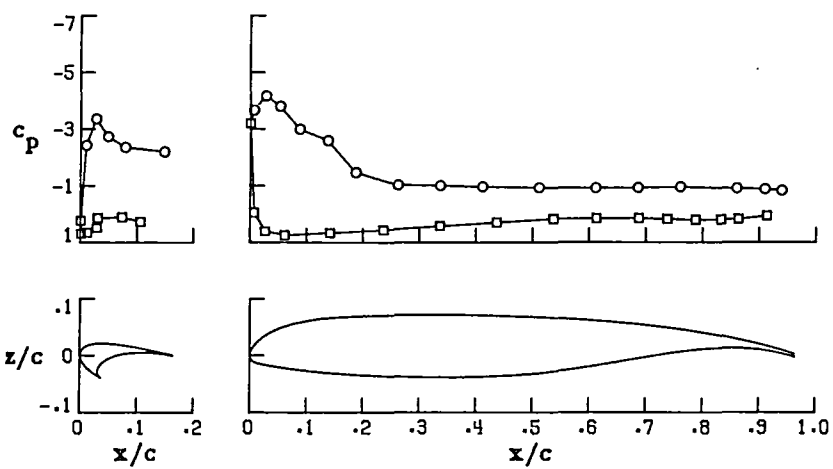


(g)  $\alpha = 16.423^\circ$

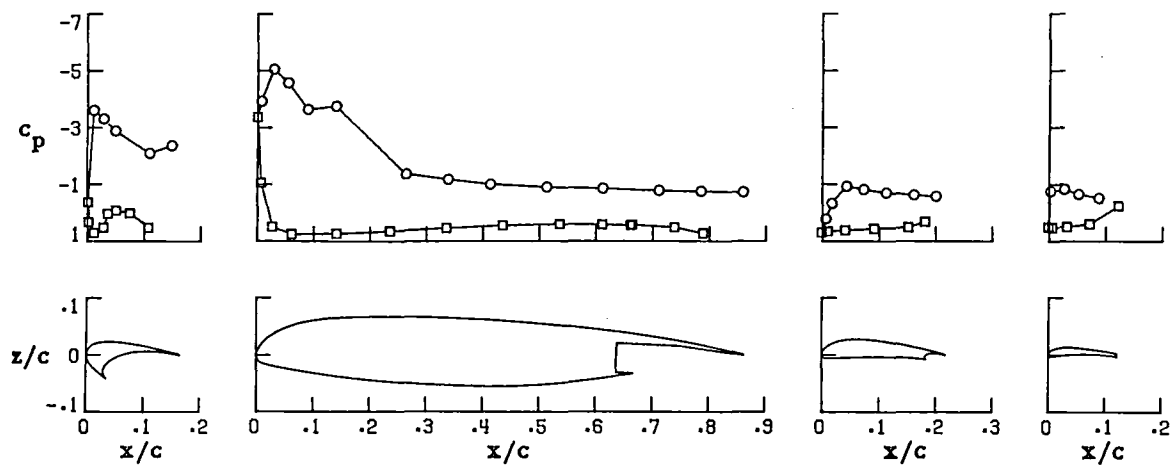
Figure 20.-Continued.

○ upper surface  
 □ lower surface

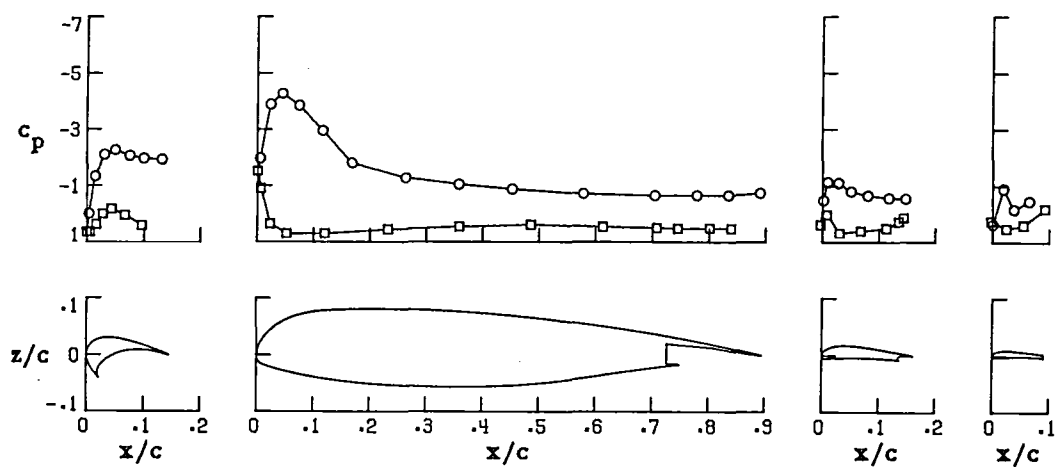
Wing Station C



Wing Station B



Wing Station A

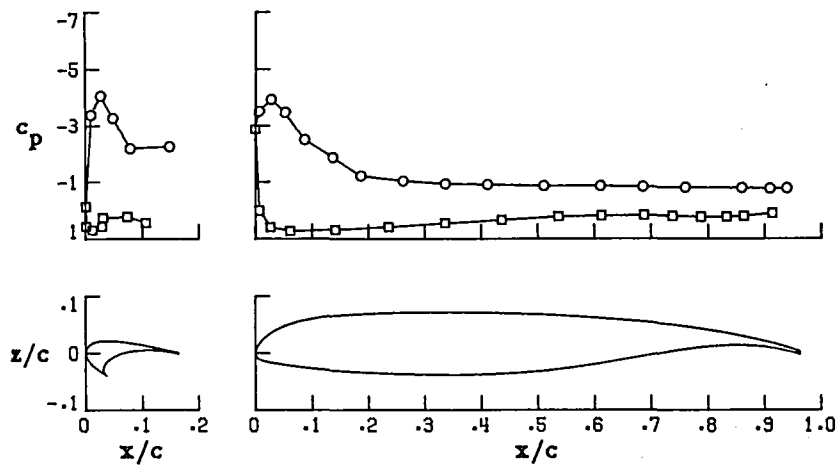


(h)  $\alpha = 20.443^\circ$

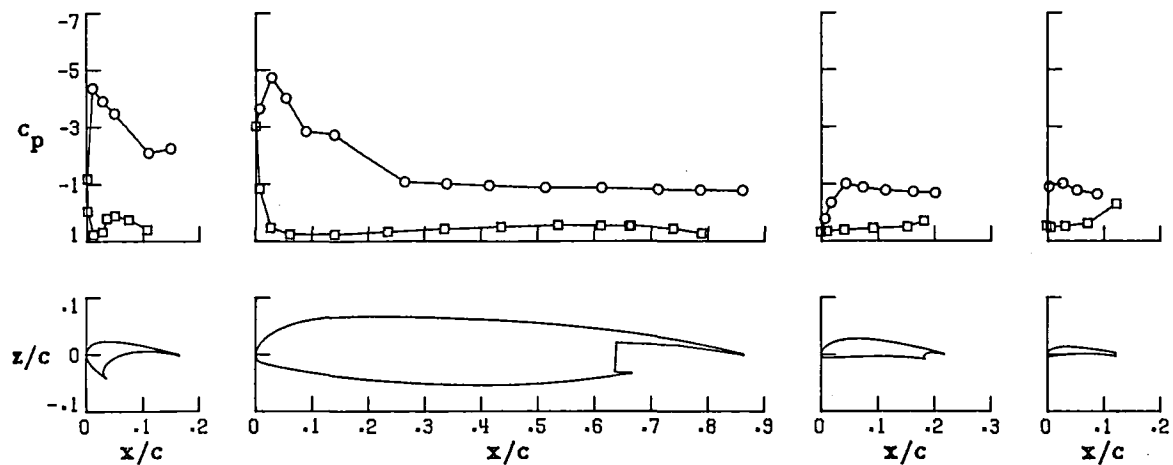
Figure 20.-Continued.

○ upper surface  
 □ lower surface

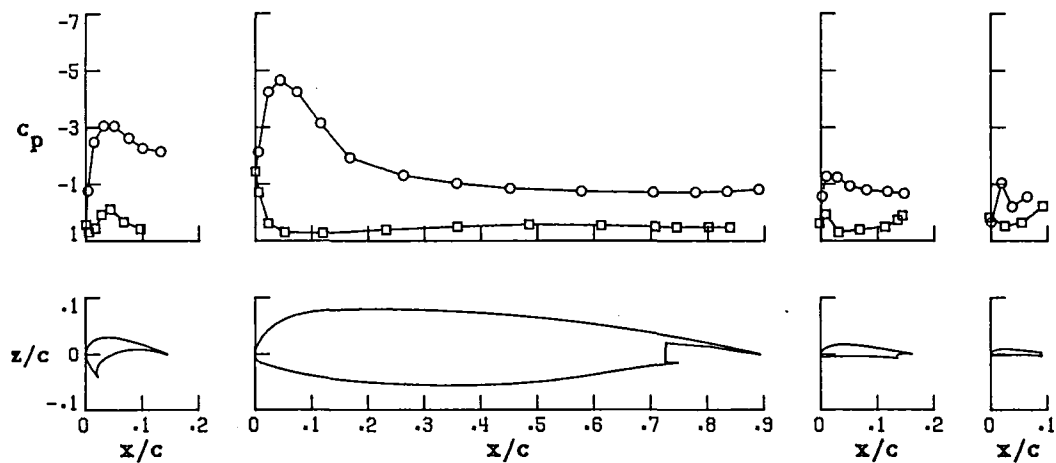
Wing Station C



Wing Station B



Wing Station A

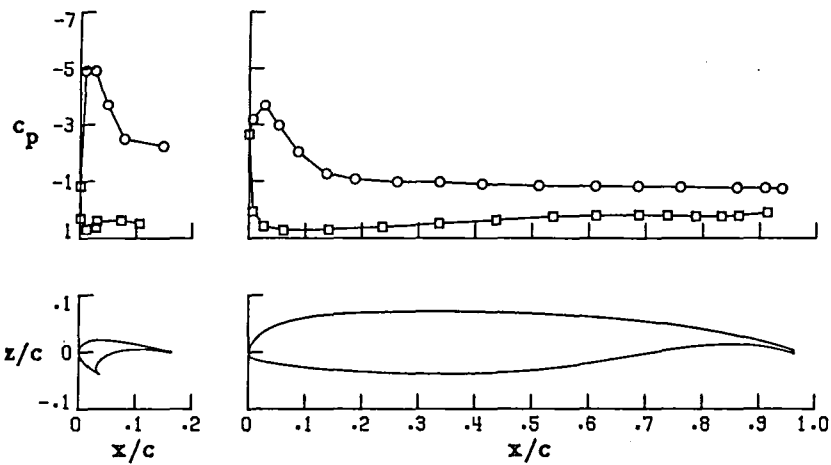


(i)  $\alpha = 24.532^\circ$

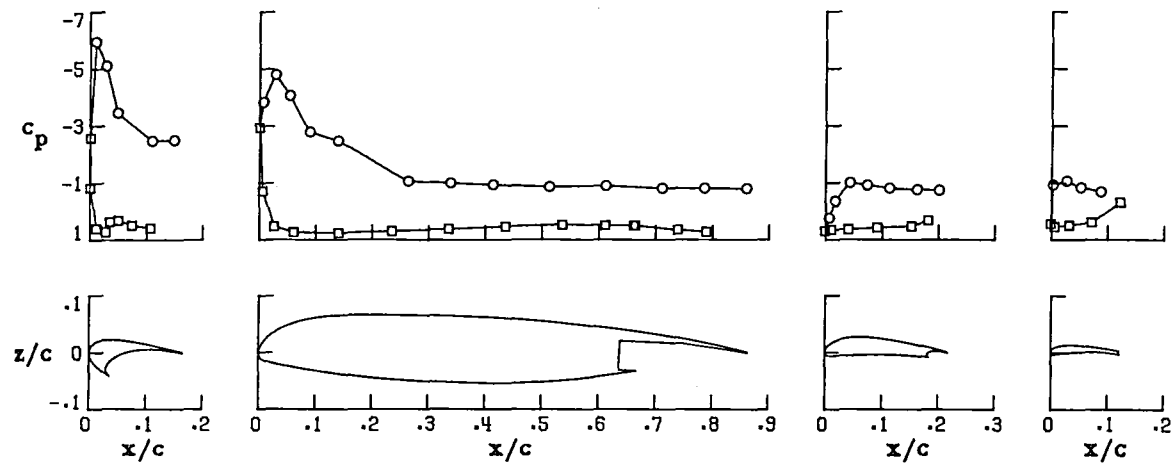
Figure 20.-Continued.

○ upper surface  
 □ lower surface

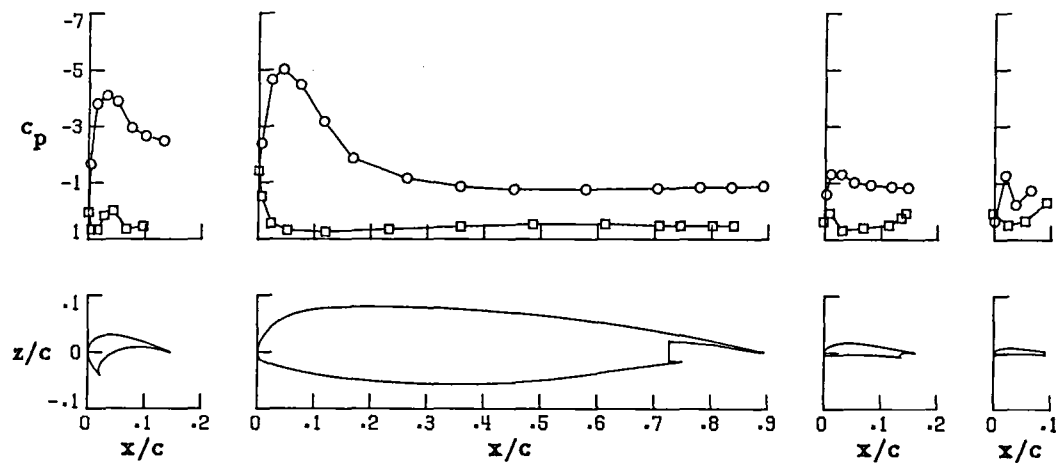
Wing Station C



Wing Station B



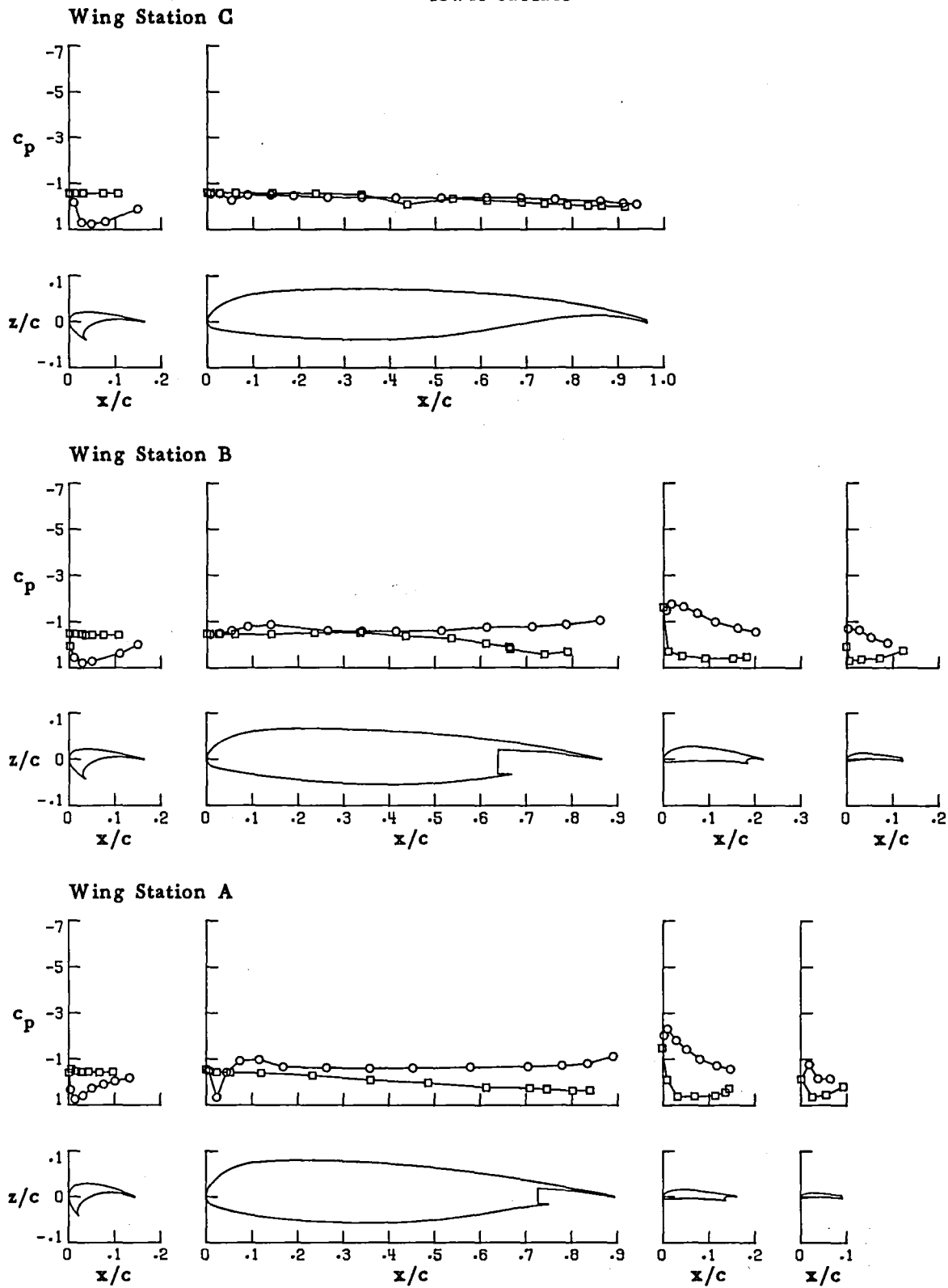
Wing Station A



(j)  $\alpha = 28.587^\circ$

Figure 20.-Concluded.

○ upper surface  
 □ lower surface



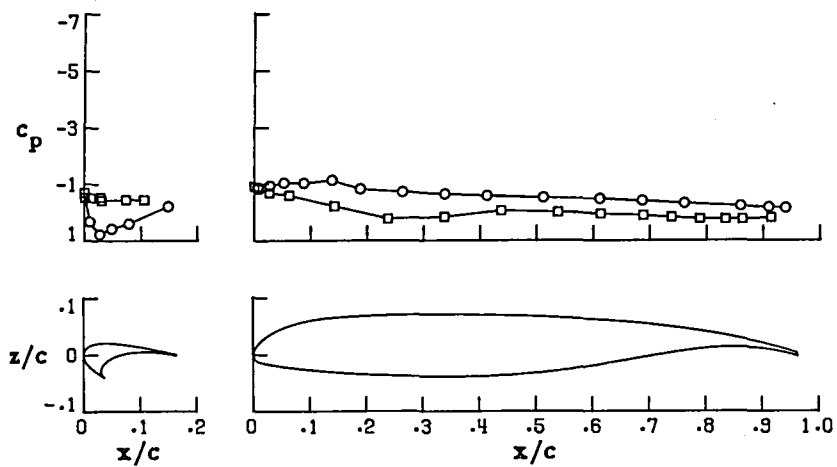
(a)  $\alpha = -3.850^\circ$

Figure 21. - Pressure distributions for aspect-ratio-10,  $45^\circ$  landing flap wing configuration with  $-30^\circ$  deflection of inboard slat. (Run 35)

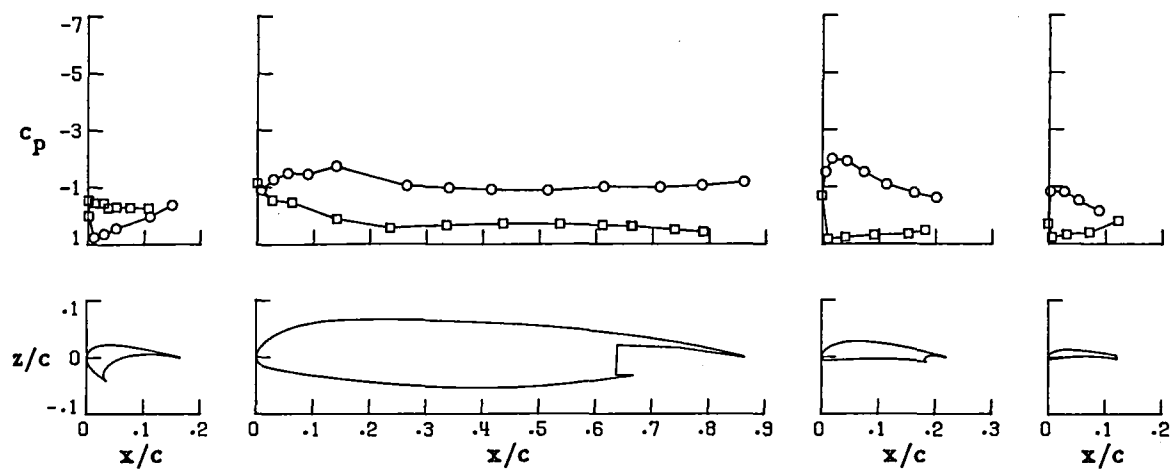


○ upper surface  
 □ lower surface

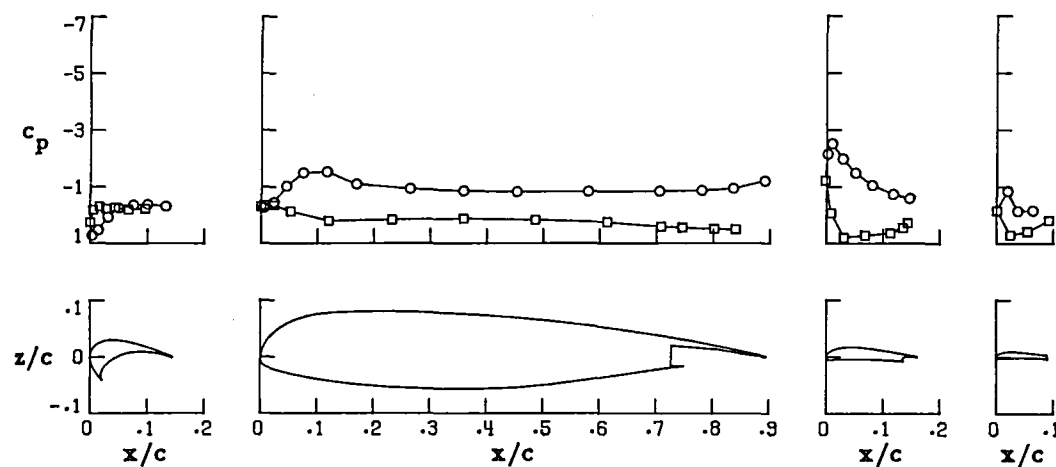
Wing Station C



Wing Station B



Wing Station A

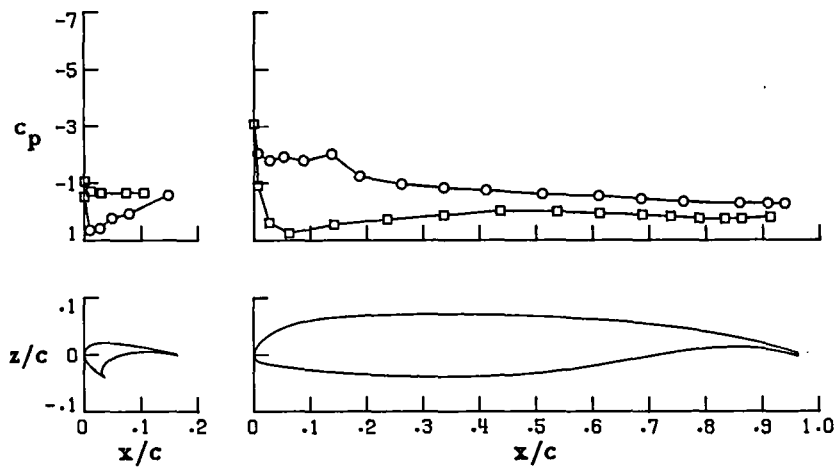


(b)  $\alpha = .266^\circ$

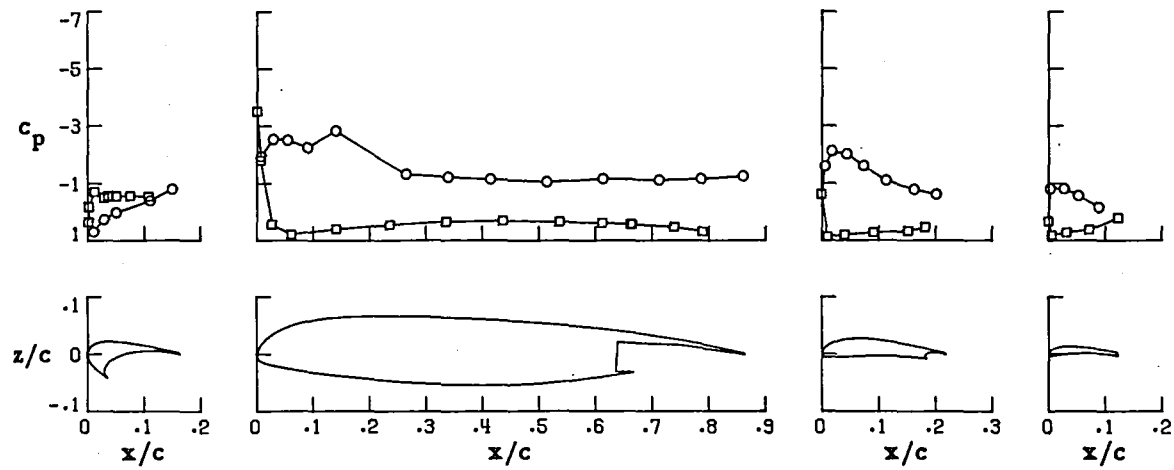
Figure 21-Continued.

○ upper surface  
 □ lower surface

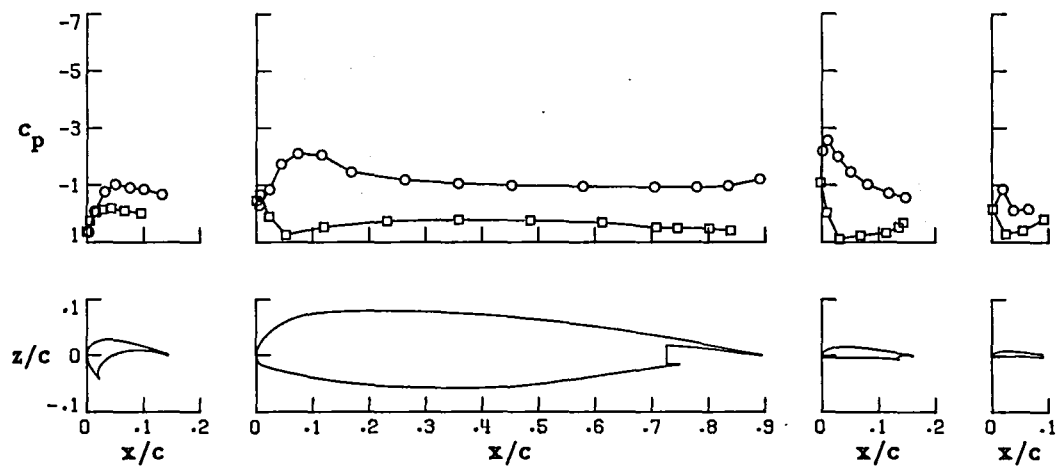
Wing Station C



Wing Station B



Wing Station A

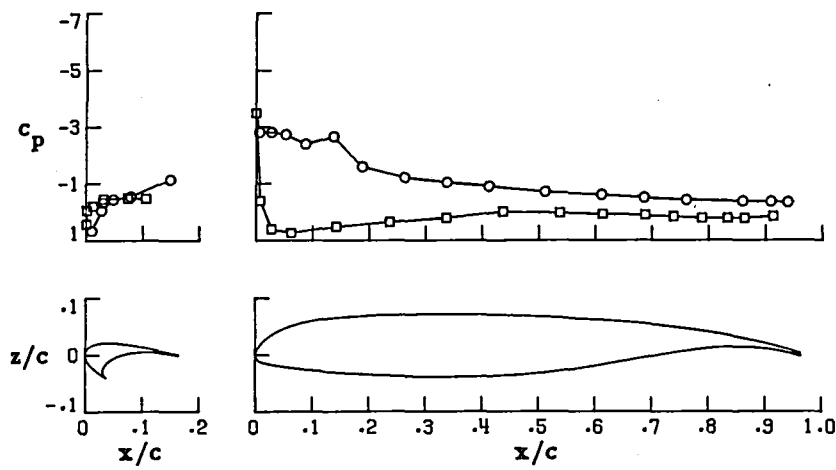


(c)  $\alpha = 4.295^\circ$

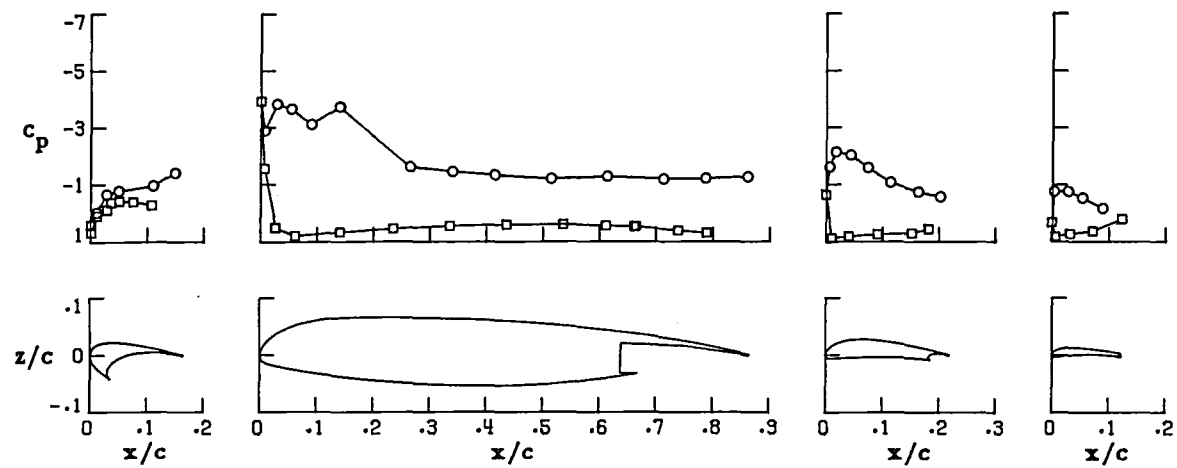
Figure 21.-Continued.

○ upper surface  
 □ lower surface

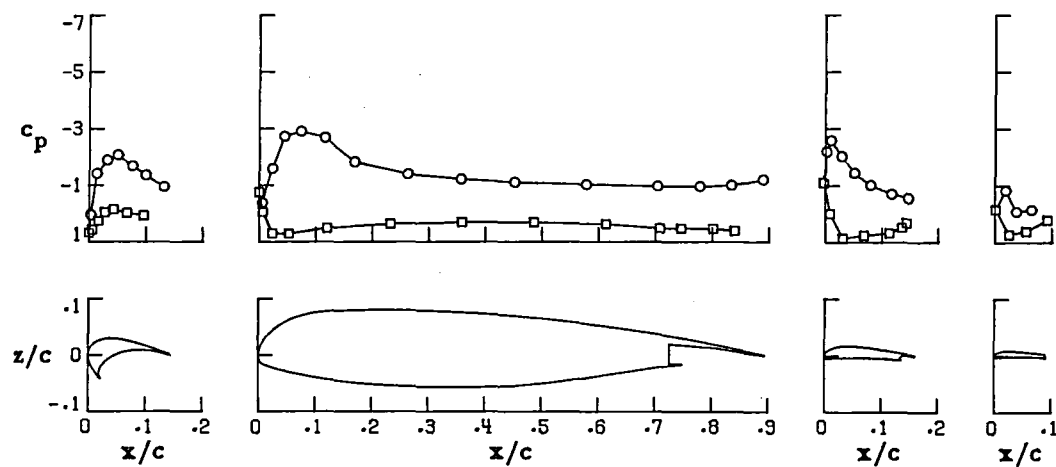
Wing Station C



Wing Station B



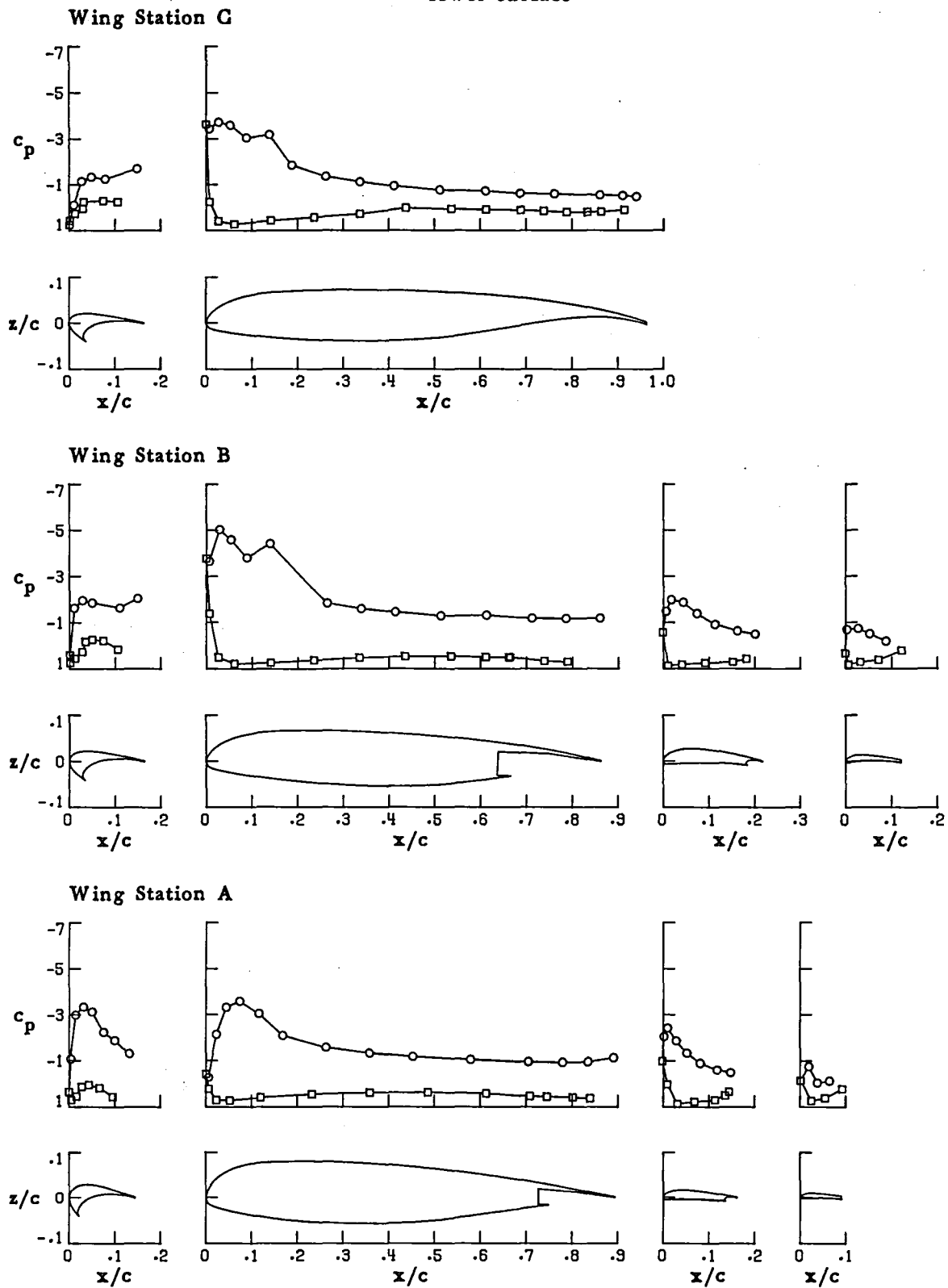
Wing Station A



(d)  $\alpha = 8.886^\circ$

Figure 21.-Continued.

○ upper surface  
 □ lower surface

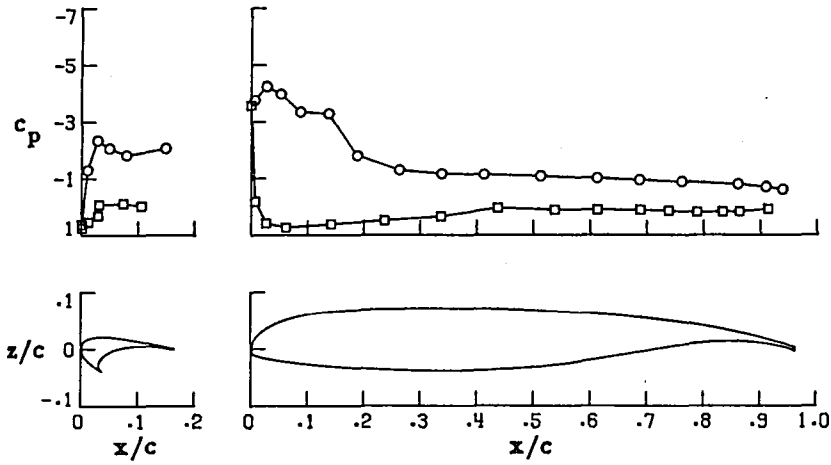


(e)  $\alpha = 12.467^\circ$

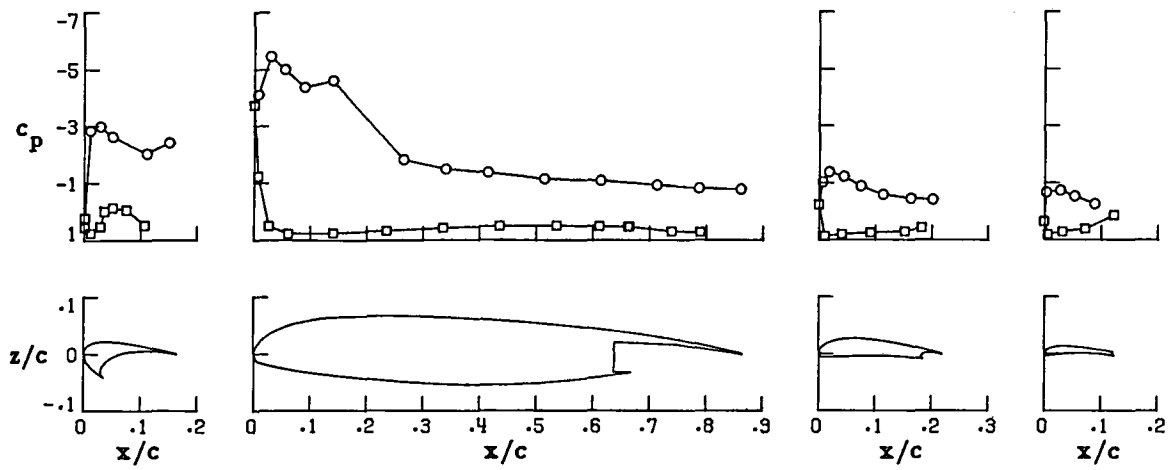
Figure 21.-Continued.

○ upper surface  
 □ lower surface

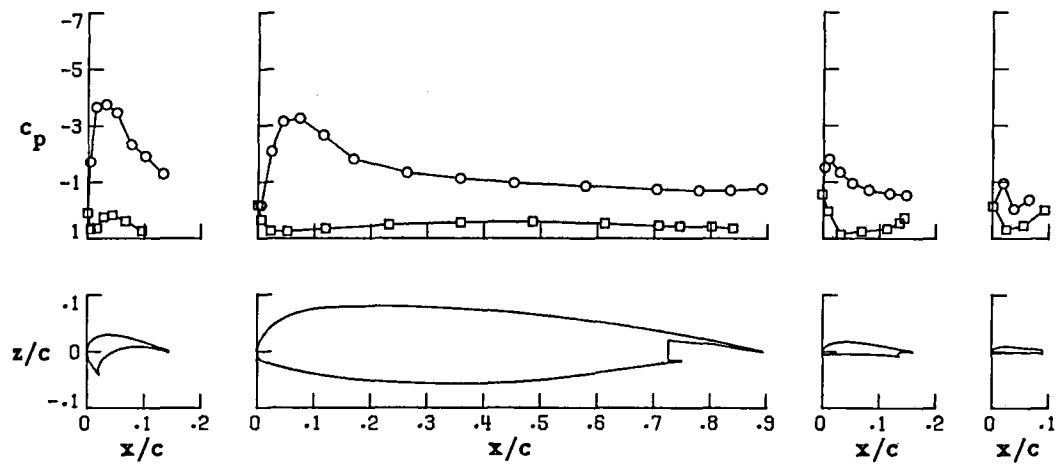
Wing Station G



Wing Station B



Wing Station A

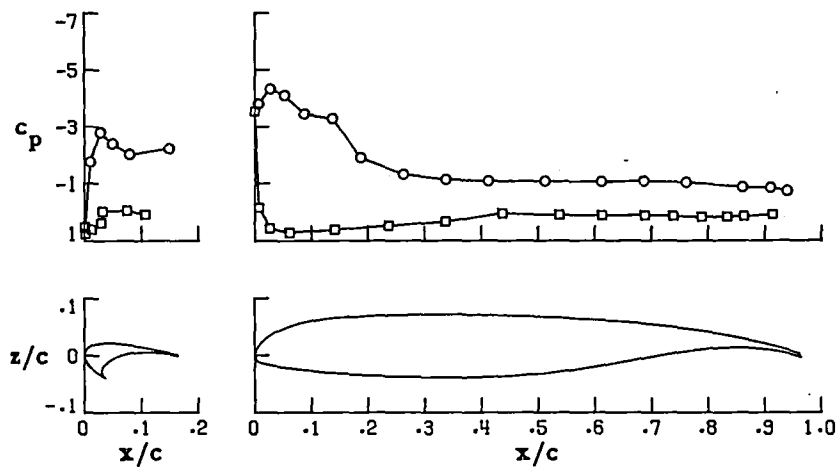


(f)  $\alpha = 16.455^\circ$

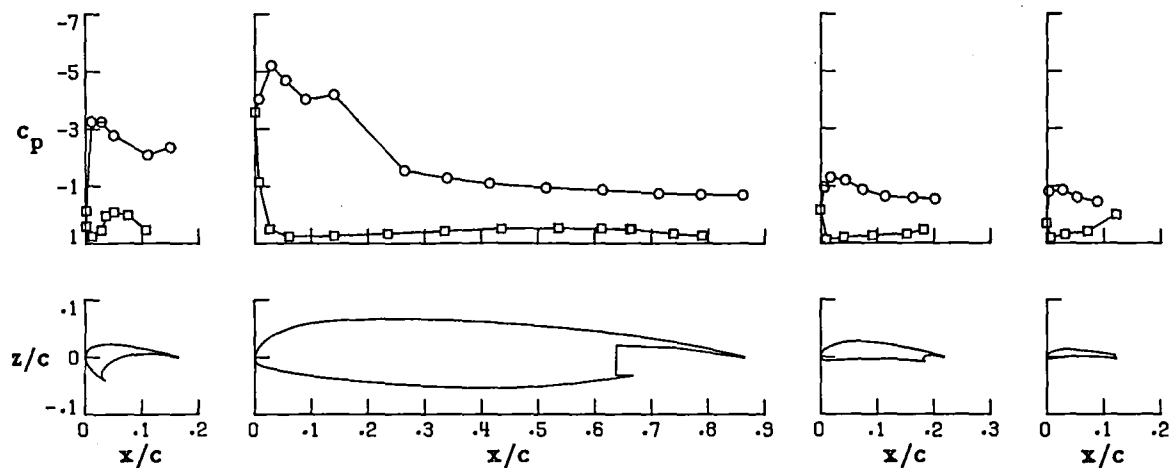
Figure 21.-Continued.

○ upper surface  
 □ lower surface

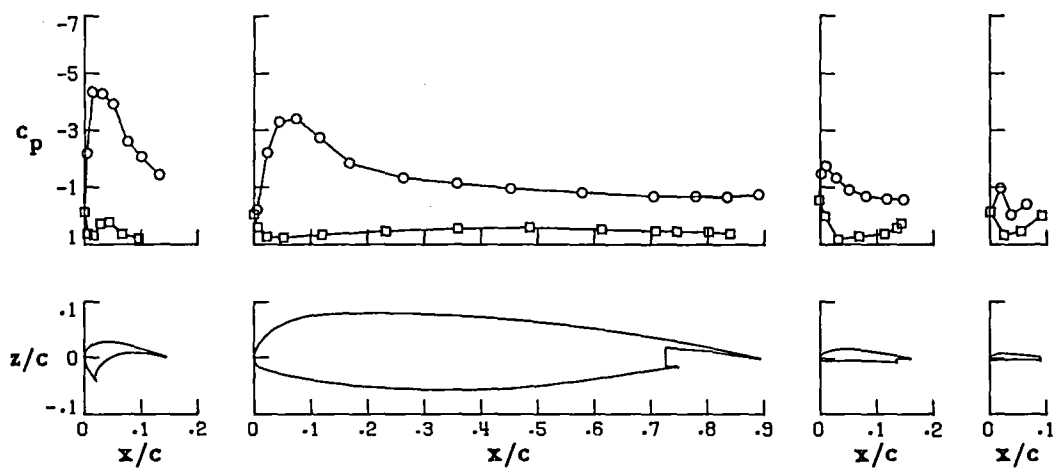
Wing Station C



Wing Station B



Wing Station A

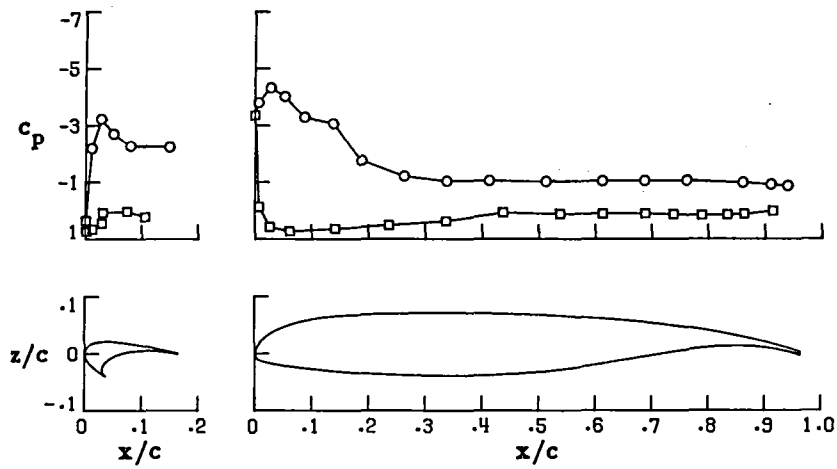


(g)  $\alpha = 18.447^\circ$

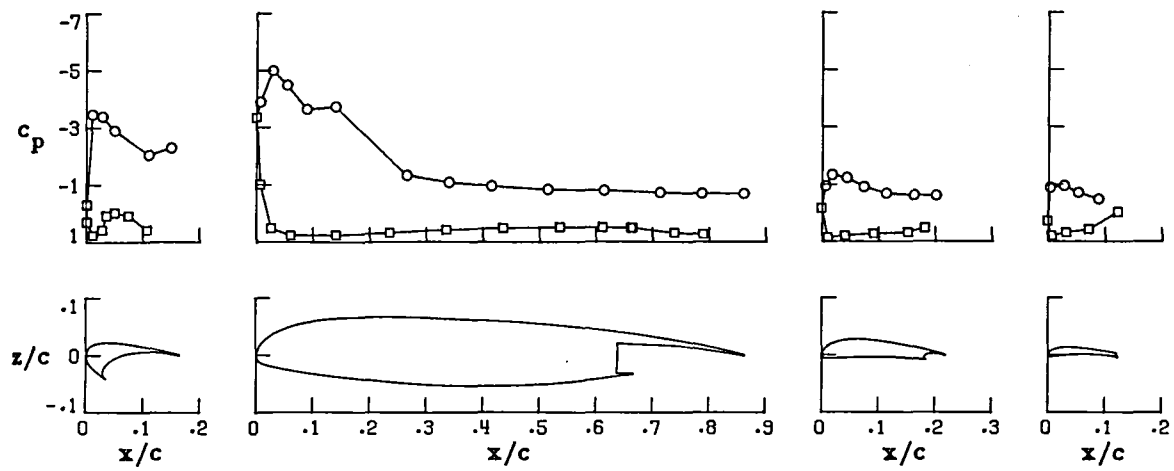
Figure 21.-Continued.

○ upper surface  
 □ lower surface

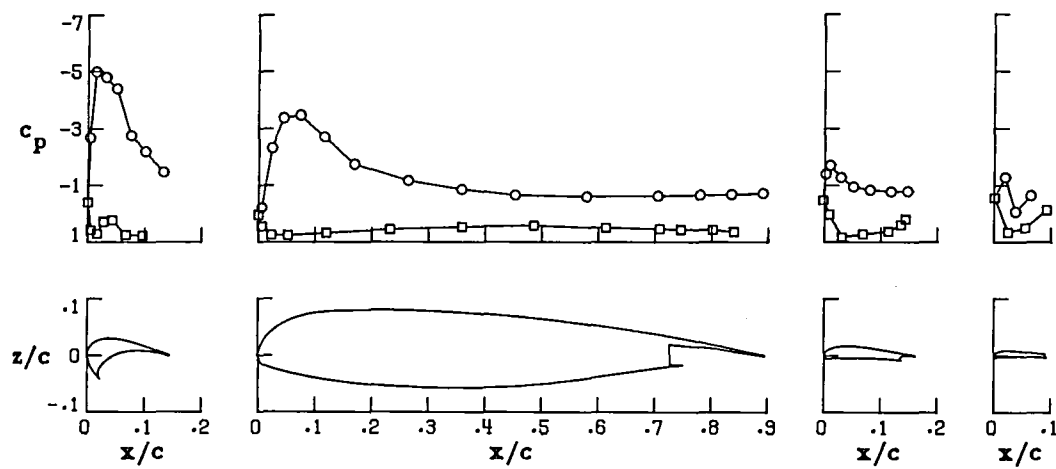
Wing Station C



Wing Station B



Wing Station A

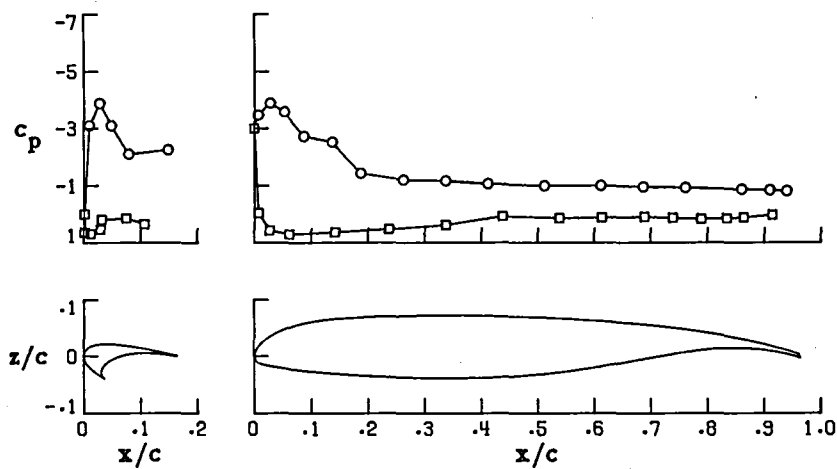


(h)  $\alpha = 20.411^\circ$

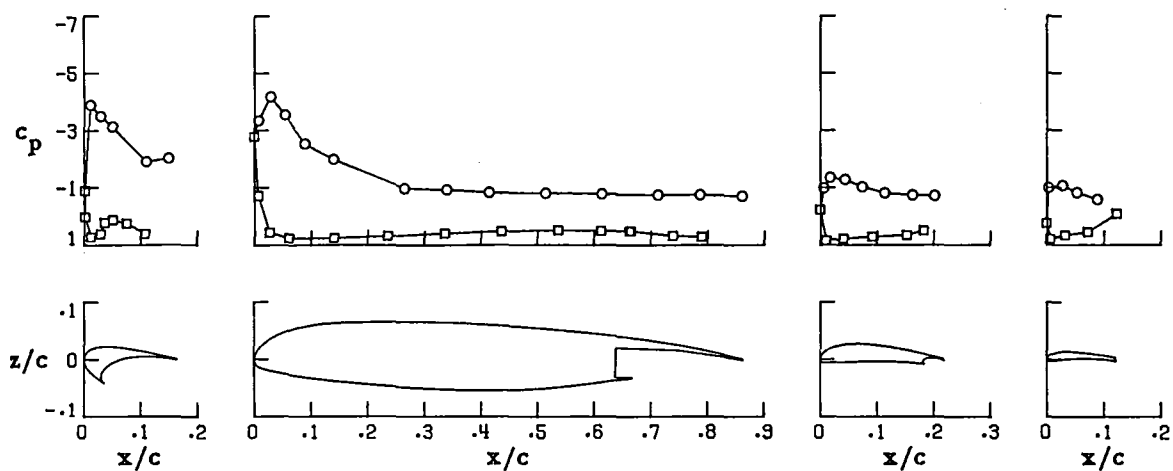
Figure 21.-Continued.

○ upper surface  
 □ lower surface

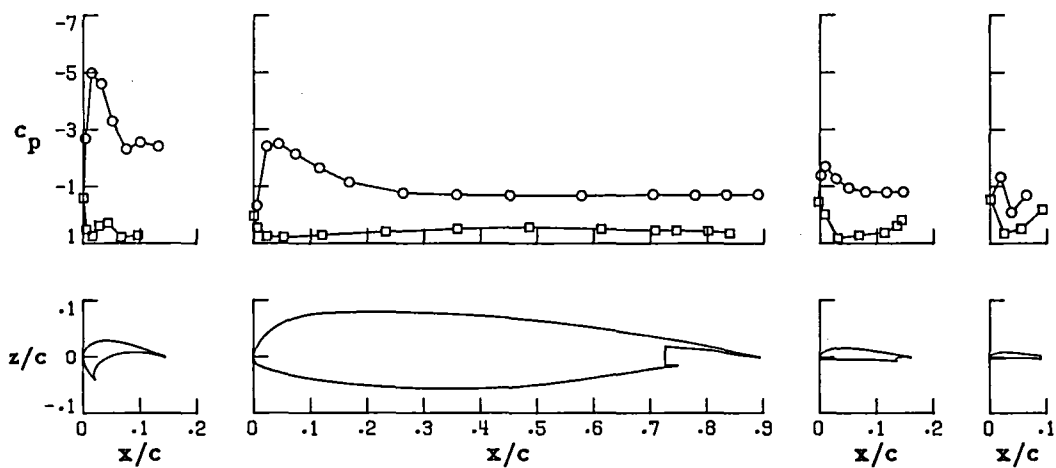
Wing Station C



Wing Station B



Wing Station A



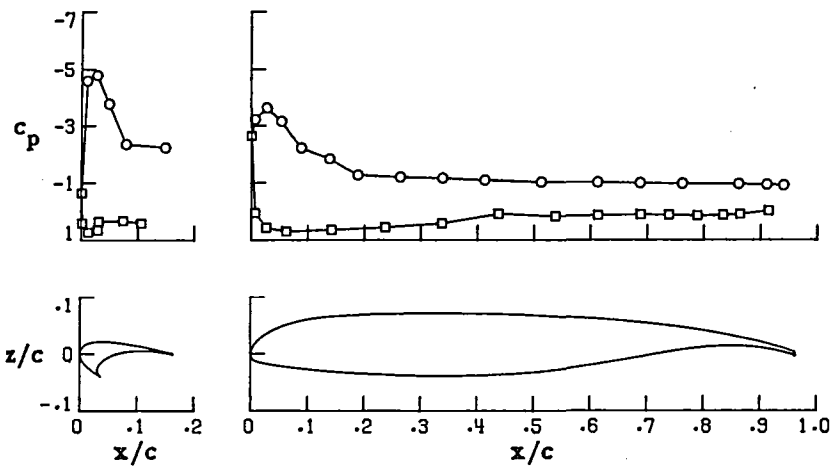
(i)  $\alpha = 24.518^\circ$

Figure 21.-Continued.

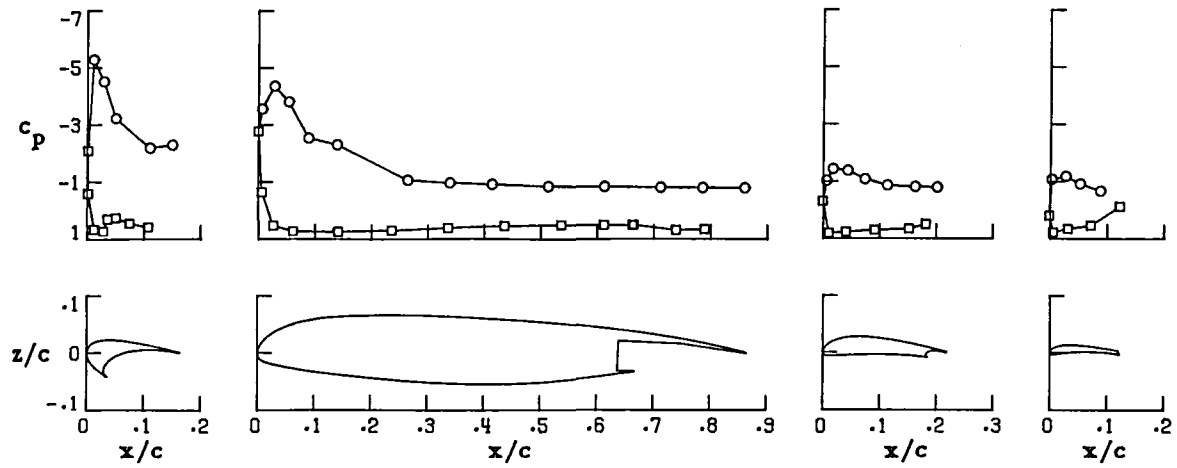


○ upper surface  
 □ lower surface

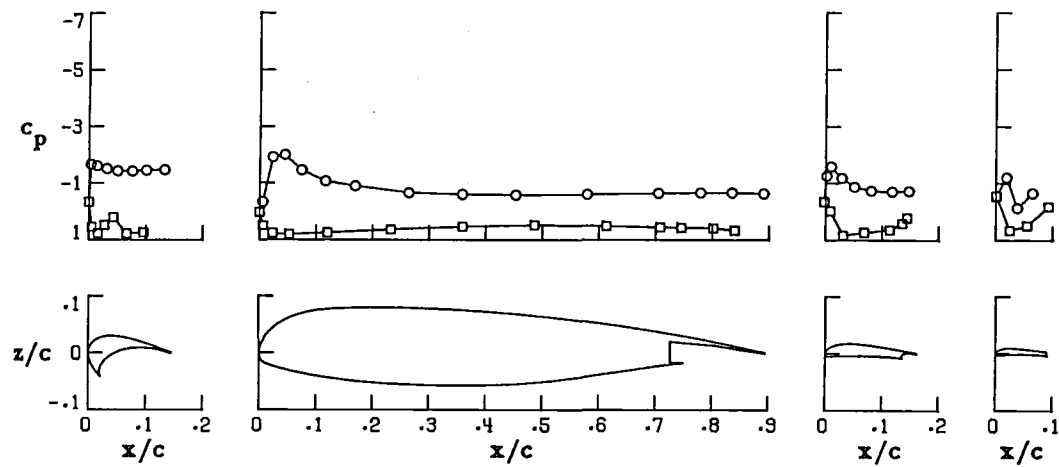
Wing Station C



Wing Station B



Wing Station A

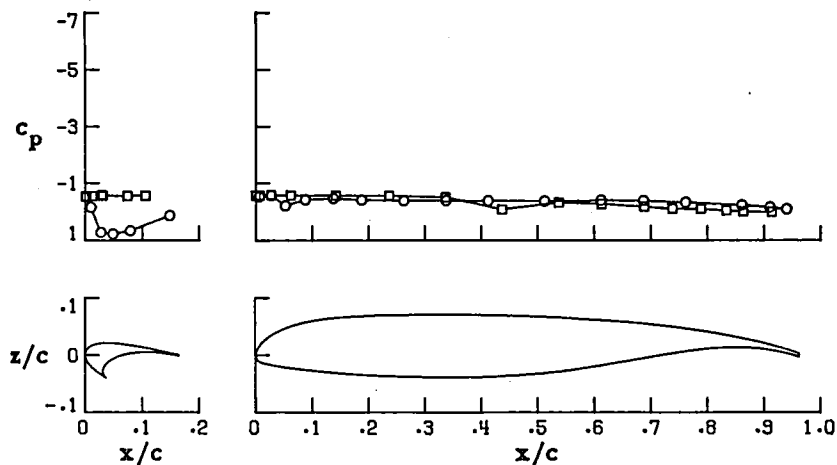


(j)  $\alpha = 28.529^\circ$

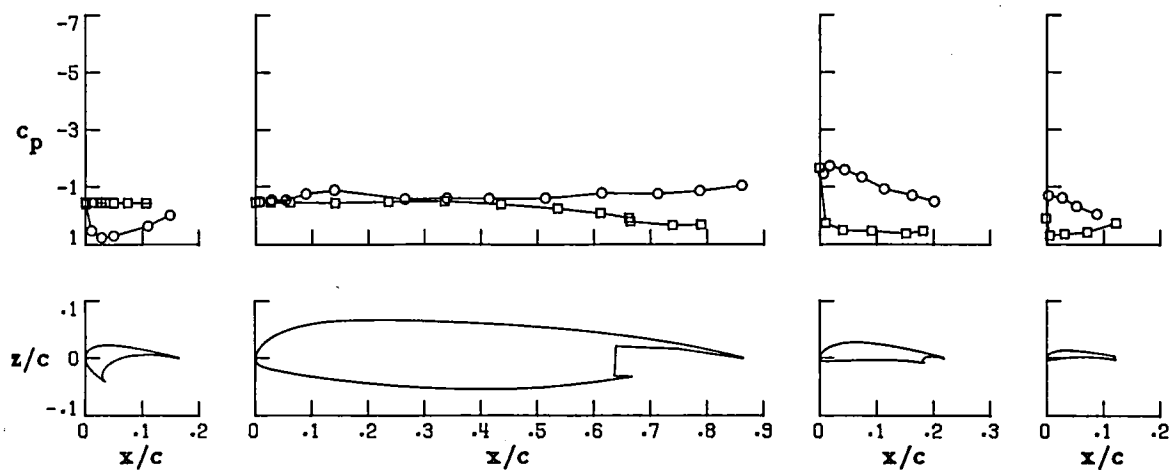
Figure 21.-Concluded.

○ upper surface  
 □ lower surface

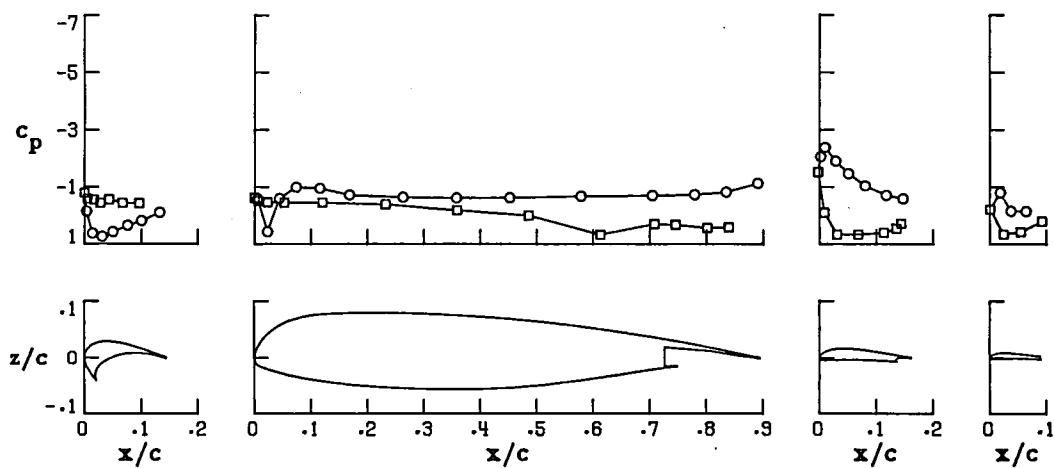
Wing Station C



Wing Station B



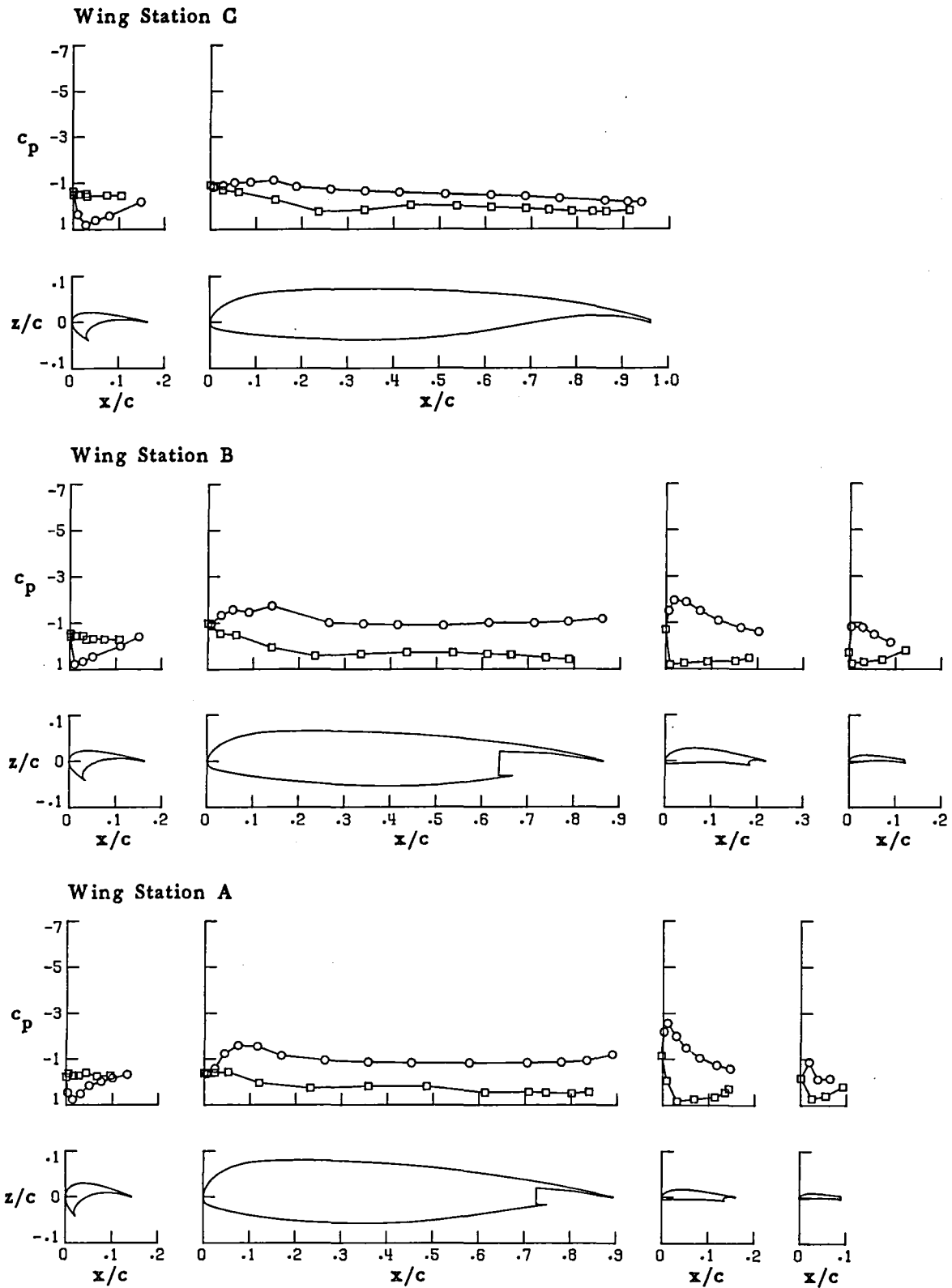
Wing Station A



(a)  $\alpha = -3.859^\circ$

Figure 22. - Pressure distributions for aspect-ratio-10,  $45^\circ$  landing flap wing configuration with  $-40^\circ$  deflection of inboard slat. (Run 36)

○ upper surface  
 □ lower surface

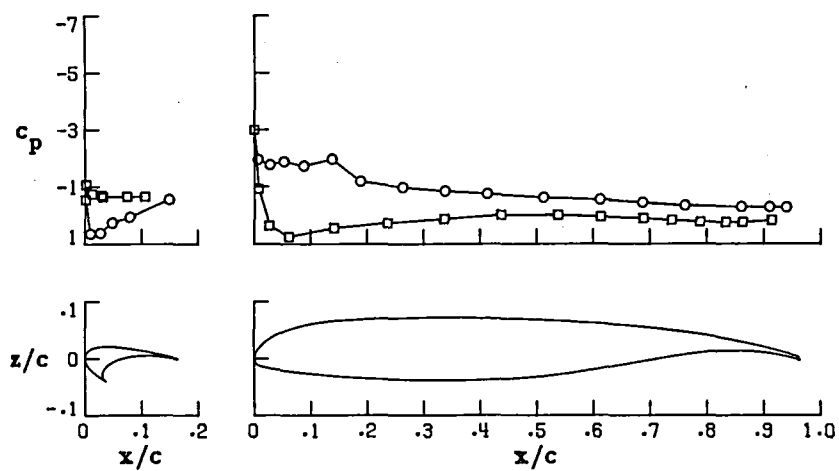


(b)  $\alpha = .289^\circ$

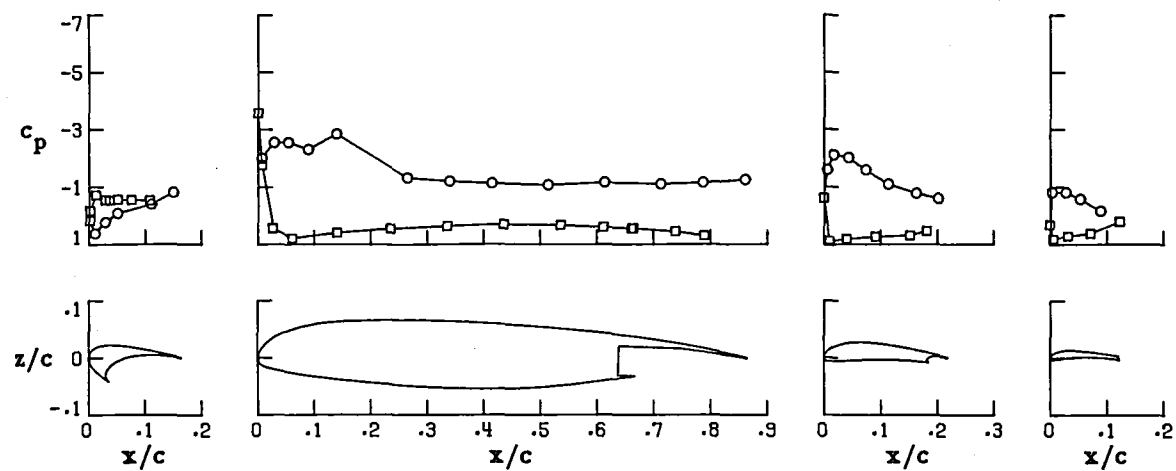
Figure 22.-Continued.

○ upper surface  
 □ lower surface

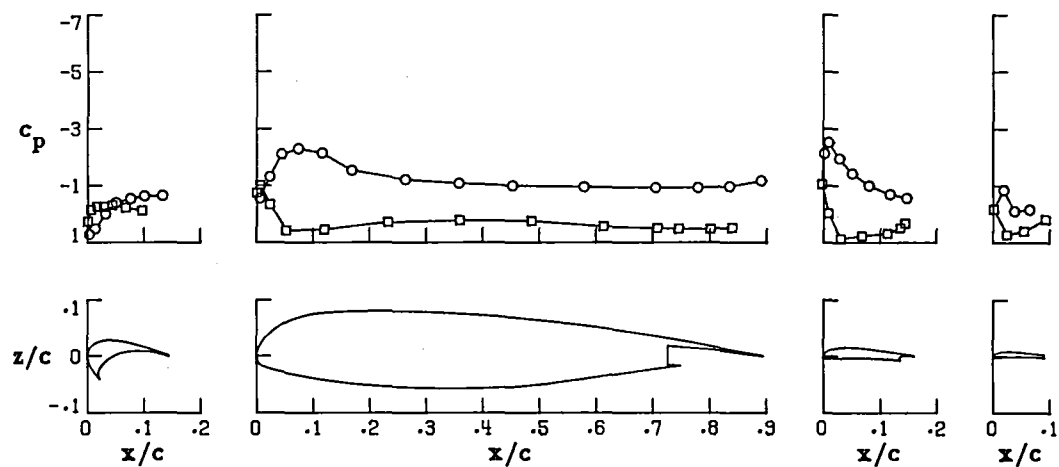
Wing Station C



Wing Station B



Wing Station A

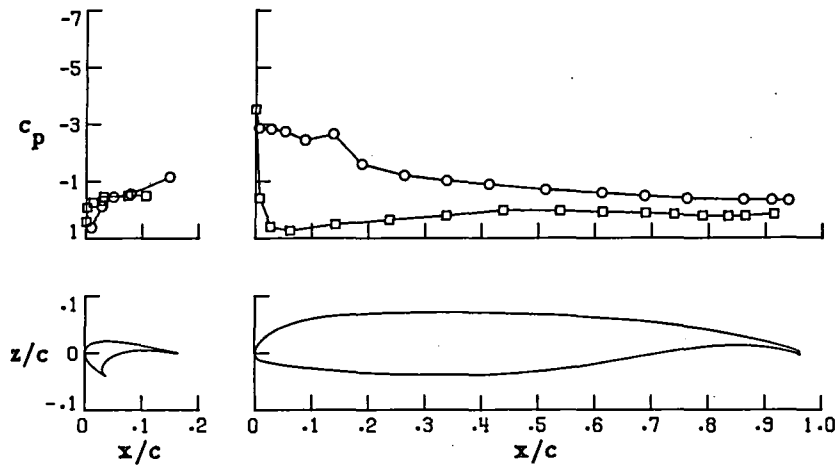


(c)  $\alpha = 4.286^\circ$

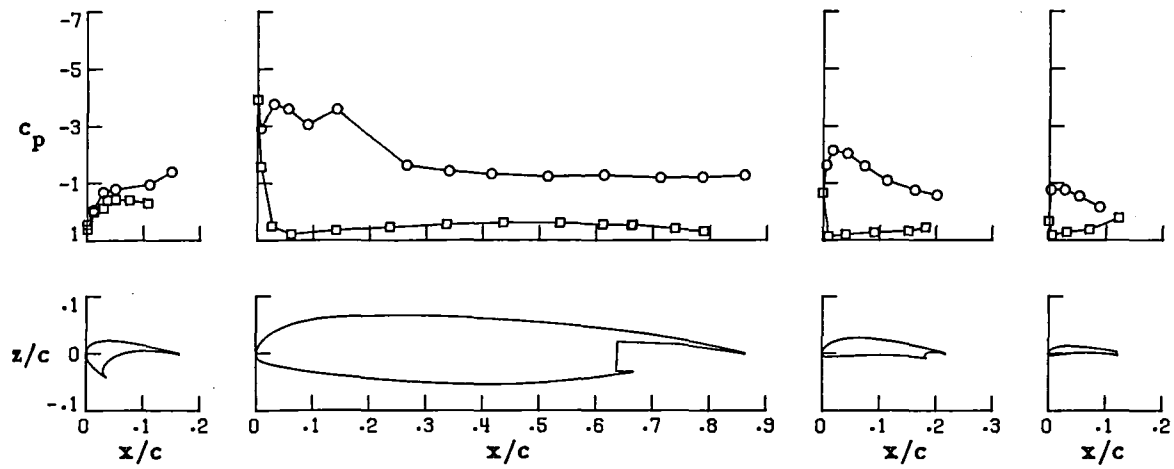
Figure 22.-Continued.

○ upper surface  
 □ lower surface

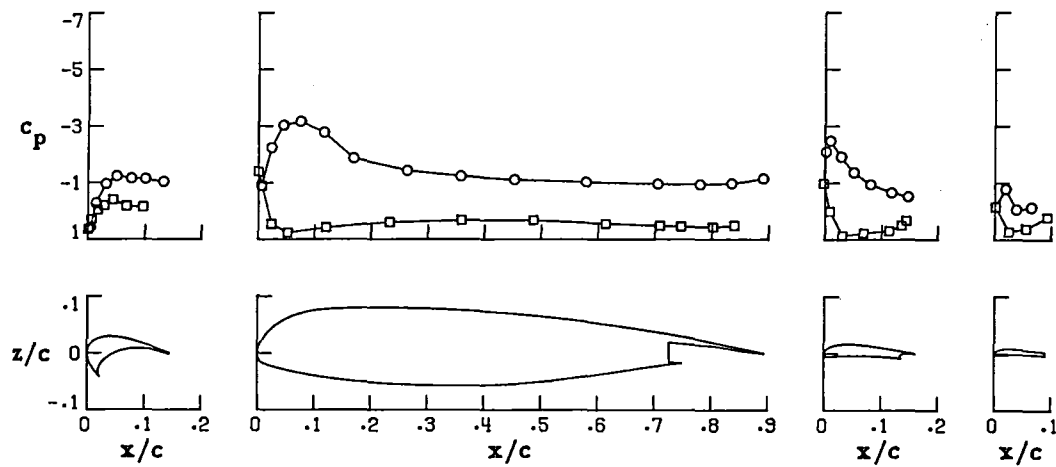
Wing Station C



Wing Station B



Wing Station A

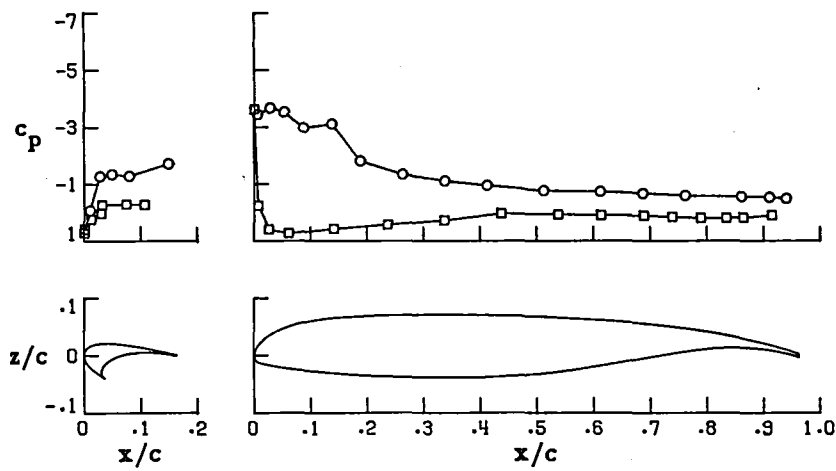


(d)  $\alpha = 8.402^\circ$

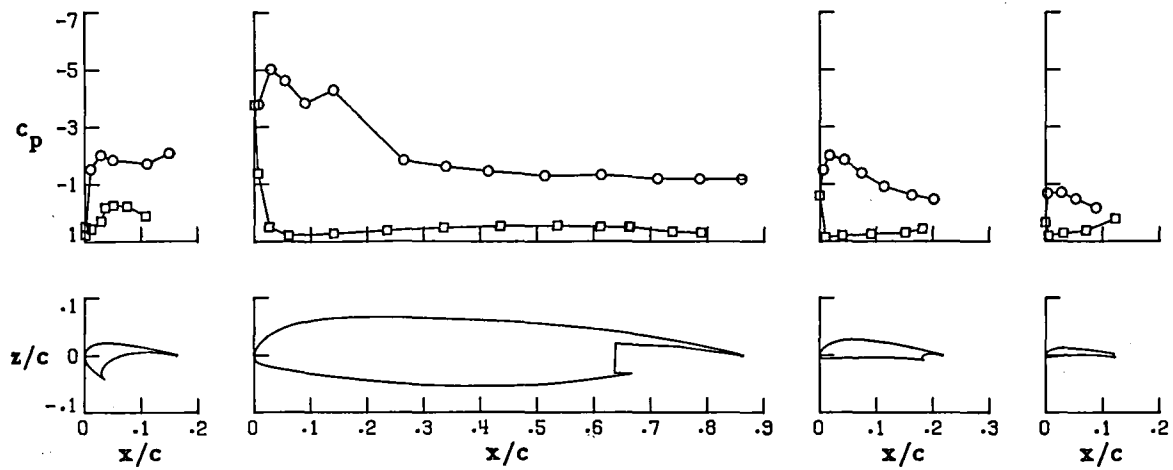
Figure 22.-Continued.

○ upper surface  
 □ lower surface

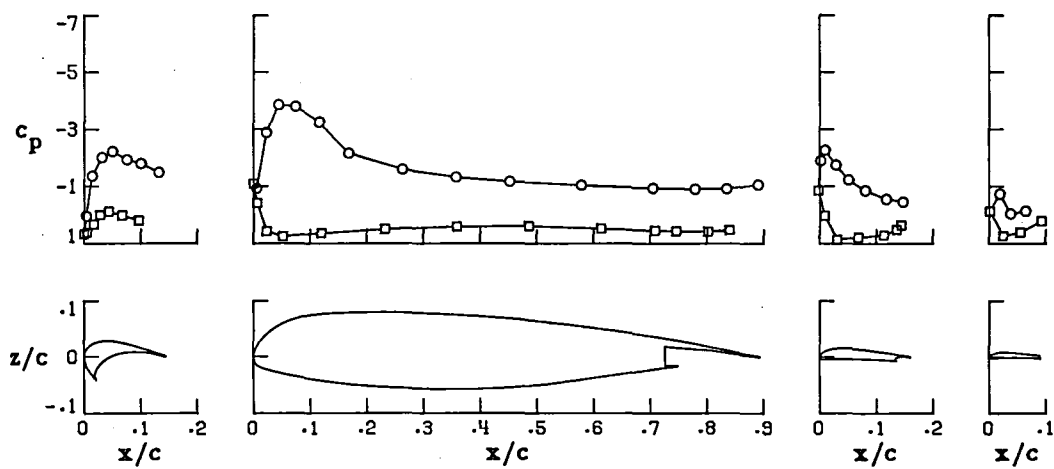
Wing Station C



Wing Station B



Wing Station A

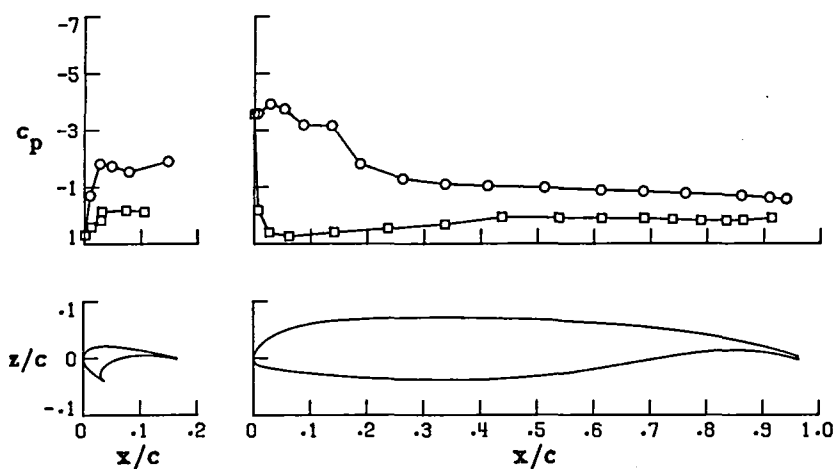


(e)  $\alpha = 12.463^\circ$

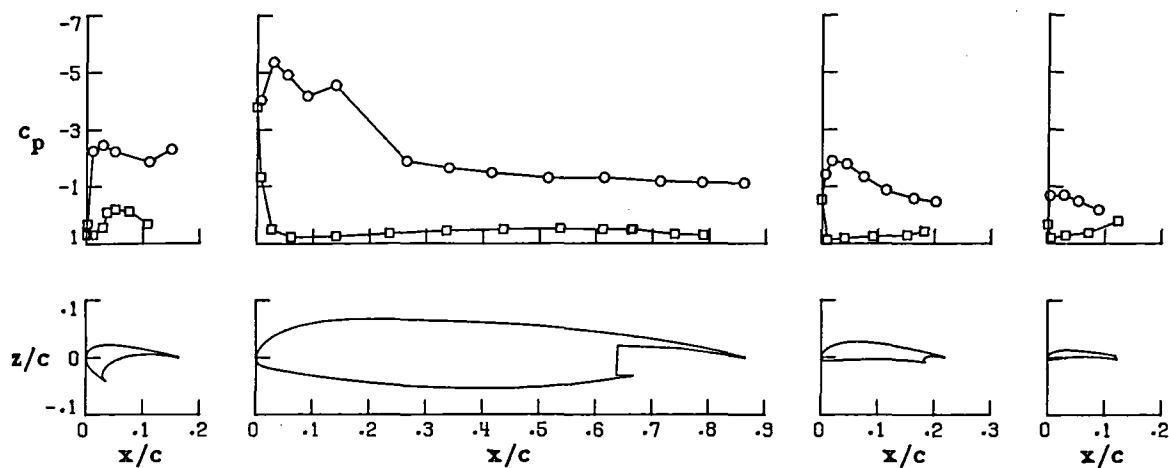
Figure 22.-Continued.

○ upper surface  
 □ lower surface

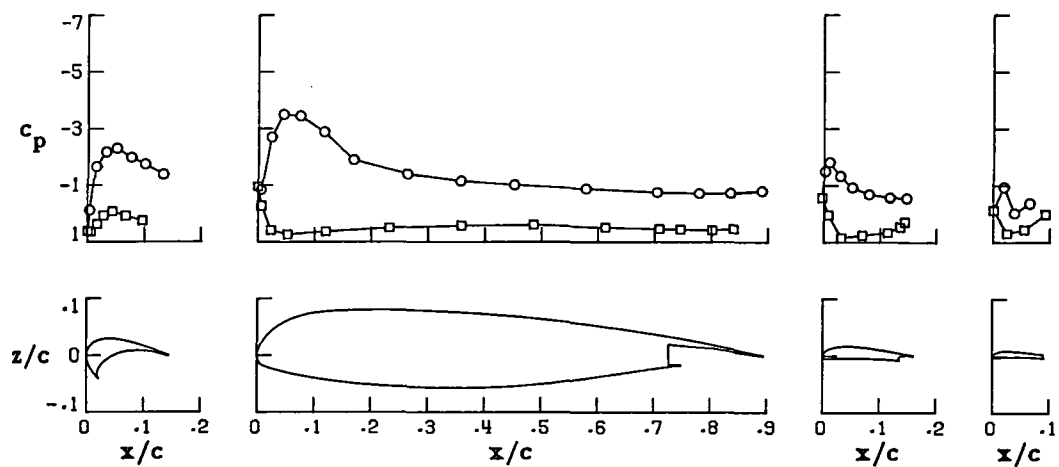
Wing Station C



Wing Station B



Wing Station A

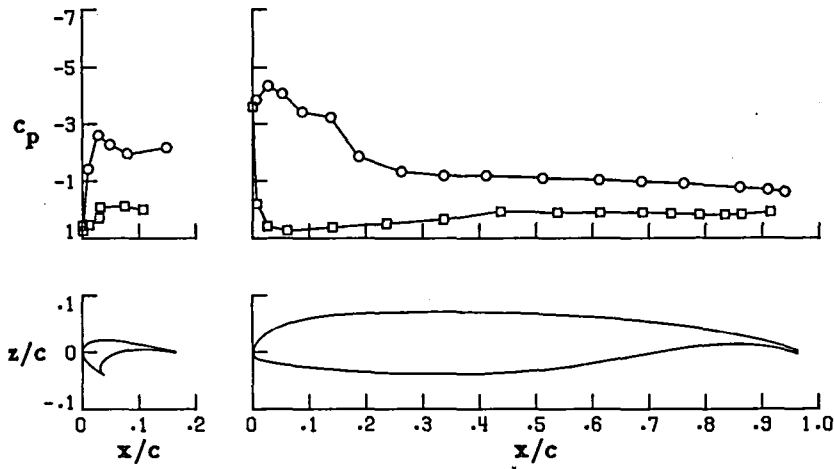


(E)  $\alpha = 14.497^\circ$

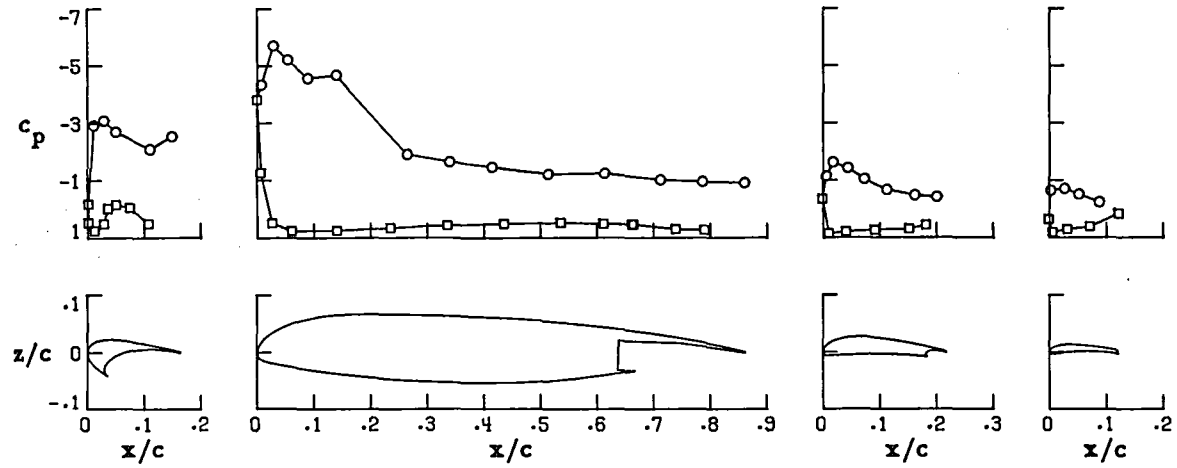
Figure 22.-Continued.

○ upper surface  
 □ lower surface

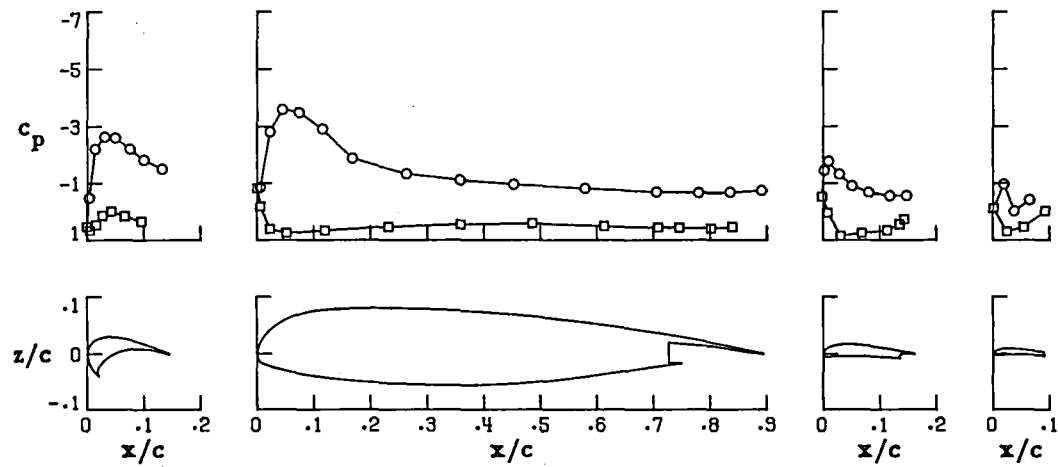
Wing Station C



Wing Station B



Wing Station A



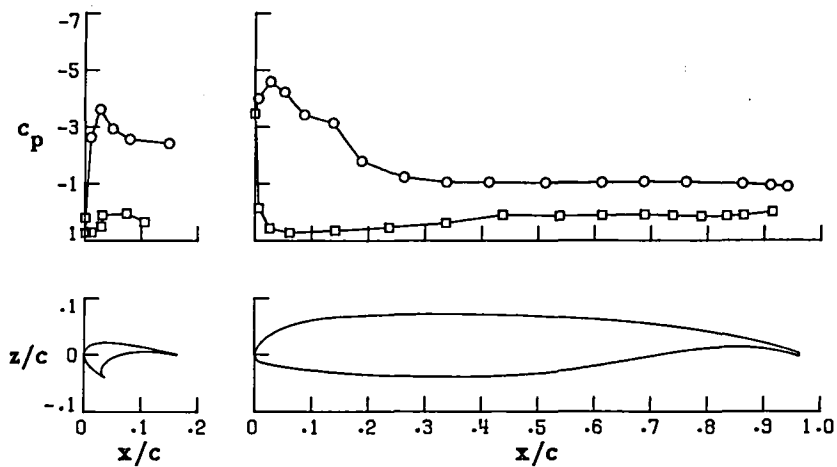
(g)  $\alpha = 16.476^\circ$

Figure 22.-Continued.

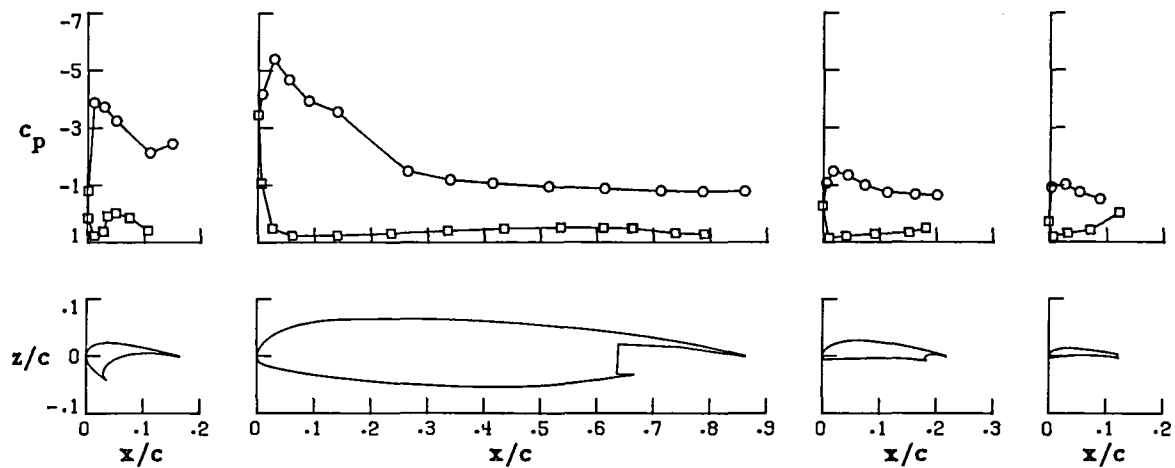


○ upper surface  
 □ lower surface

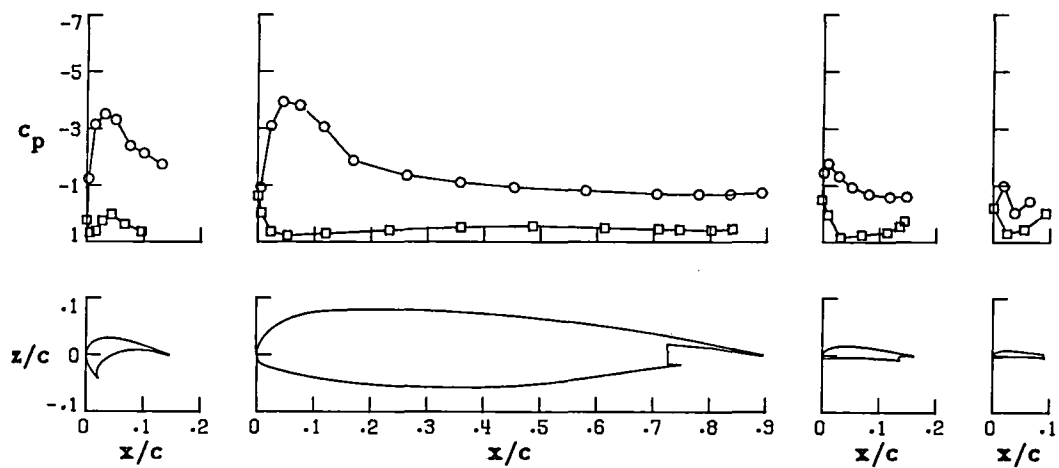
Wing Station G



Wing Station B



Wing Station A

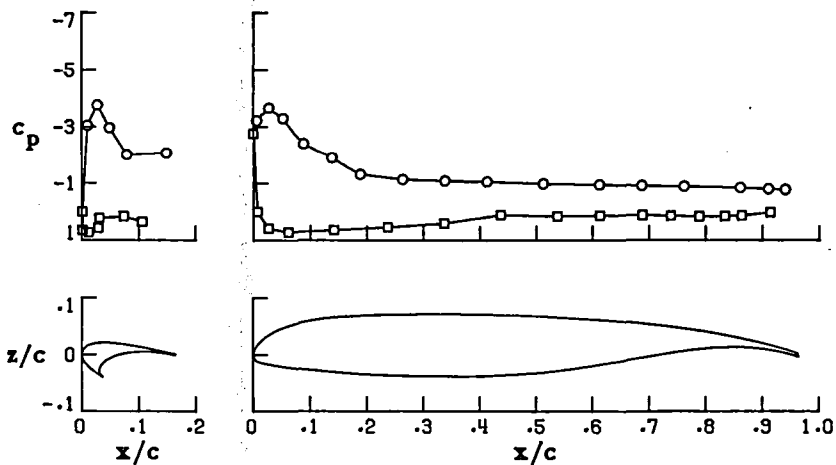


(h)  $\alpha = 20.530^\circ$

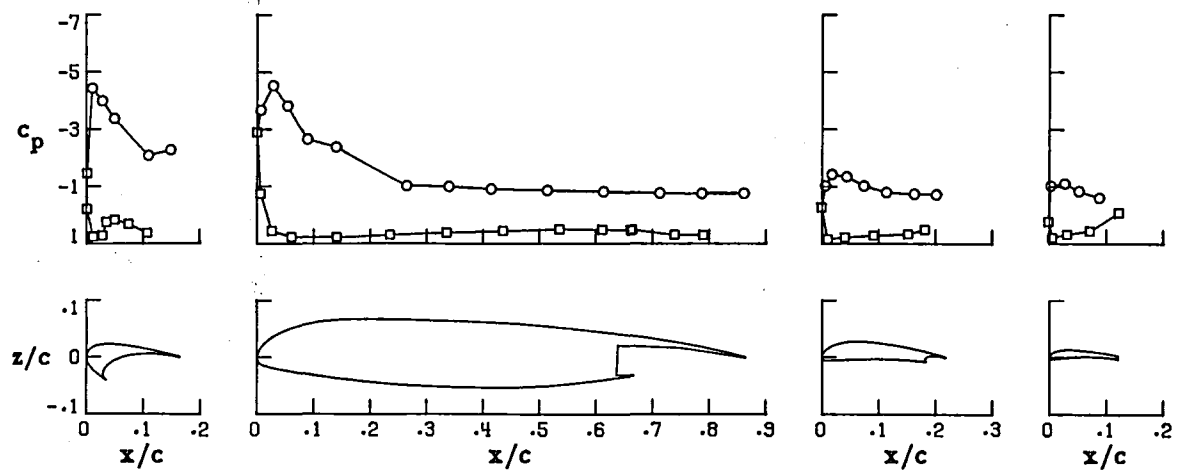
Figure 22-Continued.

○ upper surface  
 □ lower surface

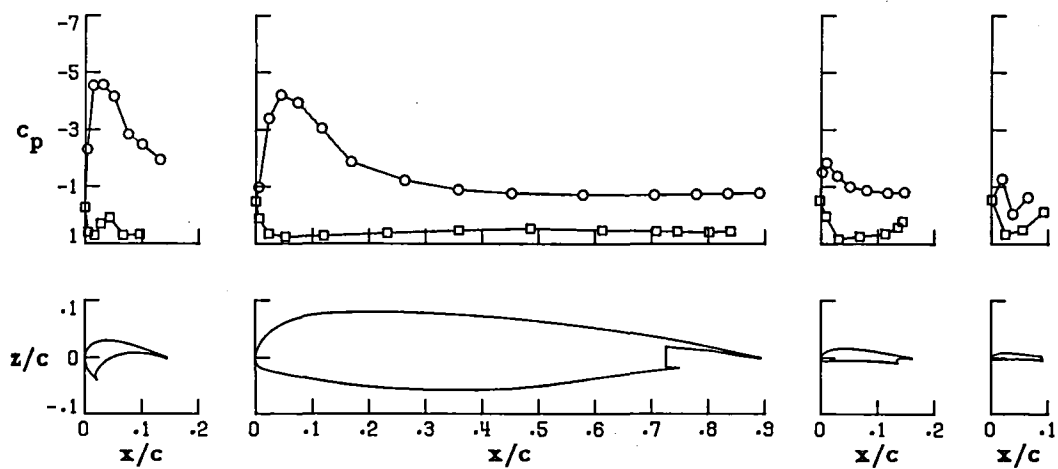
Wing Station C



Wing Station B



Wing Station A

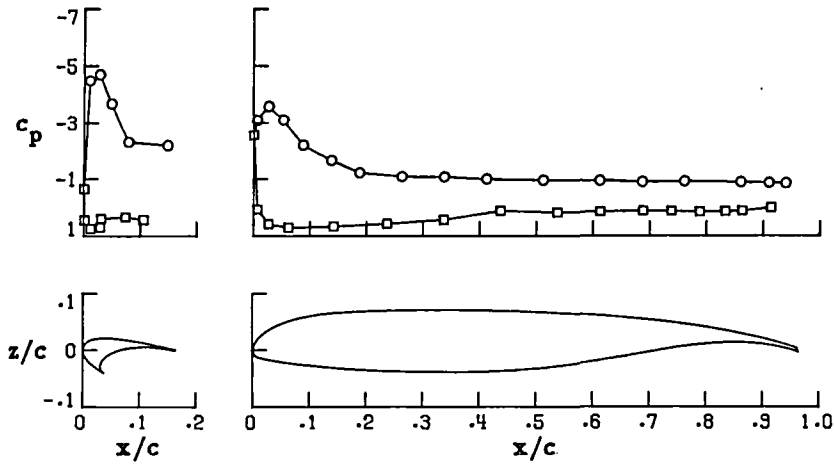


(i)  $\alpha = 24.507^\circ$

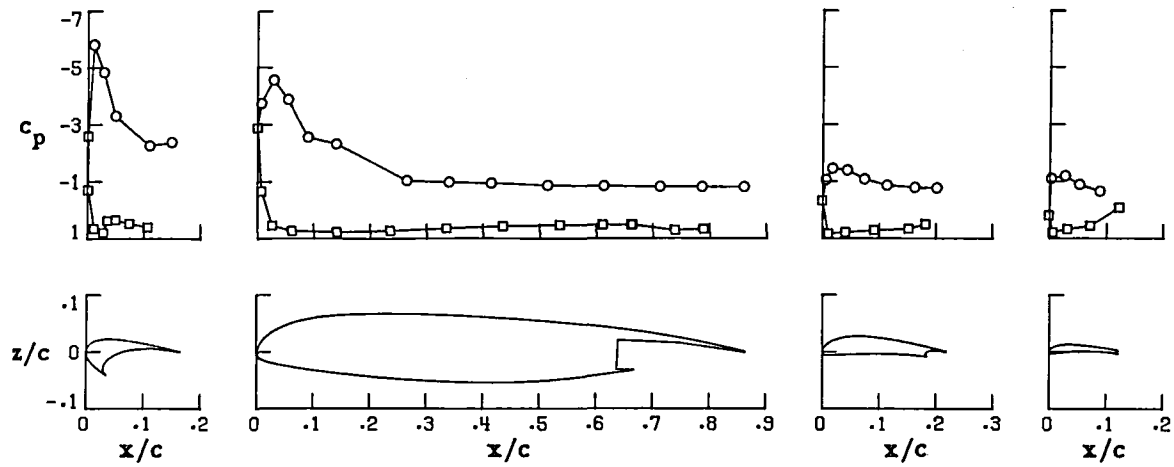
Figure 22.-Continued.

○ upper surface  
 □ lower surface

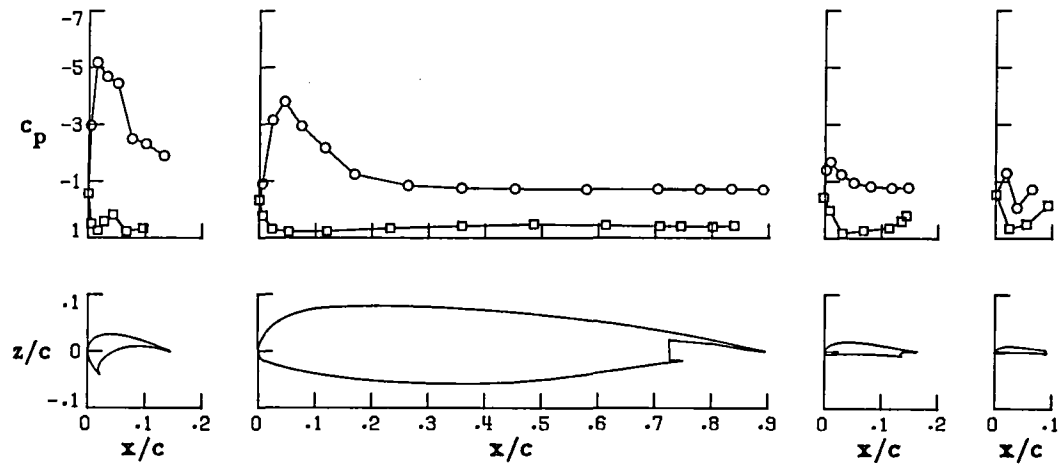
Wing Station C



Wing Station B



Wing Station A

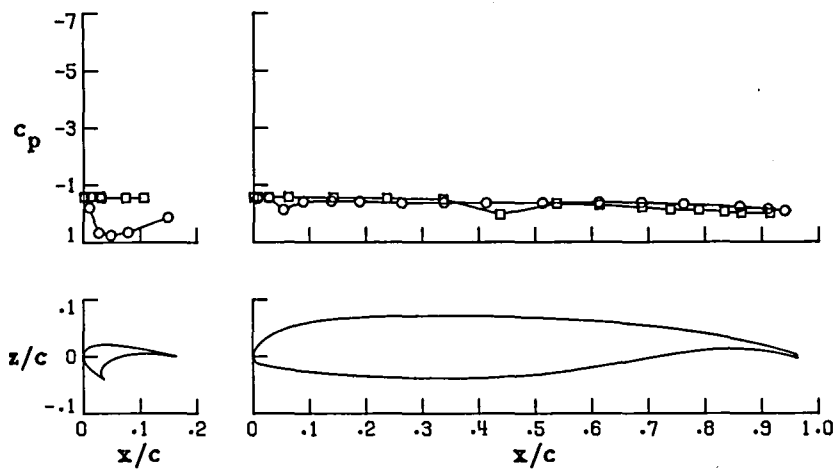


(j)  $\alpha = 28.535^\circ$

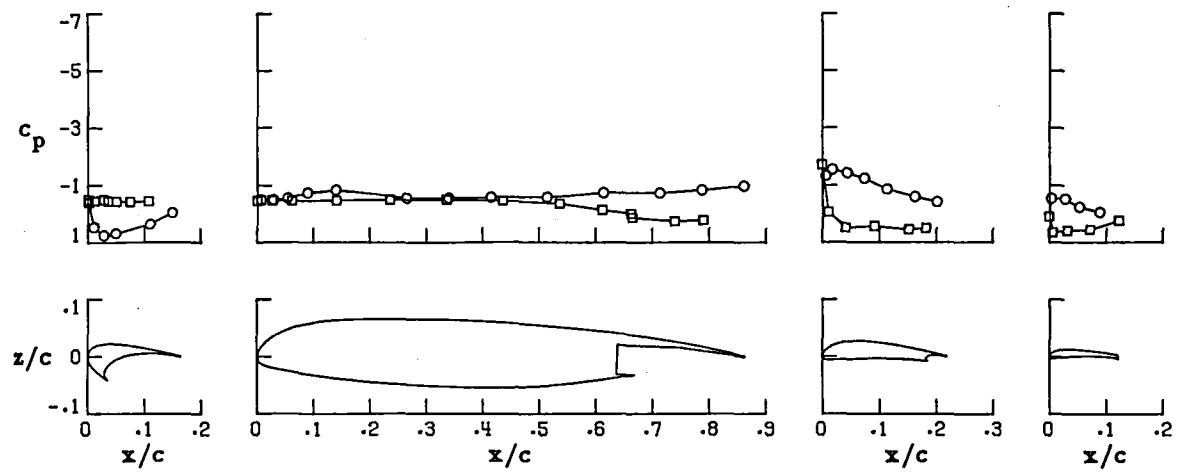
Figure 22.-Concluded.

○ upper surface  
 □ lower surface

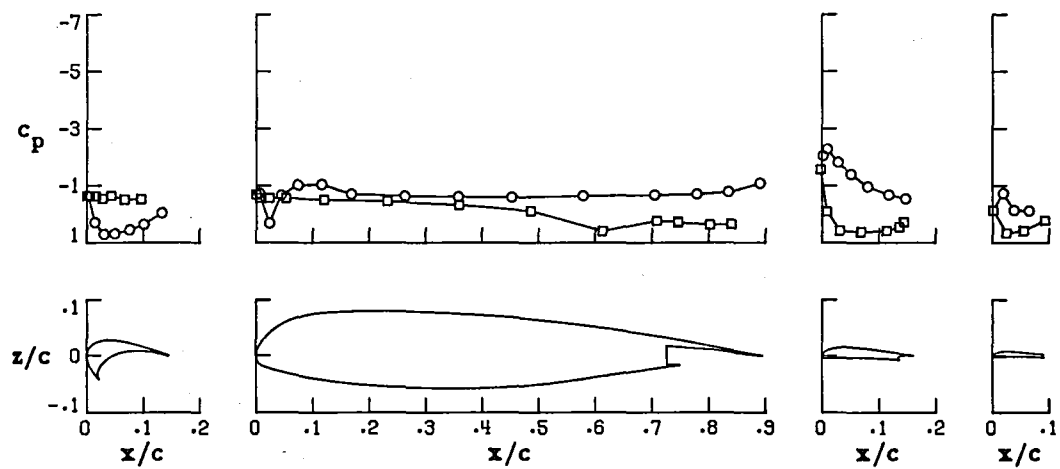
Wing Station C



Wing Station B



Wing Station A

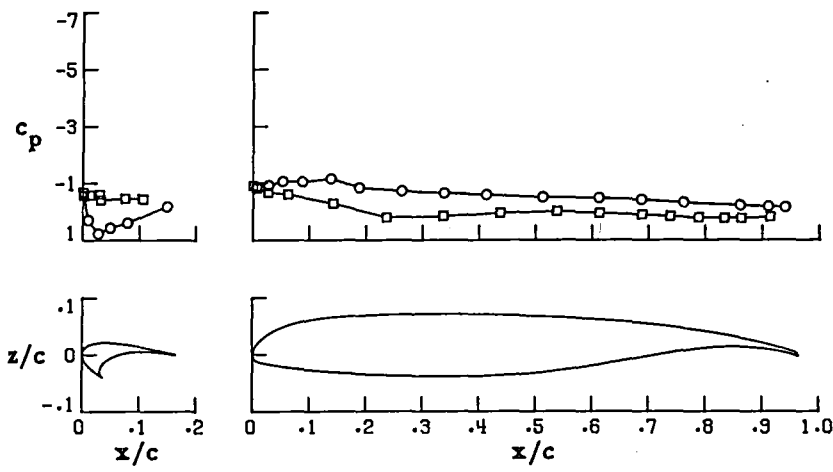


(a)  $\alpha = -3.905^\circ$

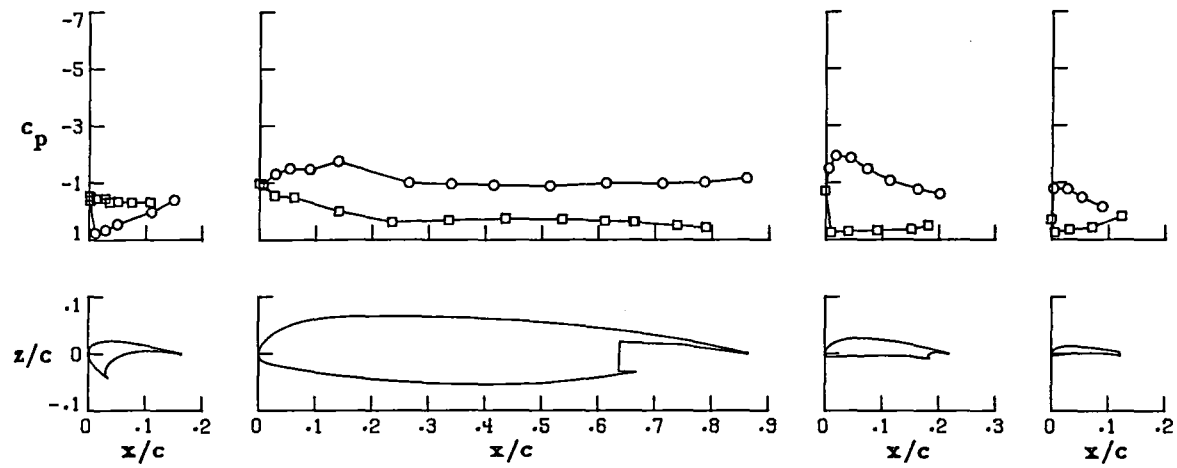
Figure 23. - Pressure distributions for aspect-ratio-10,  $45^\circ$  landing flap wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 37)

○ upper surface  
 □ lower surface

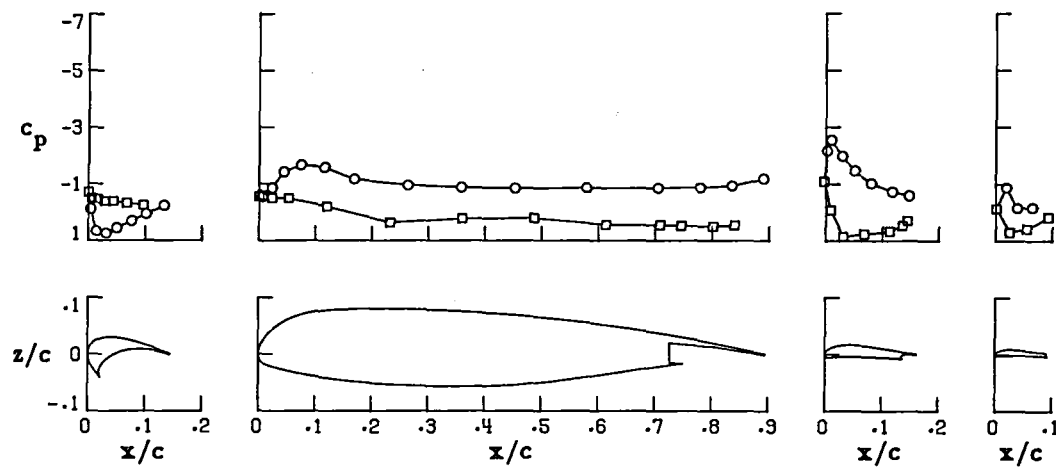
Wing Station C



Wing Station B



Wing Station A

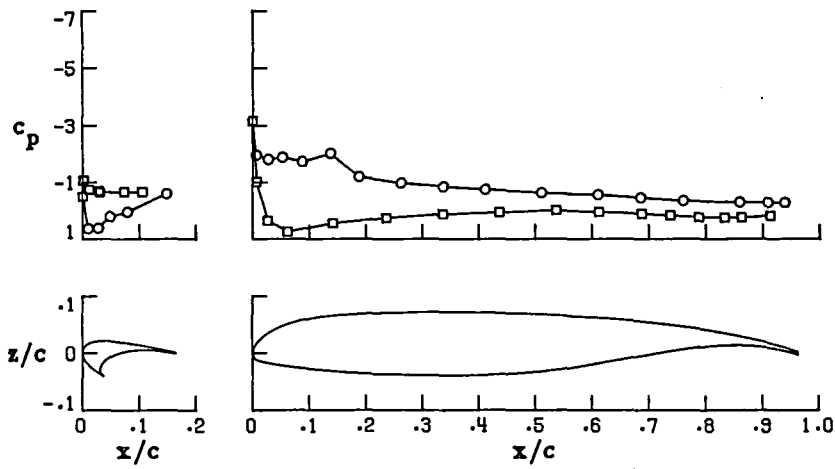


(b)  $\alpha = .201^\circ$

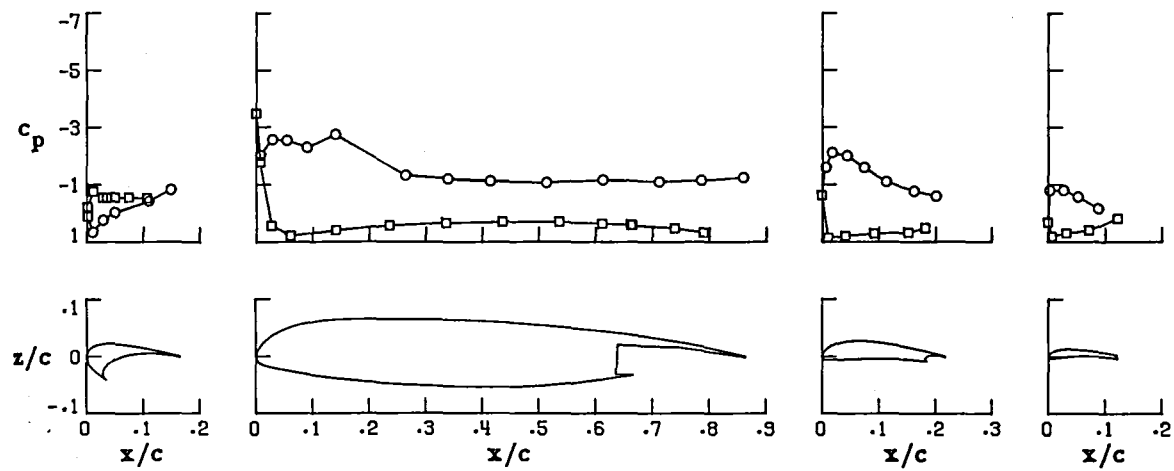
Figure 23.-Continued.

○ upper surface  
 □ lower surface

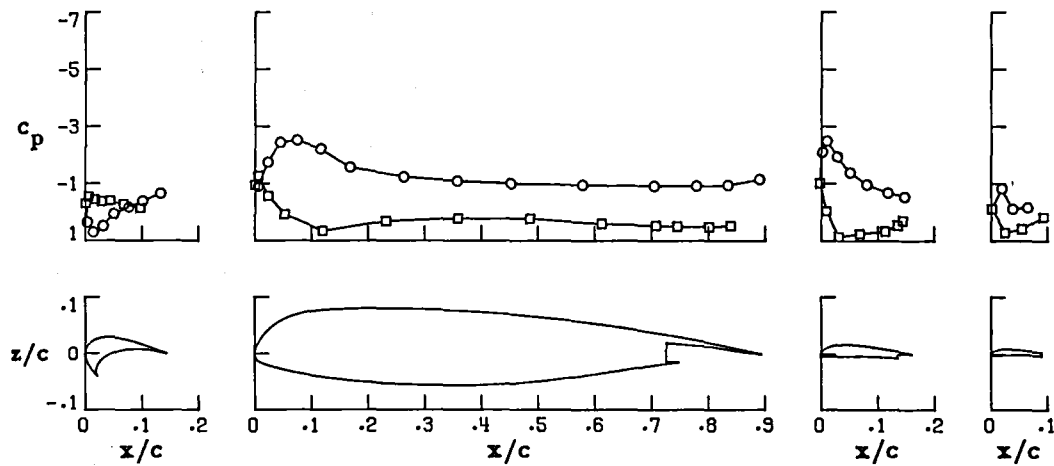
Wing Station C



Wing Station B



Wing Station A

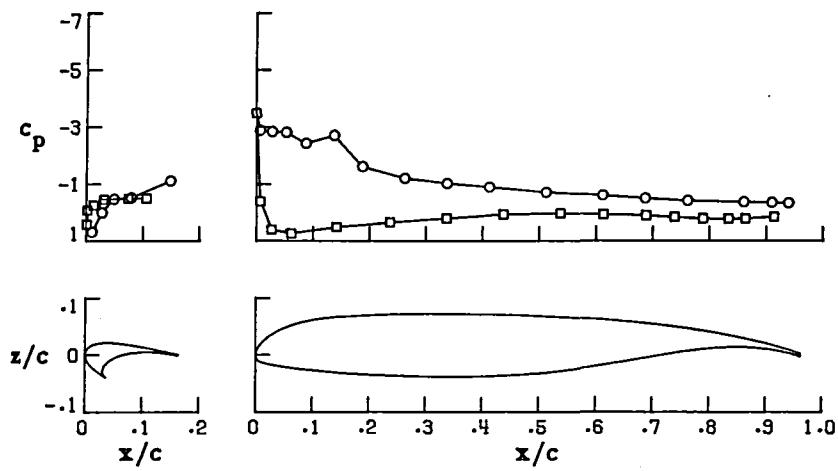


(c)  $\alpha = 4.284^\circ$

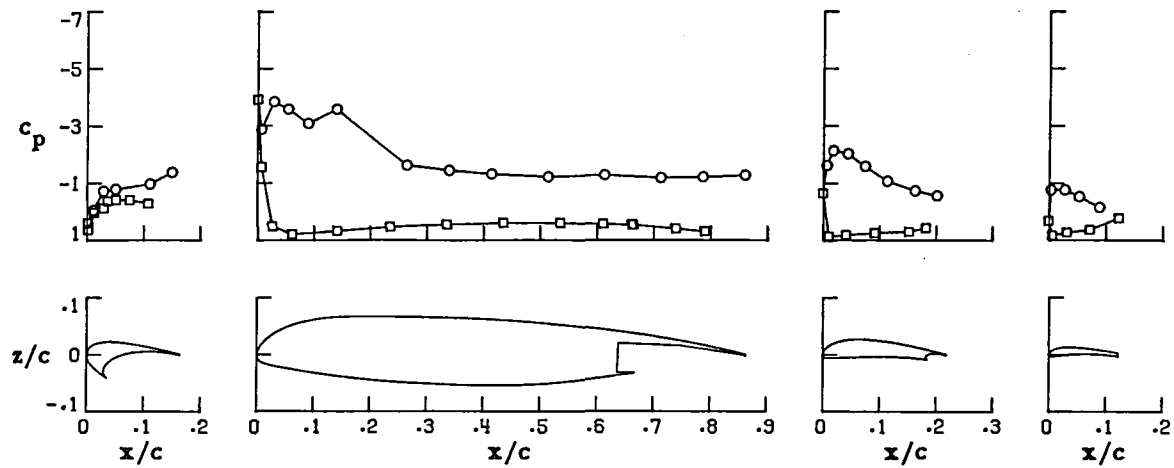
Figure 23.-Continued.

○ upper surface  
 □ lower surface

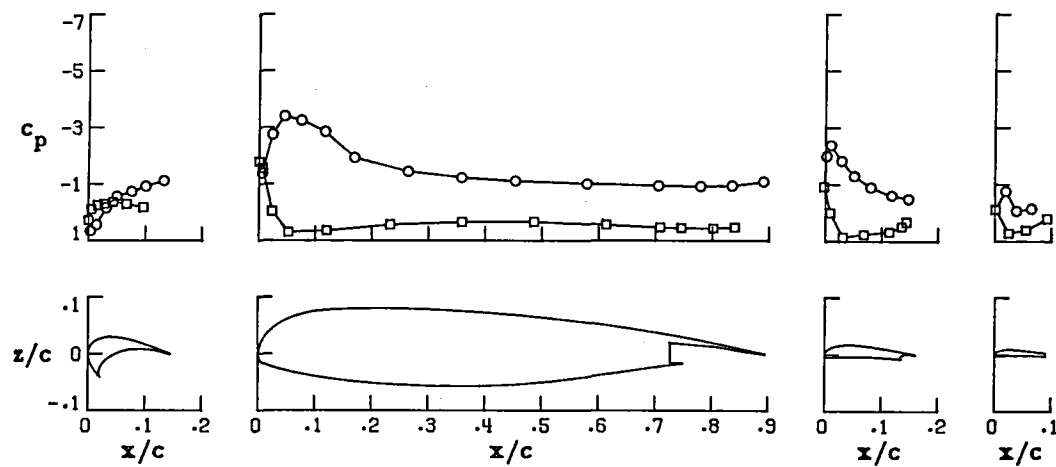
Wing Station C



Wing Station B



Wing Station A

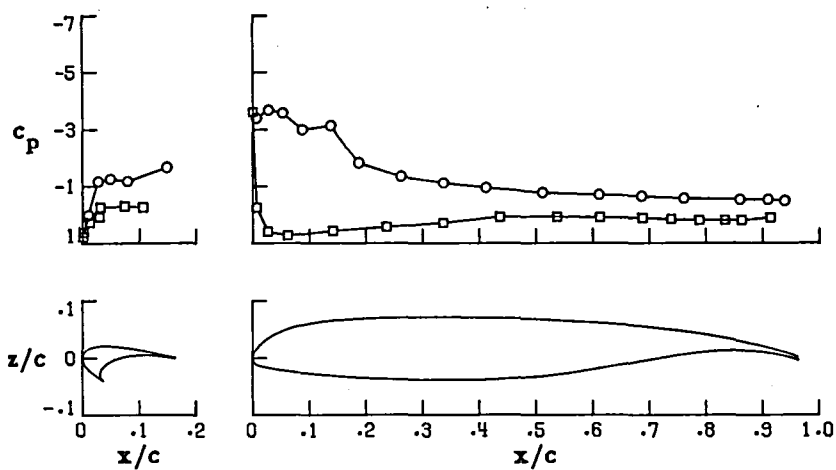


(d)  $\alpha = 8.947^\circ$

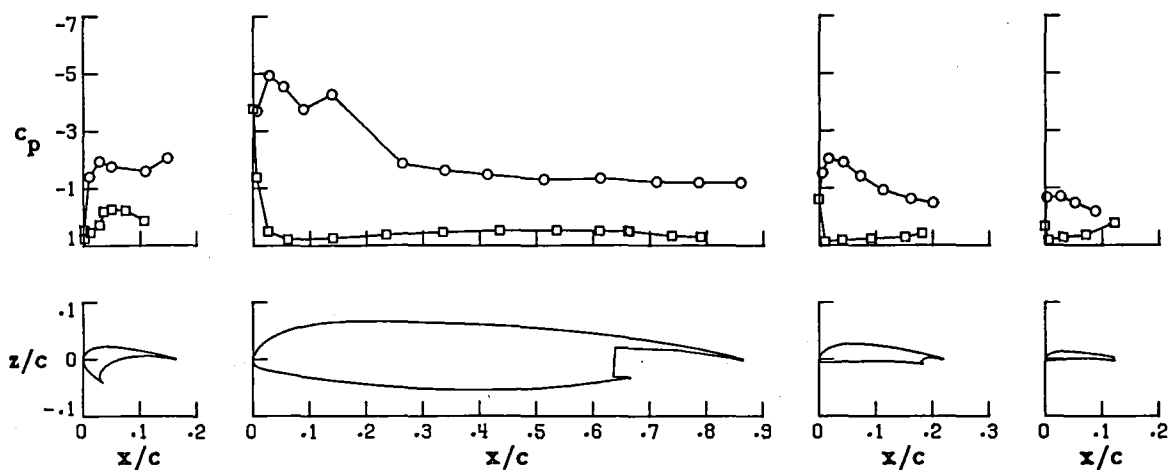
Figure 23.-Continued.

○ upper surface  
 □ lower surface

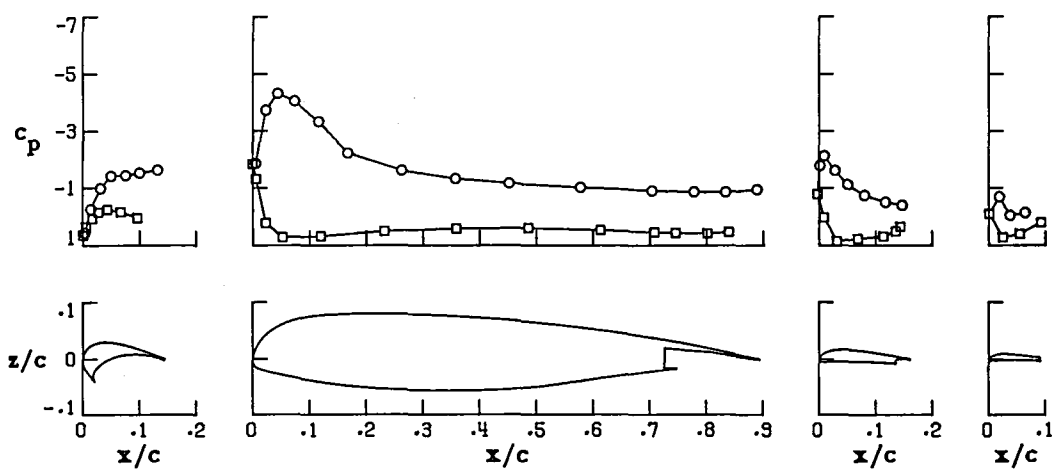
Wing Station C



Wing Station B



Wing Station A



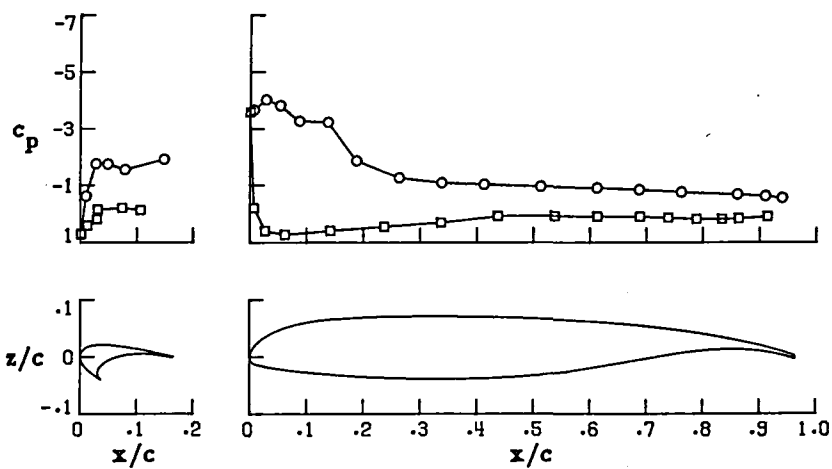
(e)  $\alpha = 12.364^\circ$

Figure 23.-Continued.

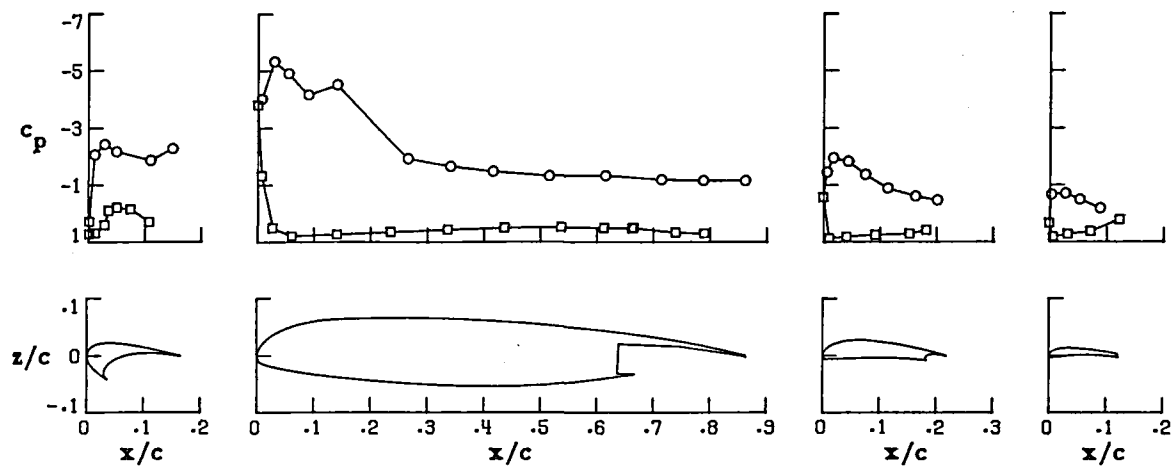


○ upper surface  
 □ lower surface

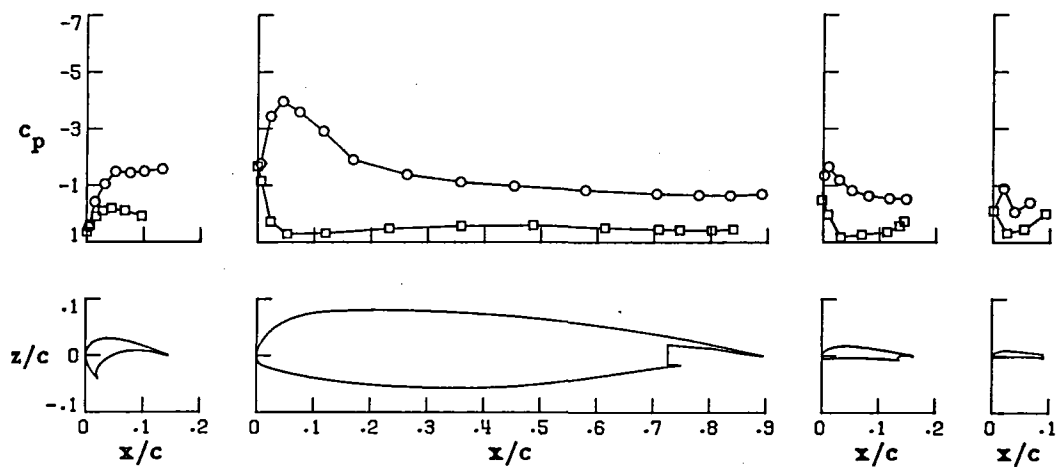
Wing Station C



Wing Station B



Wing Station A

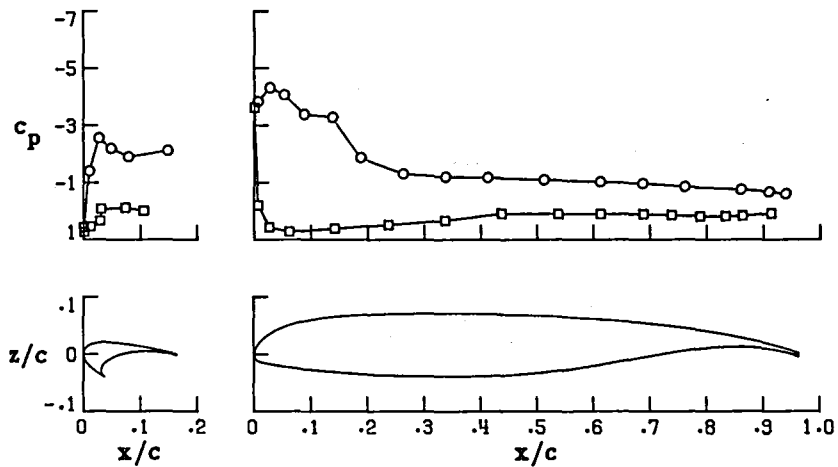


(f)  $\alpha = 14.412^\circ$

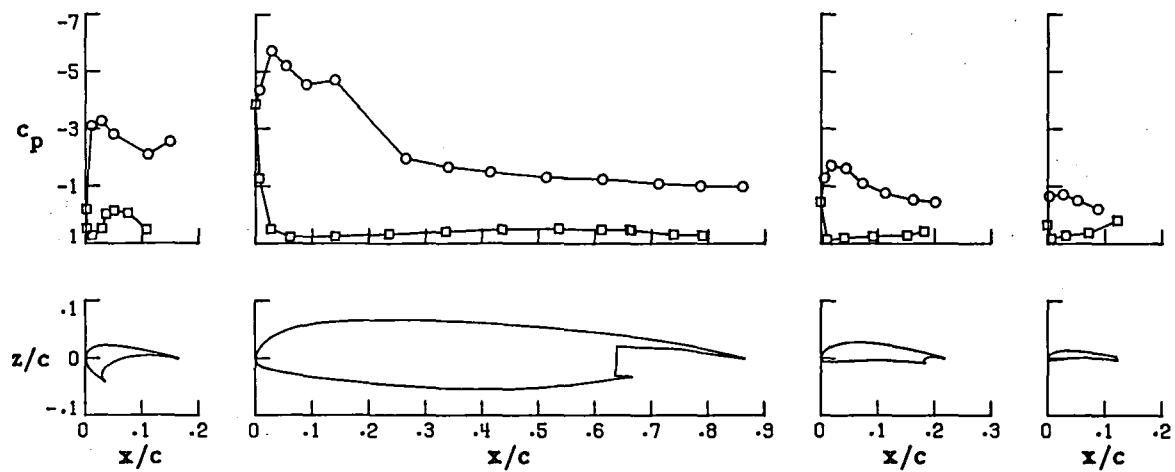
Figure 23.-Continued.

○ upper surface  
 □ lower surface

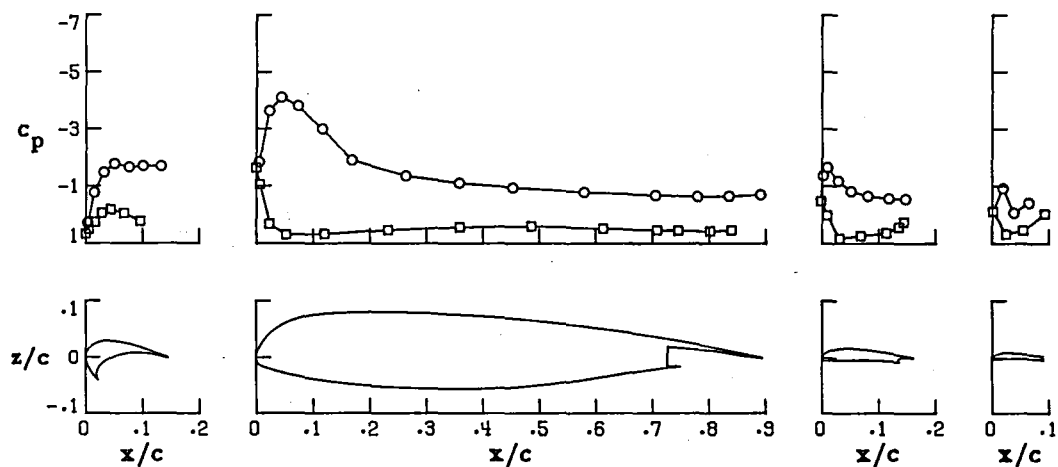
Wing Station C



Wing Station B



Wing Station A

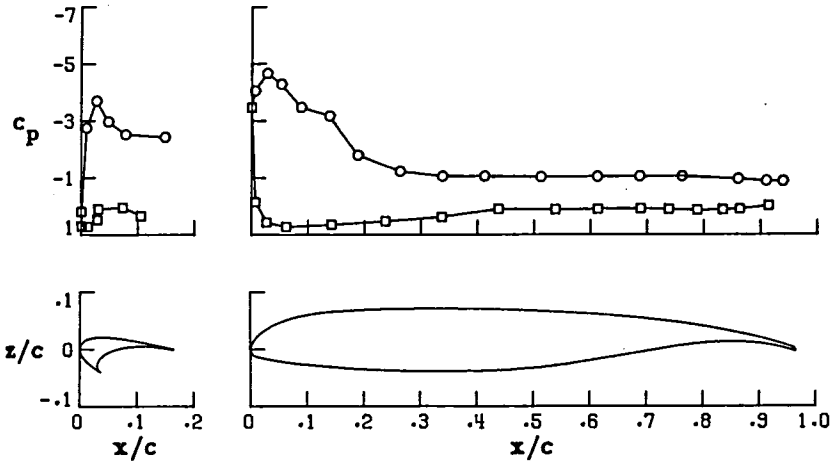


(g)  $\alpha = 16.455^\circ$

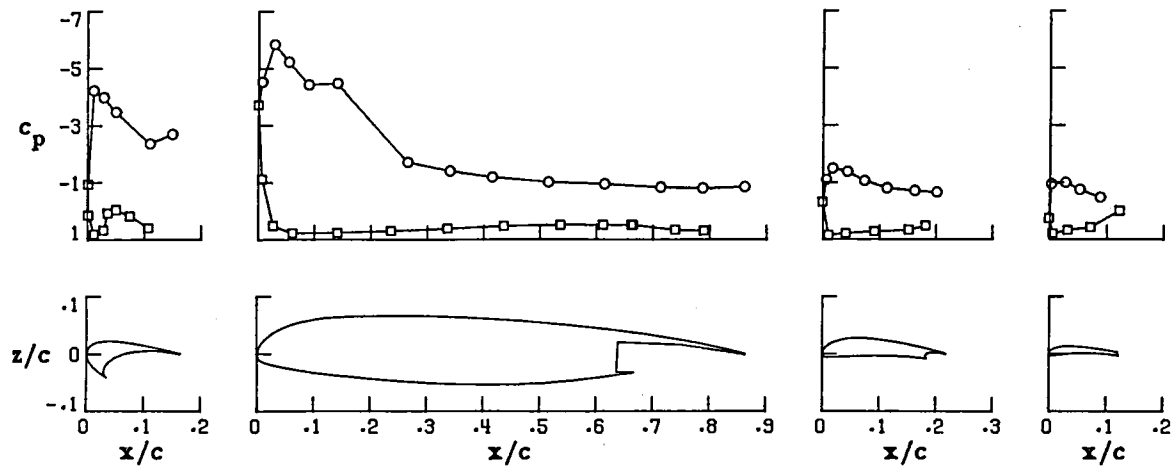
Figure 29.-Continued.

○ upper surface  
 □ lower surface

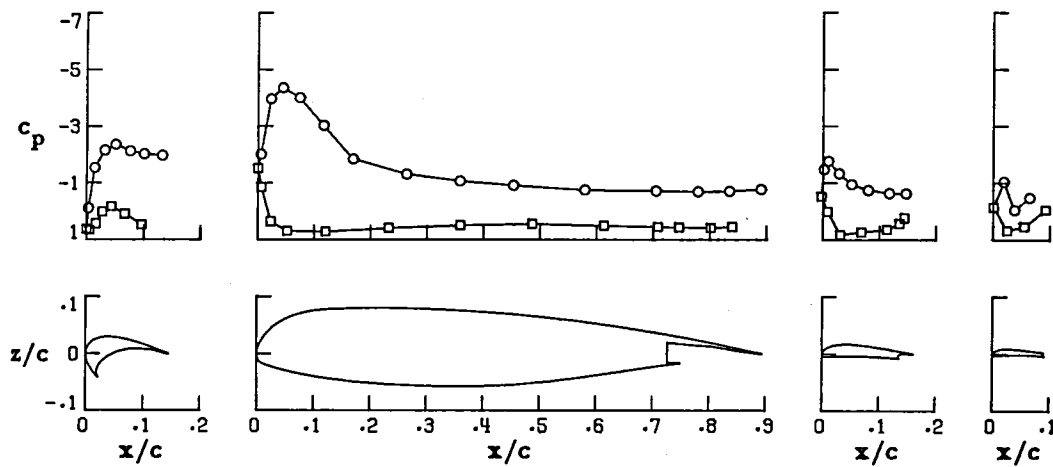
Wing Station C



Wing Station B



Wing Station A

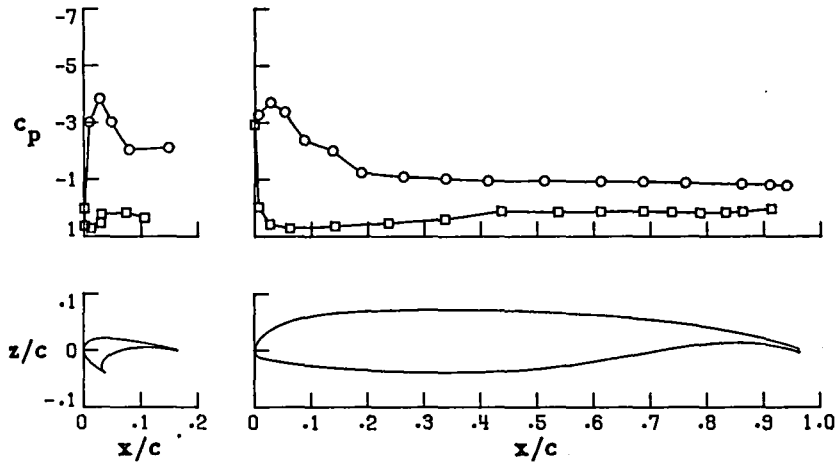


(h)  $\alpha = 20.496^\circ$

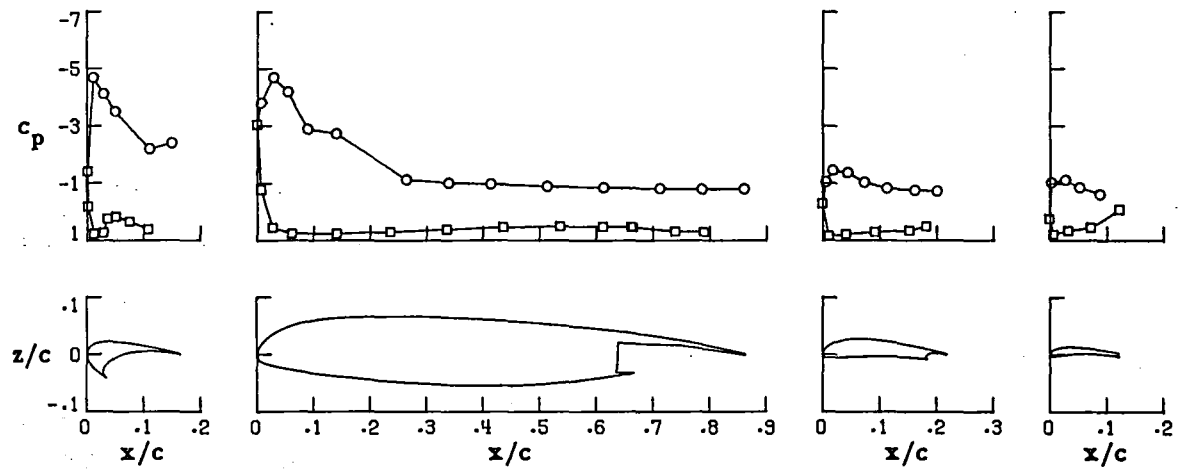
Figure 28.-Continued.

○ upper surface  
 □ lower surface

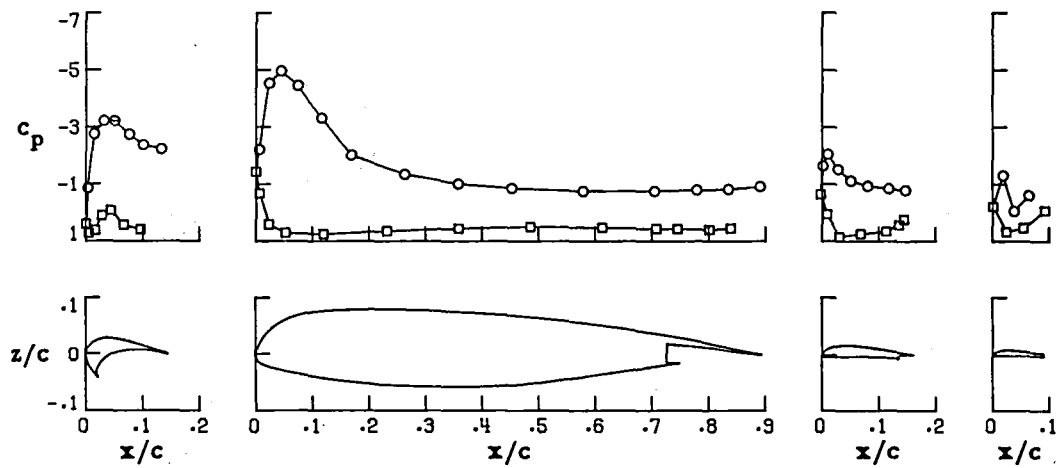
Wing Station C



Wing Station B



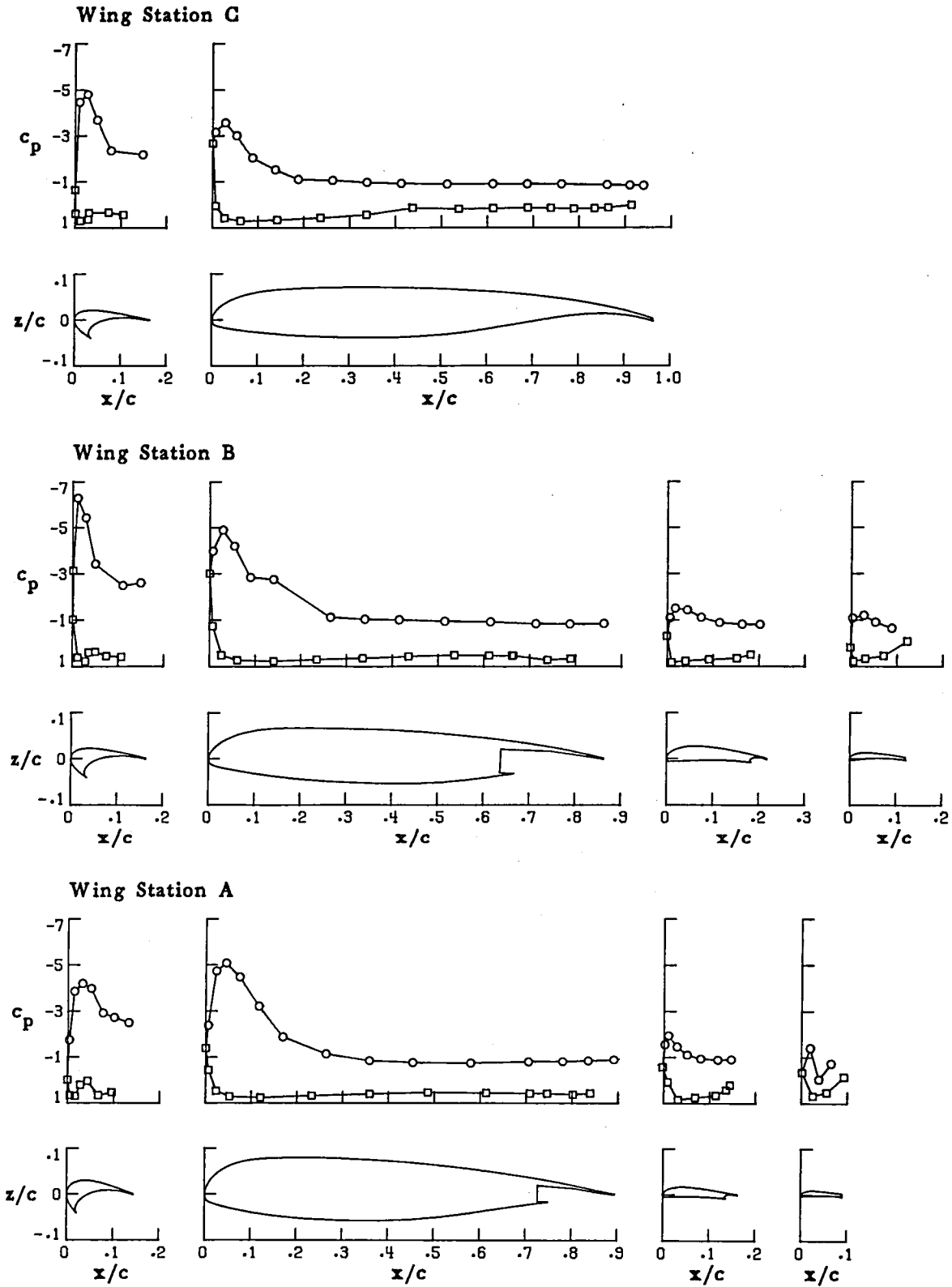
Wing Station A



(i)  $\alpha = 24.523^\circ$

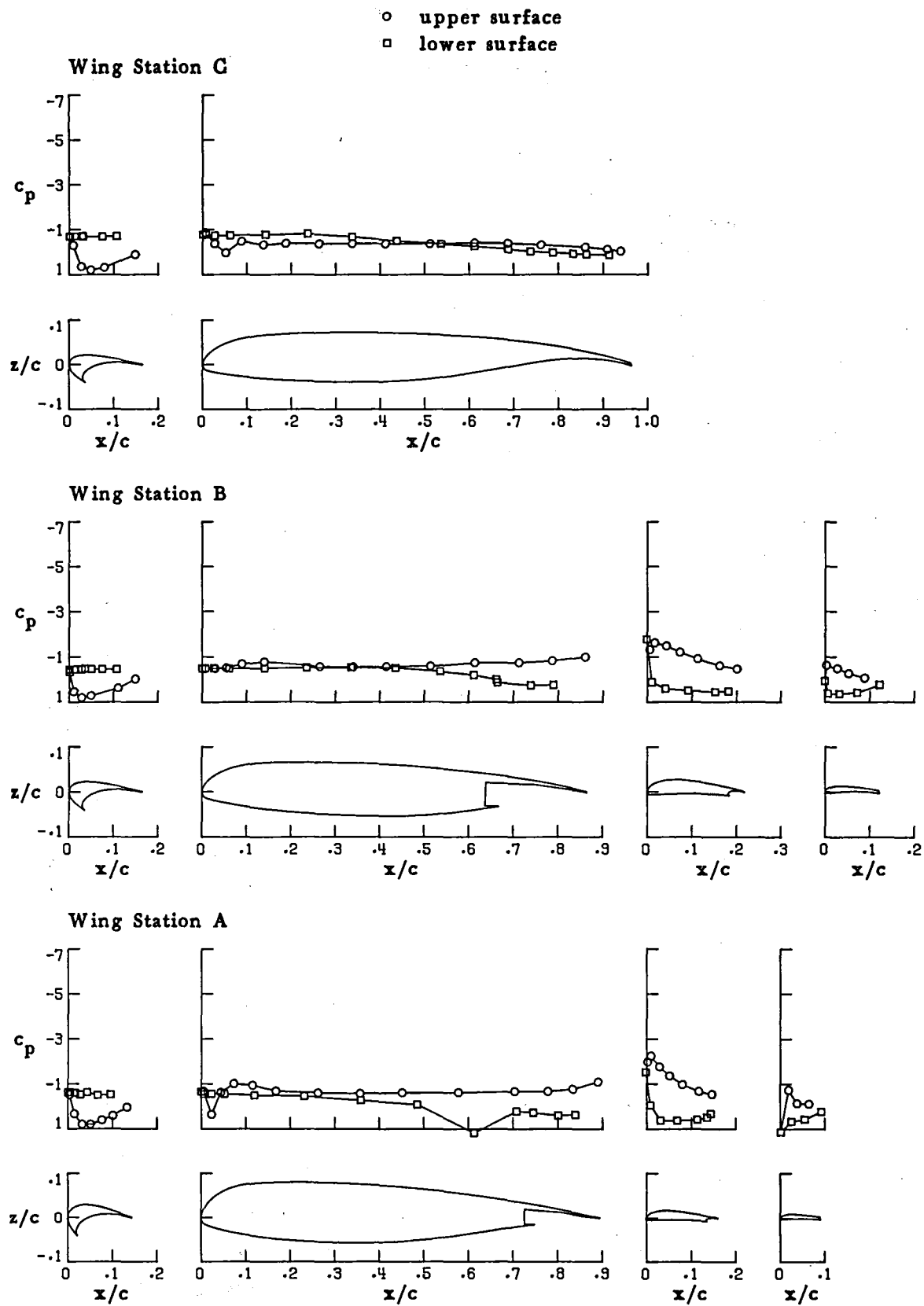
Figure 28.-Continued.

○ upper surface  
 □ lower surface



(j)  $\alpha = 28.550^\circ$

Figure 23.-Concluded.

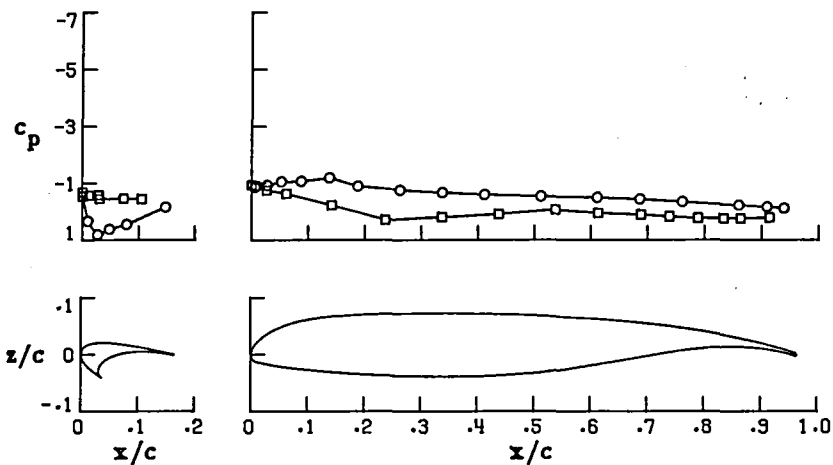


(a)  $\alpha = -3.900^\circ$

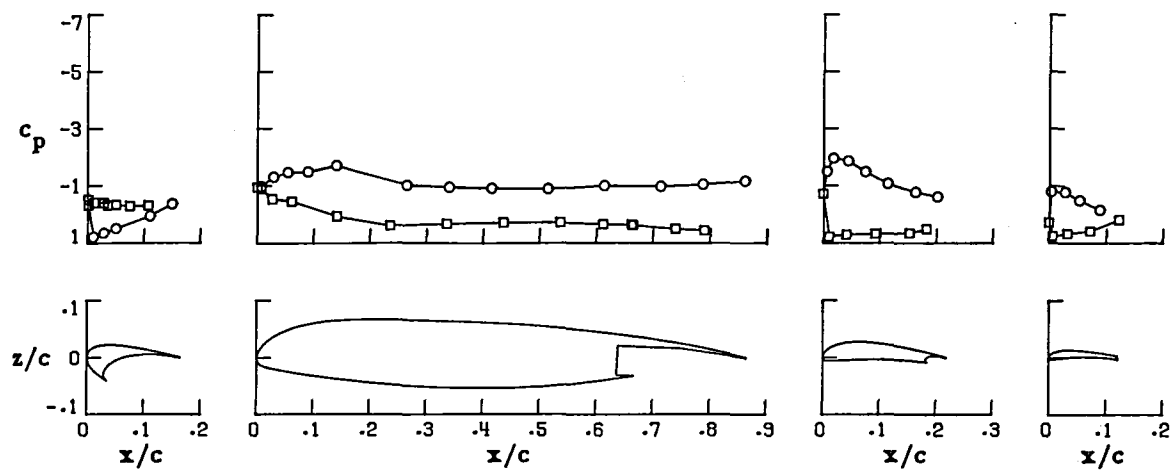
Figure 24. - Pressure distributions for aspect-ratio-12,  $45^\circ$  landing flap wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 46)

○ upper surface  
 □ lower surface

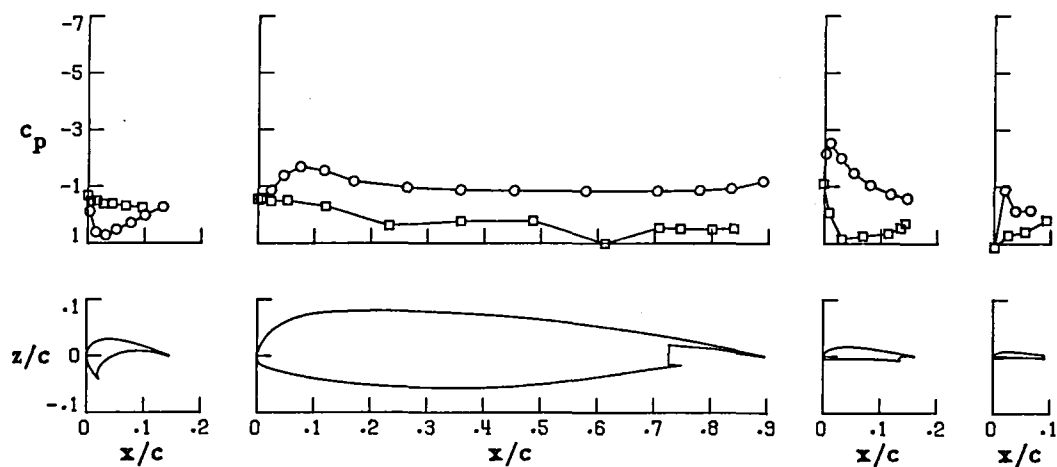
Wing Station C



Wing Station B



Wing Station A

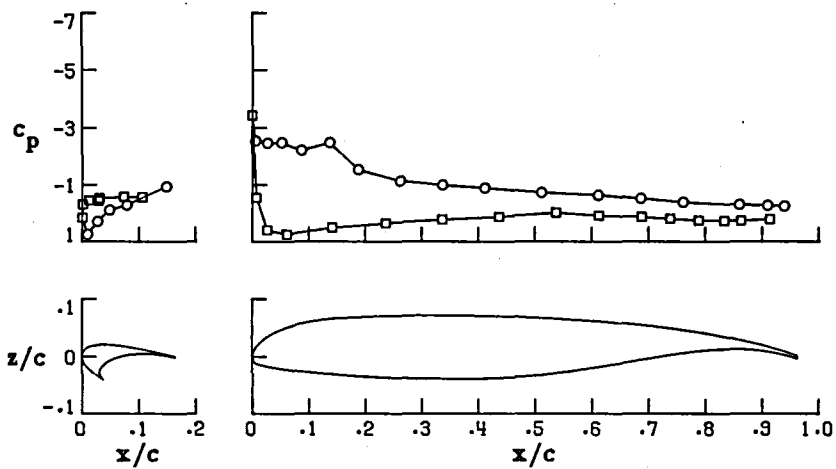


(b)  $\alpha = .204^\circ$

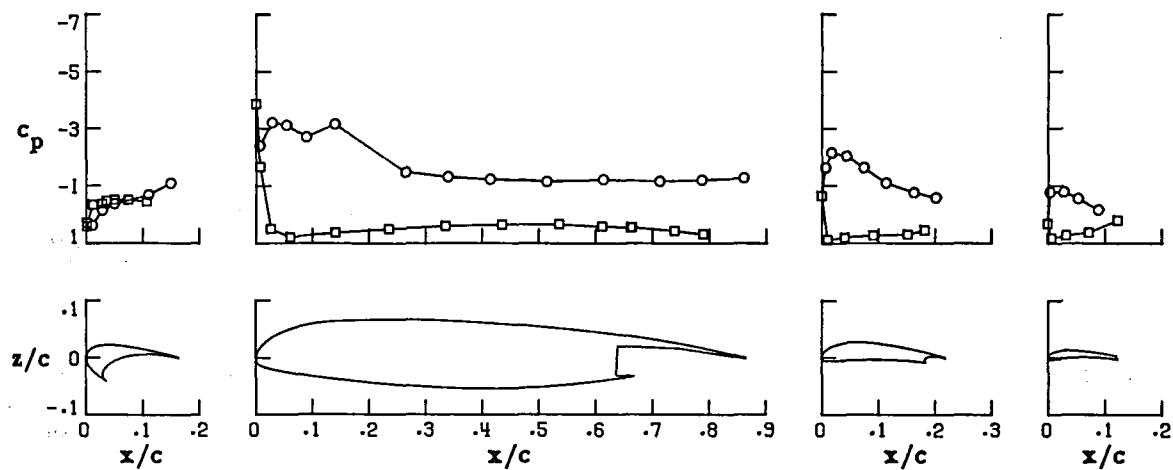
Figure 24.-Continued.

○ upper surface  
 □ lower surface

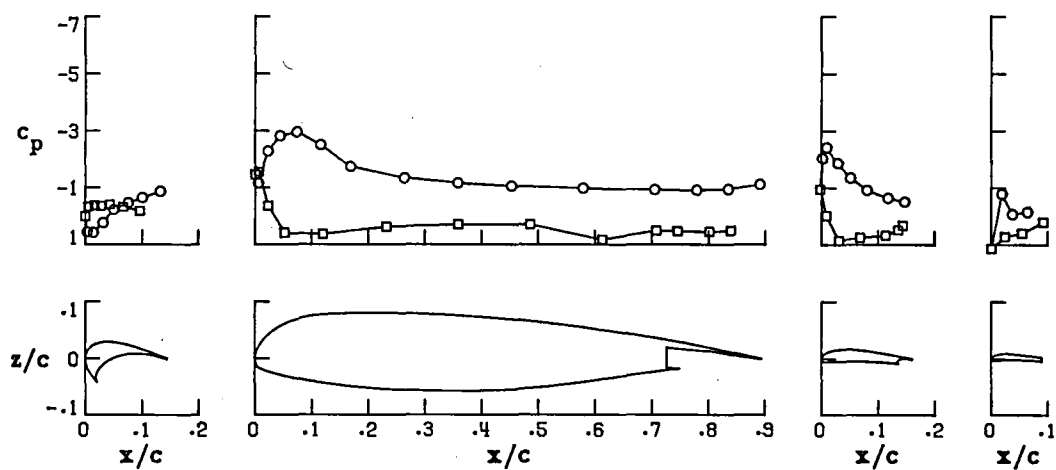
Wing Station C



Wing Station B



Wing Station A



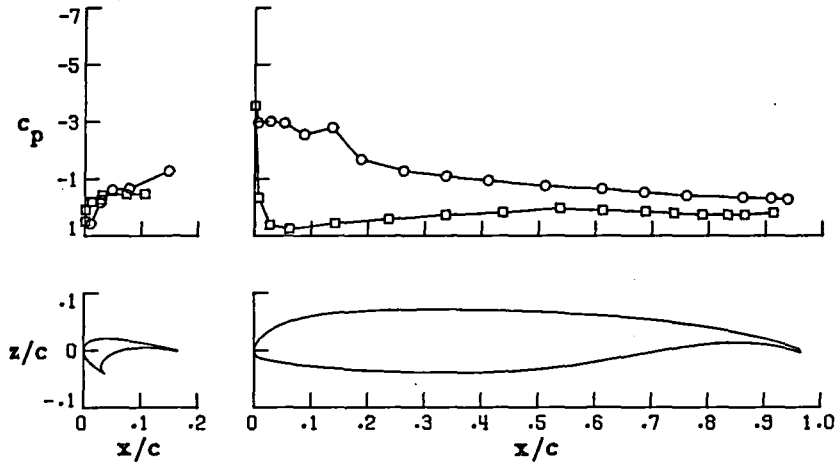
(c)  $\alpha = 6.246^\circ$

Figure 24.-Continued.

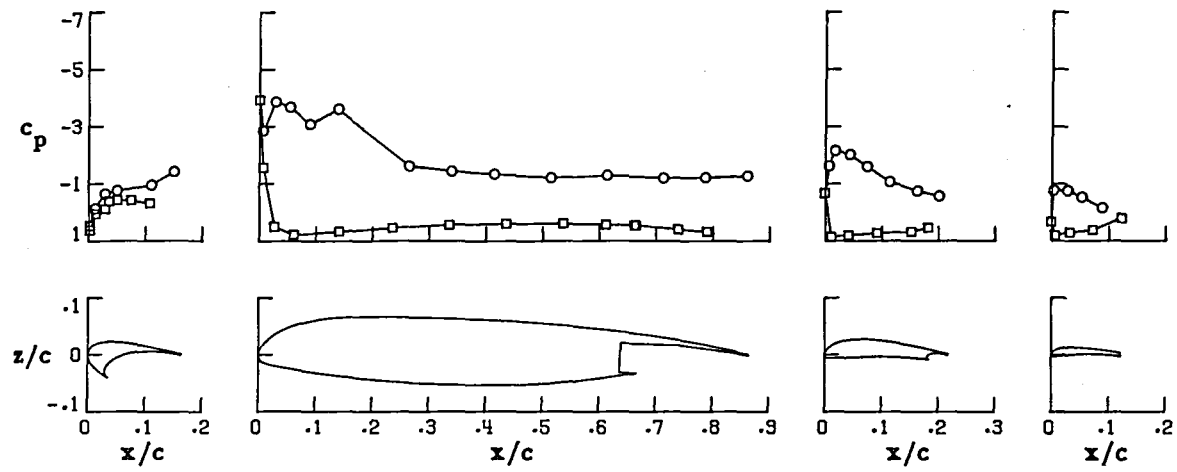


○ upper surface  
 □ lower surface

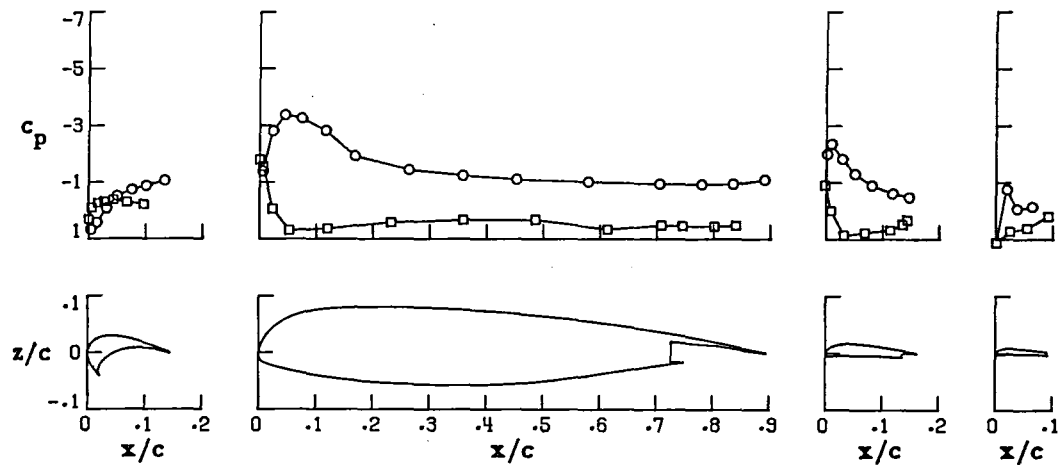
Wing Station C



Wing Station B



Wing Station A

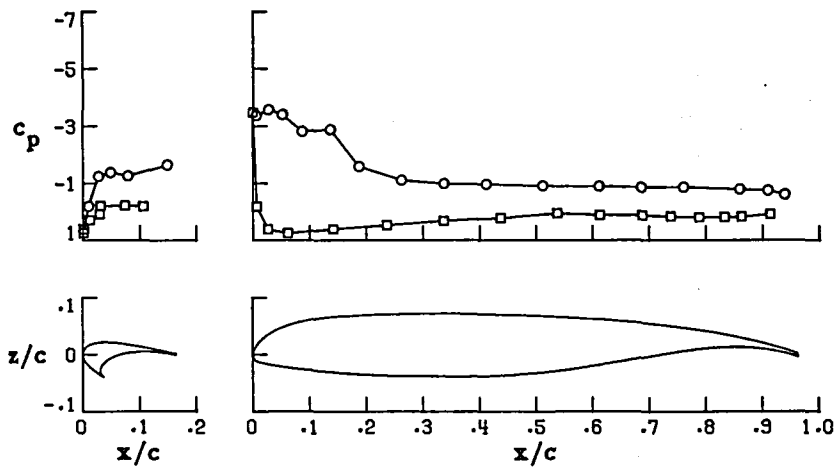


(d)  $\alpha = 8.271^\circ$

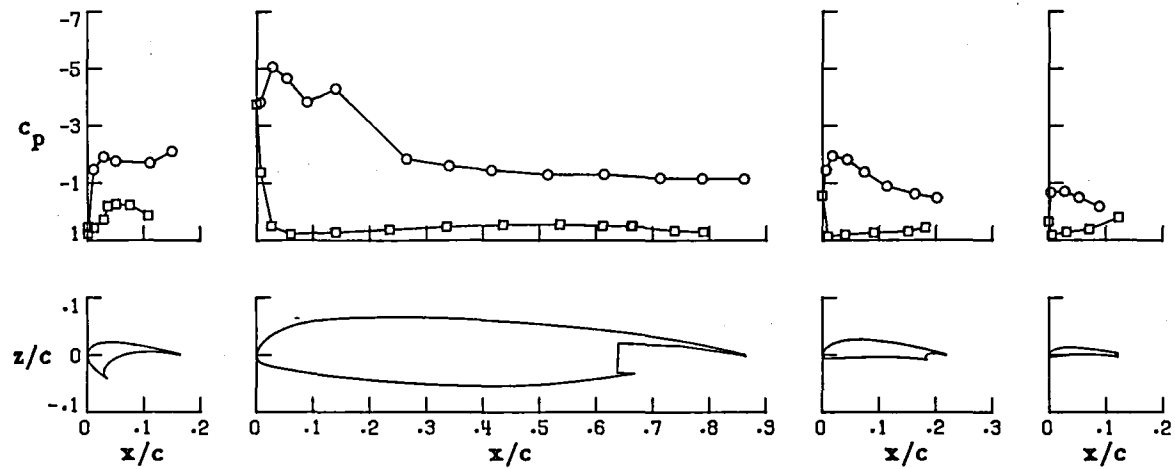
Figure 24.-Continued.

○ upper surface  
 □ lower surface

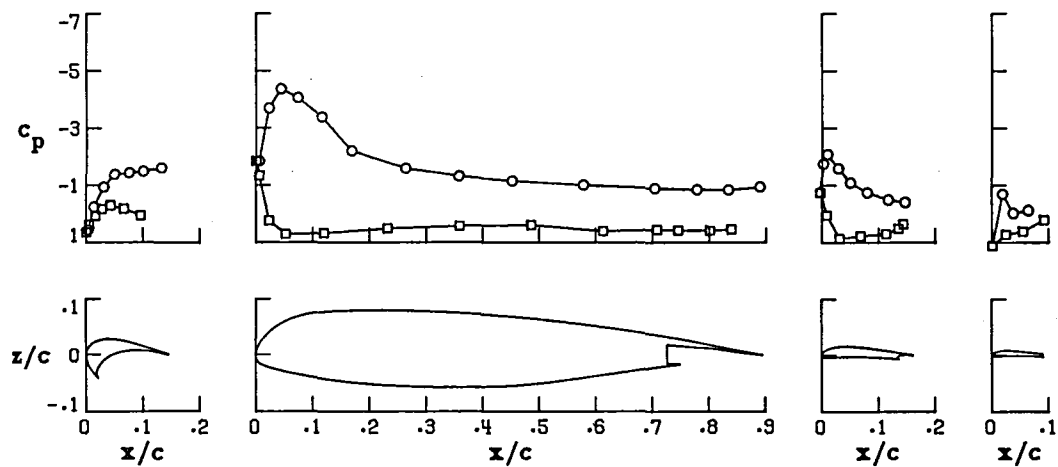
Wing Station C



Wing Station B



Wing Station A

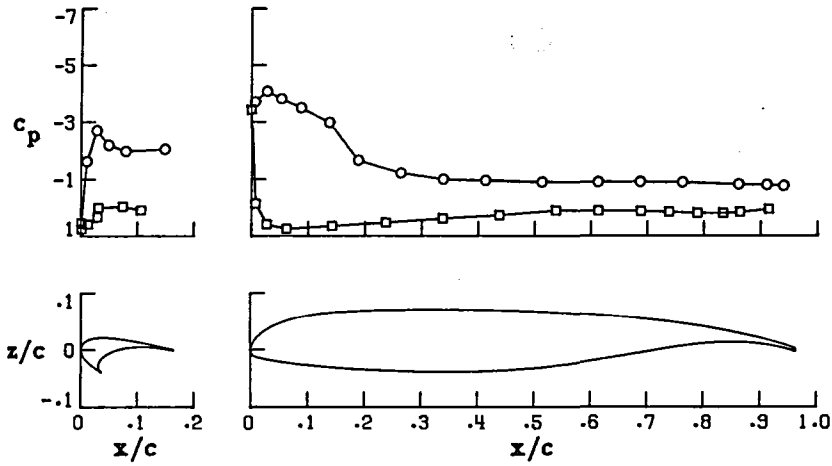


(e)  $\alpha = 12.419^\circ$

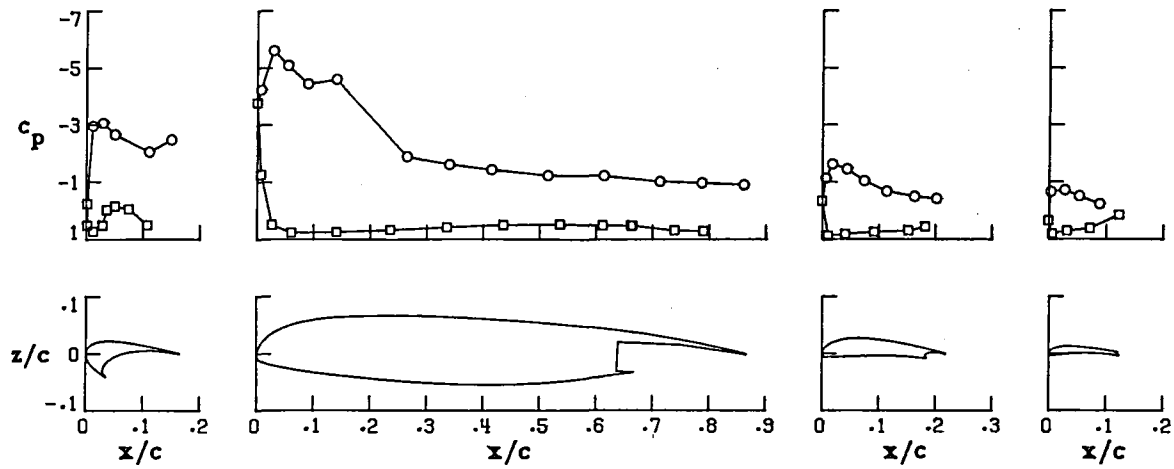
Figure 24-Continued.

○ upper surface  
 □ lower surface

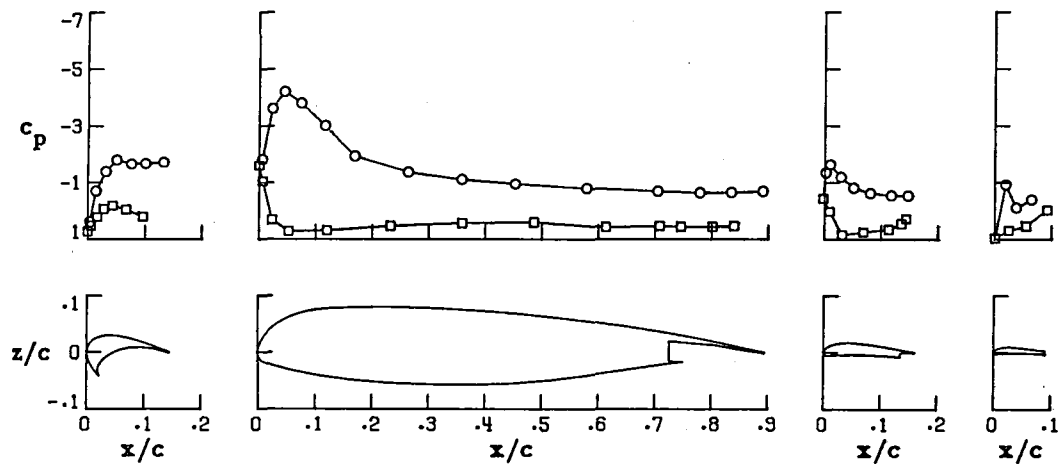
Wing Station C



Wing Station B



Wing Station A

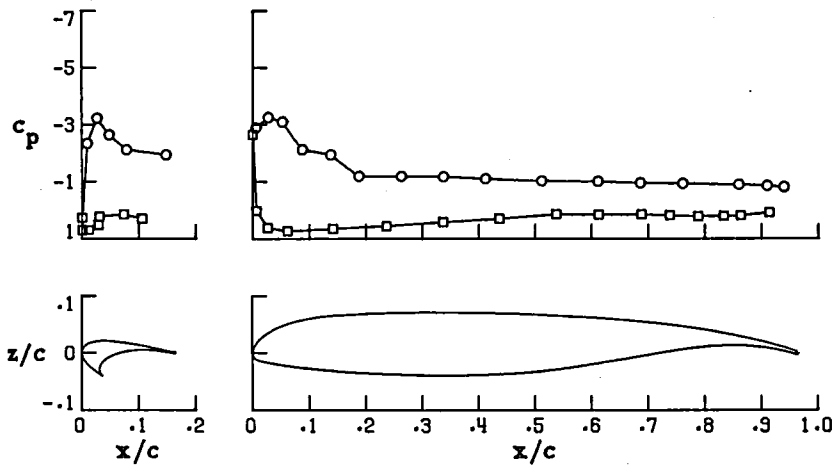


(f)  $\alpha = 16.465^\circ$

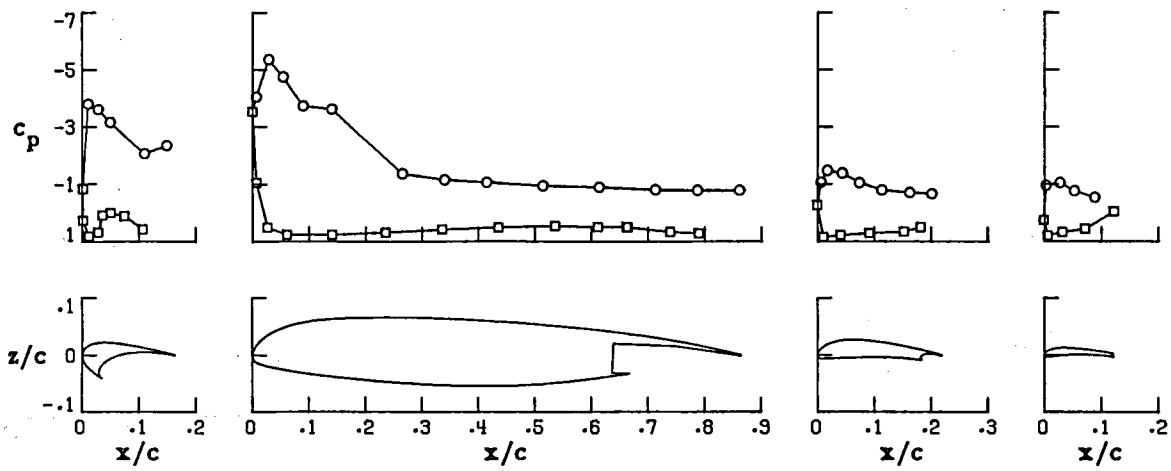
Figure 24-Continued.

○ upper surface  
 □ lower surface

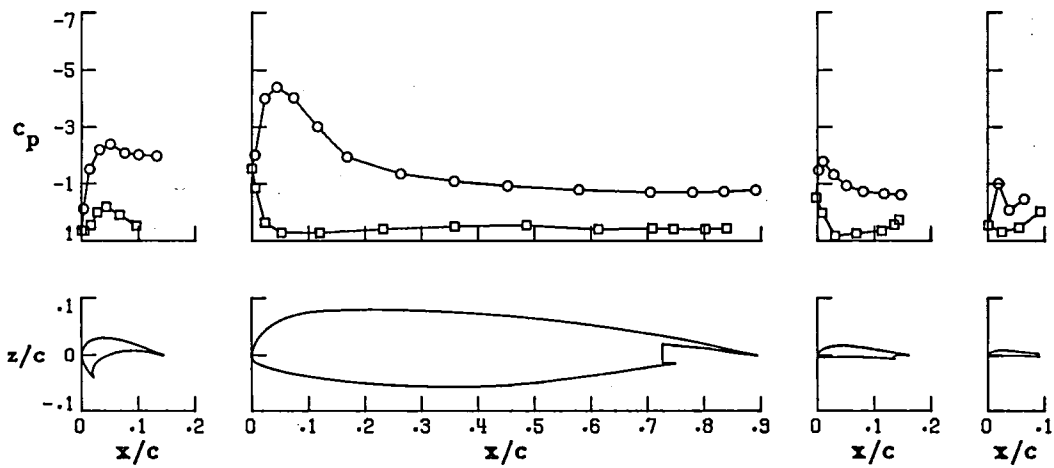
Wing Station C



Wing Station B



Wing Station A

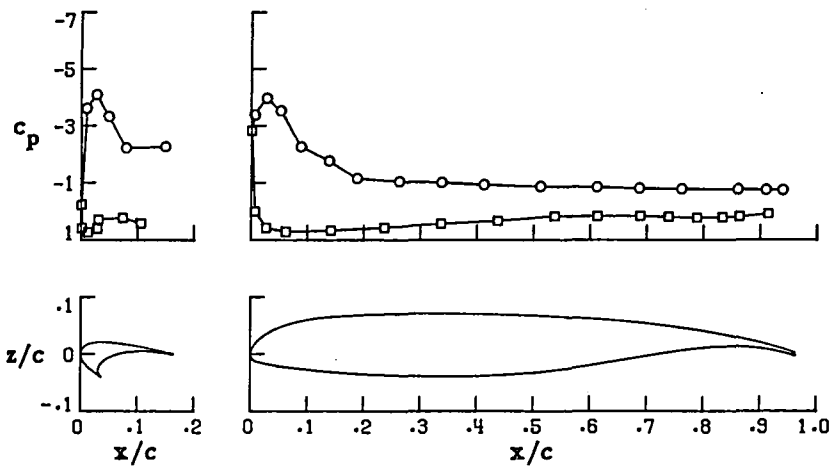


(g)  $\alpha = 20.502^\circ$

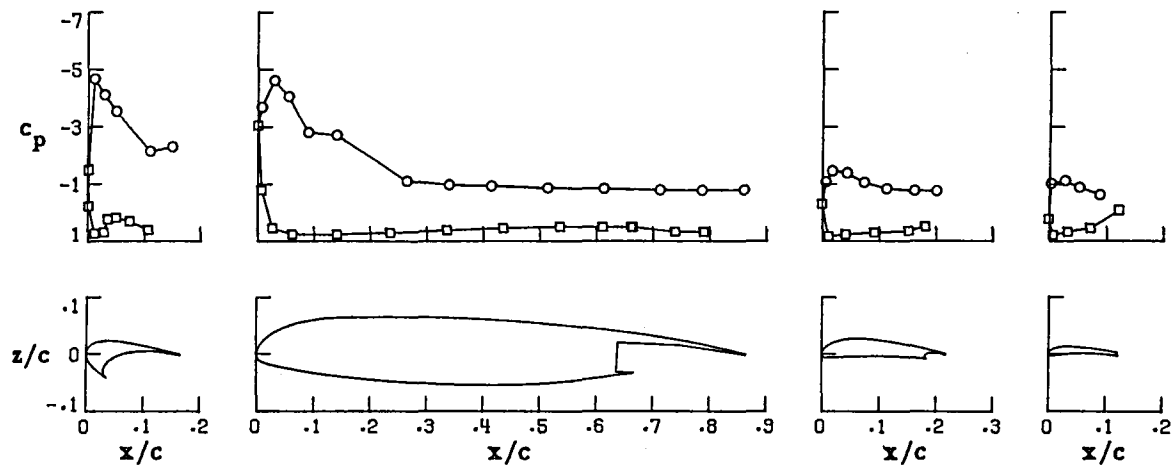
Figure 24-Continued.

○ upper surface  
 □ lower surface

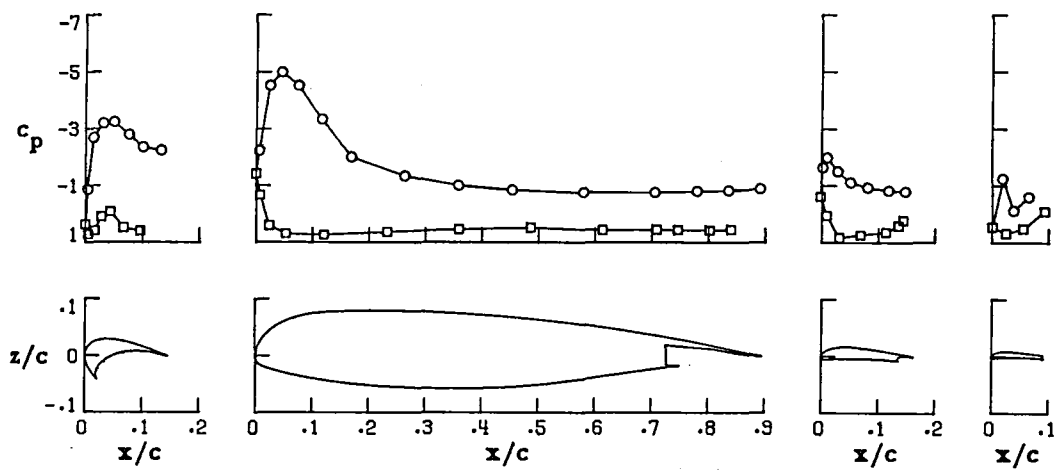
Wing Station G



Wing Station B



Wing Station A

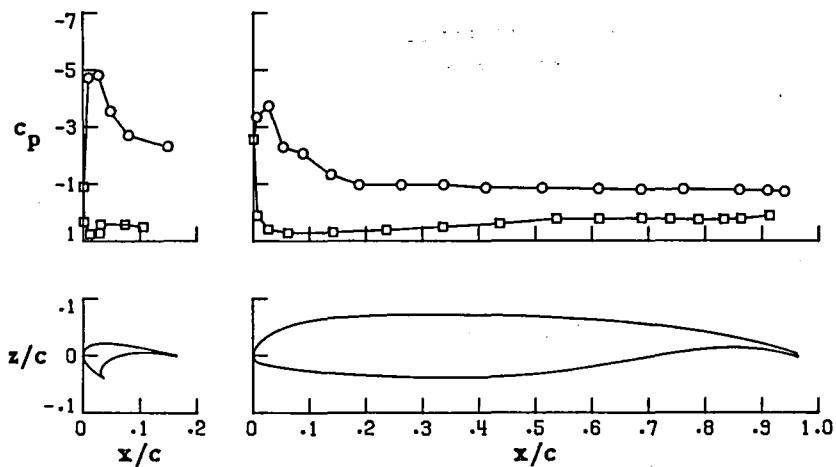


(h)  $\alpha = 24.488^\circ$

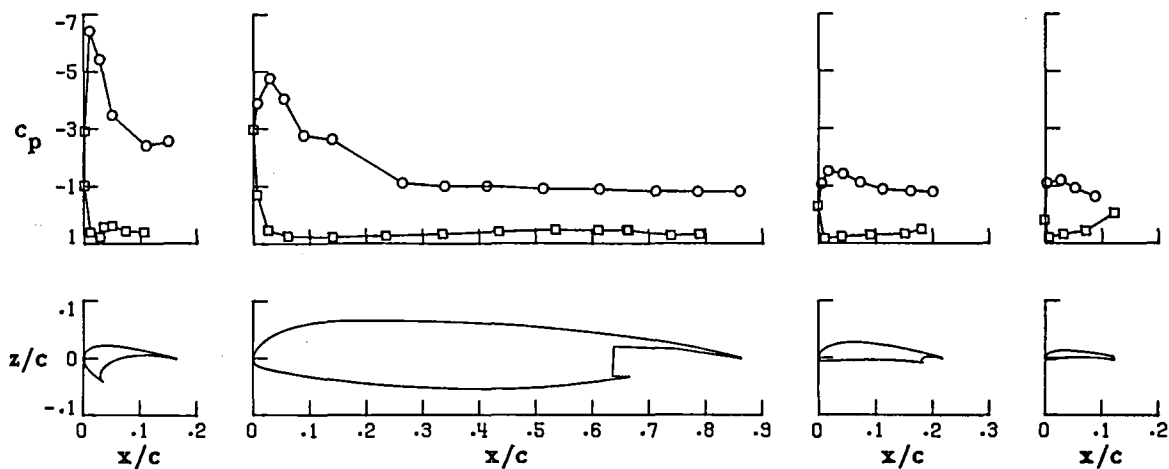
Figure 24-Continued.

○ upper surface  
 □ lower surface

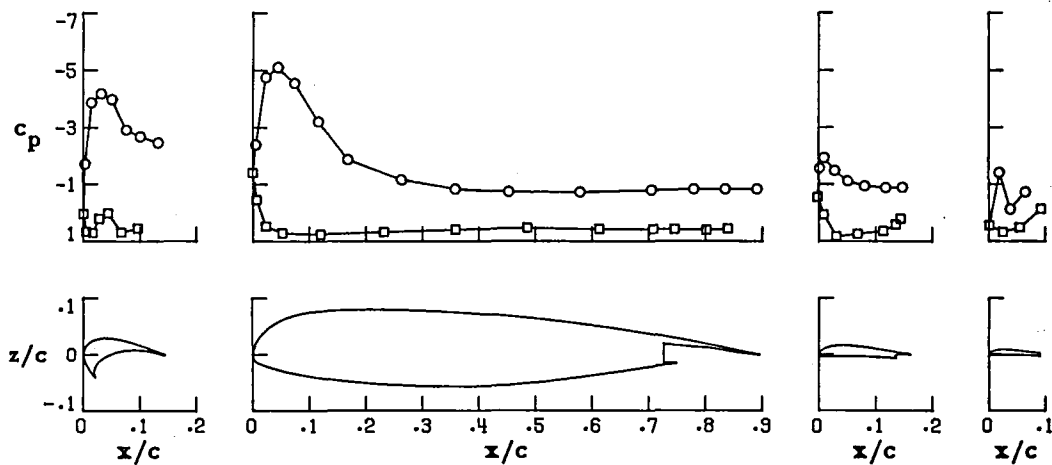
Wing Station C



Wing Station B



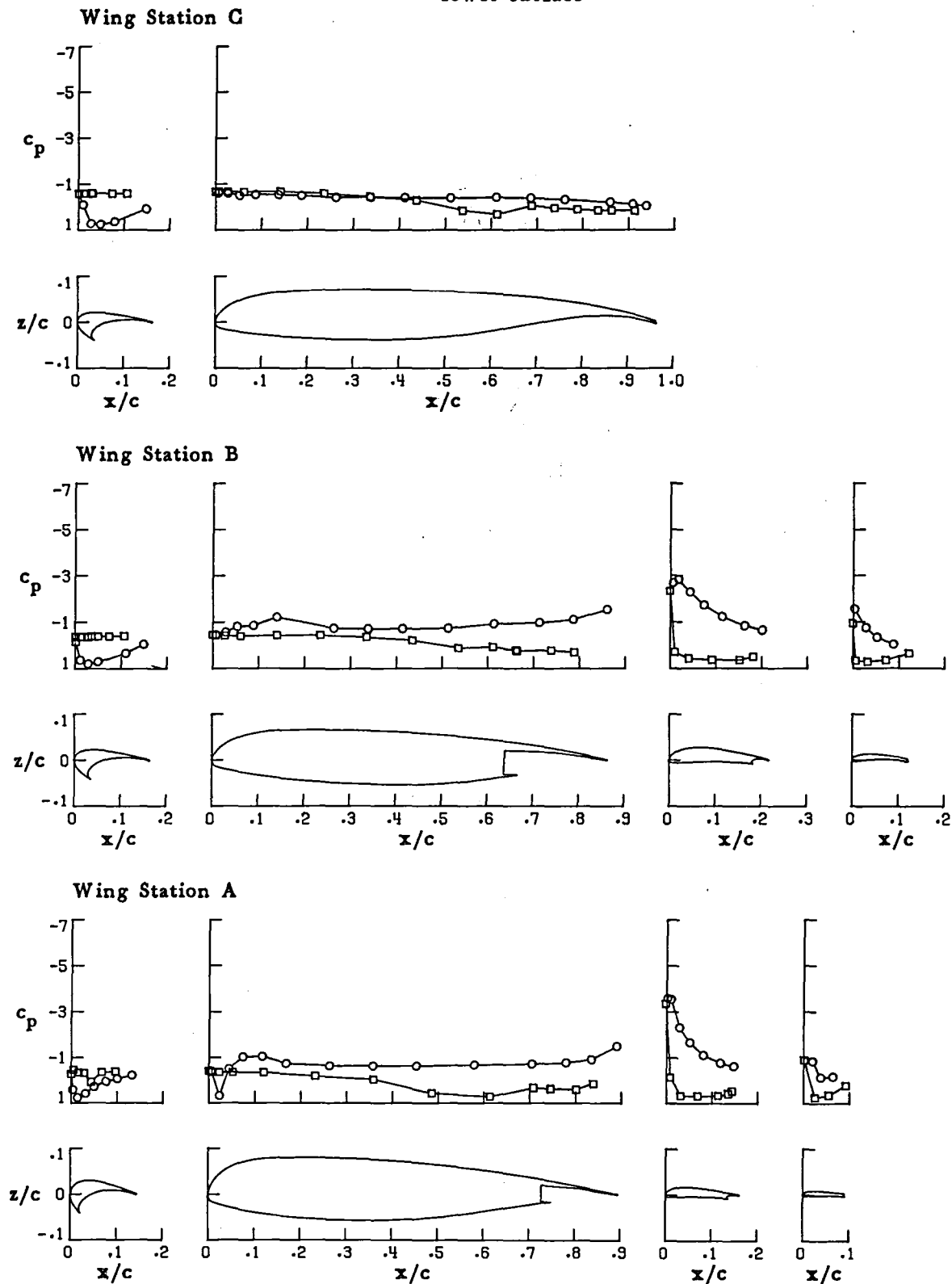
Wing Station A



(i)  $\alpha = 28.524^\circ$

Figure 24.-Concluded.

○ upper surface  
 □ lower surface

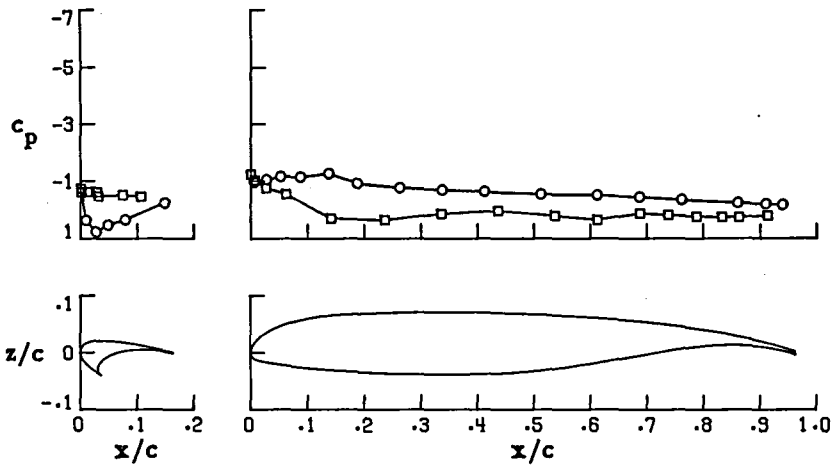


(a)  $\alpha = -3.974^\circ$

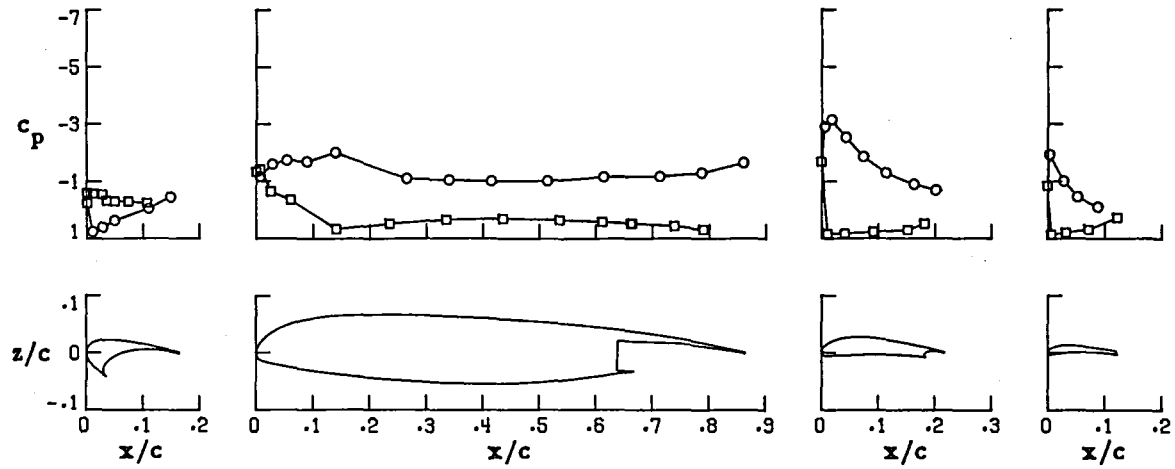
Figure 25. - Pressure distributions for aspect-ratio-10,  $60^\circ$  landing flap wing configuration with  $-30^\circ$  deflection of inboard slat. (Run 22)

○ upper surface  
 □ lower surface

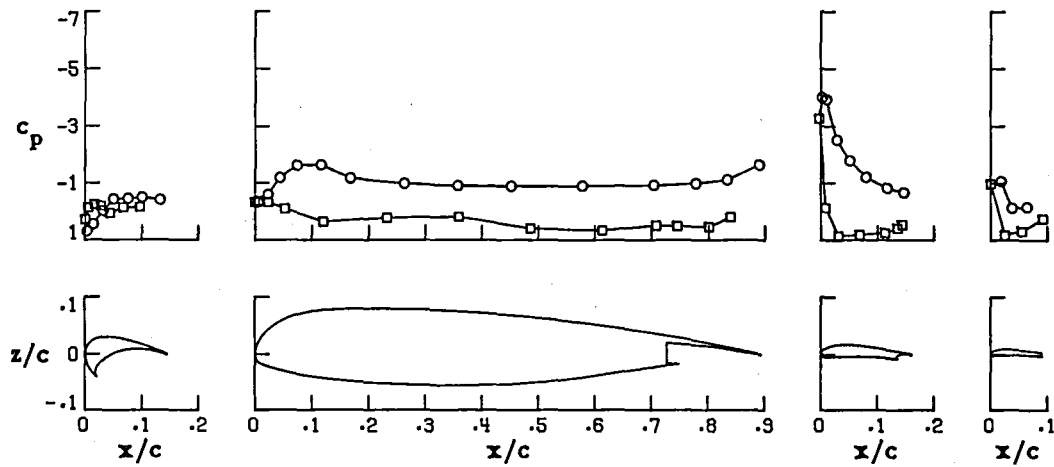
Wing Station C



Wing Station B



Wing Station A



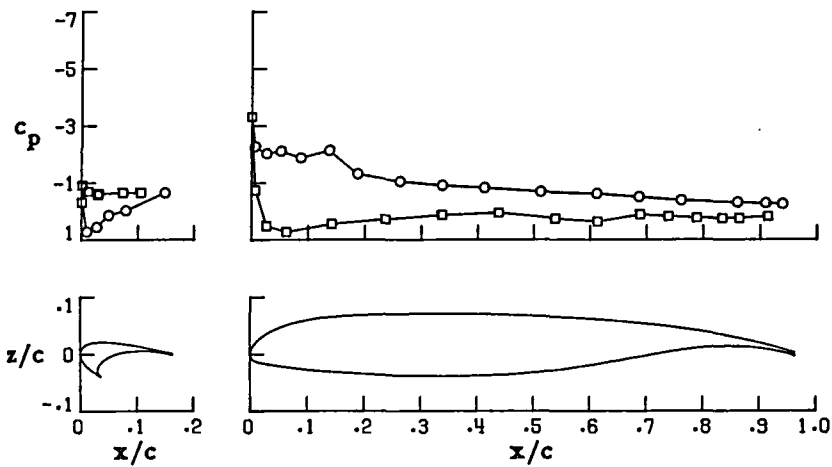
(b)  $\alpha = .127^\circ$

Figure 25.-Continued.

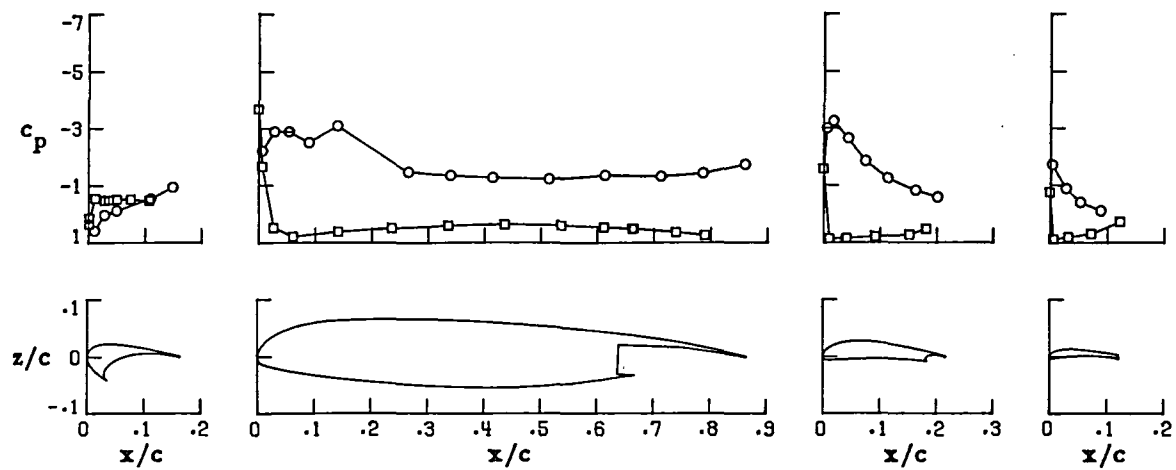


○ upper surface  
 □ lower surface

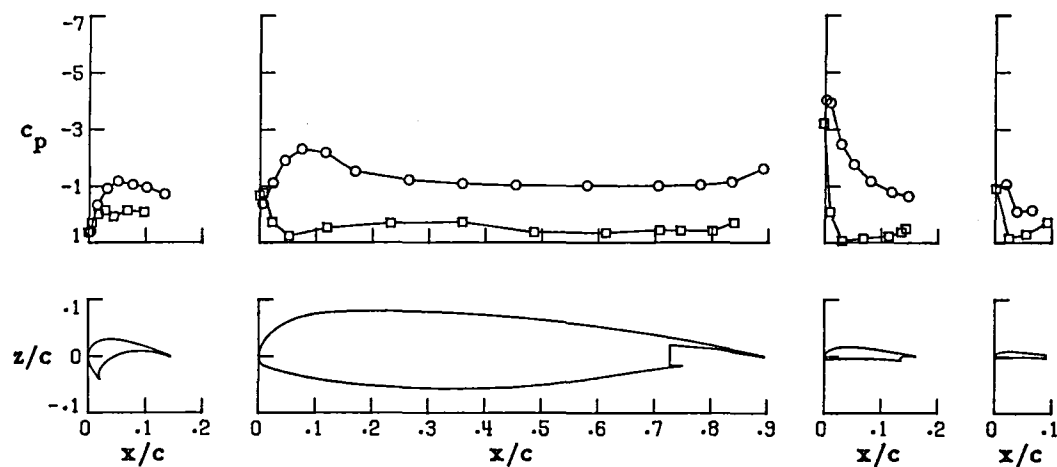
Wing Station C



Wing Station B



Wing Station A

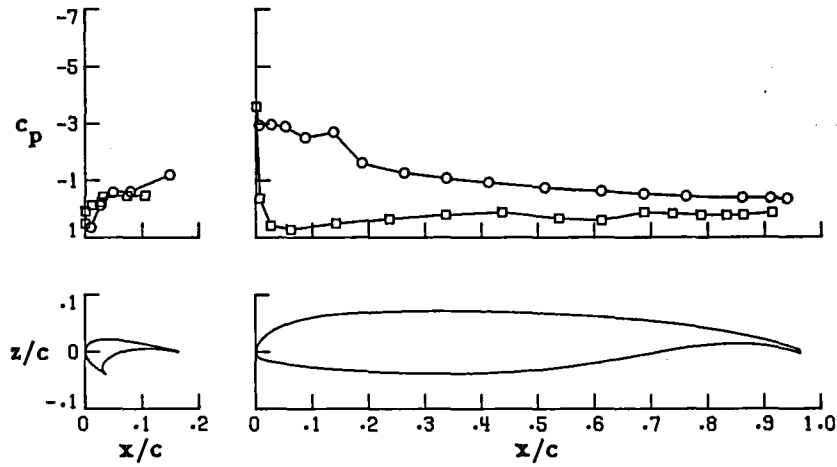


(c)  $\alpha = 4.224^\circ$

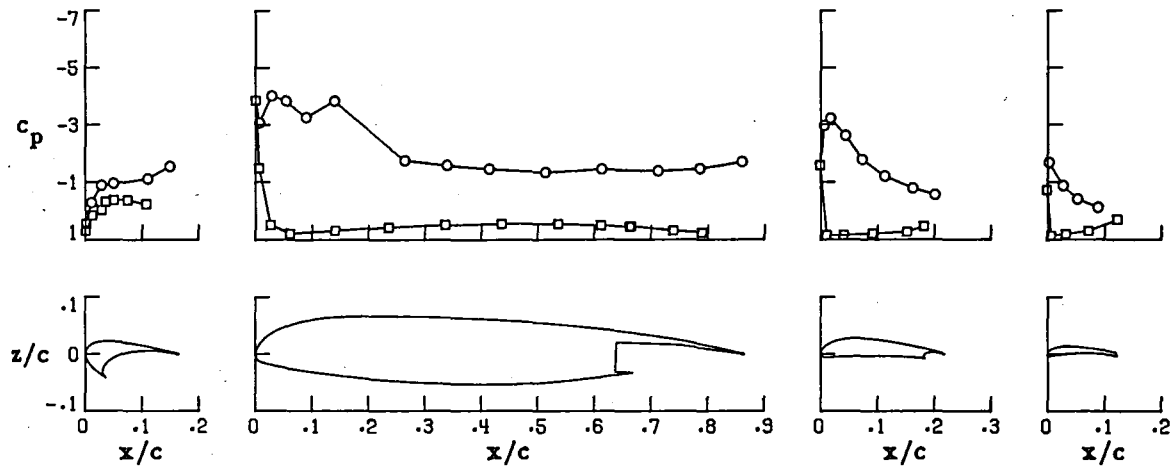
Figure 25.-Continued.

○ upper surface  
 □ lower surface

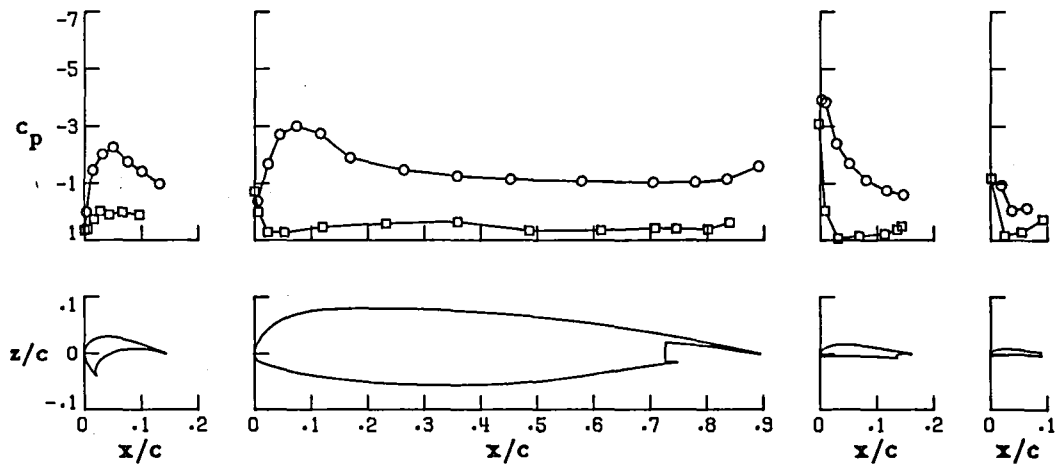
Wing Station C



Wing Station B



Wing Station A

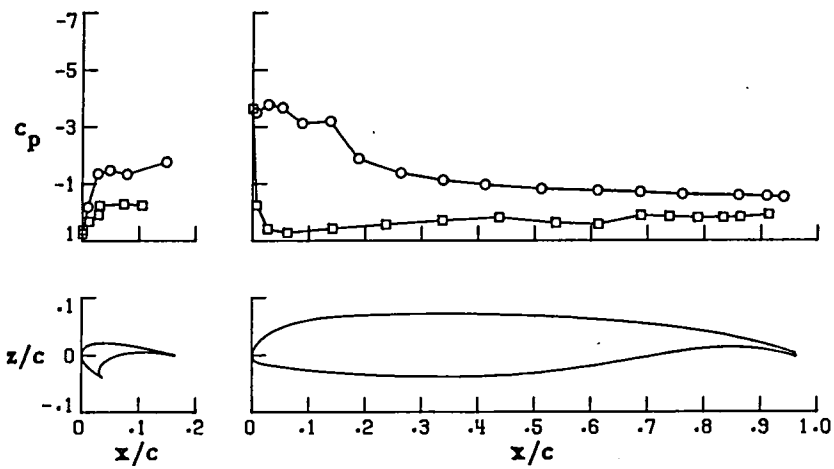


(d)  $\alpha = 8.213^\circ$

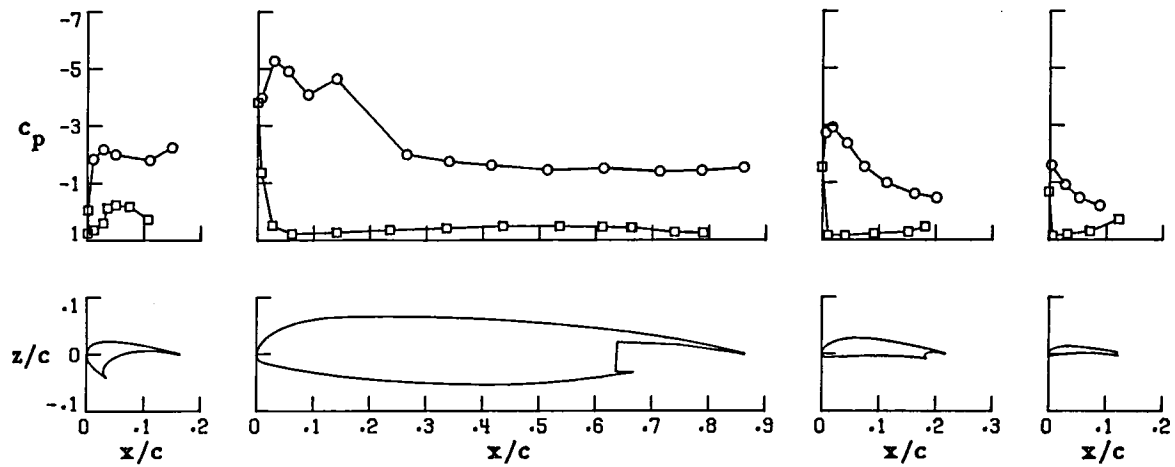
Figure 25.-Continued.

○ upper surface  
 □ lower surface

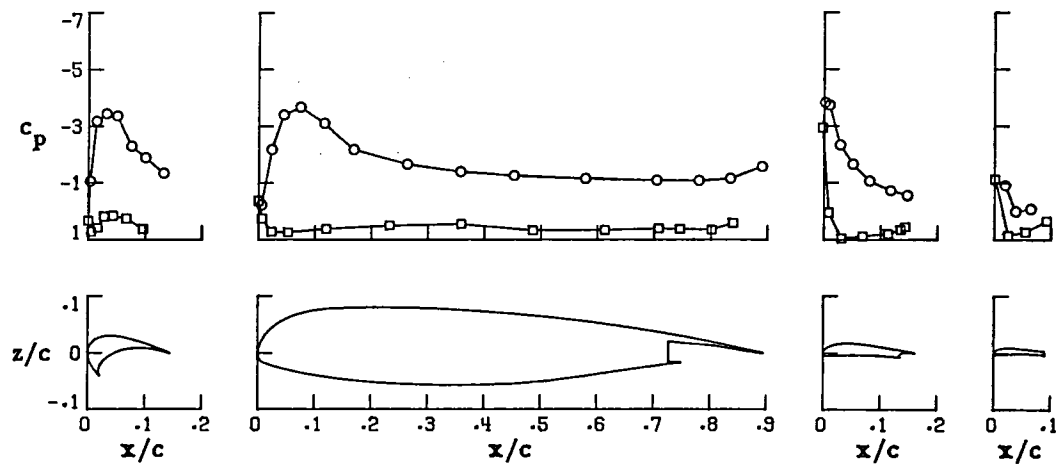
Wing Station C



Wing Station B



Wing Station A

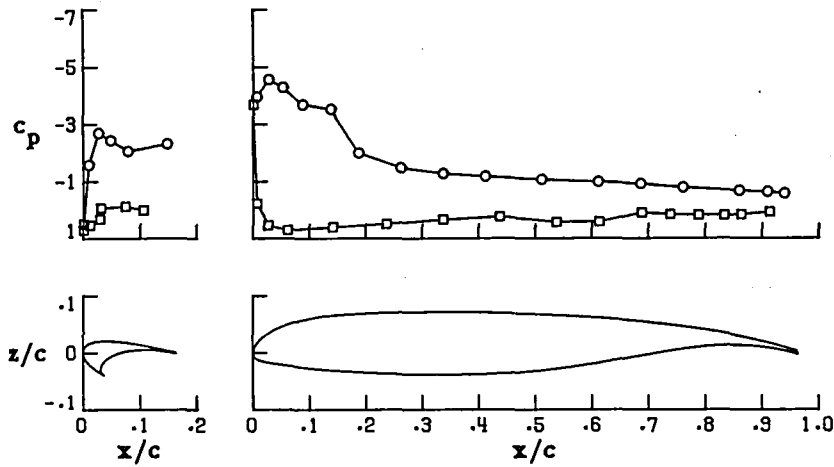


(e)  $\alpha = 12.281^\circ$

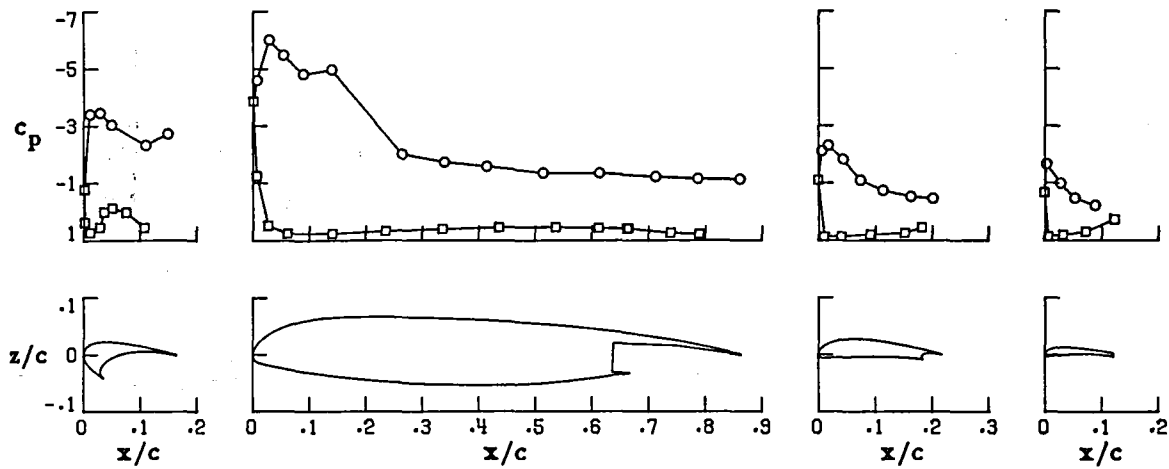
Figure 25.-Continued.

○ upper surface  
 □ lower surface

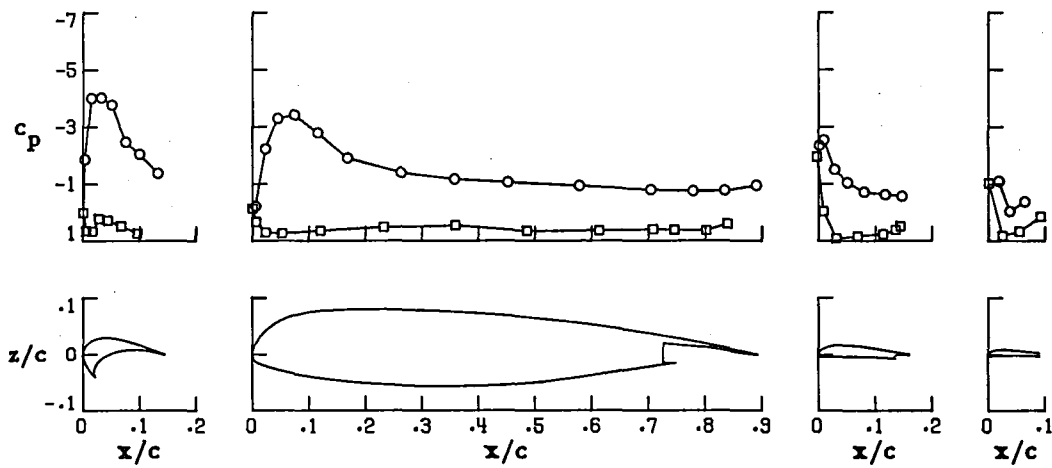
Wing Station C



Wing Station B



Wing Station A

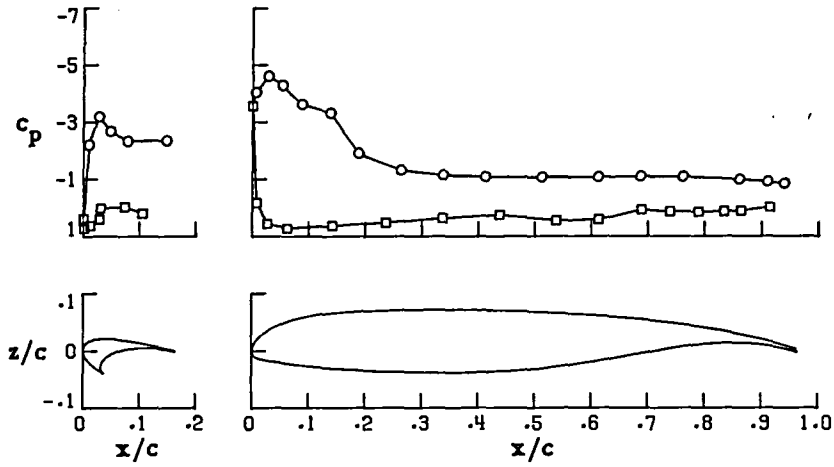


(f)  $\alpha = 16.351^\circ$

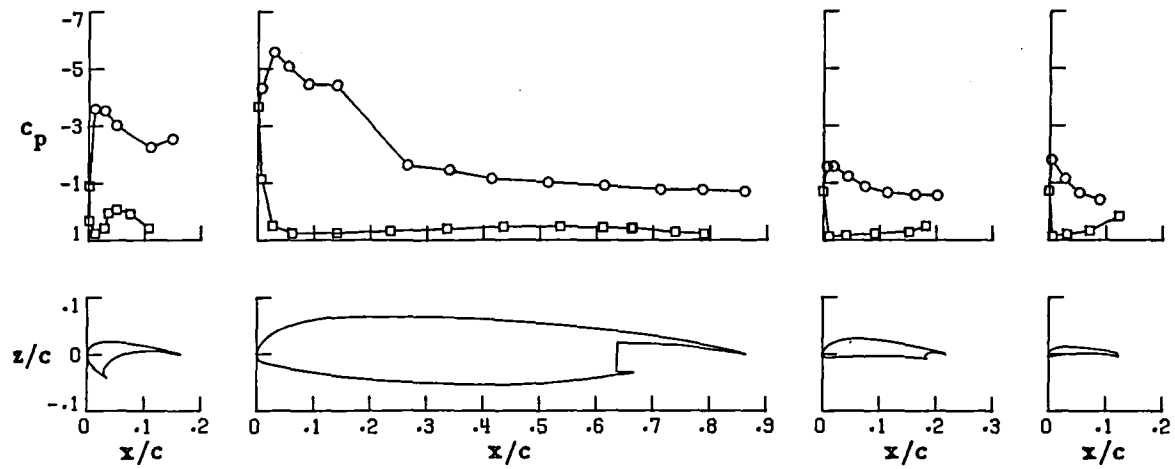
Figure 25.-Continued.

○ upper surface  
 □ lower surface

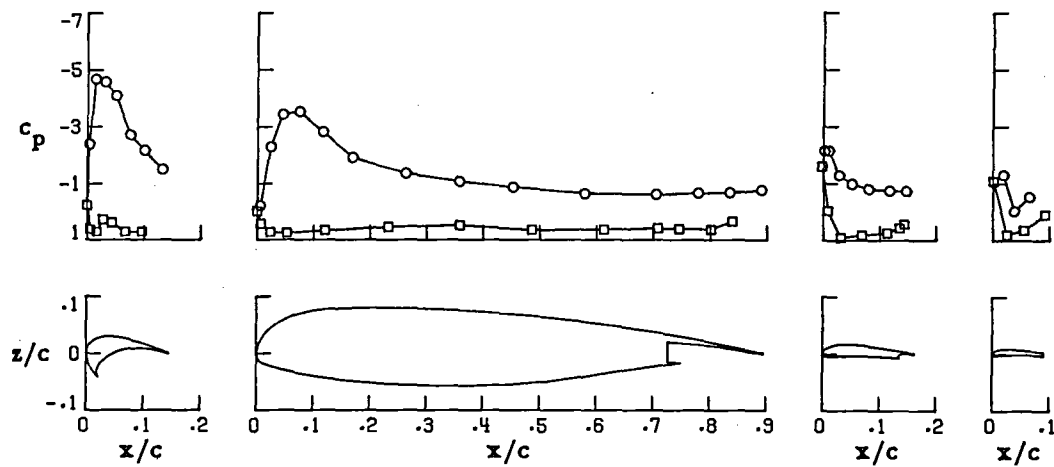
Wing Station C



Wing Station B



Wing Station A

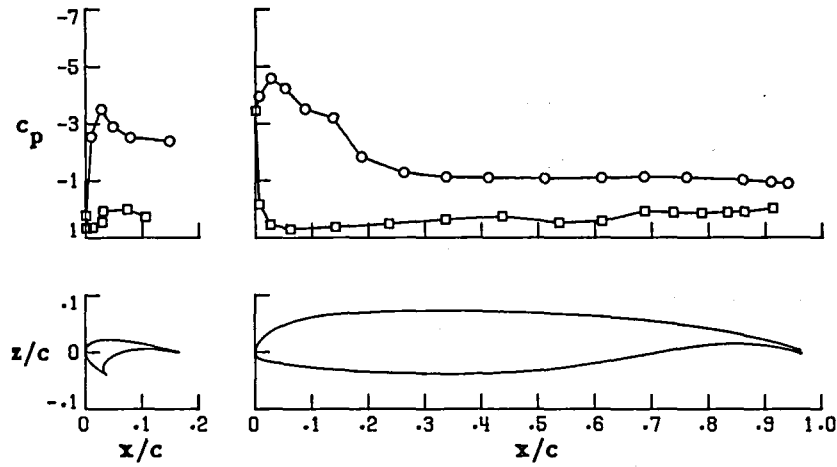


(g)  $\alpha = 18.445^\circ$

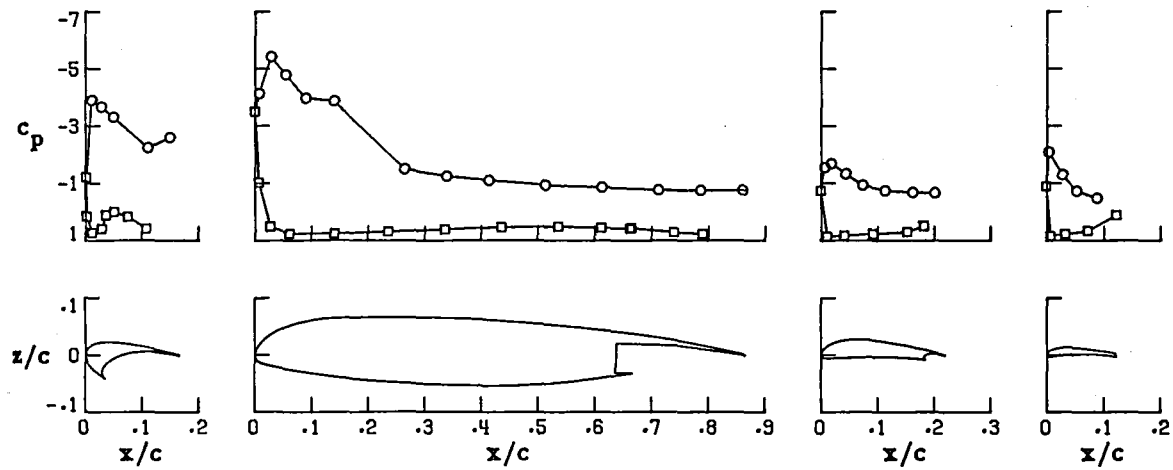
Figure 25-Continued.

○ upper surface  
 □ lower surface

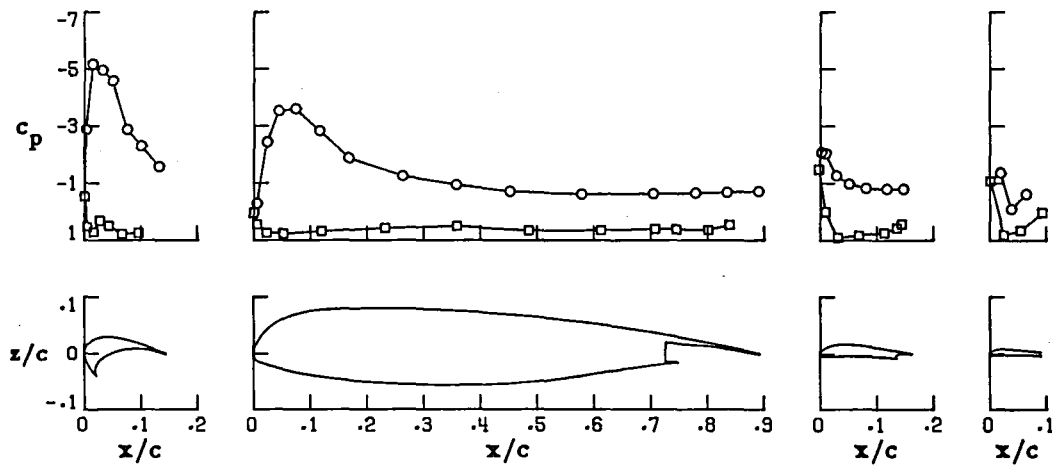
Wing Station C



Wing Station B



Wing Station A

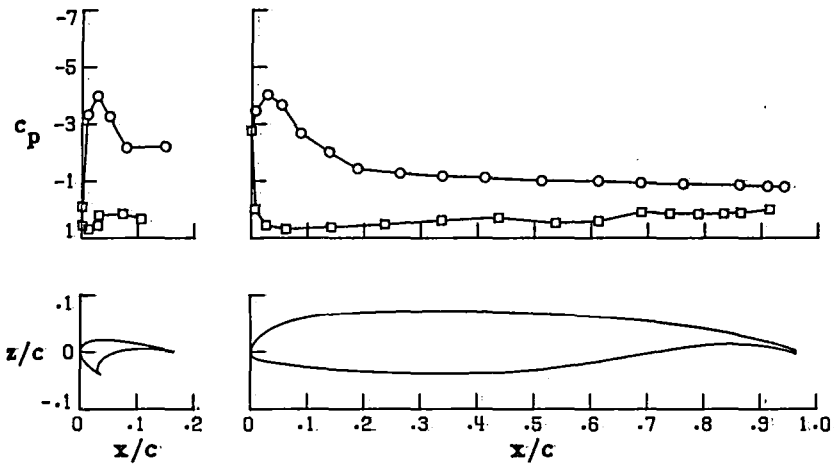


(h)  $\alpha = 20.314^\circ$

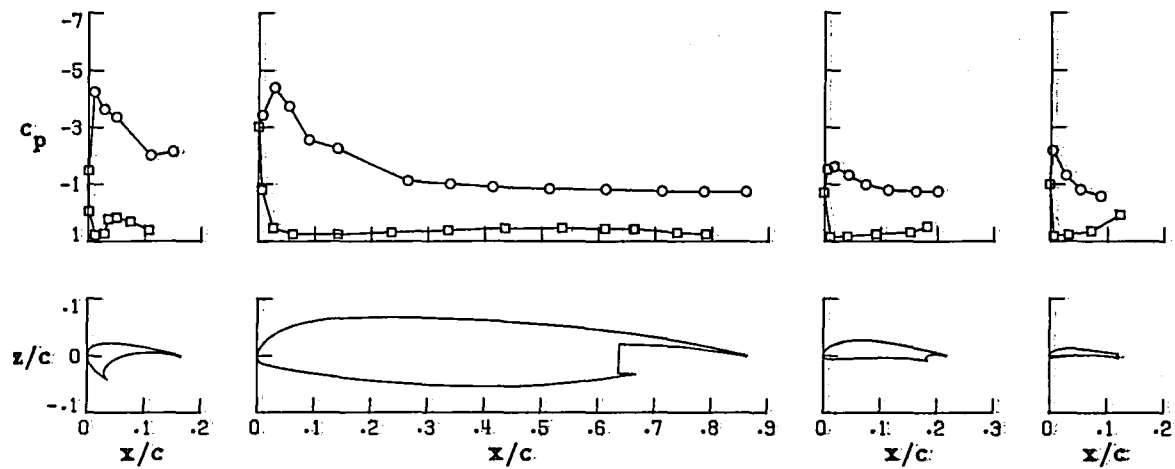
Figure 25.-Continued.

○ upper surface  
 □ lower surface

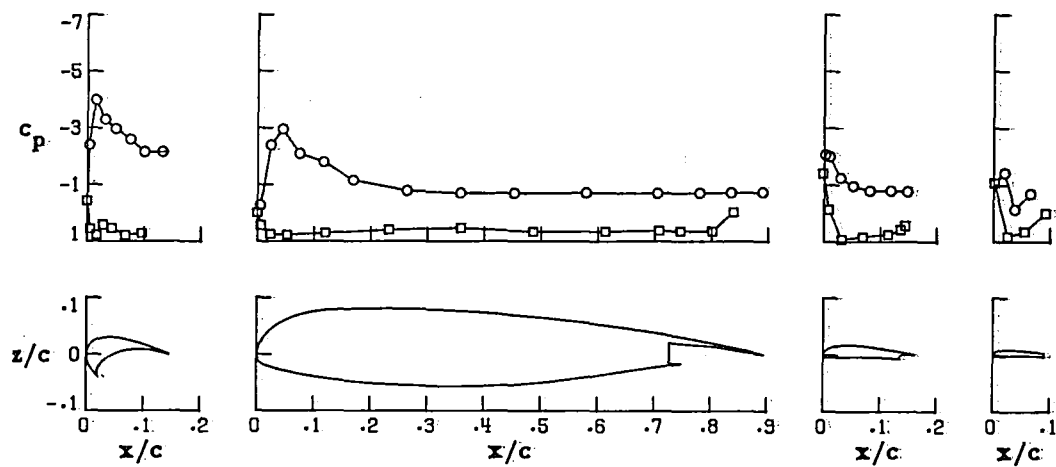
Wing Station G



Wing Station B



Wing Station A

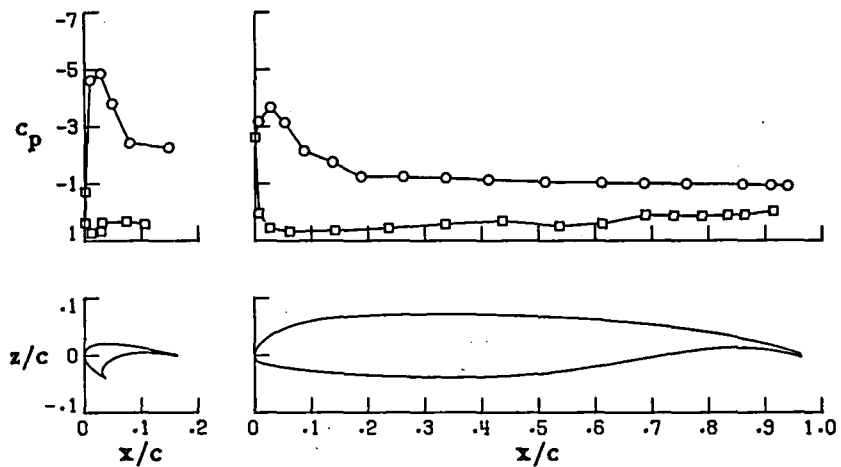


(i)  $\alpha = 24.423^\circ$

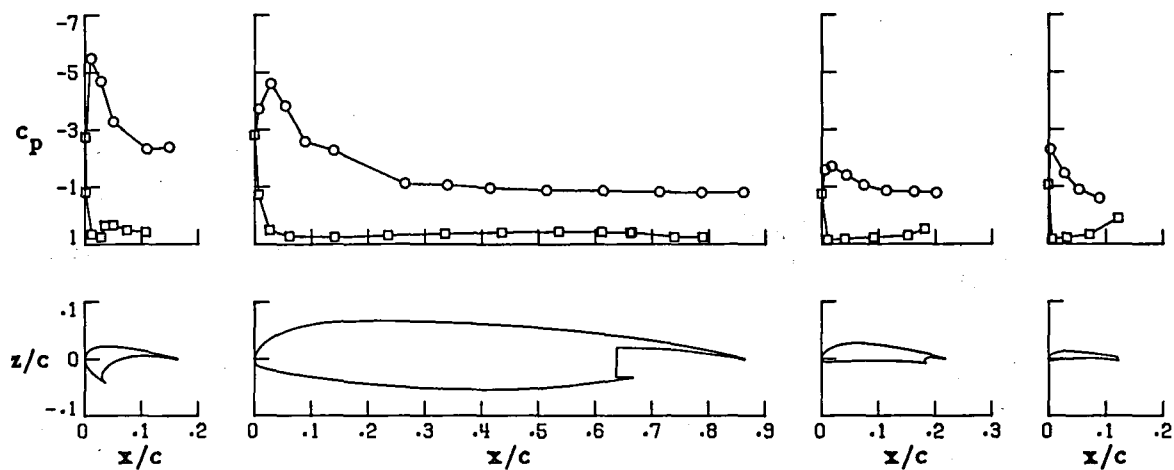
Figure 25.-Continued.

○ upper surface  
 □ lower surface

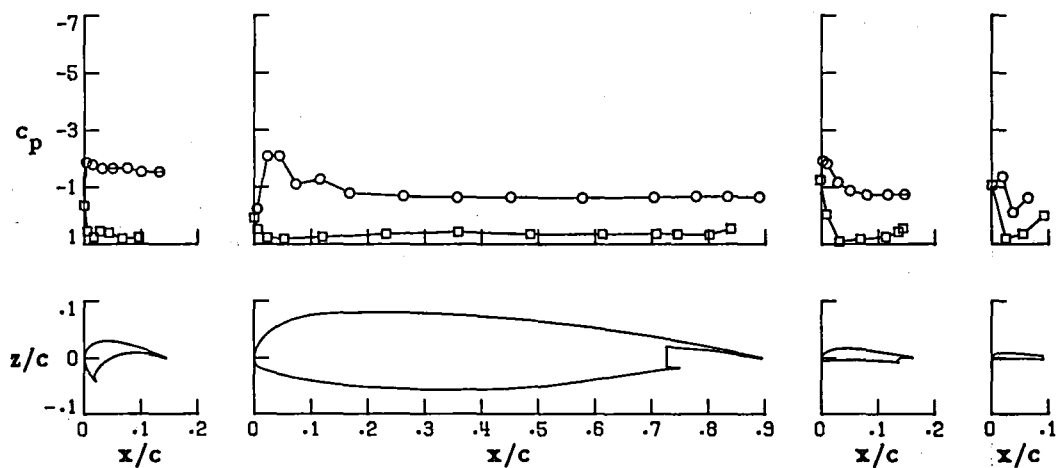
Wing Station C



Wing Station B



Wing Station A

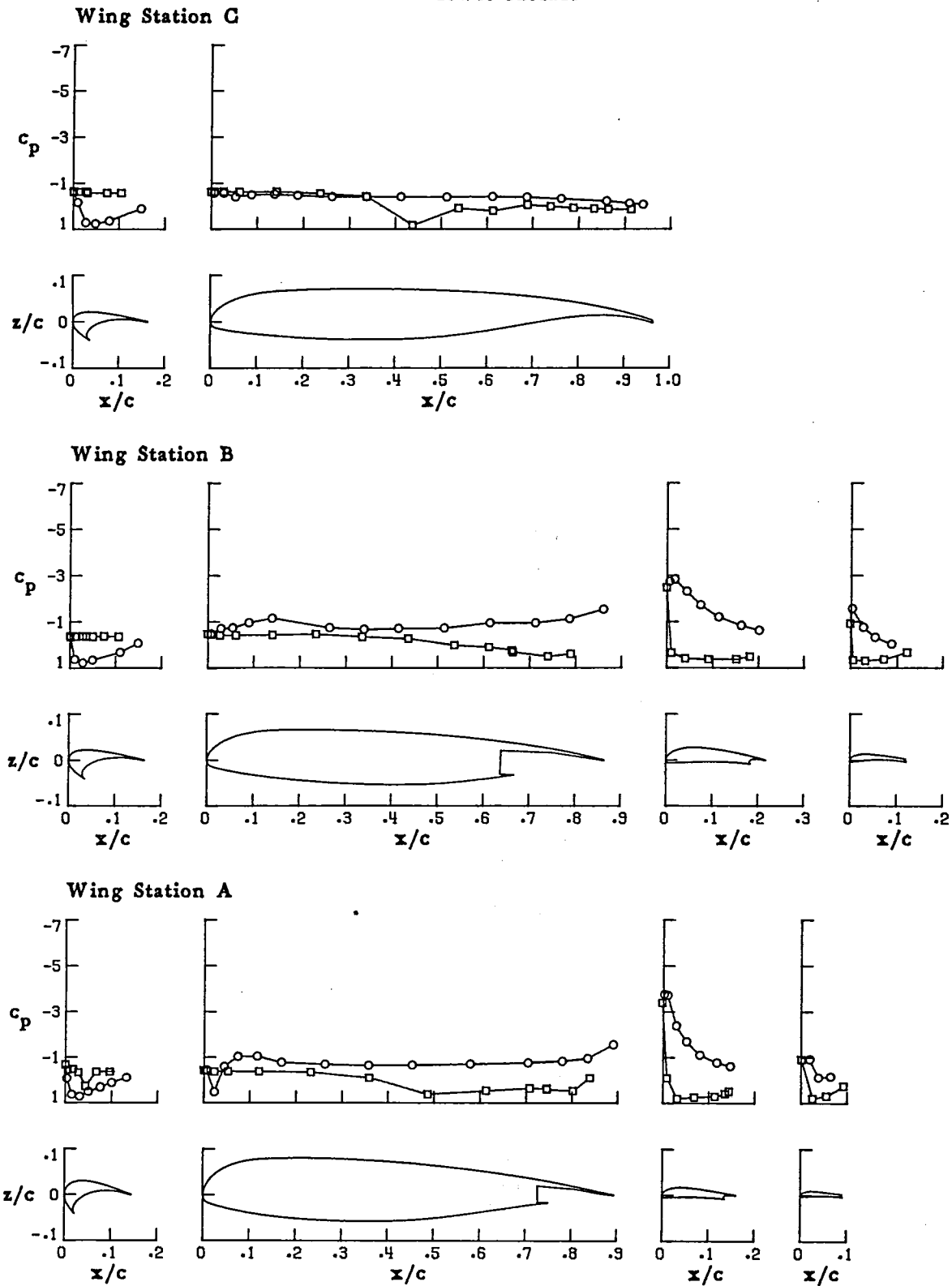


(j)  $\alpha = 28.400^\circ$

Figure 25.-Concluded.



○ upper surface  
 □ lower surface

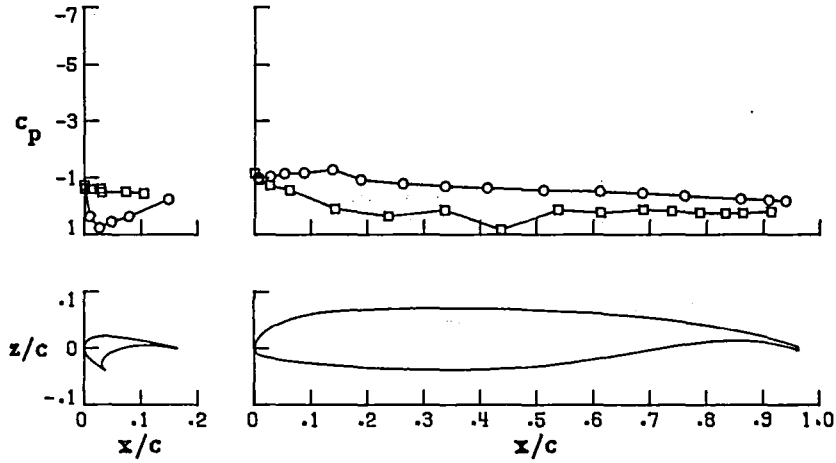


(a)  $\alpha = -3.966^\circ$

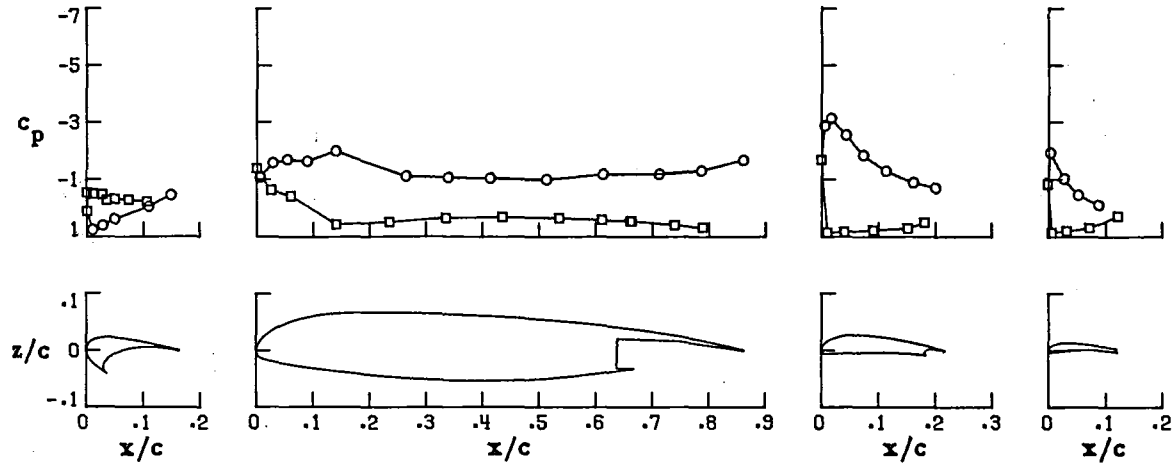
Figure 26. - Pressure distributions for aspect-ratio-10,  $60^\circ$  landing flap wing configuration with  $-40^\circ$  deflection of inboard stat. (Run 23)

○ upper surface  
 □ lower surface

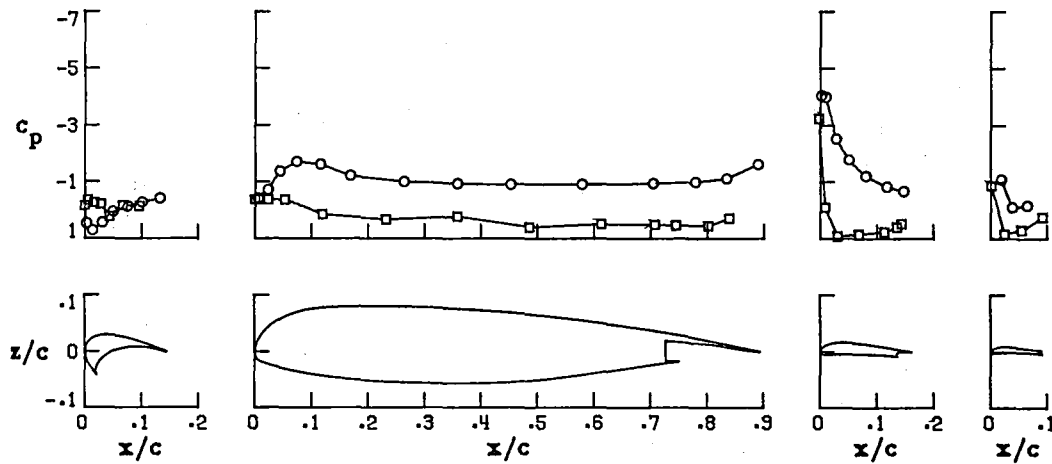
Wing Station C



Wing Station B



Wing Station A

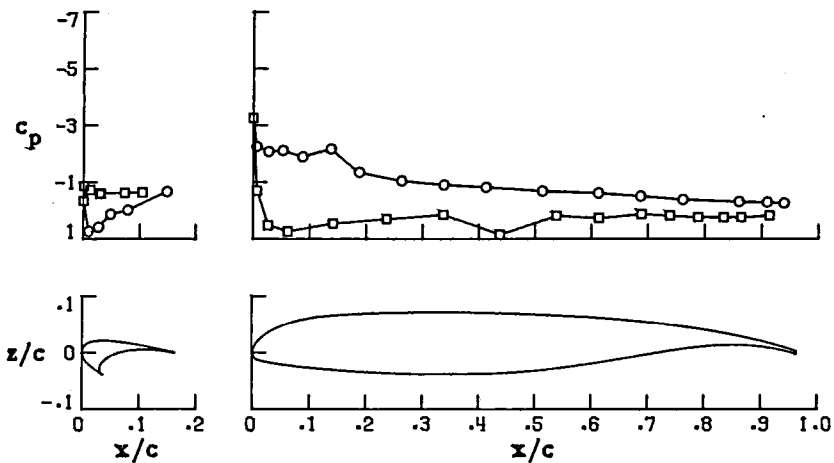


(b)  $\alpha = .134^\circ$

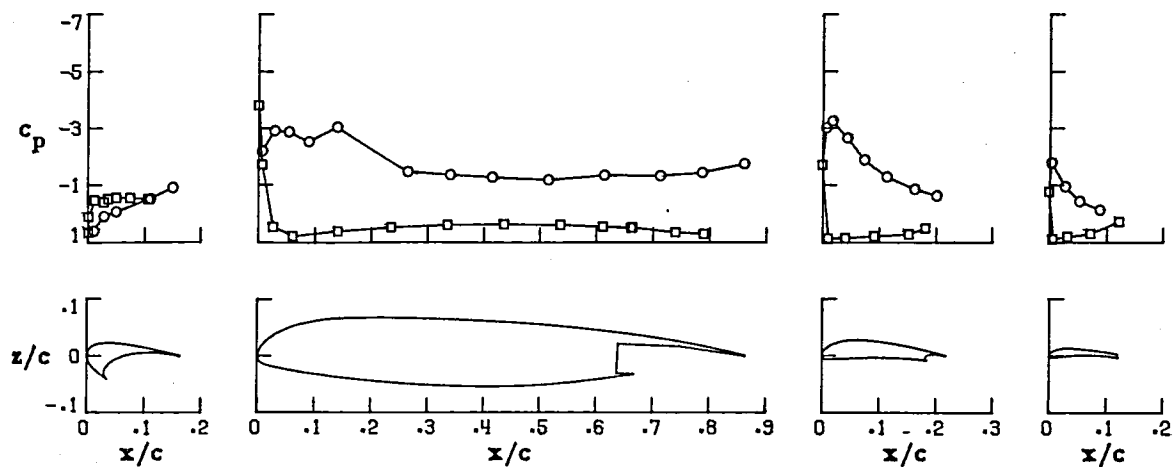
Figure 26.-Continued.

○ upper surface  
 □ lower surface

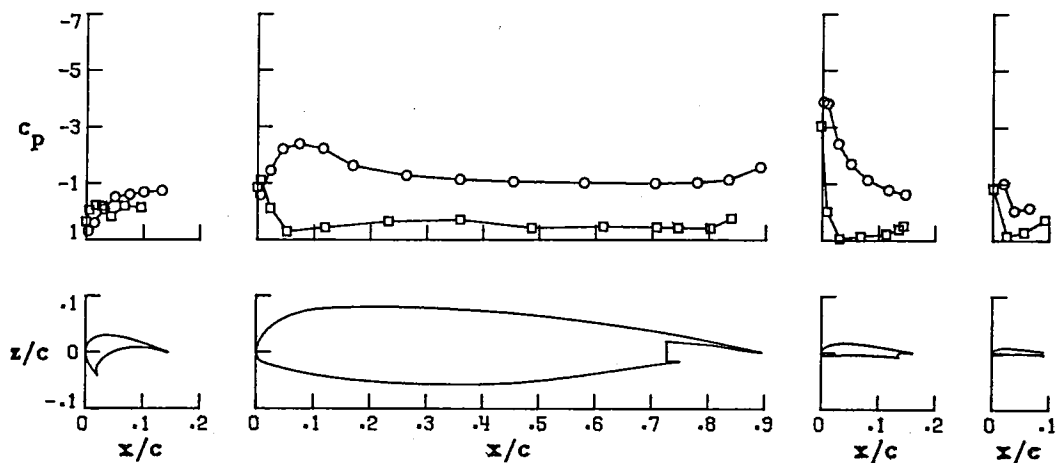
Wing Station C



Wing Station B



Wing Station A

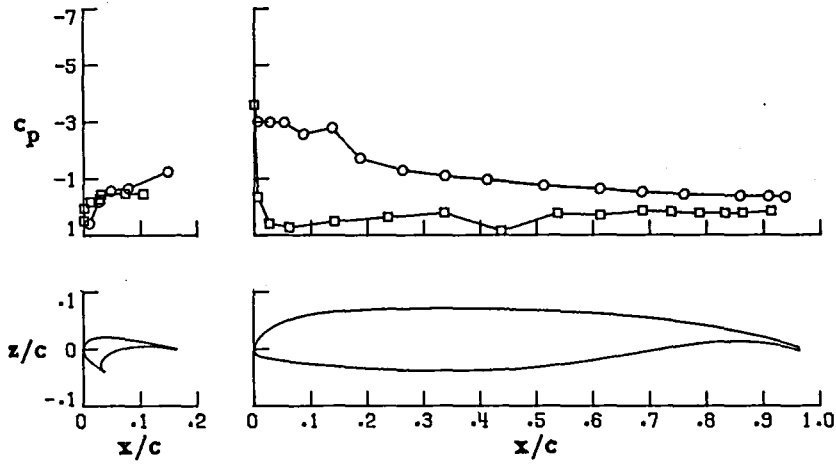


(c)  $\alpha = 4.225^\circ$

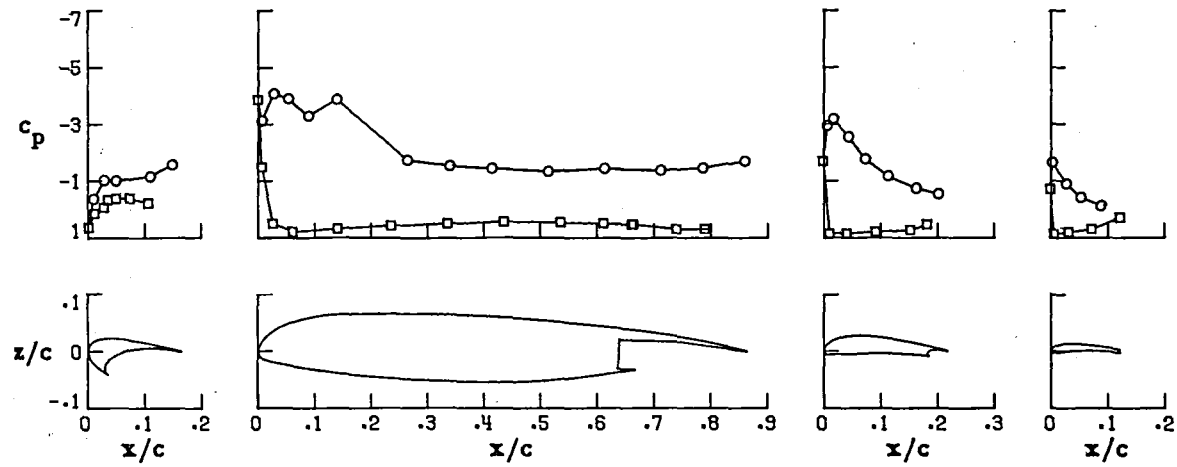
Figure 26.-Continued.

○ upper surface  
 □ lower surface

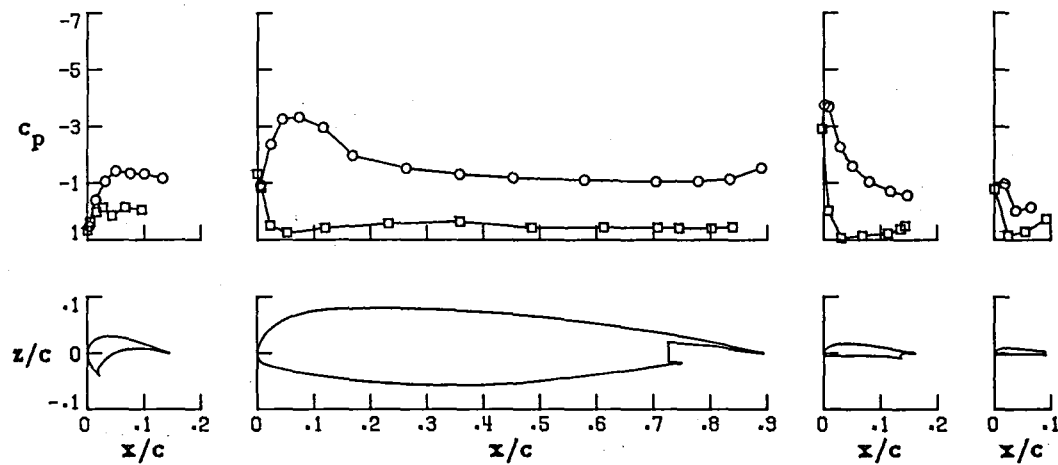
Wing Station C



Wing Station B



Wing Station A

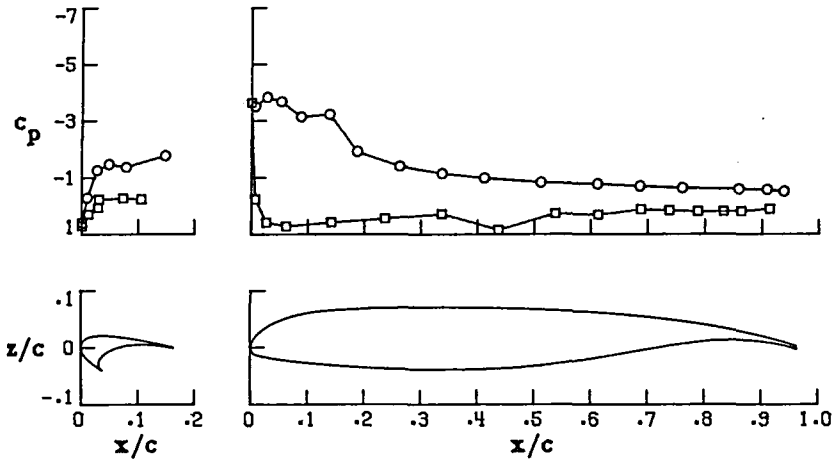


(d)  $\alpha = 8.275^\circ$

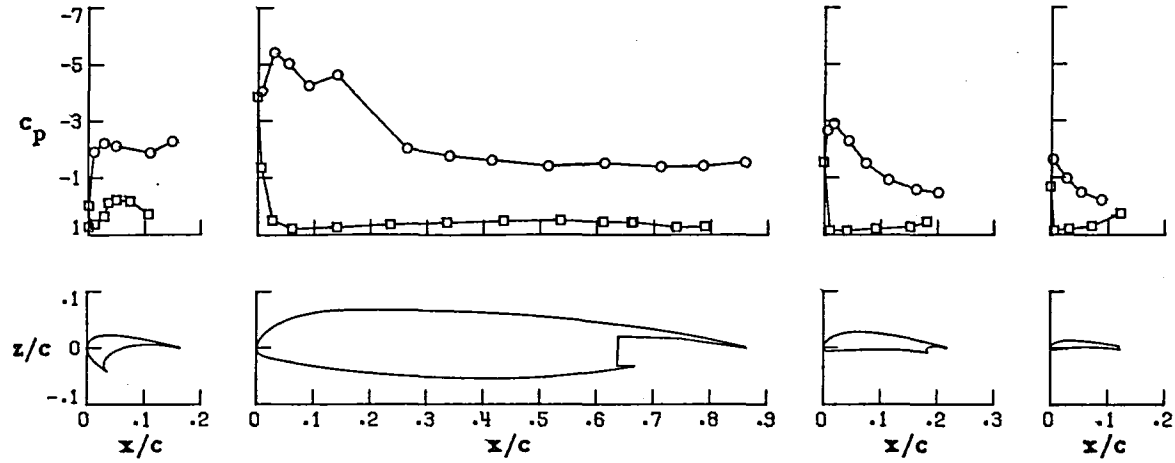
Figure 26.-Continued.

○ upper surface  
 □ lower surface

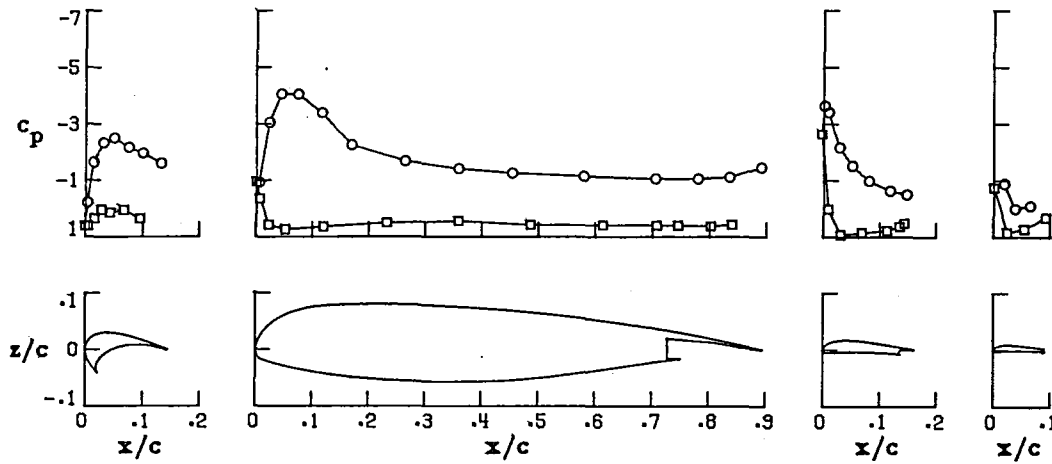
Wing Station C



Wing Station B



Wing Station A

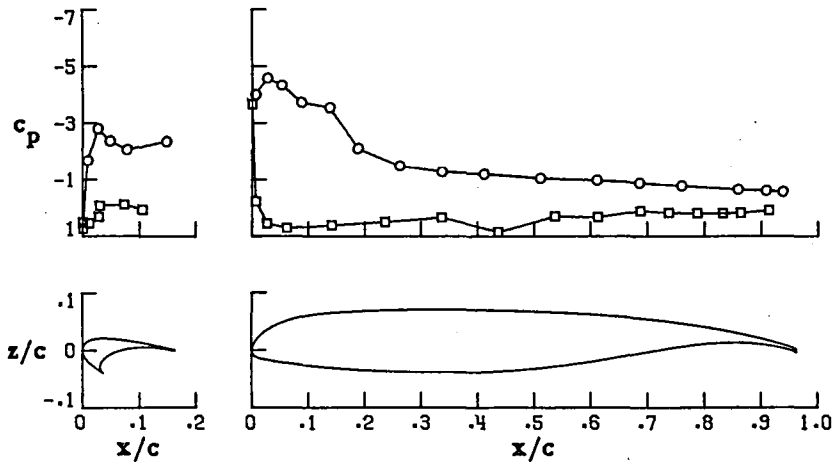


(e)  $\alpha = 12.319^\circ$

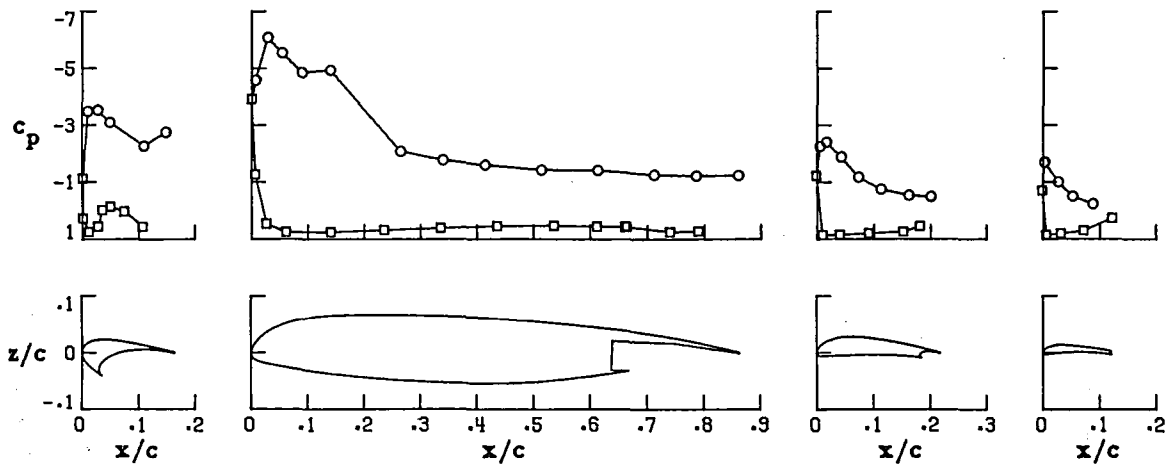
Figure 26.-Continued.

○ upper surface  
 □ lower surface

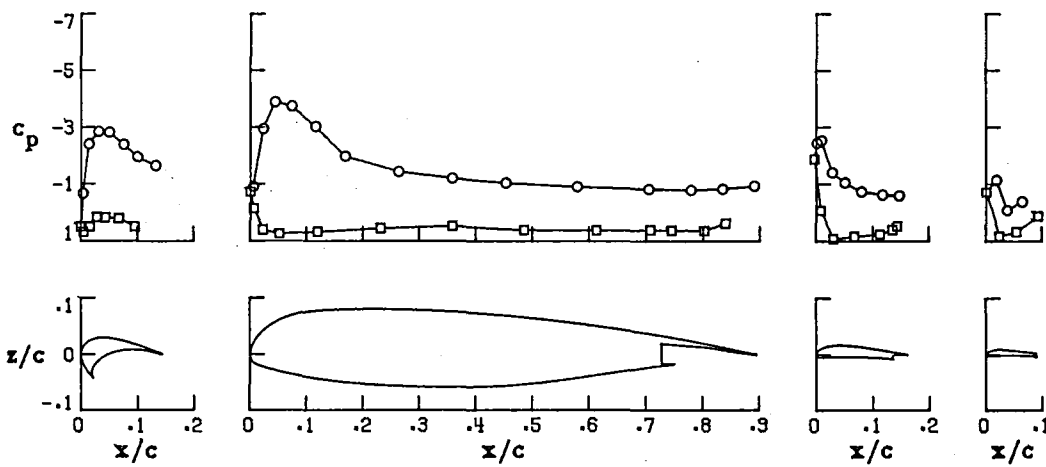
Wing Station C



Wing Station B



Wing Station A

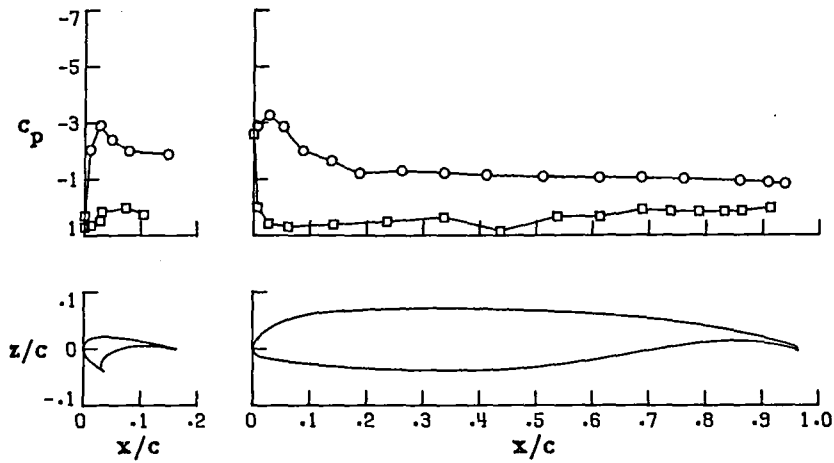


(E)  $\alpha = 16.297^\circ$

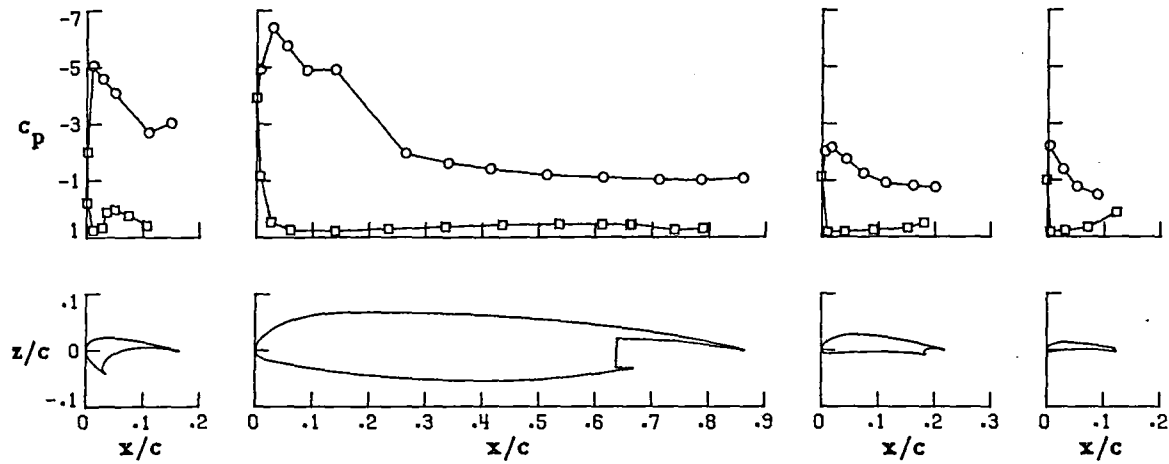
Figure 26.-Continued.

○ upper surface  
 □ lower surface

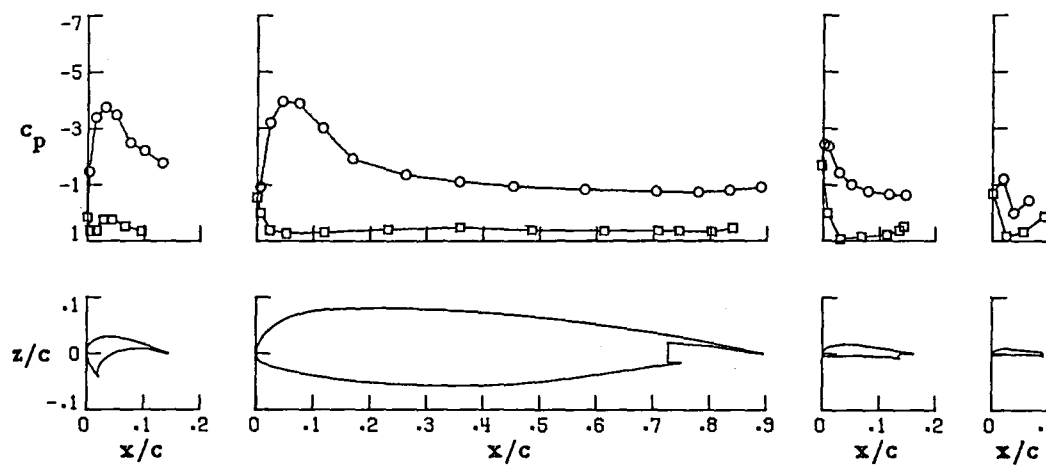
Wing Station C



Wing Station B



Wing Station A

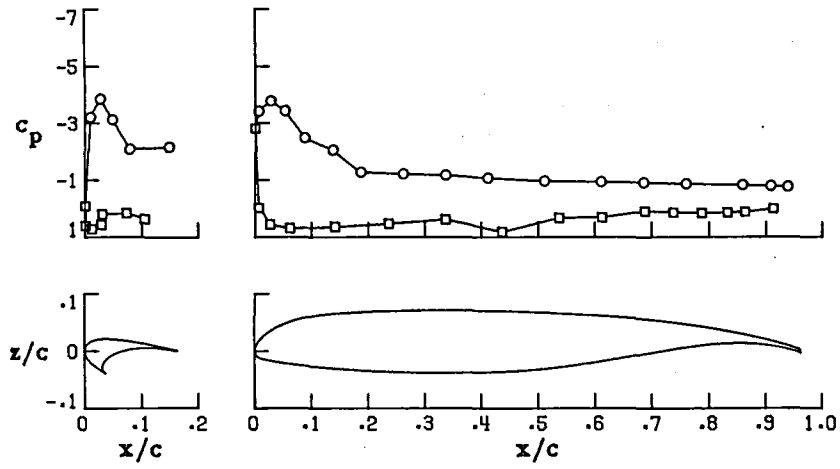


(g)  $\alpha = 20.348^\circ$

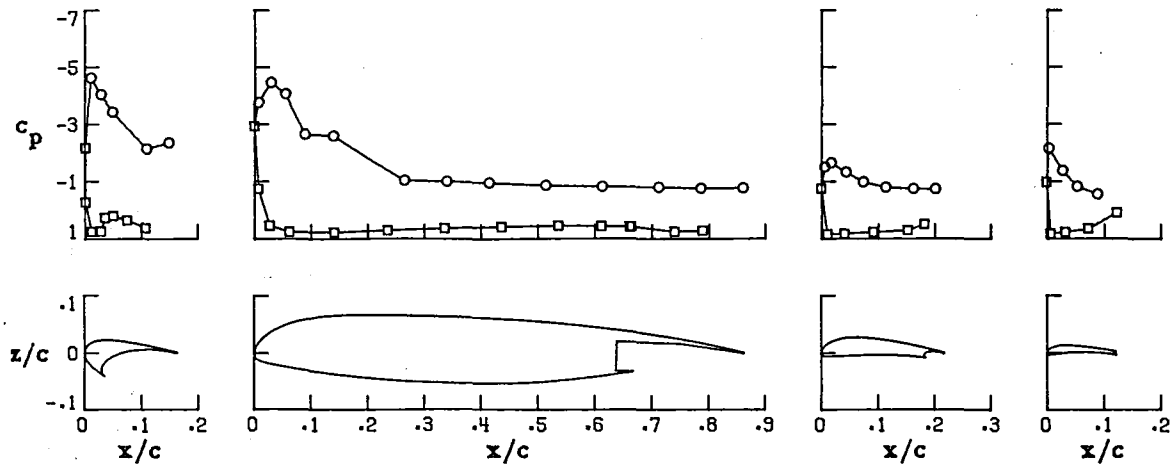
Figure 26-Continued.

○ upper surface  
 □ lower surface

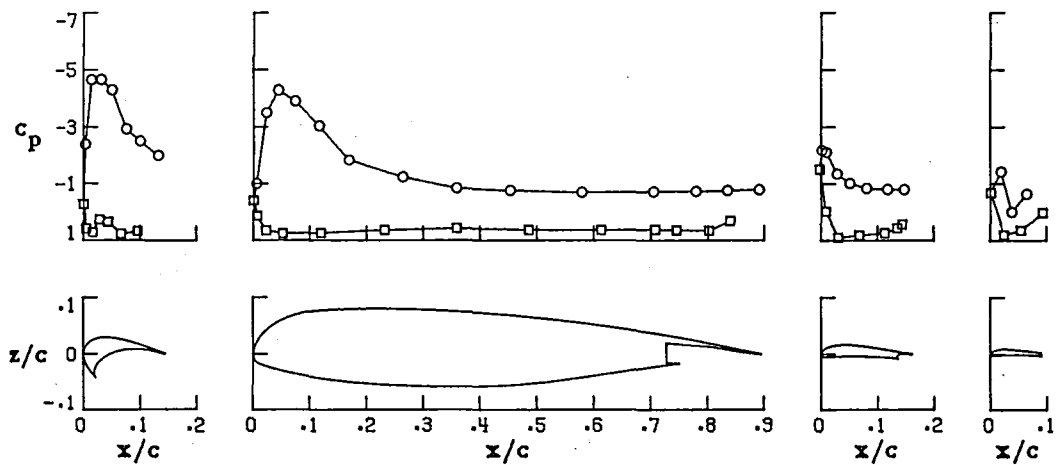
Wing Station C



Wing Station B



Wing Station A

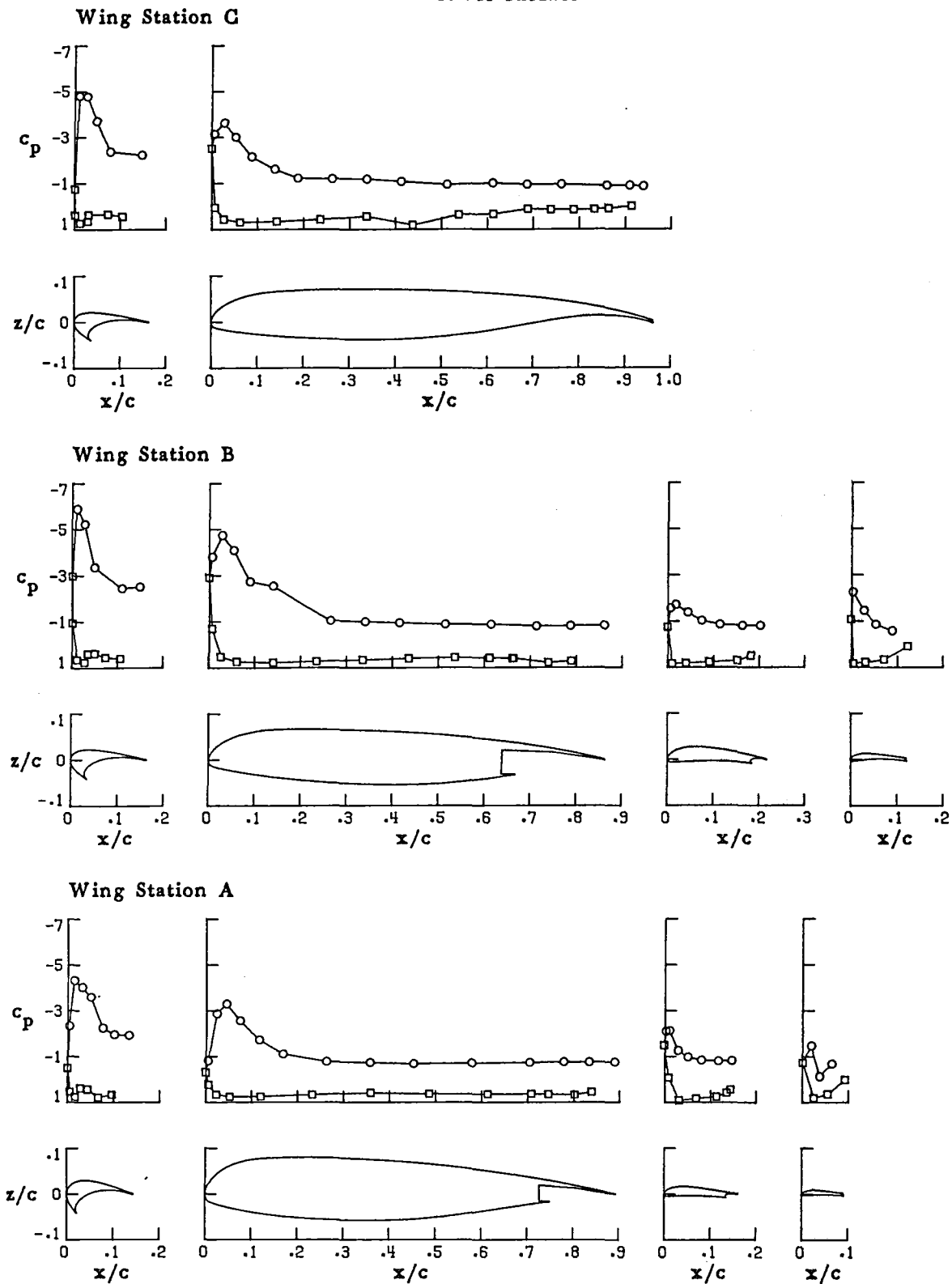


(h)  $\alpha = 24.373^\circ$

Figure 26-Continued.



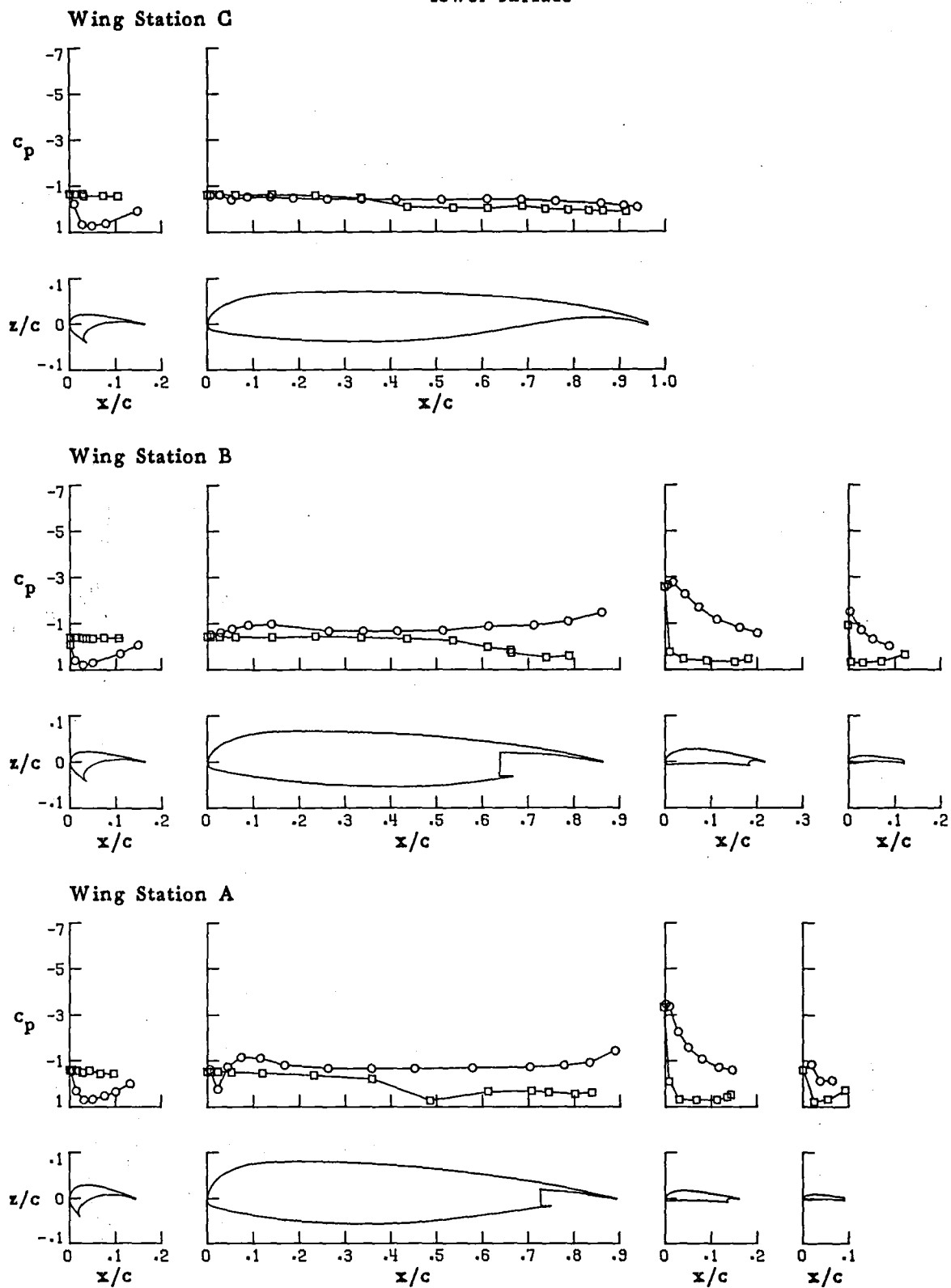
○ upper surface  
 □ lower surface



(i)  $\alpha = 28.363^\circ$

Figure 26.-Concluded.

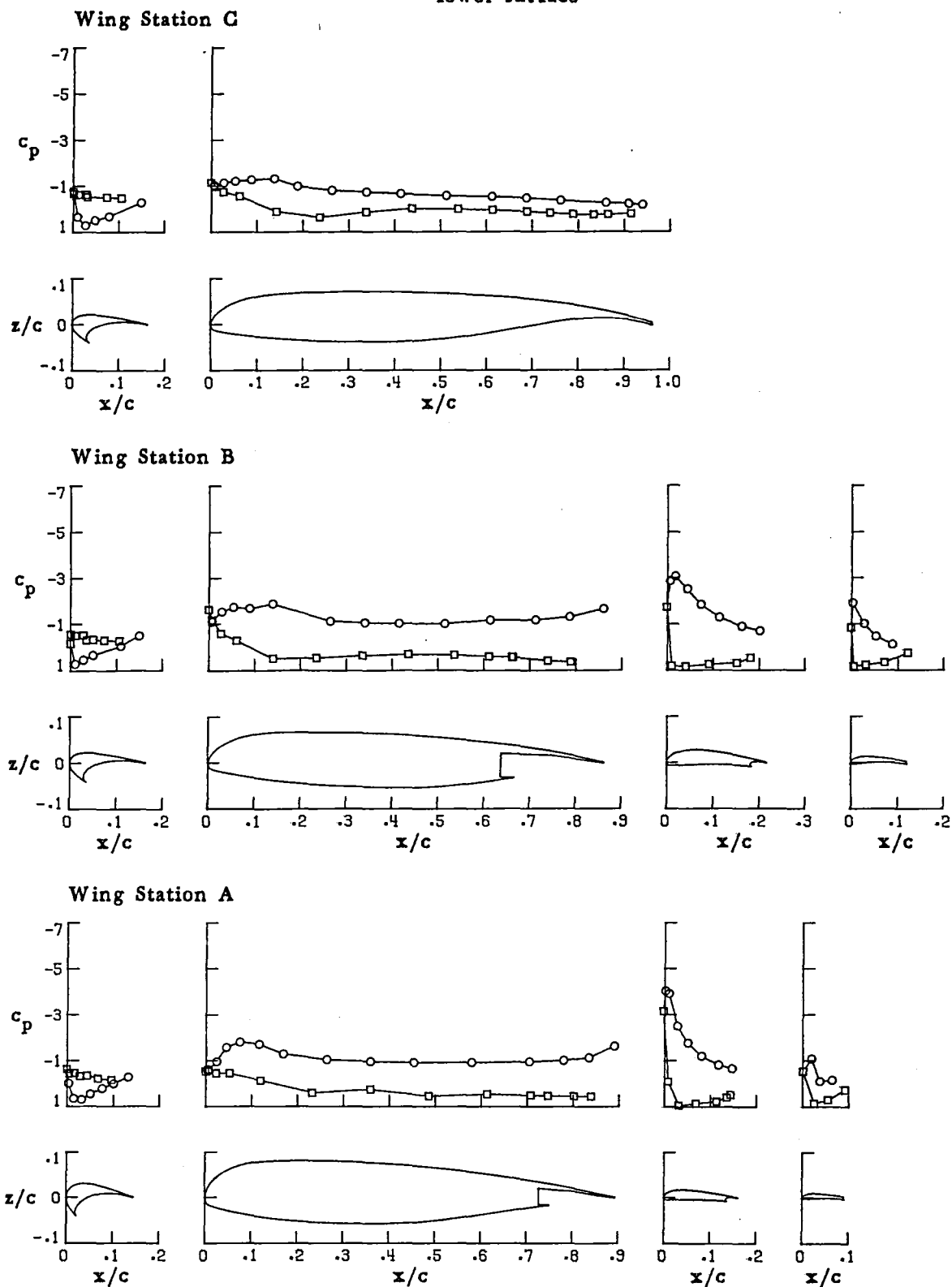
○ upper surface  
 □ lower surface



(a)  $\alpha = -3.859^\circ$

Figure 27. - Pressure distributions for aspect-ratio-10,  $60^\circ$  landing flap wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 25)

○ upper surface  
 □ lower surface

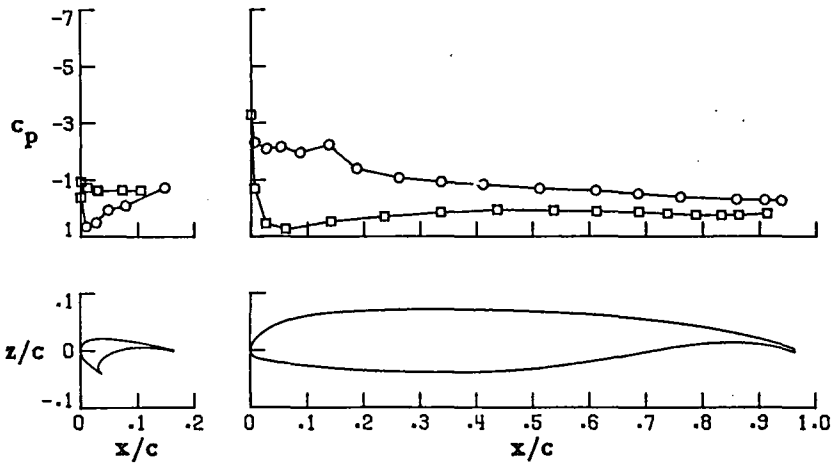


(b)  $\alpha = .213^\circ$

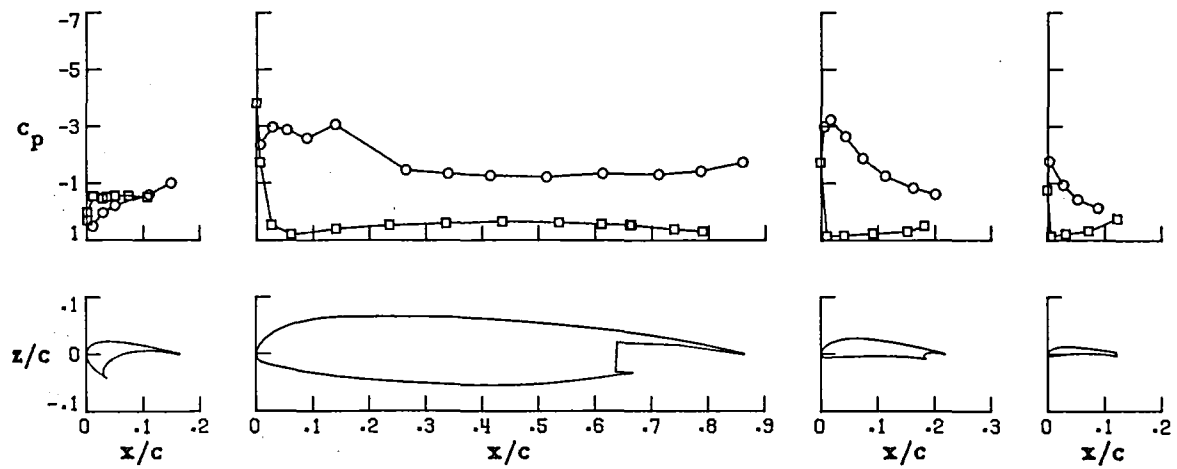
Figure 27.-Continued.

○ upper surface  
 □ lower surface

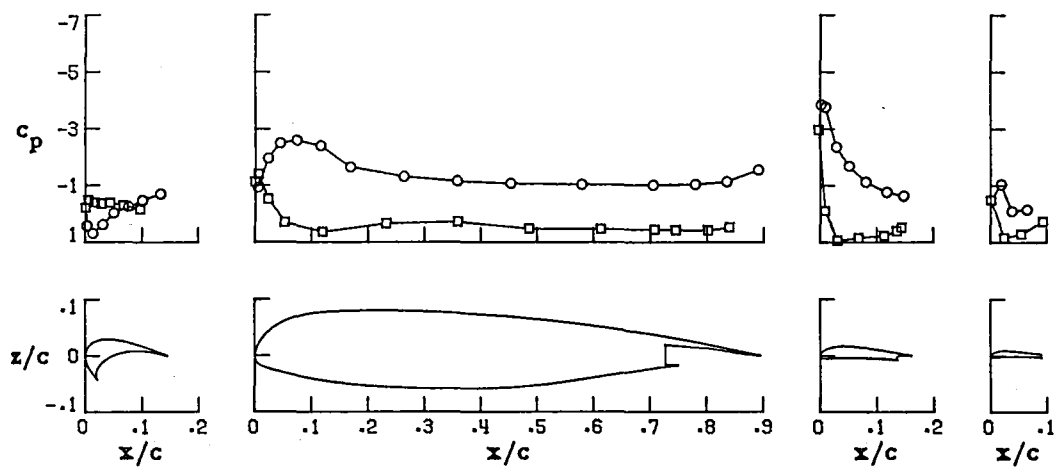
Wing Station C



Wing Station B



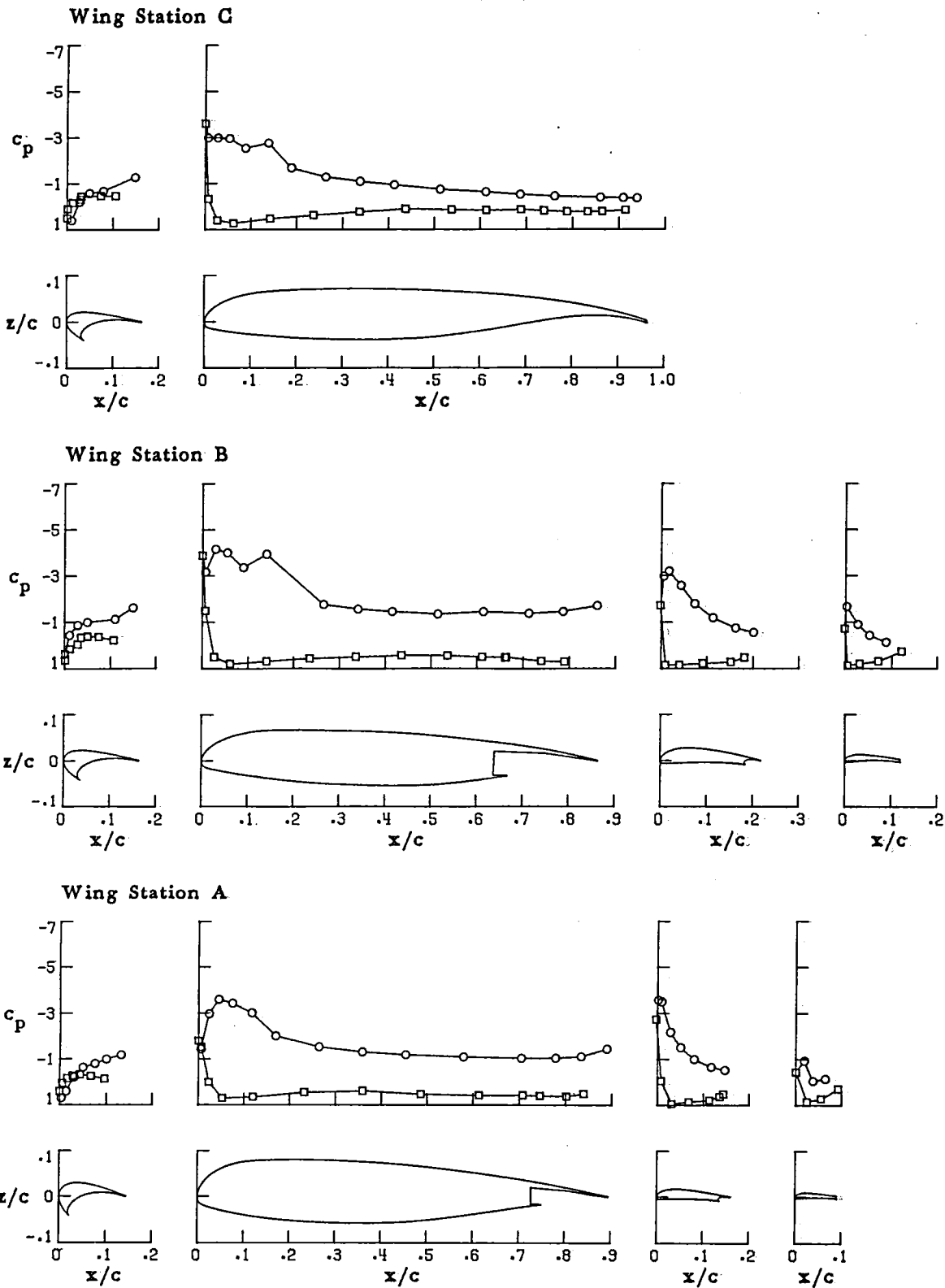
Wing Station A



(c)  $\alpha = 4.399^\circ$

Figure 27.-Continued.

○ upper surface  
 □ lower surface

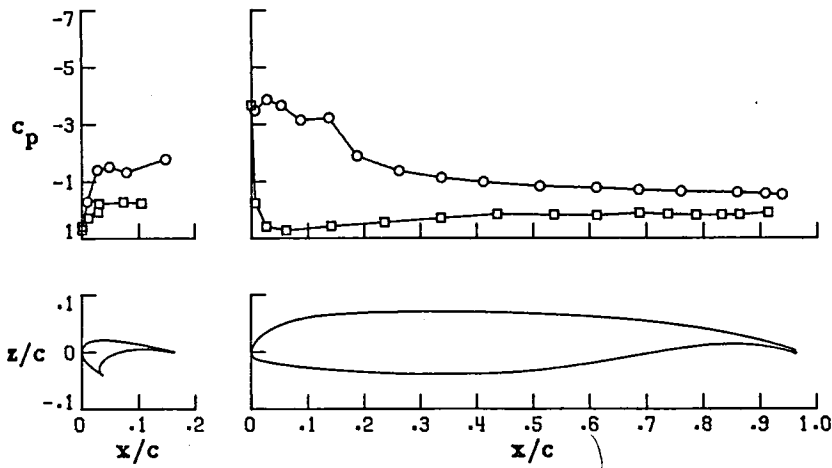


(d)  $\alpha = 8.398^\circ$

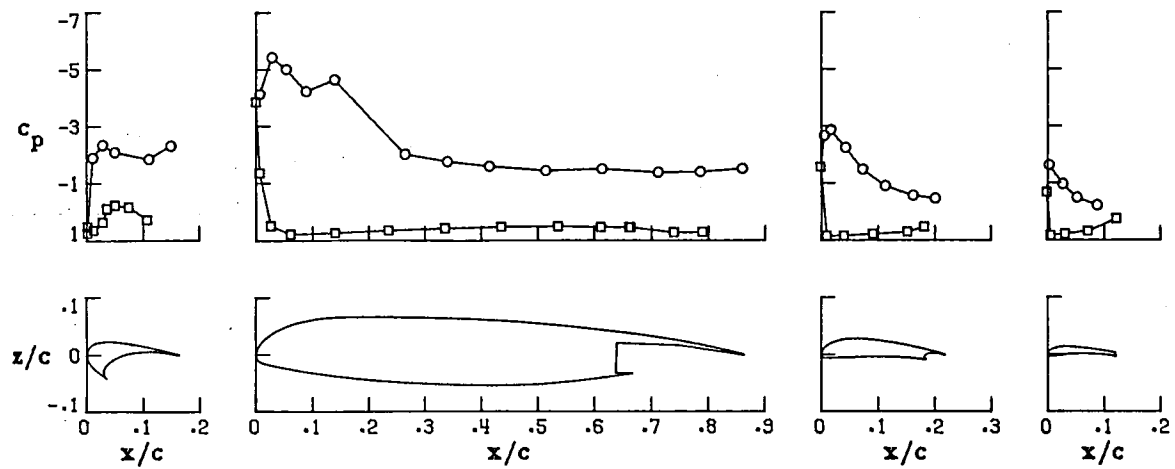
Figure 27.-Continued.

○ upper surface  
 □ lower surface

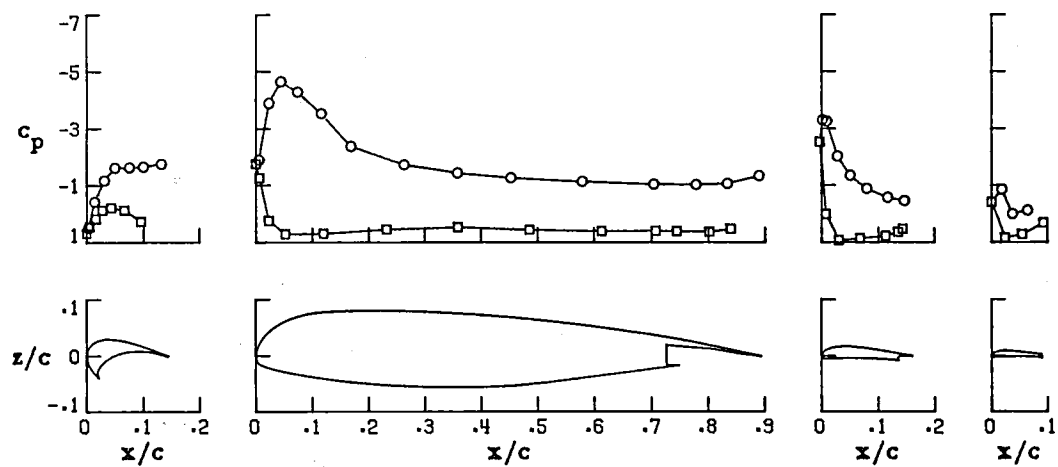
Wing Station C



Wing Station B



Wing Station A

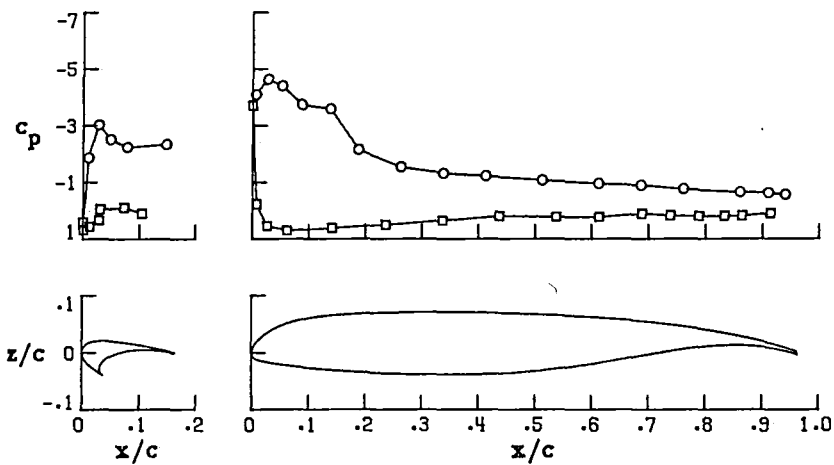


(e)  $\alpha = 12.462^\circ$

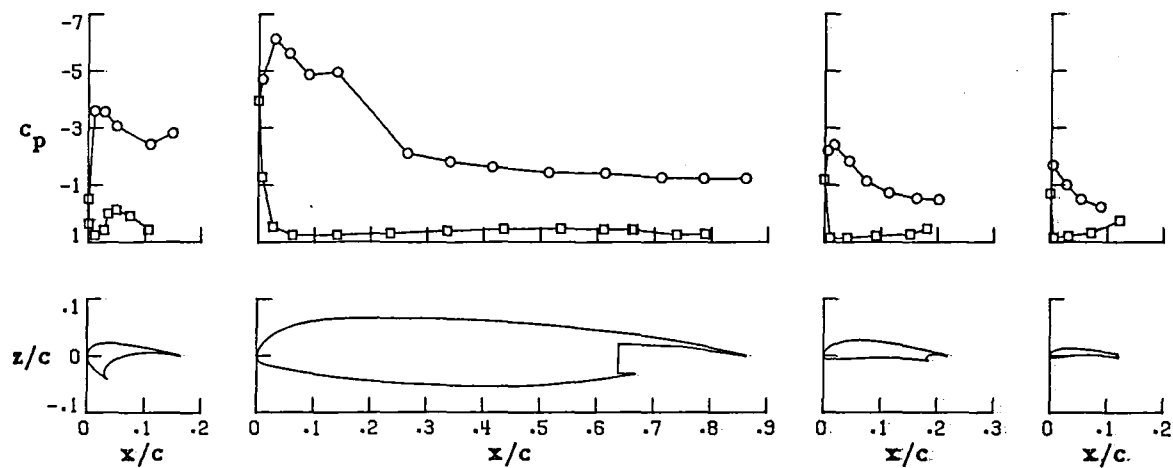
Figure 27.-Continued.

○ upper surface  
 □ lower surface

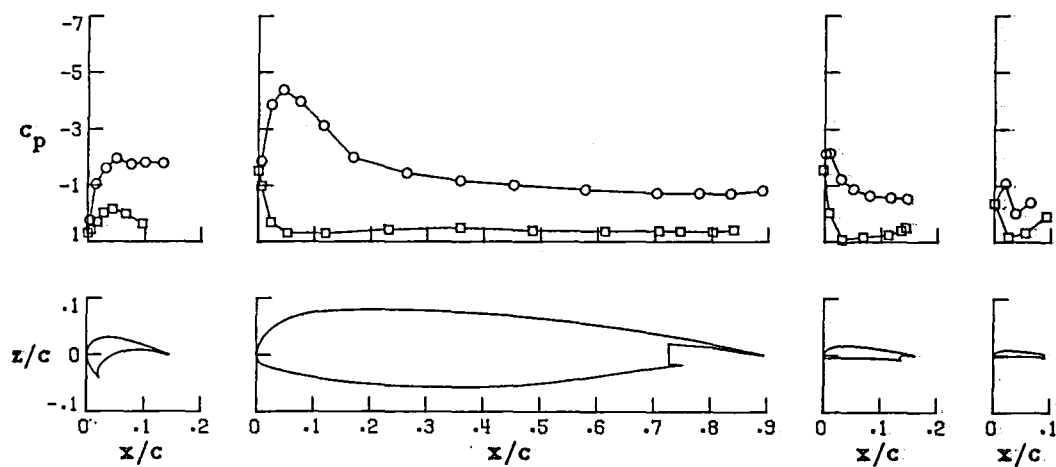
Wing Station C



Wing Station B



Wing Station A

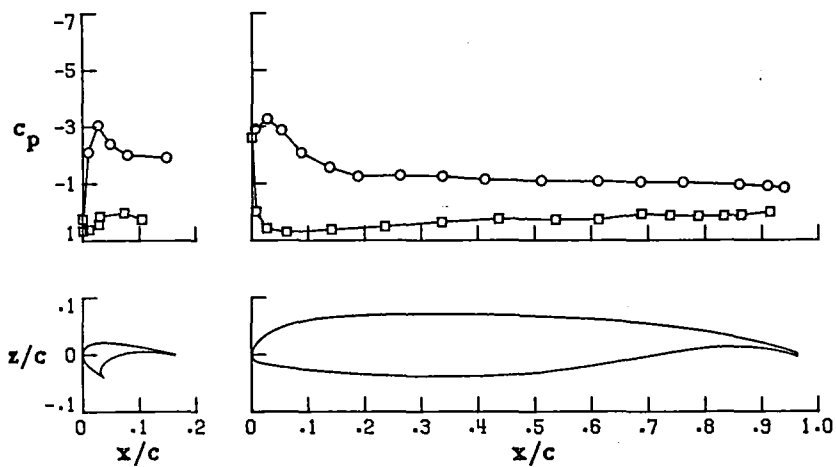


(E)  $\alpha = 16.489^\circ$

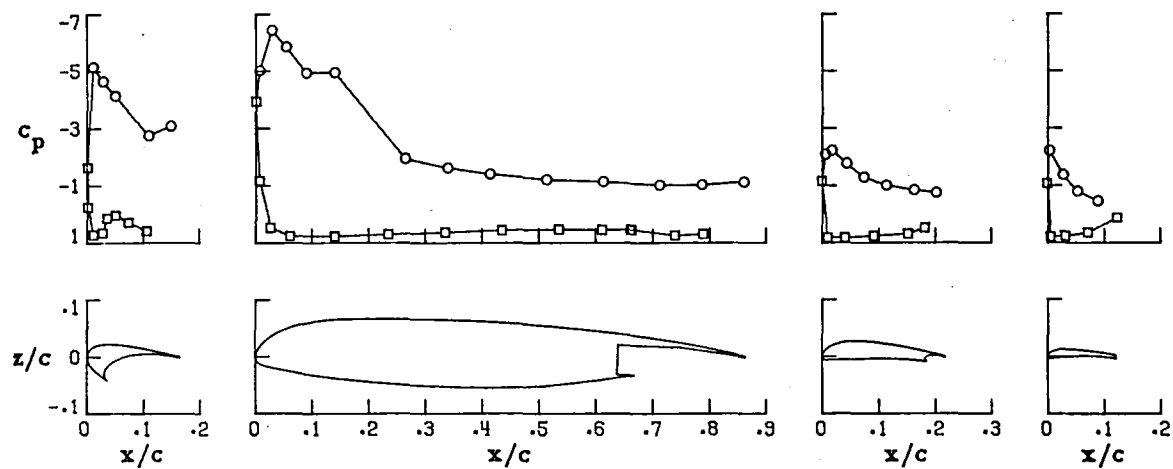
Figure 27.-Continued.

○ upper surface  
 □ lower surface

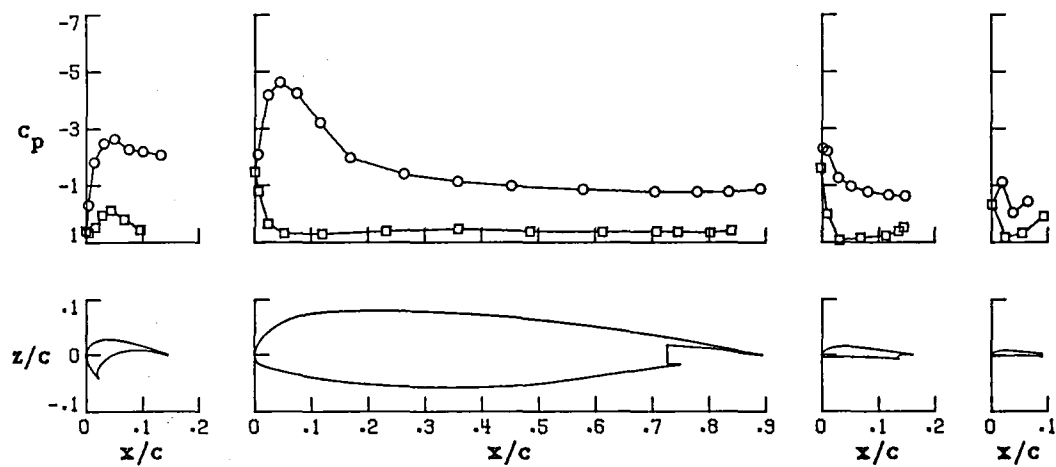
Wing Station C



Wing Station B



Wing Station A



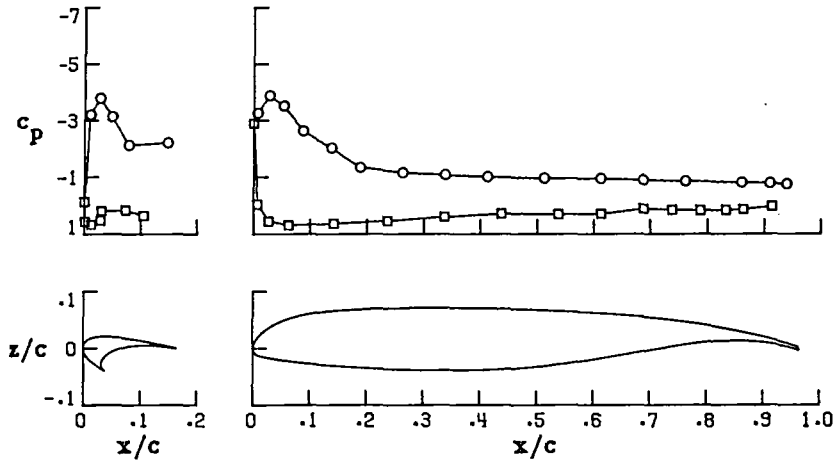
(g)  $\alpha = 20.514^\circ$

Figure 27.-Continued.

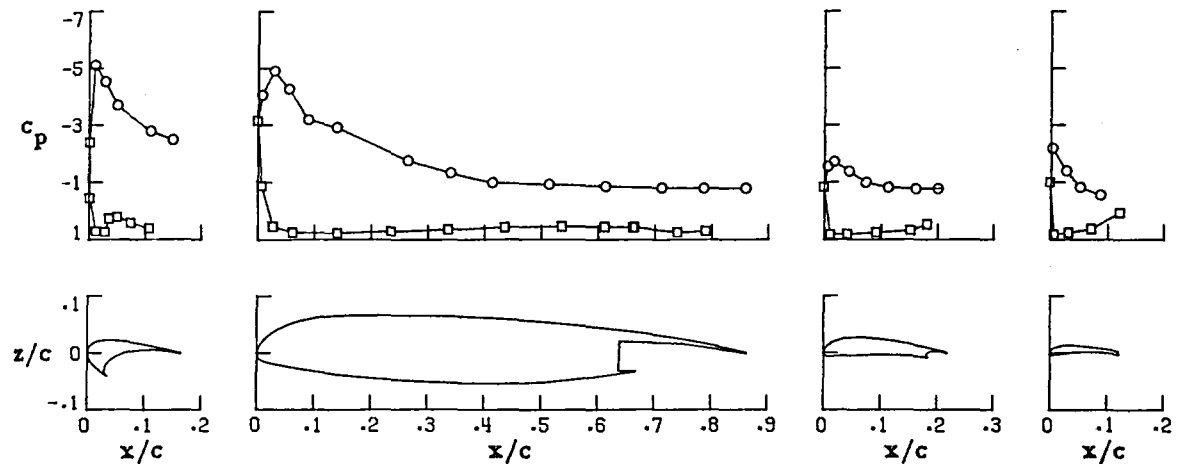


○ upper surface  
 □ lower surface

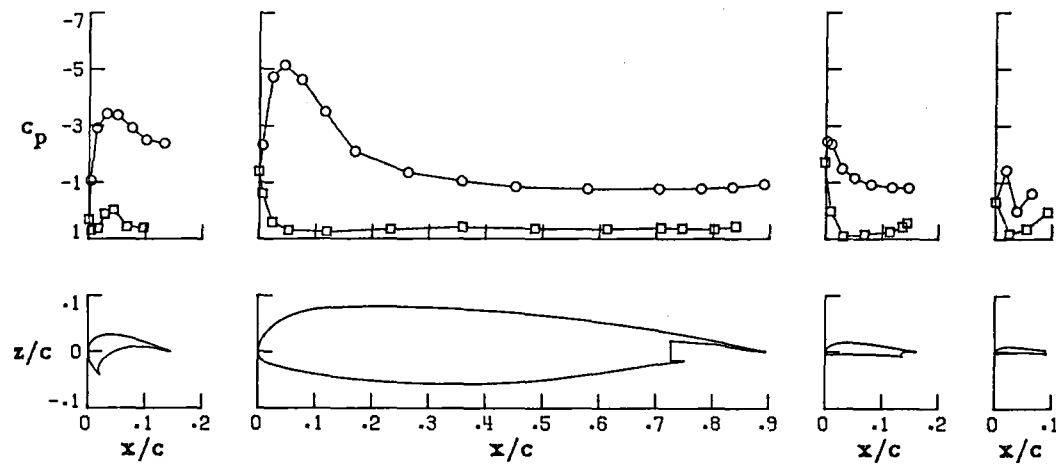
Wing Station G



Wing Station B



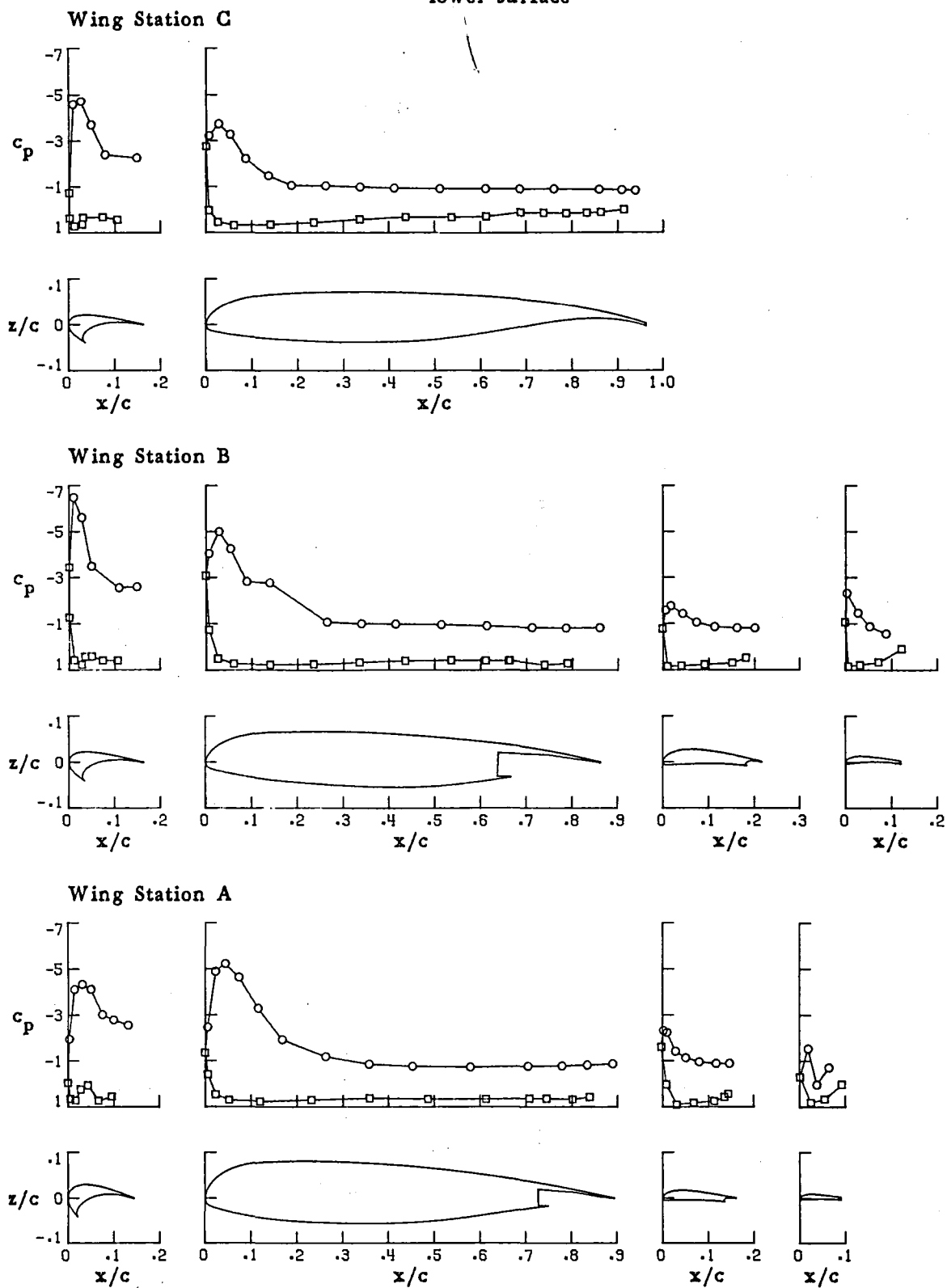
Wing Station A



(h)  $\alpha = 24.543^\circ$

Figure 27.-Continued.

○ upper surface  
 □ lower surface

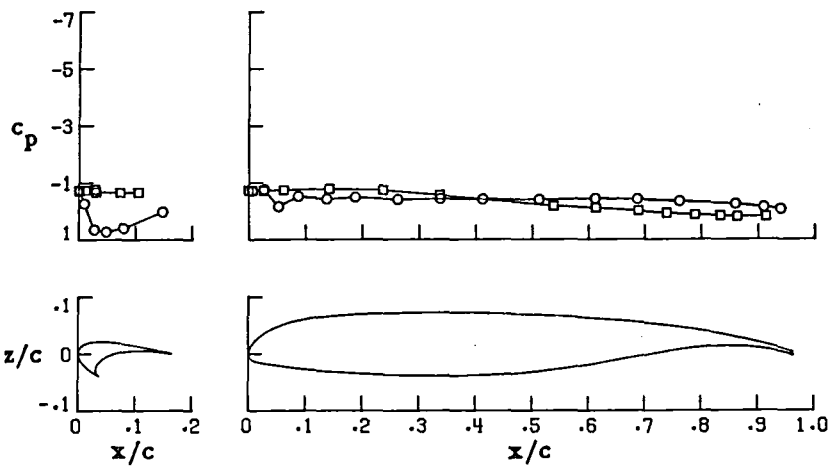


(i)  $\alpha = 28.547^\circ$

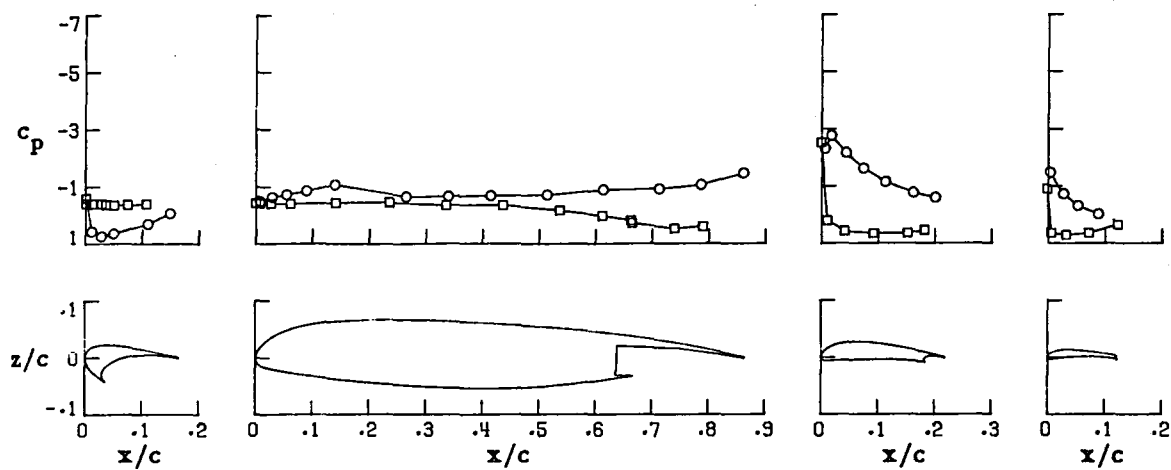
Figure 27.-Concluded.

○ upper surface  
 □ lower surface

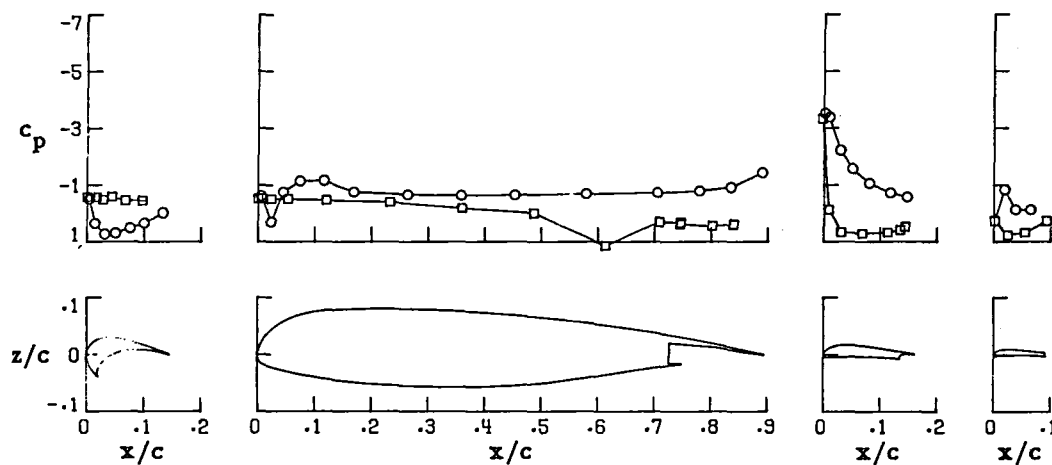
Wing Station C



Wing Station B



Wing Station A

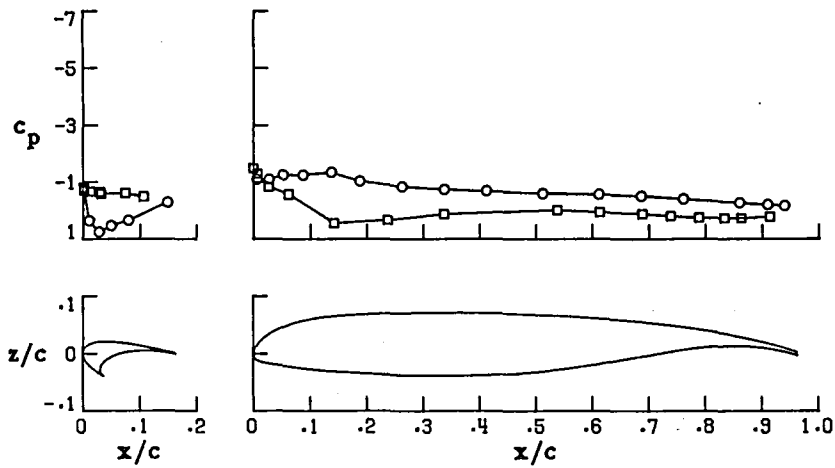


(a)  $\alpha = -3.838^\circ$

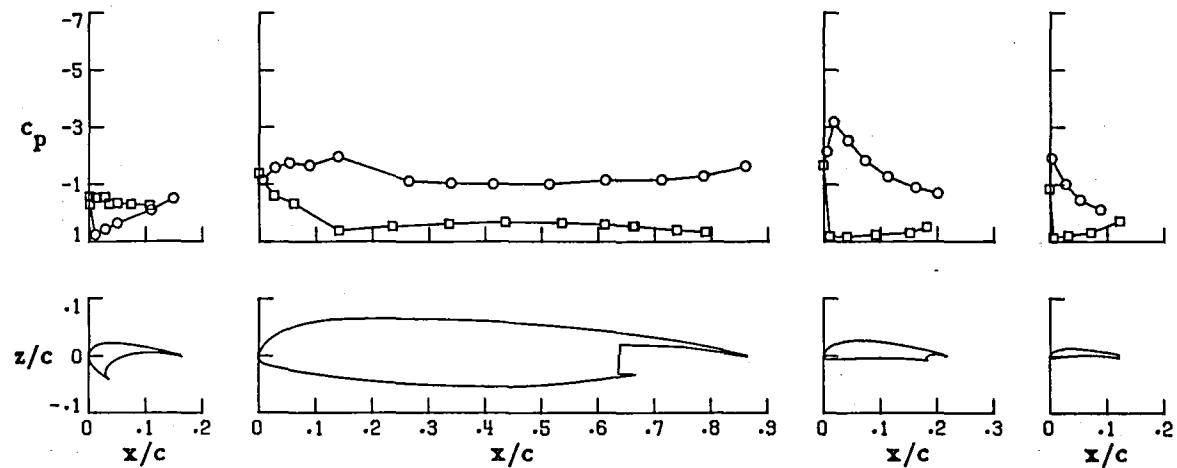
Figure 28. - Pressure distributions for aspect-ratio-12,  $60^\circ$  landing flap wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 34)

○ upper surface  
 □ lower surface

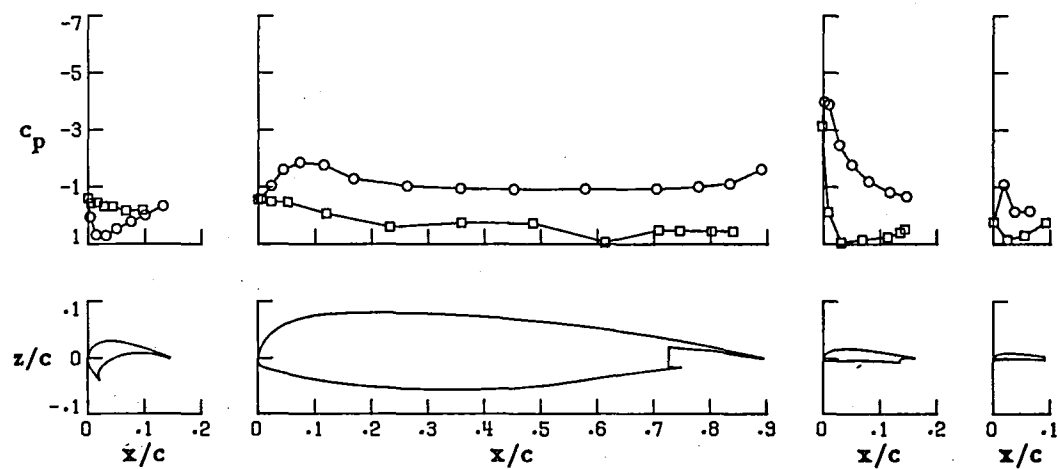
Wing Station C



Wing Station B



Wing Station A

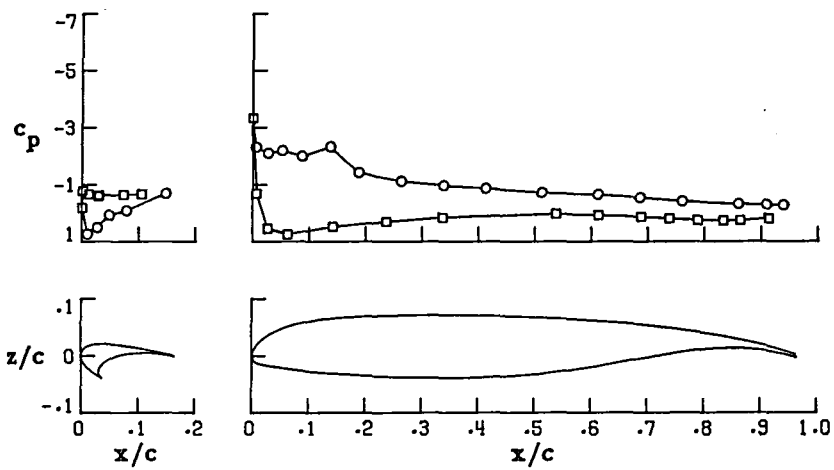


(b)  $\alpha = .296^\circ$

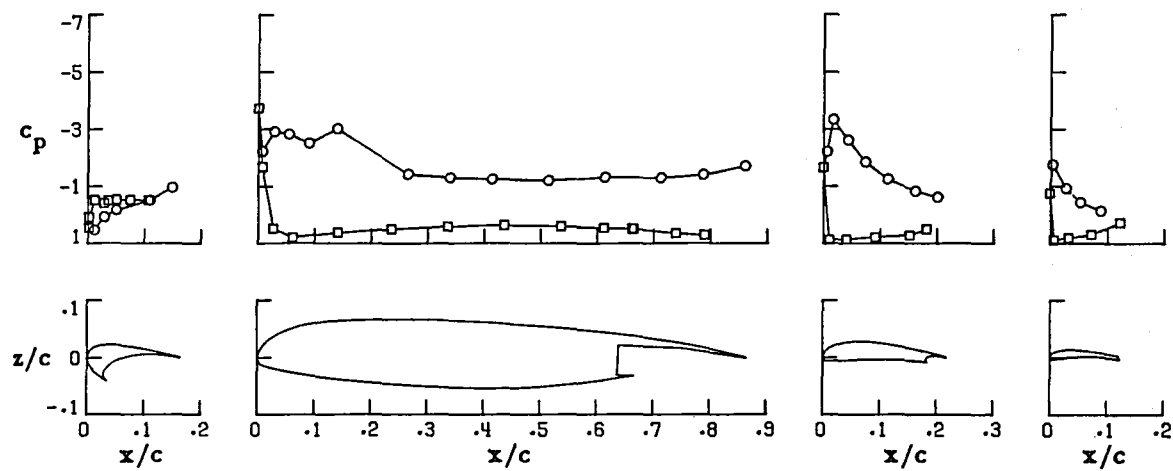
Figure 28.-Continued.

○ upper surface  
 □ lower surface

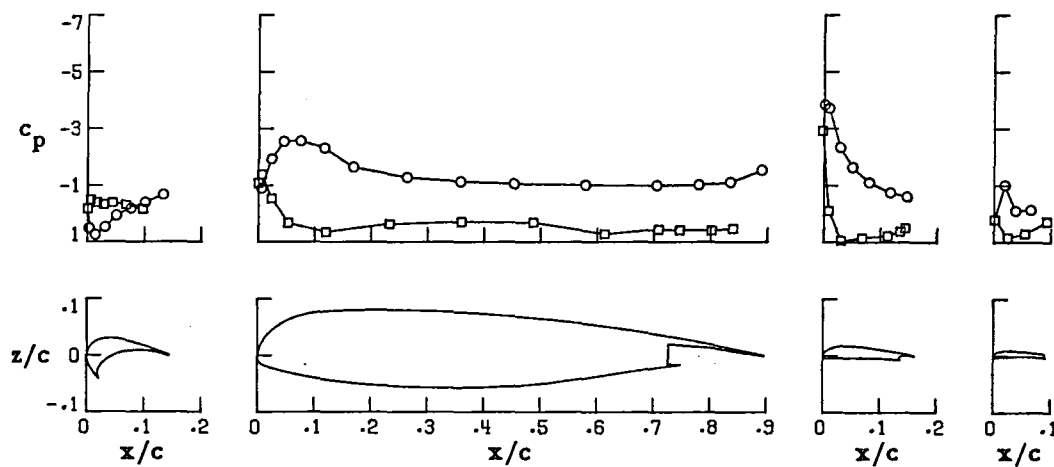
Wing Station C



Wing Station B



Wing Station A

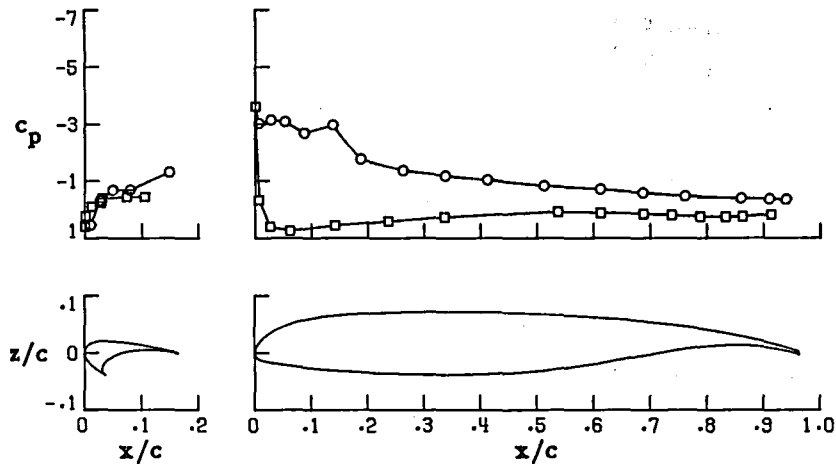


(c)  $\alpha = 4.304^\circ$

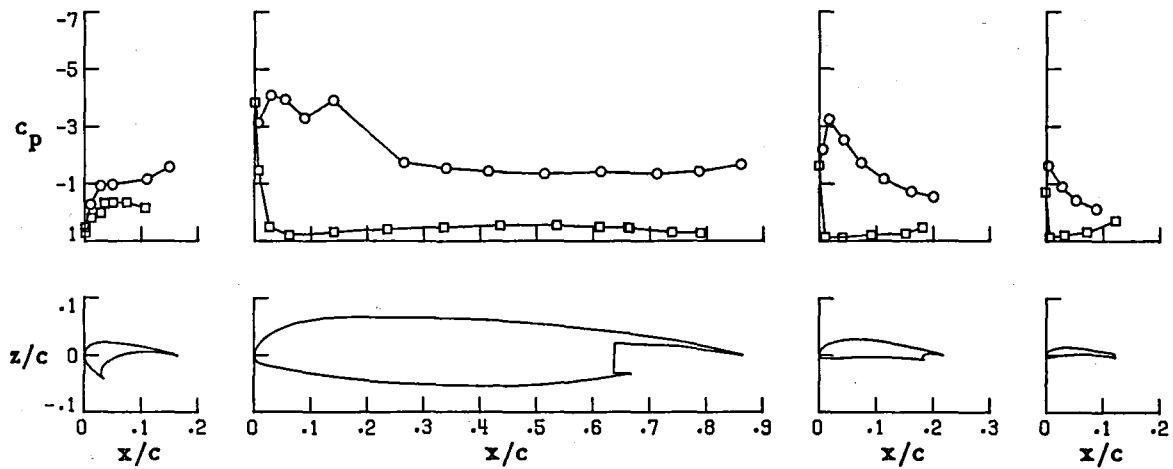
Figure 28.-Continued.

○ upper surface  
 □ lower surface

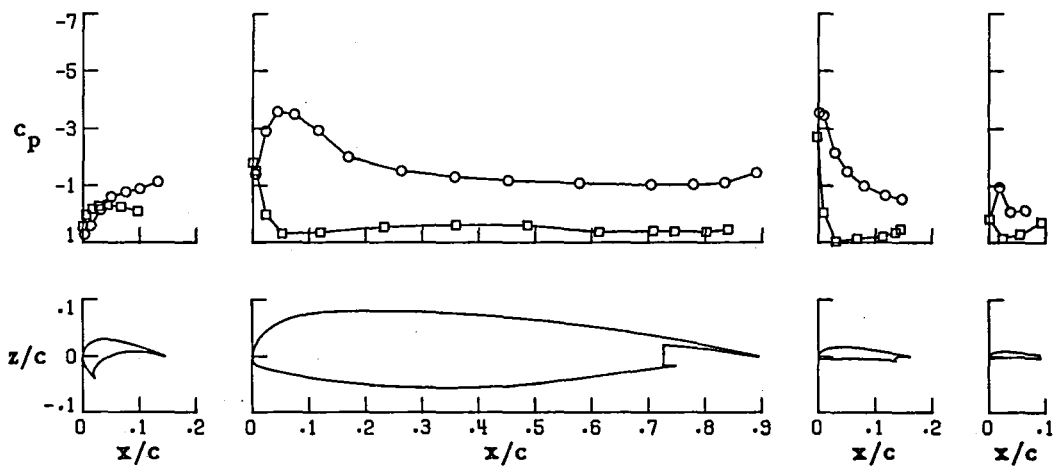
Wing Station C



Wing Station B



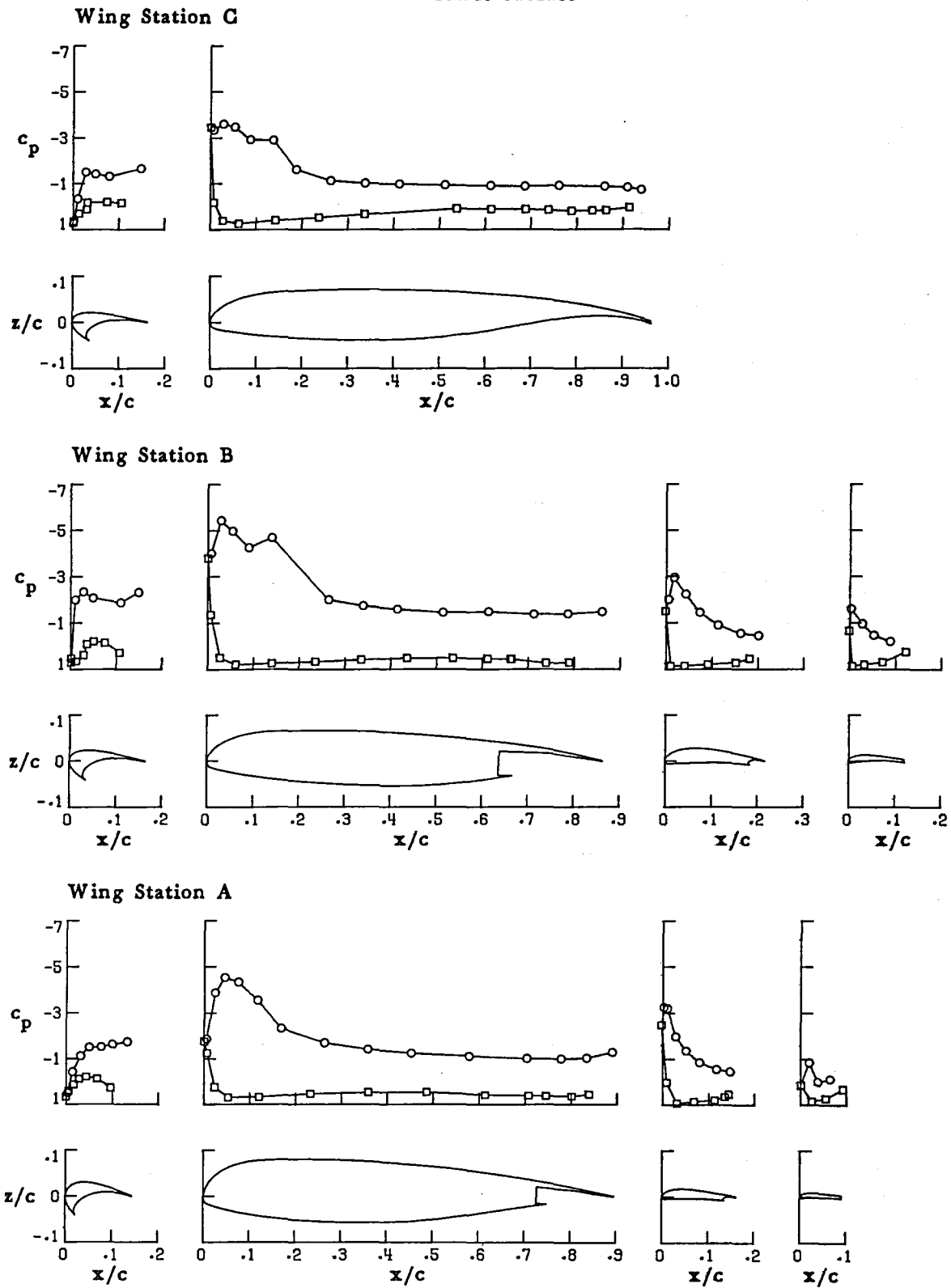
Wing Station A



(d)  $\alpha = 8.364^\circ$

Figure 28.-Continued.

○ upper surface  
 □ lower surface

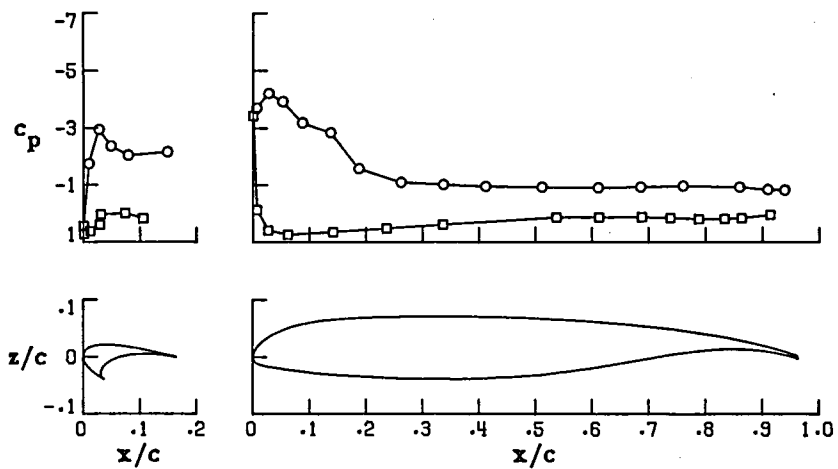


(e)  $\alpha = 12.443^\circ$

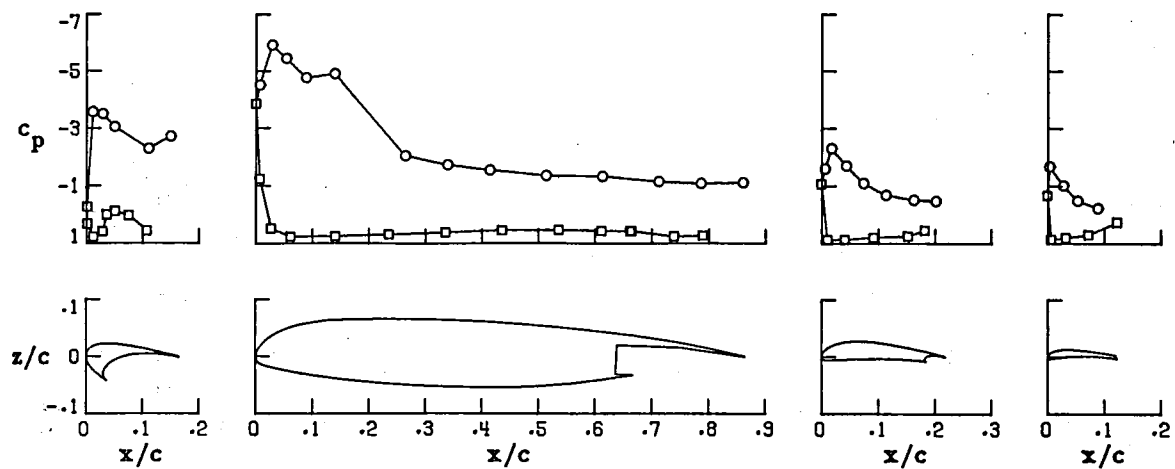
Figure 28.-Continued.

○ upper surface  
 □ lower surface

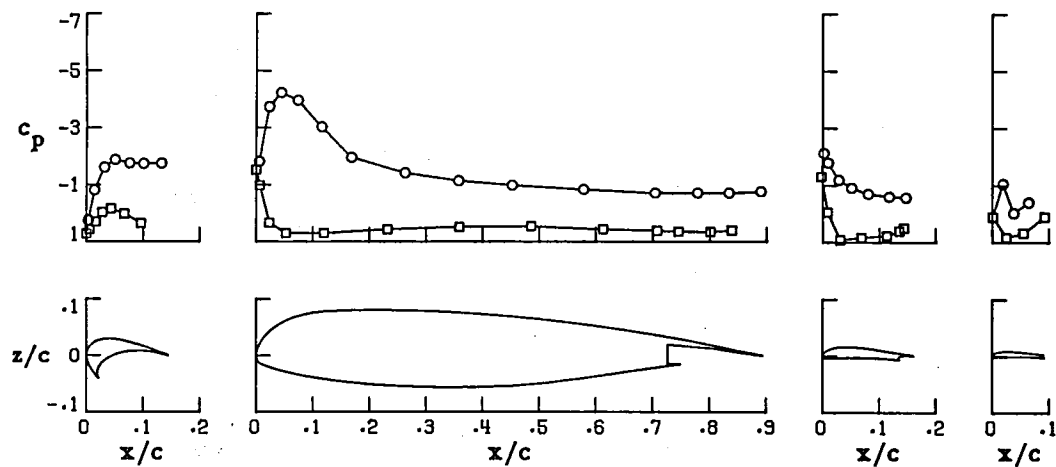
Wing Station C



Wing Station B



Wing Station A



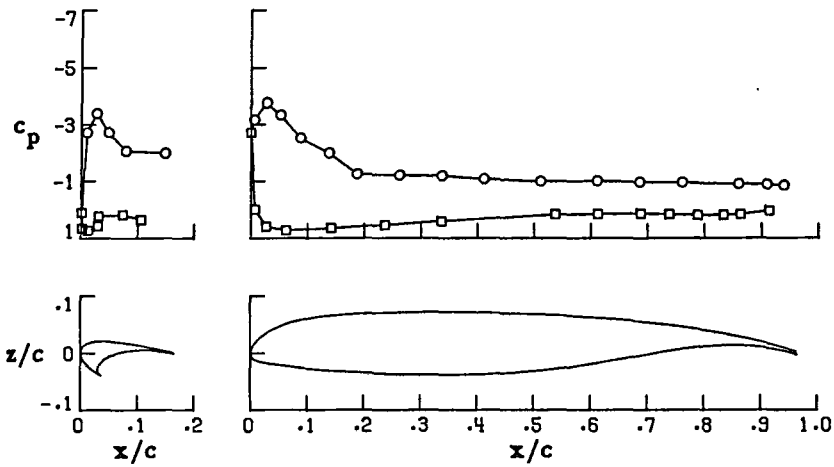
(f)  $\alpha = 16.458^\circ$

Figure 28.-Continued.

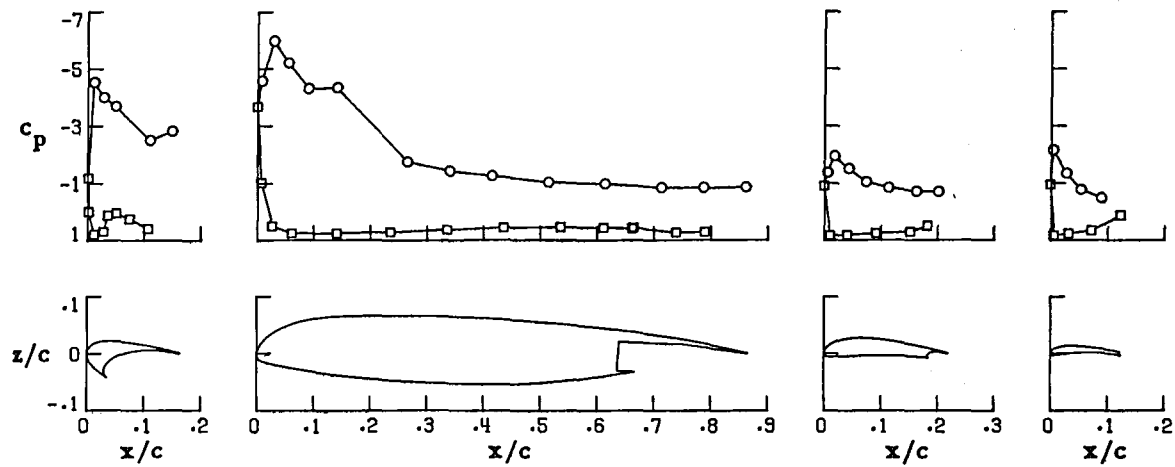


○ upper surface  
 □ lower surface

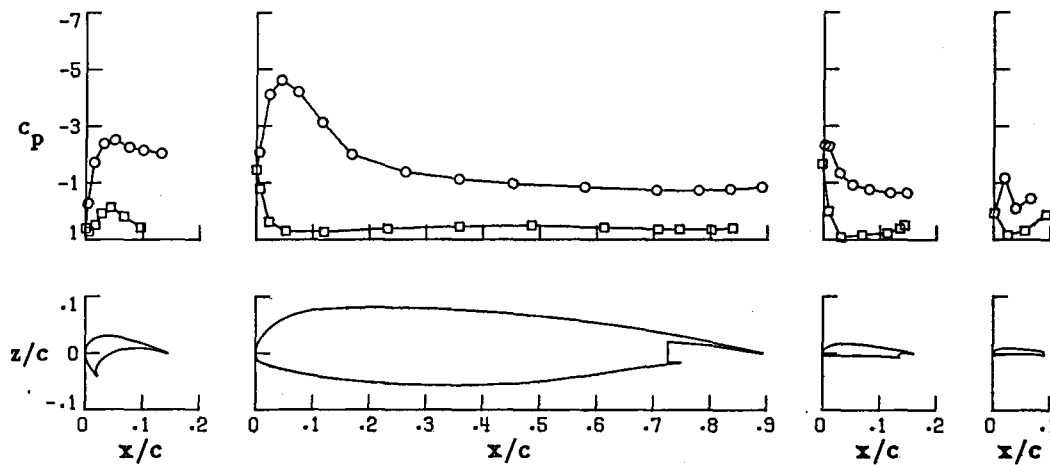
Wing Station C



Wing Station B



Wing Station A

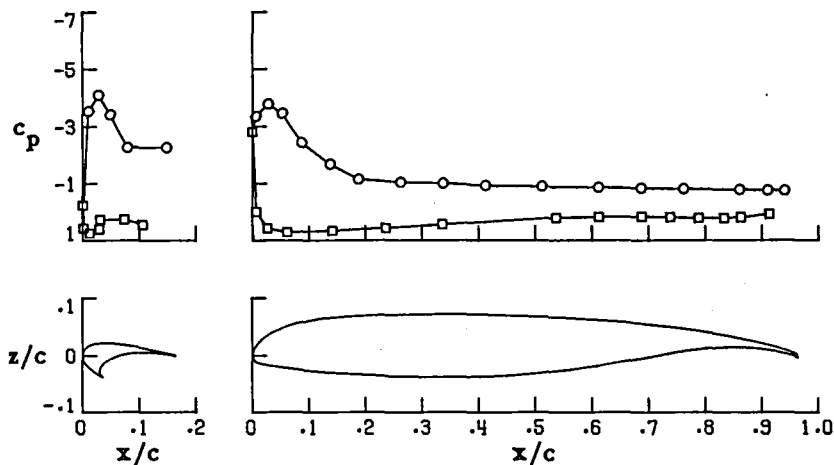


(g)  $\alpha = 20.468^\circ$

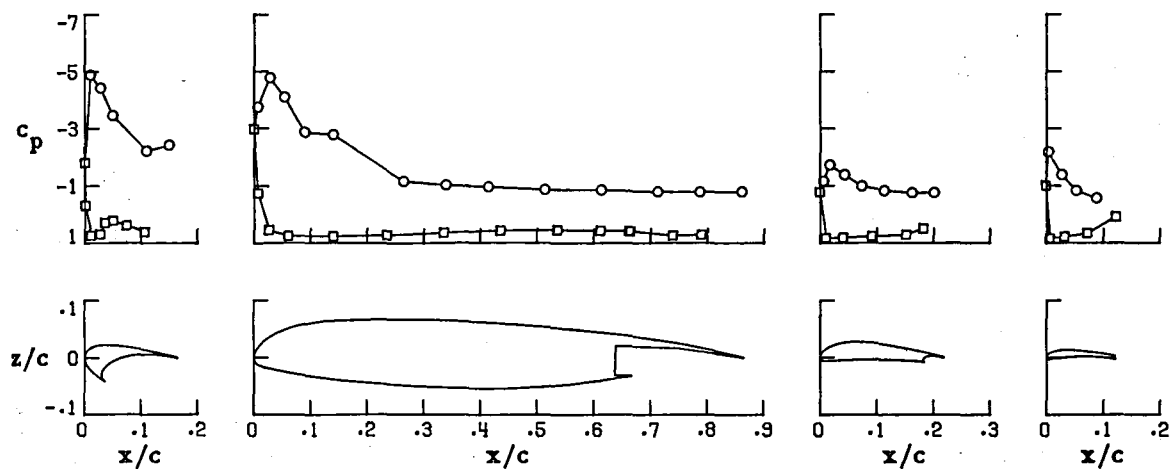
Figure 28.-Continued.

○ upper surface  
 □ lower surface

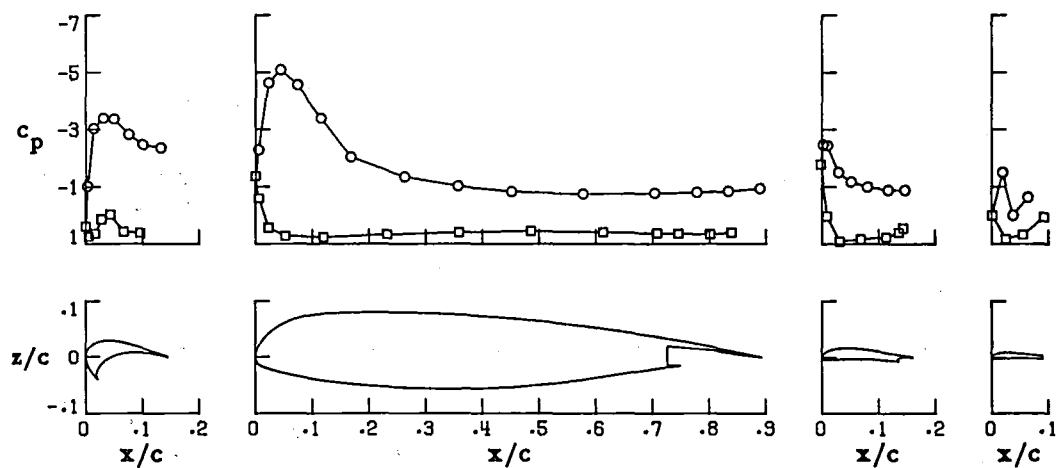
Wing Station C



Wing Station B



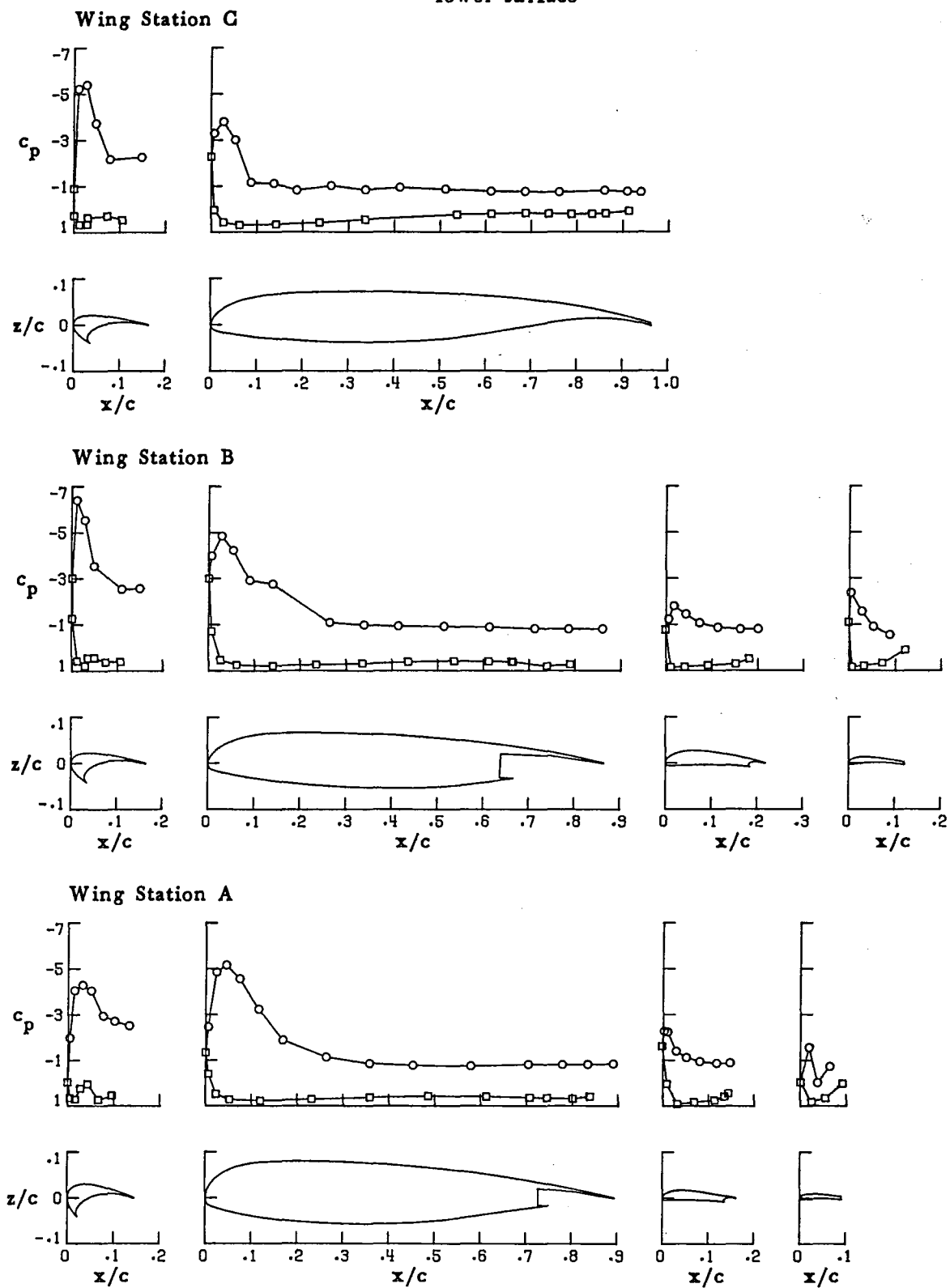
Wing Station A



(h)  $\alpha = 24.498^\circ$

Figure 28.-Continued.

○ upper surface  
 □ lower surface



(i)  $\alpha = 28.522^\circ$

Figure 28.-Concluded.

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16. Abstract <p>A 2.29 m (7.5 ft.) span high-lift research model equipped with full-span leading-edge slat and part-span double-slotted trailing-edge flap was tested in the Langley 4- by 7-Meter Tunnel to determine the low-speed performance characteristics of a representative high-aspect-ratio supercritical wing. These tests were performed in support of the Energy Efficient Transport (EET) program which is one element of the Aircraft Energy Efficiency (ACEE) project. Static longitudinal forces and moments and chordwise pressure distributions at three spanwise stations were measured for cruise, climb, two take-off flap, and two landing flap wing configurations. This report presents the tabulated and plotted pressure distribution data and is presented without analysis or discussion.</p>			
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