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PRESSURE DISTRIBUTION DATA FROM TESTS OF 2.29 M (7.5 FT) SPAN EET HIGH-LIFT TRANSPORT AIRCRAFT MODEL IN THE AMES 12-FOOT PRESSURE TUNNEL

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SUMMARY

A high-lift transport aircraft model equipped with full-span leading-edge slat and part-span double-slotted trailing-edge flap was tested in the Ames 12-ft pressure 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 areas further require the use of flap systems that generate proportionally greater lift coefficients 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 existing transports. Tests by the manufacturer of this new double-slotted flap combination 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. This model was equipped with both a part- and 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 tests in the Langley 4- by 7-Meter Tunnel 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 1.63×10^6 at 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, aspect ratio 12 model was fabricated for tests in the Ames 12-Foot Pressure Tunnel which is capable of obtaining a Reynolds number of 4.2×10^6 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. Data from these tests are reported in reference 5. The model was then tested in the Ames 12-Foot Pressure tunnel. 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 m^2 (4.69 $ft.^2$), 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 m^2 (4.38 $ft.^2$), 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.

AR	aspect ratio, b^2/S
b	span, m (ft.)
c	local wing chord, cm (in.)
$\bar{c}$	reference mean geometric chord, cm (in.)
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_m (CPM)	pitching-moment coefficient, $\frac{\text{Pitching Moment}}{qS\bar{c}}$
J_1	wind tunnel jet-boundary correction terms for drag due to lift term
J_2	wind tunnel jet-boundary correction terms for α change due to lift term
J_3	wind tunnel jet-boundary correction terms for pitching-moment due to lift term
L/D	lift to drag ratio
M (MACH)	free-stream Mach number
p	local static pressure, (lb/ft^2)
q(Q or QINF)	free-stream dynamic pressure, (lb/ft^2)
R	Free stream Reynolds number based on $\bar{c}$
S	wing reference area, m^2 (ft^2)

x,y,z (X,Y,Z)	coordinates of wing pressure taps in wing-reference axis systems, cm (in.)
α (ALPHA)	angle of attack of model reference centerline, positive nose up, deg.
δ_f	equivalent flap deflection angle, positive trailing edge down, deg. ($\delta_f = \delta_{vane} + \delta_{aft\text{-}flap}$)
δ_s	slat deflection angle, positive trailing edge down, deg.
η	spanwise station percent b/2

Subscripts:

i	inboard
ℓ	local
o	outboard
∞	free-stream

Notation:

ISUBT	Tail identification (on, off)
TAP ID	tap identification number

MODEL DESCRIPTION

The model (fig. 1(a)) 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(b). 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 6. 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 6 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 rows of pressure taps at three streamwise stations labelled A (η = .24 for AR 12), B (η = .55 for AR 12), and C (η = .80 for AR 12).

The number of pressure taps at each station depends on the wing configuration. At each of the three stations, several component combinations are possible as illustrated in figure 4. The component designation is summarized in table 5 where the component labels (A through G) are related to their descriptions. It should be noted that all combinations presented in figure 4 were possible at stations A and B. For the most complex combination of components (A, B, C, and D) station A has 66 pressure taps and station B

has 64 pressure taps. However, at station C only combinations using components of A and E, there are 44 pressure taps. The tap identification numbers and wing coordinates for each pressure tap possible at stations A, B, and C are given in tables 2, 3, and 4, respectively. These tables include all of the pressure tap locations at each station. However, as illustrated above, only a portion of these taps are present on a given wing configuration. For this reason all of the tabulated pressures are identified by both the tap identification number and the airfoil component letter. For example, in table 8, the pressure coefficient is given for tap 101F. Table 2 shows that tap 101 is located at the leading edge of station A and figure 4 identifies component F as the basic airfoil.

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 Ames 12-Foot Pressure Tunnel is a variable density low-turbulence tunnel that can operate at subsonic speeds up to a Mach number of 0.98 with continuous flow. The tunnel can be pressurized to approximately 5 atmospheres

to provide a maximum free-stream Reynolds number of 9.0 million per foot. The tunnel has a circular test section 12.0 feet in diameter and 18 feet in length with partial interior flat floor, ceiling, and sidewall segments. During the tests of this model , the stagnation pressure was varied from 1 to 5 atmospheres at a free-stream Mach number of 0.2 , which produced a corresponding Reynolds number range of 1.3 to 6.0 million per foot and a dynamic pressure range of approximately 60 to 270 lb/ft^2. Several configurations were also tested through a Mach number range of 0.15 to 0.30 at a Reynolds number of 4.0 million per foot.

The angle-of-attack range used in the test was -6° to 30°. The angle-of-attack was measured by an electronic inclinometer mounted inside the forward portion of the fuselage. The wing surface pressures were measured by differential pressure transducers and four 48-port pressure scanning valves. Fuselage chamber pressure was also measured by a differential pressure transducer. The aerodynamic forces were measured by a six-component strain-gage balance mounted inside the fuselage. Previous tests of the larger 12-foot span model in the Langley 4- by 7-Meter Tunnel showed that the use of boundary layer transition strips had almost no affect on the aerodynamic performance of the model (ref. 3); therefore, no transition strips were applied to this model during tests in either the Langley or Ames tunnels.

Wind-tunnel jet-boundary corrections were determined according to references 7 and 8 and were applied to the force and moment data. The corrections were applied as follows:

$$C_{D,corr} = C_D + J_1 C_L^2$$

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

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

Wing, body, wake, and strut solid-blockage corrections were also applied to the data and were determined according to reference 9. The solid-blockage correction for the strut was estimated to be 0.25 times the ratio of strut-frontal to tunnel-cross-section areas. Due to the relatively small ratio of model-span to tunnel-width, the difference between the jet-boundary and solid-blockage corrections for the aspect-ratio-10 and -12 wing configurations in the Langley tunnel were very small; therefore, an average correction value was applied to the data. The following table lists the correction values that were applied to the data for tests in the Ames tunnel:

Correction	Ames 12-Foot Pressure Tunnel	
	Aspect ratio 10	Aspect ratio 12
Jet boundary:		
J_1	0.0060	0.0065
J_2,deg	0.3426	0.3700
J_3	0.0113	0.0124
Solid blockage:		
Wing	0.00024	0.00026
Body	0.00153	0.00161
Wake	0.01010	0.01081
Strut	0.00539	0.00539

Drag corrections due to model chamber pressure referenced to free-stream static pressure were also applied to the data.

PRESENTATION OF RESULTS

This report represents the tabulated and plotted pressure distribution data for 28 runs which are representative of the wing configurations tested. The configurations and their corresponding run numbers are summarized in Table 6. Table 7 is a figure and table index relating run numbers with its corresponding tabulated and plotted pressure distributions, and tabulated longitudinal stability-axis force and moment coefficients. In each of the tabulated pressure distribution tables, the component letter designation is (refer to figure 4) is listed adjacent to each tap identification number and the pressures for each component are listed starting at the top with the lower surface trailing edge tap proceeding clockwise to the upper surface trailing edge tap.

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Table 1.- SUMMARY OF THE DEFLECTIONS, GAP, AND OVERLAP VALUES OF THE CONFIGURATION-COMPONENT COMBINATIONS TESTED

Configurations	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	28.861 (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 (.638)
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)	1.950 (.431)
126	26.861 (10.575)	21.039 (8.283)	.625 (.246)
127	26.861 (10.575)	23.175 (9.124)	.274 (.108)
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 (10.540)	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)	-.168 (-.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)	25.522 (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	26.584 (10.575)	26.584 (10.466)	-.417 (-.164)
161	26.861 (10.575)	27.117 (10.676)	-.505 (-.199)
162	26.861 (10.575)	27.866 (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)	27.569 (10.854)	-.820 (-.323)
166	26.543 (10.450)	28.639 (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 (25.750)	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

T496 C_p RUNS TAIL OFF

RUN	$R\bar{c}/10^6$	AR	δ_{s_i}	δ_{s_o}	δ_f	NACELLES	GEAR
Cruise Configuration:							
2	0.88	12	---	---	---	off	off
5	1.35	"	---	---	---	"	"
4	2.71	"	---	---	---	"	"
3	4.06	"	---	---	---	"	"
10	0.91	10	---	---	---	off	off
8	2.80	"	---	---	---	"	"
7	4.20	"	---	---	---	"	"
13	0.91	"	---	---	---	on	"
11	4.20	"	---	---	---	"	"
Climb Configuration:							
40	4.06	12	-50	-50	---	on	off
27	4.20	10	-30	-30	---	"	"
36	4.20	"	-50	-50	---	"	"
31	4.20	"	-60	-60	---	"	"
Take-Off Configuration:							
80	4.06	12	-50	-50	15	on	off
76	4.20	10	-50	-50	15	on	off
84	4.06	12	-50	-50	30	on	off
90	4.20	10	-50	-50	30	on	off

Table 6. Tabulated Run and Configuration Data

T496 C_p RUNS TAIL OFF

RUN	$R\bar{c}/10^6$	AR	δ_{s_i}	δ_{s_o}	δ_f	NACELLES	GEAR
Landing Configuration:							
134	4.06	12	-50	-50	45	on	on
195	4.20	10	-30	"	"	"	"
199	"	"	-40	"	"	"	"
130	4.20	10	-50	-50	45	on	on
224	"	"	-30	-60	"	"	"
220	"	"	-40	"	"	"	"
216	"	"	-40	"	"	"	"
228	"	"	-60	"	"	"	"
139	4.06	12	-50	-60	60	on	on
143	4.20	10	"	"	"	on	on
148	4.20	10	"	"	"	on	off

Table 6. Concluded.

RUN	TABULATED C_p TABLE NUMBER	TABULATED LONGITUDINAL DATA TABLE NUMBER	PLOTTED C_p FIGURE FIGURE NUMBER
2	8-15	16	5 (a-h)
5	17-24	25	6 (a-h)
4	26-33	34	7 (a-h)
3	35-42	43	8 (a-h)
10	44-51	52	9 (a-h)
8	53-60	61	10 (a-h)
7	62-69	70	11 (a-h)
13	71-77	78	12 (a-g)
11	79-86	87	12 (a-h)
40	88-98	99	14 (a-k)
27	100-111	112	15 (a-l)
36	113-124	125	16 (a-l)
31	126-137	138	17 (a-l)
80	139-149	150	18 (a-l)

Table 7. Tabulated run, table, and figure correlation.

RUN	TABULATED C_p TABLE NUMBER	TABULATED LONGITUDINAL DATA TABLE NUMBER	PLOTTED C_p FIGURE FIGURE NUMBER
76	151-162	163	19 (a-l)
84	164-175	176	20 (a-l)
90	177-189	190	21 (a-m)
134	191-201	202	22 (a-k)
195	203-216	217	23 (a-n)
199	218-231	232	24 (a-n)
130	233-247	248	25 (a-n)
224	249-261	262	26 (a-m)
220	263-274	275	27 (a-l)
216	276-287	288	28 (a-l)
228	289-302	303	29 (a-n)
139	304-315	316	30 (a-l)
143	317-328	329	31 (a-l)
148	330-343	344	32 (a-n)

Table 7. Concluded.

TABLE 8 .- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = -3.97 DEGREES AND QINF = 2.74 KN/SQM (57.30 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
165F	.2482			264F	.0808			345F	.2033		
164F	.2817			263F	.2189			344F	.2158		
156F	.2901			262F	.2524			343F	.2033		
155F	.2901			255F	.2440			342F	.1782		
154F	.2692			254F	.2273			341F	.1030		
153F	.2399			253F	.1938			340F	.0528		
139F	.2022			252F	.1269			339F	-.0559		
138F	.1478			238F	-.0447			338F	-.2230		
137F	-.0154			237F	-.2314			337F	-.3359		
136F	-.2707			236F	-.3442			336F	-.3610		
135F	-.3711			235F	-.3777			335F	-.4278		
133F	-.5176			234F	-.4404			334F	-.5281		
132F	-.5469			232F	-.6660			333F	-.7371		
131F	-.5887			231F	-.7622			332F	-.9001		
110F	-.6604			210F	-.9193			310F	-1.1072		
109F	-.5560			208F	-.7857			309F	-1.2450		
108F	.0202			201F	.5255			308F	-1.0529		
101F	.6591			202F	.6758			301F	.4044		
102F	.6925			203F	.2875			302F	.7426		
103F	.1831			204F	.0996			303F	.4545		
104F	-.1009			205F	-.0132			304F	.2499		
105F	-.2303			206F	-.0716			305F	.0996		
106F	-.2512			221F	-.1567			319F	-.0132		
107F	-.2762			222F	-.1943			320F	-.1009		
121F	-.2947			223F	-.2194			321F	-.1269		
122F	-.2905			224F	-.2487			322F	-.1687		
123F	-.3030			225F	-.2821			323F	-.1980		
124F	-.2905			226F	-.2863			325F	-.2606		
125F	-.3072			227F	-.3072			326F	-.2774		
126F	-.2528			228F	-.2905			327F	-.2356		
127F	-.2068			229F	-.2361			328F	-.1812		
128F	-.1609			259F	-.1650			329F	-.1060		
129F	-.0940			260F	-.0731			330F	-.0057		

TABLE 9 .- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = .18 DEGREES AND QINF = 2.76 KN/SQM (57.60 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
165F	.2732			264F	.0193			345F	.3239		
164F	.3065			263F	.2982			344F	.3530		
156F	.3356			262F	.3398			343F	.3447		
155F	.3356			255F	.3689			342F	.3239		
154F	.3148			254F	.3481			341F	.1867		
153F	.2898			253F	.2898			340F	.1451		
139F	.2565			252F	.2024			339F	.0453		
138F	.2066			238F	-.0098			338F	-.1044		
137F	.0734			237F	-.0960			337F	-.1626		
136F	-.1639			236F	-.1667			336F	-.1501		
135F	-.1972			235F	-.1792			335F	-.1127		
133F	-.2013			234F	-.1709			334F	-.1667		
132F	-.1181			232F	-.1418			333F	-.1667		
131F	-.0681			231F	-.1168			332F	-.1626		
110F	.0171			210F	-.0452			310F	-.1366		
109F	.2206			208F	.5364			309F	.1126		
108F	.6319			201F	.7275			308F	.4284		
101F	.6610			202F	-.0868			301F	.7441		
102F	.1957			203F	-.6185			302F	.3494		
103F	-.6476			204F	-.6060			303F	-.4980		
104F	-.8345			205F	-.5271			304F	-.4939		
105F	-.8054			206F	-.4939			305F	-.4690		
106F	-.7182			221F	-.4415			319F	-.3859		
107F	-.6517			222F	-.4124			320F	-.4191		
121F	-.6120			223F	-.4040			321F	-.3538		
122F	-.5163			224F	-.4165			322F	-.3538		
123F	-.3999			225F	-.4207			323F	-.3538		
124F	-.4165			226F	-.4124			325F	-.3705		
125F	-.3458			227F	-.3957			326F	-.3580		
126F	-.2959			228F	-.3541			327F	-.2873		
127F	-.2294			229F	-.2585			328F	-.2041		
128F	-.1836			259F	-.2044			329F	-.1127		
129F	-.1129			260F	-.1212			330F	-.0212		

TABLE /0 .- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = 4.27 DEGREES AND QINF = 2.71 KN/SQM (56.70 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
165F	.2683			264F	-.0494			345F	.2900		
164F	.3022			263F	.2641			344F	.3620		
156F	.3277			262F	.3149			343F	.3620		
155F	.3277			255F	.3488			342F	.3239		
154F	.3192			254F	.3404			341F	.1884		
153F	.2895			253F	.2810			340F	.1714		
139F	.2514			252F	.2048			339F	.0402		
138F	.2090			238F	.0480			338F	-.0403		
137F	.0311			237F	-.0445			337F	-.0868		
136F	-.1172			236F	-.0868			336F	-.0233		
135F	-.1130			235F	-.0530			335F	.0487		
133F	.0141			234F	.0021			334F	.0571		
132F	.1624			232F	.1714			333F	.1672		
131F	.2853			231F	.2604			332F	.2434		
110F	.3967			210F	.4009			310F	.3628		
109F	.5996			208F	.7180			309F	.6208		
108F	.6884			201F	-.0854			308F	.7138		
101F	.0837			202F	-1.7810			301F	-.0431		
102F	-.9099			203F	-2.0178			302F	-1.0368		
103F	-1.8783			204F	-1.6288			303F	-1.9248		
104F	-1.8614			205F	-1.3708			304F	-1.5654		
105F	-1.5823			206F	-.9987			305F	-1.2482		
106F	-1.4174			221F	-.7808			319F	-.8634		
107F	-1.1087			222F	-.6877			320F	-.7070		
121F	-.8994			223F	-.6242			321F	-.6246		
122F	-.7385			224F	-.5819			322F	-.6034		
123F	-.5438			225F	-.5480			323F	-.5483		
124F	-.5776			226F	-.5099			325F	-.4637		
125F	-.4464			227F	-.4464			326F	-.4298		
126F	-.3914			228F	-.3787			327F	-.3366		
127F	-.3152			229F	-.2644			328F	-.2096		
128F	-.2305			259F	-.1713			329F	-.1165		
129F	-.1543			260F	-.0993			330F	-.0572		

TABLE // .- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = 9.00 DEGREES AND QINF = 2.74 KN/SQM (57.20 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
165F	.2758			264F	-.0869			345F	.3352		
164F	.3180			263F	.3433			344F	.3436		
156F	.3391			262F	.3855			343F	.3521		
155F	.3475			255F	.4024			342F	.3352		
154F	.3433			254F	.3897			341F	.2003		
153F	.3180			253F	.3433			340F	.1539		
139F	.3012			252F	.2801			339F	.1117		
138F	.2716			238F	.1493			338F	.0443		
137F	.1704			237F	.1033			337F	.0443		
136F	.0312			236F	.1033			336F	.1328		
135F	.0818			235F	.1666			335F	.2467		
133F	.3012			234F	.2593			334F	.3099		
132F	.4699			232F	.5291			333F	.4785		
131F	.6006			231F	.6345			332F	.5713		
110F	.7192			210F	.7150			310F	.7529		
109F	.6940			208F	.1171			309F	.6898		
108F	.2098			201F	-1.9923			308F	.3235		
101F	-1.2807			202F	-4.3965			301F	-1.9544		
102F	-2.8092			203F	-3.9586			302F	-3.3565		
103F	-3.5334			204F	-2.5649			303F	-3.8702		
104F	-3.2049			205F	-1.9923			304F	-2.6744		
105F	-2.3713			206F	-1.6050			305F	-1.8155		
106F	-1.9292			221F	-1.0749			319F	-1.1544		
107F	-1.6176			222F	-.9191			320F	-.9565		
121F	-1.2139			223F	-.7801			321F	-.8158		
122F	-.9654			224F	-.6959			322F	-.7230		
123F	-.6537			225F	-.5948			323F	-.6303		
124F	-.6748			226F	-.5021			325F	-.4448		
125F	-.4811			227F	-.3758			326F	-.3605		
126F	-.3884			228F	-.2747			327F	-.2382		
127F	-.2916			229F	-.1610			328F	-.1244		
128F	-.1989			259F	-.1231			329F	-.0864		
129F	-.1231			260F	-.1105			330F	-.0780		

TABLE 12 .- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = 9.62 DEGREES AND QINF = 2.74 KN/SQM (57.20 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
165F	.2729			264F	-.1650			345F	.2692		
164F	.3276			263F	.2897			344F	.3491		
156F	.3445			262F	.3319			343F	.3533		
155F	.3571			255F	.3487			342F	.3239		
154F	.3487			254F	.3445			341F	.2018		
153F	.3276			253F	.3024			340F	.1640		
139F	.3024			252F	.2350			339F	.1177		
138F	.2561			238F	.1213			338F	.0503		
137F	.1634			237F	.0588			337F	.0588		
136F	.0287			236F	.0588			336F	.1514		
135F	.0834			235F	.1345			335F	.2650		
133F	.3024			234F	.2271			334F	.3281		
132F	.4708			232F	.5048			333F	.4922		
131F	.5845			231F	.6058			332F	.5848		
110F	.6778			210F	.7072			310F	.7072		
109F	.6778			208F	-.0537			309F	.6063		
108F	.1061			201F	-2.3489			308F	.1523		
101F	-1.5250			202F	-4.8039			301F	-2.2816		
102F	-3.1224			203F	-4.3246			302F	-3.6604		
103F	-3.7866			204F	-2.7020			303F	-4.1901		
104F	-3.4419			205F	-2.1303			304F	-2.9206		
105F	-2.4750			206F	-1.7520			305F	-1.9538		
106F	-2.0252			221F	-1.1242			319F	-1.2265		
107F	-1.6889			222F	-.9517			320F	-1.0374		
121F	-1.2758			223F	-.8212			321F	-.8671		
122F	-.9853			224F	-.7328			322F	-.7618		
123F	-.6612			225F	-.6149			323F	-.6651		
124F	-.6949			226F	-.5055			325F	-.4799		
125F	-.4802			227F	-.3792			326F	-.3873		
126F	-.3918			228F	-.2740			327F	-.2737		
127F	-.2824			229F	-.1814			328F	-.1811		
128F	-.1982			259F	-.1519			329F	-.1601		
129F	-.1182			260F	-.1435			330F	-.1516		

TABLE /3 .- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = 10.75 DEGREES AND QINF = 2.75 KN/SQM (57.40 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
165F	.2697			264F	-.1693			345F	.1872		
164F	.3283			263F	.3074			344F	.2415		
156F	.3492			262F	.3492			343F	.2498		
155F	.3576			255F	.3701			342F	.2206		
154F	.3576			254F	.3659			341F	.0995		
153F	.3367			253F	.3283			340F	.0327		
139F	.3157			252F	.2447			339F	-.0091		
138F	.2823			238F	.1401			338F	-.0842		
137F	.1945			237F	.0786			337F	-.0759		
136F	.0732			236F	.0995			336F	.0160		
135F	.1276			235F	.1789			335F	.1371		
133F	.3701			234F	.2749			334F	.1830		
132F	.5415			232F	.5714			333F	.3250		
131F	.6419			231F	.6716			332F	.4002		
110F	.6969			210F	.7511			310F	.5508		
109F	.6384			208F	-.2838			309F	.7010		
108F	-.1044			201F	-2.8336			308F	.6969		
101F	-1.9322			202F	-5.3750			301F	-.0292		
102F	-3.6557			203F	-4.8241			302F	-.5717		
103F	-4.2524			204F	-2.9003			303F	-.6343		
104F	-3.8184			205F	-2.2285			304F	-.5801		
105F	-2.6833			206F	-2.6583			305F	-.6093		
106F	-2.1867			221F	-1.1662			319F	-.5968		
107F	-1.8028			222F	-.9616			320F	-.6051		
121F	-1.3124			223F	-.8780			321F	-.6354		
122F	-1.0326			224F	-.7611			322F	-.5895		
123F	-.6943			225F	-.6274			323F	-.5686		
124F	-.7193			226F	-.5147			325F	-.5269		
125F	-.4980			227F	-.3810			326F	-.5185		
126F	-.4019			228F	-.2766			327F	-.4935		
127F	-.2891			229F	-.2139			328F	-.4559		
128F	-.2056			259F	-.1889			329F	-.4433		
129F	-.1304			260F	-.1722			330F	-.4058		

TABLE 14 .- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = 11.87 DEGREES AND QINF = 2.74 KN/SQM (57.20 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
165F	.2294			264F	-.4801			345F	.1509		
164F	.2920			263F	.1626			344F	.2343		
156F	.3171			262F	.2419			343F	.2384		
155F	.3254			255F	.2670			342F	.2176		
154F	.3296			254F	.2712			341F	.0925		
153F	.3171			253F	.2169			340F	.0299		
139F	.2879			252F	.1167			339F	-.0076		
138F	.2503			238F	-.0001			338F	-.0868		
137F	.1668			237F	-.0243			337F	-.0701		
136F	.0416			236F	-.0201			336F	.0299		
135F	.1167			235F	.0633			335F	.1425		
133F	.3755			234F	.1509			334F	.1926		
132F	.5592			232F	.4303			333F	.3260		
131F	.6593			231F	.5179			332F	.4094		
110F	.7015			210F	.6348			310F	.5264		
109F	.6431			208F	.5681			309F	.6681		
108F	-.1655			201F	-.3615			308F	.6765		
101F	-2.1914			202F	-.9158			301F	-.0196		
102F	-3.7420			203F	-.7825			302F	-.4990		
103F	-4.3422			204F	-.7825			303F	-.5532		
104F	-3.8837			205F	-.7825			304F	-.5324		
105F	-2.6332			206F	-.8033			305F	-.5407		
106F	-2.2456			221F	-.9129			319F	-.5532		
107F	-1.8329			222F	-.8254			320F	-.5615		
121F	-1.4343			223F	-.7878			321F	-.5330		
122F	-1.2466			224F	-.7753			322F	-.5372		
123F	-.8212			225F	-.7670			323F	-.5330		
124F	-.8212			226F	-.7419			325F	-.5122		
125F	-.5918			227F	-.6752			326F	-.5080		
126F	-.4666			228F	-.6418			327F	-.4830		
127F	-.3707			229F	-.5709			328F	-.4830		
128F	-.2914			259F	-.5167			329F	-.4747		
129F	-.2039			260F	-.4917			330F	-.4371		

TABLE 15 .- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = 12.87 DEGREES AND QINF = 2.74 KN/SQM (57.20 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
165F	.1651			264F	-.5673			345F	.1366		
164F	.2359			263F	.1235			344F	.2322		
156F	.2900			262F	.2067			343F	.2322		
155F	.2733			255F	.2317			342F	.2114		
154F	.2941			254F	.2234			341F	.0867		
153F	.2733			253F	.1818			340F	.0243		
139F	.2567			252F	.0985			339F	-.0132		
138F	.2234			238F	-.0055			338F	-.0963		
137F	.1318			237F	-.0714			337F	-.0880		
136F	.0403			236F	-.0547			336F	.0243		
135F	.1069			235F	.0409			335F	.1366		
133F	.3815			234F	.1324			334F	.2031		
132F	.5605			232F	.4069			333F	.3404		
131F	.6728			231F	.5067			332F	.4194		
110F	.7357			210F	.6236			310F	.5446		
109F	.7025			208F	.5987			309F	.6817		
108F	.0544			201F	-.2447			308F	.6734		
101F	-1.2168			202F	-.7972			301F	-.0577		
102F	-2.4008			203F	-.6643			302F	-.5106		
103F	-1.8192			204F	-.6643			303F	-.5189		
104F	-1.4951			205F	-.6684			304F	-.5064		
105F	-1.6115			206F	-.6601			305F	-.5064		
106F	-1.7278			221F	-.6706			319F	-.5230		
107F	-1.6862			222F	-.6540			320F	-.5189		
121F	-1.7148			223F	-.6790			321F	-.5289		
122F	-1.4194			224F	-.6706			322F	-.5205		
123F	-1.0201			225F	-.6914			323F	-.5247		
124F	-1.0700			226F	-.6831			325F	-.5122		
125F	-.9618			227F	-.6914			326F	-.5122		
126F	-.6582			228F	-.6665			327F	-.5164		
127F	-.5126			229F	-.6457			328F	-.5039		
128F	-.4793			259F	-.6207			329F	-.4914		
129F	-.3836			260F	-.5958			330F	-.4540		

RUN NUMBER 2 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

				UNCORRECTED				CORRECTED FOR STRUT INTERFERENCE				
MACH	Q,PSF	R	ALPHA,DEG	CL	CD	CM	L/D	CL	CD	CM	L/D	ISUBT
.198	56.20	.88	-6.12	-.2470	.0342	-.0496	-7.22	-.3709	.0298	-.1046	-12.45	OFF
.199	57.30	.89	-3.97	-.0190	.0278	-.0726	-.68	-.1440	.0235	-.1276	-6.13	OFF
.200	57.70	.89	-1.70	.2260	.0228	-.0931	9.91	.0997	.0188	-.1461	5.29	OFF
.200	57.60	.89	.19	.4220	.0233	-.0926	18.11	.2953	.0195	-.1477	15.11	OFF
.199	57.00	.88	2.35	.6070	.0288	-.0796	21.08	.4842	.0265	-.1275	18.26	OFF
.198	56.70	.88	4.27	.7800	.0347	-.0709	22.48	.6637	.0352	-.1274	18.84	OFF
.199	57.00	.88	6.41	.9900	.0474	-.0505	20.89	.8833	.0496	-.1108	17.80	OFF
.199	57.20	.88	8.00	1.1670	.0631	-.0043	18.49	1.0770	.0692	-.0733	15.56	OFF
.199	57.20	.88	9.62	1.2110	.0715	.0123	16.94	1.1311	.0780	-.0587	14.50	OFF
.200	57.40	.88	10.75	1.2000	.1242	.0985	9.66	1.1587	.1288	.0450	8.99	OFF
.199	57.20	.88	11.87	1.1690	.1861	.1578	6.28	1.1574	.1887	.1393	6.13	OFF
.199	57.20	.88	12.87	1.1270	.2337	.1602	4.82	1.1212	.2351	.1587	4.77	OFF
.199	57.30	.88	14.67	1.1260	.2855	.1686	3.94	1.1069	.2856	.1443	3.88	OFF
.199	57.20	.88	16.49	1.0990	.3275	.2092	3.36	1.0739	.3275	.1659	3.28	OFF
.199	57.20	.88	18.40	1.0770	.3693	.2193	2.92	1.0520	.3693	.1722	2.85	OFF
.199	57.20	.88	.37	.4570	.0248	-.0861	18.43	.3307	.0211	-.1428	15.67	OFF

CRUISE WING CONFIGURATION, ASPECT RATIO 12

Table 16 . Tabulated longitidinal data for run 2.

TABLE 17 .- TABULATED PRESSURE DATA FOR RUN 5 AT ALPHA = -4.02 DEGREES AND QINF = 4.25 KN/SQM (88.70 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
165F	.2489			264F	.0957			345F	.2324		
164F	.2759			263F	.2382			344F	.2431		
156F	.2893			262F	.2355			343F	.2485		
155F	.2839			255F	.2275			342F	.2217		
154F	.2597			254F	.2140			341F	.1654		
153F	.2275			253F	.1817			340F	.1091		
139F	.1925			252F	.1333			339F	-.0035		
138F	.1441			238F	-.0280			338F	-.1805		
137F	-.0226			237F	-.1858			337F	-.2931		
136F	-.2808			236F	-.2957			336F	-.3360		
135F	-.3776			235F	-.3386			335F	-.4218		
133F	-.5362			234F	-.3842			334F	-.4915		
132F	-.5712			232F	-.6255			333F	-.6631		
131F	-.6250			231F	-.7703			332F	-.8856		
110F	-.6812			210F	-.9389			310F	-1.1349		
109F	-.6007			208F	-.8235			309F	-1.3040		
108F	-.0396			201F	.5241			308F	-1.1027		
101F	.6475			202F	.7147			301F	.4006		
102F	.7200			203F	.3415			302F	.7630		
103F	.2395			204F	.1590			303F	.4919		
104F	-.0423			205F	.0489			304F	.2986		
105F	-.1765			206F	-.0048			305F	.1456		
106F	-.2114			221F	-.1108			319F	.0409		
107F	-.2329			222F	-.1377			320F	-.0477		
121F	-.2506			223F	-.1538			321F	-.0678		
122F	-.2533			224F	-.1914			322F	-.0947		
123F	-.2452			225F	-.2318			323F	-.1349		
124F	-.2640			226F	-.2452			325F	-.2099		
125F	-.2452			227F	-.2586			326F	-.2234		
126F	-.2210			228F	-.2425			327F	-.1939		
127F	-.1780			229F	-.1914			328F	-.1402		
128F	-.1269			259F	-.1377			329F	.0126		
129F	-.0732			260F	-.0409			330F	.0394		

TABLE 18 .- TABULATED PRESSURE DATA FOR RUN 5 AT ALPHA = .27 DEGREES AND QINF = 4.24 KN/SQM (88.50 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
165F	.2678			264F	.0384			345F	.3117		
164F	.3002			263F	.3191			344F	.3548		
156F	.3110			262F	.3407			343F	.3494		
155F	.3137			255F	.3380			342F	.3252		
154F	.2975			254F	.3299			341F	.2227		
153F	.2651			253F	.2759			340F	.1445		
139F	.2300			252F	.1949			339F	.0556		
138F	.1869			238F	.0249			338F	-.1089		
137F	.0438			237F	-.1332			337F	-.1520		
136F	-.1748			236F	-.1574			336F	-.1493		
135F	-.2233			235F	-.1601			335F	-.1143		
133F	-.2179			234F	-.1601			334F	-.1493		
132F	-.1397			232F	-.1763			333F	-.1709		
131F	-.0803			231F	-.1763			332F	-.1709		
110F	.0021			210F	-.0733			310F	-.1434		
109F	.2015			208F	.5061			309F	.1180		
108F	.6165			201F	.7135			308F	.4171		
101F	.6677			202F	-.1003			301F	.7405		
102F	.2177			203F	-.6311			302F	.3525		
103F	-.6365			204F	-.6176			303F	-.4640		
104F	-.8386			205F	-.5314			304F	-.4775		
105F	-.8063			206F	-.4883			305F	-.4506		
106F	-.7200			221F	-.4139			319F	-.3643		
107F	-.6581			222F	-.3896			320F	-.3778		
121F	-.5352			223F	-.3815			321F	-.2680		
122F	-.4759			224F	-.3896			322F	-.3327		
123F	-.3600			225F	-.3896			323F	-.3380		
124F	-.4058			226F	-.3761			325F	-.3542		
125F	-.3168			227F	-.3680			326F	-.3434		
126F	-.2979			228F	-.3222			327F	-.2814		
127F	-.2332			229F	-.2332			328F	-.1979		
128F	-.1658			259F	-.1550			329F	-.1170		
129F	-.0984			260F	-.0660			330F	-.0253		

TABLE 19 .- TABULATED PRESSURE DATA FOR RUN 5 AT ALPHA = 4.35 DEGREES AND QINF = 4.23 KN/SQM (88.30 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
165F	.2818			264F	-.0105			345F	.3224		
164F	.3224			263F	.3251			344F	.3548		
156F	.3359			262F	.3576			343F	.3657		
155F	.3359			255F	.3603			342F	.3494		
154F	.3224			254F	.3494			341F	.2439		
153F	.2953			253F	.3116			340F	.1789		
139F	.2682			252F	.2357			339F	.1140		
138F	.2222			238F	.0896			338F	-.0132		
137F	.1004			237F	-.0051			337F	-.0295		
136F	-.0755			236F	-.0403			336F	.0084		
135F	-.0809			235F	-.0132			335F	.0787		
133F	.0382			234F	.0300			334F	.1031		
132F	.1762			232F	.2141			333F	.1762		
131F	.2926			231F	.3007			332F	.2682		
110F	.4259			210F	.4368			310F	.4070		
109F	.6097			208F	.7476			309F	.6693		
108F	.7017			201F	-.0282			308F	.7422		
101F	.1150			202F	-1.6826			301F	-.0066		
102F	-.8446			203F	-1.9557			302F	-.9771		
103F	-1.7718			204F	-1.5799			303F	-1.8421		
104F	-1.7664			205F	-1.1582			304F	-1.5015		
105F	-1.5177			206F	-.9581			305F	-1.0555		
106F	-1.2069			221F	-.7211			319F	-.8338		
107F	-1.0284			222F	-.6346			320F	-.6446		
121F	-.8455			223F	-.5750			321F	-.5546		
122F	-.6859			224F	-.5426			322F	-.5329		
123F	-.4831			225F	-.4993			323F	-.5167		
124F	-.5237			226F	-.4615			325F	-.4382		
125F	-.3803			227F	-.4101			326F	-.4057		
126F	-.3452			228F	-.3343			327F	-.3272		
127F	-.2640			229F	-.2072			328F	-.1811		
128F	-.1910			259F	-.1315			329F	-.0999		
129F	-.1018			260F	-.0531			330F	-.0295		

TABLE 20 .- TABULATED PRESSURE DATA FOR RUN 5 AT ALPHA = 8.61 DEGREES AND QINF = 4.22 KN/SQM (88.20 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
165F	.2853			264F	-.0810			345F	.3093		
164F	.3287			263F	.3260			344F	.3581		
156F	.3477			262F	.3667			343F	.3663		
155F	.3504			255F	.3667			342F	.3499		
154F	.3423			254F	.3640			341F	.2821		
153F	.3233			253F	.3233			340F	.1897		
139F	.3043			252F	.2555			339F	.1463		
138F	.2609			238F	.1361			338F	.0567		
137F	.1578			237F	.0757			337F	.0676		
136F	.0167			236F	.0703			336F	.0784		
135F	.0574			235F	.1354			335F	.2441		
133F	.2663			234F	.2169			334F	.3119		
132F	.4346			232F	.4124			333F	.4559		
131F	.5540			231F	.5808			332F	.5373		
110F	.6577			210F	.6983			310F	.6983		
109F	.7065			208F	.2053			309F	.6739		
108F	.3109			201F	-1.7884			308F	.3028		
101F	-1.0787			202F	-4.1749			301F	-1.8588		
102F	-2.5550			203F	-3.8525			302F	-3.2837		
103F	-3.3460			204F	-2.5685			303F	-3.9501		
104F	-3.0372			205F	-1.9049			304F	-2.4548		
105F	-2.2760			206F	-1.5663			305F	-1.7992		
106F	-1.8372			221F	-1.0324			319F	-1.2033		
107F	-1.5256			222F	-.8751			320F	-.9622		
121F	-1.1599			223F	-.7693			321F	-.7335		
122F	-.9158			224F	-.6907			322F	-.7145		
123F	-.6202			225F	-.6039			323F	-.6357		
124F	-.6554			226F	-.5252			325F	-.4891		
125F	-.4547			227F	-.4086			326F	-.4049		
126F	-.3923			228F	-.2947			327F	-.2854		
127F	-.2866			229F	-.1645			328F	-.1415		
128F	-.2025			259F	-.1184			329F	-.0954		
129F	-.1130			260F	-.0832			330F	-.0737		

TABLE 21 .- TABULATED PRESSURE DATA FOR RUN 5 AT ALPHA = 9.45 DEGREES AND QINF = 4.21 KN/SQM (88.00 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
165F	.2859			264F	-.1007			345F	.3294		
164F	.3240			263F	.3321			344F	.3593		
156F	.3430			262F	.3784			343F	.3566		
155F	.3512			255F	.3839			342F	.3457		
154F	.3430			254F	.3811			341F	.2831		
153F	.3185			253F	.3403			340F	.1824		
139F	.2968			252F	.2750			339F	.1525		
138F	.2614			238F	.1634			338F	.0708		
137F	.1606			237F	.1008			337F	.0844		
136F	.0327			236F	.1089			336F	.0980		
135F	.0735			235F	.1797			335F	.2668		
133F	.2968			234F	.2695			334F	.3484		
132F	.4655			232F	.5254			333F	.5063		
131F	.5961			231F	.6479			332F	.5581		
110F	.7109			210F	.7217			310F	.7408		
109F	.6945			208F	-.0014			309F	.6429		
108F	.1644			201F	-2.2252			308F	.1644		
101F	-1.3851			202F	-4.7317			301F	-2.3040		
102F	-2.9836			203F	-4.3103			302F	-3.7176		
103F	-3.6741			204F	-2.8096			303F	-4.3483		
104F	-3.3099			205F	-2.0675			304F	-2.6166		
105F	-2.4182			206F	-1.6760			305F	-1.8962		
106F	-1.9506			221F	-1.0927			319F	-1.2329		
107F	-1.6216			222F	-.9243			320F	-.9828		
121F	-1.2204			223F	-.7993			321F	-.8437		
122F	-.9596			224F	-.7097			322F	-.7457		
123F	-.6499			225F	-.6092			323F	-.6396		
124F	-.6716			226F	-.5222			325F	-.4681		
125F	-.4625			227F	-.3918			326F	-.3783		
126F	-.3891			228F	-.2832			327F	-.2476		
127F	-.2832			229F	-.1583			328F	-.1333		
128F	-.1990			259F	-.1148			329F	-.0925		
129F	-.1066			260F	-.0985			330F	-.0898		

TABLE 22.- TABULATED PRESSURE DATA FOR RUN 5 AT ALPHA = 10.40 DEGREES AND QINF = 4.23 KN/SQM (88.40 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
165F	.2801			264F	-.1513			345F	.3014		
164F	.3262			263F	.3099			344F	.3476		
156F	.3479			262F	.3533			343F	.3530		
155F	.3560			255F	.3642			342F	.3286		
154F	.3479			254F	.3587			341F	.2689		
153F	.3235			253F	.3235			340F	.1793		
139F	.3072			252F	.2584			339F	.1549		
138F	.2692			238F	.1607			338F	.0815		
137F	.1743			237F	.0951			337F	.1005		
136F	.0549			236F	.1141			336F	.1359		
135F	.1064			235F	.1847			335F	.3014		
133F	.3371			234F	.2797			334F	.3720		
132F	.5025			232F	.5349			333F	.5294		
131F	.6137			231F	.6516			332F	.6162		
110F	.7039			210F	.7391			310F	.7418		
109F	.6633			208F	-.2465			309F	.5441		
108F	-.0055			201F	-2.7428			308F	-.0624		
101F	-1.7410			202F	-5.3502			301F	-2.8403		
102F	-3.4360			203F	-4.8006			302F	-4.3240		
103F	-4.0614			204F	-3.0515			303F	-4.8574		
104F	-3.6472			205F	-2.2203			304F	-2.8241		
105F	-2.6047			206F	-1.8087			305F	-2.0280		
106F	-2.0930			221F	-1.1421			319F	-1.2862		
107F	-1.7221			222F	-.9472			320F	-1.0452		
121F	-1.2477			223F	-.8200			321F	-.8602		
122F	-.9933			224F	-.7253			322F	-.7625		
123F	-.6711			225F	-.6089			323F	-.6702		
124F	-.6901			226F	-.4952			325F	-.4585		
125F	-.4654			227F	-.3571			326F	-.3717		
126F	-.3842			228F	-.2353			327F	-.2550		
127F	-.2759			229F	-.1487			328F	-.1627		
128F	-.1866			259F	-.1081			329F	-.1410		
129F	-.1000			260F	-.0946			330F	-.1356		

TABLE 23 .- TABULATED PRESSURE DATA FOR RUN 5 AT ALPHA = 11.59 DEGREES AND QINF = 4.22 KN/SQM (88.10 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
165F	.2829			264F	-.2332			345F	.1607		
164F	.3343			263F	.2559			344F	.2337		
156F	.3532			262F	.3099			343F	.2391		
155F	.3559			255F	.3181			342F	.2202		
154F	.3532			254F	.3208			341F	.1310		
153F	.3316			253F	.2775			340F	.0633		
139F	.3018			252F	.2100			339F	.0201		
138F	.2721			238F	.1181			338F	-.0637		
137F	.1857			237F	.0201			337F	-.0637		
136F	.0749			236F	.0661			336F	-.0016		
135F	.1370			235F	.1688			335F	.1337		
133F	.3748			234F	.2581			334F	.1986		
132F	.5370			232F	.5609			333F	.3284		
131F	.6315			231F	.6718			332F	.4014		
110F	.6620			210F	.7807			310F	.5056		
109F	.6081			208F	-.0256			309F	.6755		
108F	-.1954			201F	-1.8132			308F	.6674		
101F	-2.1071			202F	-2.5844			301F	-.0202		
102F	-3.9163			203F	-1.8914			302F	-.5243		
103F	-4.4475			204F	-2.0046			303F	-.5918		
104F	-3.9514			205F	-1.9804			304F	-.5729		
105F	-2.8001			206F	-2.0073			305F	-.5783		
106F	-2.2284			221F	-1.7998			319F	-.5540		
107F	-1.8132			222F	-1.4867			320F	-.5998		
121F	-1.3949			223F	-1.1736			321F	-.4558		
122F	-1.0279			224F	-.9766			322F	-.5316		
123F	-.6878			225F	-.8146			323F	-.4991		
124F	-.7067			226F	-.6230			325F	-.4748		
125F	-.4746			227F	-.5232			326F	-.4802		
126F	-.3882			228F	-.4071			327F	-.4883		
127F	-.2721			229F	-.3126			328F	-.4694		
128F	-.1939			259F	-.3072			329F	-.4369		
129F	-.1102			260F	-.2802			330F	-.4342		

TABLE 24 .- TABULATED PRESSURE DATA FOR RUN 5 AT ALPHA = 12.64 DEGREES AND QINF = 4.21 KN/SQM (88.00 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
165F	.2722			264F	-.3925			345F	.1282		
164F	.3263			263F	.2074			344F	.2228		
156F	.3533			262F	.2614			343F	.2309		
155F	.3614			255F	.2776			342F	.2039		
154F	.3560			254F	.2830			341F	.1092		
153F	.3317			253F	.2560			340F	.0389		
139F	.3182			252F	.1885			339F	.0010		
138F	.2857			238F	.0290			338F	-.0774		
137F	.2020			237F	.0119			337F	-.0747		
136F	.1020			236F	.0119			336F	.0119		
135F	.1641			235F	.1579			335F	.1335		
133F	.4181			234F	.2688			334F	.2012		
132F	.5776			232F	.5690			333F	.3445		
131F	.6640			231F	.6691			332F	.3634		
110F	.6807			210F	.7805			310F	.5350		
109F	.5539			208F	.0521			309F	.6861		
108F	-.4336			201F	-1.4103			308F	.6618		
101F	-2.5543			202F	-1.4427			301F	-.0397		
102F	-4.4672			203F	-1.2160			302F	-.4983		
103F	-4.8611			204F	-1.4831			303F	-.5280		
104F	-4.3134			205F	-1.3347			304F	-.5145		
105F	-3.0075			206F	-1.1998			305F	-.5226		
106F	-2.3843			221F	-1.3009			319F	-.5253		
107F	-1.9310			222F	-1.3685			320F	-.5280		
121F	-1.3252			223F	-1.3117			321F	-.4479		
122F	-1.0712			224F	-1.1874			322F	-.5074		
123F	-.7144			225F	-1.0415			323F	-.5047		
124F	-.7225			226F	-.8793			325F	-.5047		
125F	-.4793			227F	-.7279			326F	-.5183		
126F	-.3766			228F	-.6225			327F	-.5155		
127F	-.2631			229F	-.5036			328F	-.5183		
128F	-.1820			259F	-.4225			329F	-.5128		
129F	-.1172			260F	-.4442			330F	-.5074		

RUN NUMBER 5 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

MACH	Q,PSF	R	ALPHA,DEG	UNCORRECTED CL	UNCORRECTED CD	UNCORRECTED CM	UNCORRECTED L/D	CORRECTED FOR STRUT INTERFERENCE CL	CORRECTED FOR STRUT INTERFERENCE CD	CORRECTED FOR STRUT INTERFERENCE CM	CORRECTED FOR STRUT INTERFERENCE L/D	ISUBT
.202	88.70	1.39	-6.11	-.2560	.0338	-.0830	-7.57	-.3799	.0294	-.1380	-12.93	OFF
.201	88.70	1.38	-4.02	-.0550	.0288	-.0999	-1.91	-.1800	.0245	-.1549	-7.35	OFF
.201	88.70	1.38	-2.01	.1480	.0251	-.1124	5.90	.0220	.0211	-.1674	1.04	OFF
.201	88.50	1.37	.27	.3830	.0260	-.1058	14.73	.2565	.0223	-.1606	11.52	OFF
.200	88.30	1.37	2.33	.5520	.0296	-.0874	18.65	.4291	.0273	-.1353	15.72	OFF
.200	88.30	1.37	4.35	.7310	.0357	-.0719	20.48	.6149	.0364	-.1289	16.90	OFF
.199	87.30	1.36	6.45	.9250	.0449	-.0492	20.60	.8185	.0471	-.1095	17.38	OFF
.200	88.20	1.36	7.61	1.0950	.0586	-.0190	18.69	1.0003	.0637	-.0860	15.71	OFF
.200	88.00	1.36	9.45	1.1610	.0638	-.0004	18.20	1.0777	.0703	-.0713	15.33	OFF
.200	88.40	1.36	10.40	1.2190	.0712	.0250	17.12	1.1637	.0766	-.0374	15.19	OFF
.200	88.10	1.36	11.59	1.1710	.1423	.1456	8.23	1.1547	.1453	.1187	7.95	OFF
.200	88.00	1.36	12.64	1.1930	.1670	.1821	7.14	1.1871	.1686	.1768	7.04	OFF
.202	89.90	1.38	14.62	1.1280	.2664	.1662	4.23	1.1094	.2665	.1450	4.16	OFF
.201	89.40	1.37	16.63	1.1170	.3176	.1568	3.52	1.0919	.3176	.1133	3.44	OFF
.201	89.20	1.37	18.55	1.0820	.3586	.1956	3.02	1.0570	.3586	.1487	2.95	OFF
.200	88.40	1.36	.24	.3780	.0248	-.1052	15.24	.2514	.0211	-.1601	11.94	OFF

CRUISE WING CONFIGURATION, ASPECT RATIO 12

Table 25 . Tabulated longitidinal data for run 5.

TABLE 26 .- TABULATED PRESSURE DATA FOR RUN 4 AT ALPHA = -4.09 DEGREES AND QINF = 8.64 KN/SQM (180.40 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
165F	.2506			264F	.0799			345F	.2092		
164F	.2744			263F	.2307			344F	.2263		
156F	.2771			262F	.2241			343F	.2131		
155F	.2718			255F	.2148			342F	.1959		
154F	.2506			254F	.2029			341F	.1246		
153F	.2148			253F	.1698			340F	.0532		
139F	.1818			252F	.1195			339F	-.0460		
138F	.1315			238F	-.0459			338F	-.2152		
137F	-.0287			237F	-.2245			337F	-.3117		
136F	-.2908			236F	-.3355			336F	-.3606		
135F	-.3874			235F	-.3831			335F	-.4598		
133F	-.5263			234F	-.4281			334F	-.5259		
132F	-.5634			232F	-.6607			333F	-.6977		
131F	-.6164			231F	-.7718			332F	-.8498		
110F	-.7353			210F	-.9718			310F	-1.2440		
109F	-.6071			208F	-.8753			309F	-1.4369		
108F	-.0402			201F	.4712			308F	-1.2757		
101F	.6364			202F	.6773			301F	.2862		
102F	.7090			203F	.3073			302F	.6786		
103F	.2214			204F	.1223			303F	.4329		
104F	-.0521			205F	.0127			304F	.2346		
105F	-.1948			206F	-.0600			305F	.0748		
106F	-.2160			221F	-.1280			319F	-.1684		
107F	-.2397			222F	-.1756			320F	-.1261		
121F	-.3038			223F	-.2020			321F	-.0671		
122F	-.2456			224F	-.2364			322F	-.1293		
123F	-.2549			225F	-.2800			323F	-.1412		
124F	-.2602			226F	-.2839			325F	-.2231		
125F	-.2641			227F	-.3144			326F	-.2390		
126F	-.2350			228F	-.2945			327F	-.2139		
127F	-.1888			229F	-.2509			328F	-.1504		
128F	-.1398			259F	-.2033			329F	-.0658		
129F	-.0909			260F	-.1121			330F	.0307		

TABLE 27 .- TABULATED PRESSURE DATA FOR RUN 4 AT ALPHA = -.21 DEGREES AND QINF = 8.69 KN/SQM (181.40 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
165F	.2696			264F	.0376			345F	.3055		
164F	.2973			263F	.3091			344F	.3121		
156F	.3052			262F	.3276			343F	.3042		
155F	.3052			255F	.3263			342F	.2792		
154F	.2894			254F	.3131			341F	.1949		
153F	.2551			253F	.2643			340F	.1053		
139F	.2235			252F	.1945			339F	.0104		
138F	.1813			238F	.0231			338F	-.1543		
137F	.0323			237F	-.1082			337F	-.1938		
136F	-.1957			236F	-.1806			336F	-.1806		
135F	-.2365			235F	-.1753			335F	-.1872		
133F	-.2431			234F	-.1872			334F	-.2043		
132F	-.1812			232F	-.1819			333F	-.2201		
131F	-.1271			231F	-.1780			332F	-.2452		
110F	-.0279			210F	-.1450			310F	-.2279		
109F	.1379			208F	.4116			309F	-.0029		
108F	.5774			201F	.7459			308F	.3063		
101F	.6932			202F	.0629			301F	.7840		
102F	.2800			203F	-.4806			302F	.5103		
103F	-.5385			204F	-.4977			303F	-.2661		
104F	-.7319			205F	-.4411			304F	-.3161		
105F	-.7411			206F	-.4016			305F	-.3227		
106F	-.6490			221F	-.3713			319F	-.4016		
107F	-.5924			222F	-.3529			320F	-.2911		
121F	-.4991			223F	-.3463			321F	-.2965		
122F	-.4517			224F	-.3555			322F	-.3255		
123F	-.3753			225F	-.3634			323F	-.3058		
124F	-.3911			226F	-.3516			325F	-.3334		
125F	-.3068			227F	-.3397			326F	-.3255		
126F	-.2936			228F	-.3015			327F	-.2636		
127F	-.2330			229F	-.2146			328F	-.1740		
128F	-.1698			259F	-.1461			329F	-.0765		
129F	-.1000			260F	-.0526			330F	.0104		

TABLE 28 .- TABULATED PRESSURE DATA FOR RUN 4 AT ALPHA = 4.27 DEGREES AND QINF = 8.67 KN/SQM (181.10 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
165F	.2834			264F	-.0298			345F	.3129		
164F	.3164			263F	.3230			344F	.3486		
156F	.3309			262F	.3481			343F	.3393		
155F	.3349			255F	.3468			342F	.3156		
154F	.3177			254F	.3402			341F	.2284		
153F	.2939			253F	.2900			340F	.1465		
139F	.2649			252F	.2186			339F	.0792		
138F	.2239			238F	.0719			338F	-.0595		
137F	.1010			237F	-.0199			337F	-.0463		
136F	-.0787			236F	-.0450			336F	.0052		
135F	-.0735			235F	-.0040			335F	.0699		
133F	.0389			234F	.0277			334F	.0699		
132F	.1790			232F	.2060			333F	.1809		
131F	.2900			231F	.2931			332F	.2588		
110F	.4087			210F	.4232			310F	.3863		
109F	.6105			208F	.7398			309F	.6633		
108F	.6950			201F	-.0319			308F	.7372		
101F	.0948			202F	-1.6768			301F	.0143		
102F	-.8801			203F	-2.0105			302F	-.9618		
103F	-1.7849			204F	-1.5422			303F	-1.8575		
104F	-1.7572			205F	-1.1557			304F	-1.4472		
105F	-1.5211			206F	-.9988			305F	-1.0515		
106F	-1.2256			221F	-.7250			319F	-.8721		
107F	-1.0594			222F	-.6285			320F	-.6690		
121F	-.8545			223F	-.5849			321F	-.5640		
122F	-.6933			224F	-.5585			322F	-.5455		
123F	-.5426			225F	-.5215			323F	-.4979		
124F	-.5400			226F	-.4778			325F	-.4544		
125F	-.3827			227F	-.4289			326F	-.4147		
126F	-.3642			228F	-.3523			327F	-.3249		
127F	-.2717			229F	-.2334			328F	-.1889		
129F	-.1990			259F	-.1514			329F	-.0872		
129F	-.1131			260F	-.0550			330F	-.0159		

TABLE 29 .- TABULATED PRESSURE DATA FOR RUN 4 AT ALPHA = 8.52 DEGREES AND QINF = 8.68 KN/SQM (181.20 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
165F	.2970			264F	-.0854			345F	.3214		
164F	.3380			263F	.3314			344F	.3558		
156F	.3539			262F	.3658			343F	.3518		
155F	.3591			255F	.3764			342F	.3386		
154F	.3486			254F	.3671			341F	.2487		
153F	.3300			253F	.3287			340F	.1892		
139F	.3062			252F	.2652			339F	.1403		
138F	.2652			238F	.1474			338F	.0346		
137F	.1673			237F	.0795			337F	.0742		
136F	.0310			236F	.0848			336F	.1562		
135F	.0680			235F	.1456			335F	.2580		
133F	.2692			234F	.2223			334F	.3148		
132F	.4319			232F	.4814			333F	.4735		
131F	.5497			231F	.5898			332F	.5660		
110F	.6694			210F	.7051			310F	.7051		
109F	.7090			208F	.1887			309F	.6826		
108F	.2983			201F	-1.8215			308F	.2996		
101F	-1.0911			202F	-4.1685			301F	-1.8902		
102F	-2.6338			203F	-3.9321			302F	-3.3008		
103F	-3.3246			204F	-2.6523			303F	-3.9902		
104F	-2.9508			205F	-1.9298			304F	-2.4462		
105F	-2.3155			206F	-1.6010			305F	-1.8044		
106F	-1.8493			221F	-1.0438			319F	-1.2179		
107F	-1.5389			222F	-.8838			320F	-.9670		
121F	-1.1549			223F	-.7820			321F	-.8115		
122F	-.9168			224F	-.7198			322F	-.7348		
123F	-.6933			225F	-.6312			323F	-.6383		
124F	-.6590			226F	-.5545			325F	-.5233		
125F	-.4420			227F	-.4487			326F	-.4519		
126F	-.3958			228F	-.3376			327F	-.3237		
127F	-.2899			229F	-.1921			328F	-.1624		
128F	-.2066			259F	-.1074			329F	-.0844		
129F	-.1101			260F	-.0519			330F	-.0527		

TABLE 30 .- TABULATED PRESSURE DATA FOR RUN 4 AT ALPHA = 9.49 DEGREES AND QINF = 8.67 KN/SQM (181.00 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
165F	.2963			264F	-.1077			345F	.3225		
164F	.3414			263F	.3321			344F	.3582		
156F	.3612			262F	.3718			343F	.3568		
155F	.3652			255F	.3811			342F	.3410		
154F	.3546			254F	.3745			341F	.2537		
153F	.3387			253F	.3347			340F	.1941		
139F	.3135			252F	.2738			339F	.1571		
138F	.2778			238F	.1559			338F	.0539		
137F	.1824			237F	.1082			337F	.1055		
136F	.0579			236F	.1214			336F	.1889		
135F	.1003			235F	.1915			335F	.2947		
133F	.3135			234F	.2682			334F	.3608		
132F	.4817			232F	.5367			333F	.5208		
131F	.5943			231F	.6425			332F	.6108		
110F	.6879			210F	.7328			310F	.7275		
109F	.6852			208F	-.0520			309F	.6086		
108F	.1330			201F	-2.3798			308F	.0775		
101F	-1.4577			202F	-4.9287			301F	-2.4987		
102F	-3.1250			203F	-4.4937			302F	-3.9890		
103F	-3.7433			204F	-2.9796			303F	-4.5941		
104F	-3.2927			205F	-2.1579			304F	-2.7458		
105F	-2.5304			206F	-1.7444			305F	-1.9927		
106F	-2.0020			221F	-1.1388			319F	-1.3229		
107F	-1.6532			222F	-.9615			320F	-1.0547		
121F	-1.2380			223F	-.8318			321F	-.8653		
122F	-.9707			224F	-.7471			322F	-.7820		
123F	-.7246			225F	-.6531			323F	-.6802		
124F	-.6809			226F	-.5632			325F	-.5214		
125F	-.4560			227F	-.4494			326F	-.4341		
126F	-.4057			228F	-.3263			327F	-.3019		
127F	-.2919			229F	-.1860			328F	-.1418		
128F	-.2072			259F	-.1146			329F	-.0849		
129F	-.1119			260F	-.0696			330F	-.0611		

TABLE 31 .- TABULATED PRESSURE DATA FOR RUN 4 AT ALPHA = 10.57 DEGREES AND QINF = 8.66 KN/SQM (180.90 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
165F	.2987			264F	-.1292			345F	.3098		
164F	.3425			263F	.3279			344F	.3548		
156F	.3597			262F	.3689			343F	.3601		
155F	.3676			255F	.3769			342F	.3429		
154F	.3610			254F	.3742			341F	.2608		
153F	.3385			253F	.3372			340F	.2012		
139F	.3212			252F	.2789			339F	.1708		
138F	.2842			238F	.1715			338F	.0781		
137F	.1941			237F	.1271			337F	.1311		
136F	.0798			236F	.1483			336F	.2224		
135F	.1265			235F	.2211			335F	.3310		
133F	.3676			234F	.3085			334F	.4012		
132F	.5279			232F	.5852			333F	.5733		
131F	.6339			231F	.6792			332F	.6541		
110F	.7020			210F	.7430			310F	.7430		
109F	.6438			208F	-.4052			309F	.4864		
108F	-.0864			201F	-3.0614			308F	-.2226		
101F	-1.9026			202F	-5.7778			301F	-3.2122		
102F	-3.7135			203F	-5.1446			302F	-4.7985		
103F	-4.2413			204F	-3.3246			303F	-5.2744		
104F	-3.6514			205F	-2.3643			304F	-3.0680		
105F	-2.7757			206F	-1.9052			305F	-2.2068		
106F	-2.1910			221F	-1.2232			319F	-1.4012		
107F	-1.7915			222F	-1.0085			320F	-1.1393		
121F	-1.3318			223F	-.8774			321F	-.9295		
122F	-1.0244			224F	-.7754			322F	-.8196		
123F	-.7569			225F	-.6655			323F	-.7097		
124F	-.7145			226F	-.5621			325F	-.5256		
125F	-.4707			227F	-.4283			326F	-.4250		
126F	-.4085			228F	-.3104			327F	-.2820		
127F	-.2985			229F	-.1687			328F	-.1417		
128F	-.2018			259F	-.1223			329F	-.0953		
129F	-.1118			260F	-.0839			330F	-.0834		

TABLE 32.- TABULATED PRESSURE DATA FOR RUN 4 AT ALPHA = 11.69 DEGREES AND QINF = 8.63 KN/SQM (180.30 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
165F	.3020			264F	-.1559			345F	.2986		
164F	.3486			263F	.3220			344F	.3558		
156F	.3672			262F	.3659			343F	.3558		
155F	.3725			255F	.3792			342F	.3439		
154F	.3712			254F	.3765			341F	.2548		
153F	.3472			253F	.3353			340F	.2082		
139F	.3353			252F	.2833			339F	.1896		
138F	.2980			238F	.1795			338F	.0925		
137F	.2141			237F	.1417			337F	.1510		
136F	.1010			236F	.1643			336F	.2481		
135F	.1636			235F	.2521			335F	.3612		
133F	.4125			234F	.3412			334F	.4476		
132F	.5709			232F	.6138			333F	.6098		
131F	.6654			231F	.7003			332F	.6830		
110F	.7099			210F	.7485			310F	.7511		
109F	.5798			208F	-.7486			309F	.3619		
108F	-.3235			201F	-3.7479			308F	-.5374		
101F	-2.3625			202F	-6.6224			301F	-3.9113		
102F	-4.3125			203F	-5.7061			302F	-5.5574		
103F	-4.7096			204F	-3.6271			303F	-5.9576		
104F	-3.9751			205F	-2.5564			304F	-3.3614		
105F	-2.9908			206F	-2.0543			305F	-2.4090		
106F	-2.3439			221F	-1.2812			319F	-1.4645		
107F	-1.9109			222F	-1.0645			320F	-1.2121		
121F	-1.3956			223F	-.9142			321F	-.9847		
122F	-1.0698			224F	-.8025			322F	-.8557		
123F	-.7892			225F	-.6828			323F	-.7240		
124F	-.7320			226F	-.5618			325F	-.5139		
125F	-.4793			227F	-.4221			326F	-.4035		
126F	-.4062			228F	-.2931			327F	-.2758		
127F	-.2878			229F	-.1655			328F	-.1562		
128F	-.1921			259F	-.1163			329F	-.1309		
129F	-.1030			260F	-.0923			330F	-.1216		

TABLE 33.- TABULATED PRESSURE DATA FOR RUN 4 AT ALPHA = 12.65 DEGREES AND QINF = 9.26 KN/SQM (193.40 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
165F	.3491			264F	-.0921			345F	.3188		
164F	.3950			263F	.3702			344F	.3708		
156F	.4197			262F	.4111			343F	.3794		
155F	.4197			255F	.4284			342F	.3683		
154F	.4160			254F	.4259			341F	.2928		
153F	.3999			253F	.3962			340F	.2531		
139F	.3888			252F	.3417			339F	.2284		
138F	.3590			238F	.2487			338F	.1491		
137F	.2834			237F	.2296			337F	.1987		
136F	.1855			236F	.2593			336F	.3113		
135F	.2487			235F	.3398			335F	.4277		
133F	.4904			234F	.4277			334F	.5033		
132F	.6367			232F	.6816			333F	.6704		
131F	.7135			231F	.7497			332F	.7200		
110F	.7241			210F	.7562			310F	.7748		
109F	.5386			208F	-.9774			309F	.3259		
108F	-.4729			201F	-4.0786			308F	-.6411		
101F	-2.5738			202F	-6.8723			301F	-4.0688		
102F	-4.4925			203F	-5.6481			302F	-5.5942		
103F	-4.7829			204F	-3.6137			303F	-5.8858		
104F	-3.9204			205F	-2.5058			304F	-3.2403		
105F	-2.9460			206F	-1.9753			305F	-2.2486		
106F	-2.2634			221F	-1.2055			319F	-1.3335		
107F	-1.8195			222F	-.9765			320F	-1.0862		
121F	-1.3182			223F	-.8167			321F	-.8502		
122F	-.9839			224F	-.7016			322F	-.7486		
123F	-.6941			225F	-.5703			323F	-.6372		
124F	-.6359			226F	-.4514			325F	-.4391		
125F	-.3895			227F	-.3016			326F	-.3499		
126F	-.3103			228F	-.1815			327F	-.2199		
127F	-.2013			229F	-.0812			328F	-.1369		
128F	-.1146			259F	-.0589			329F	-.1196		
129F	-.0317			260F	-.0478			330F	-.1084		

RUN NUMBER 4 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

MACH	Q,PSF	P	ALPHA,DEG	UNCORRECTED CL	UNCORRECTED CD	UNCORRECTED CM	UNCORRECTED L/D	CORRECTED FOR STRUT INTERFERENCE CL	CORRECTED FOR STRUT INTERFERENCE CD	CORRECTED FOR STRUT INTERFERENCE CM	CORRECTED FOR STRUT INTERFERENCE L/D	ISUBT
.203	178.20	2.74	-5.92	-.2500	.0324	-.0842	-7.72	-.3741	.0280	-.1392	-13.36	OFF
.204	180.40	2.75	-4.09	-.0580	.0268	-.0940	-2.16	-.1830	.0225	-.1490	-8.13	OFF
.204	181.00	2.74	-1.89	.1700	.0231	-.0966	7.36	.0439	.0191	-.1516	2.29	OFF
.204	181.40	2.74	-.21	.3350	.0240	-.0915	13.96	.2078	.0202	-.1466	10.31	OFF
.203	180.20	2.73	2.30	.5710	.0290	-.0709	19.69	.4480	.0267	-.1187	16.80	OFF
.204	181.10	2.73	4.27	.7590	.0352	-.0547	21.56	.6427	.0357	-.1112	17.99	OFF
.203	180.50	2.72	6.43	.9430	.0447	-.0345	21.21	.8414	.0469	-.0948	17.93	OFF
.204	181.20	2.72	8.52	1.1260	.0564	-.0094	19.96	1.0304	.0612	-.0760	16.83	OFF
.204	181.00	2.72	9.49	1.2110	.0634	.0052	19.10	1.1285	.0699	-.0658	16.14	OFF
.203	180.90	2.71	10.57	1.3020	.0714	.0246	18.24	1.2535	.0764	-.0338	16.40	OFF
.203	180.30	2.70	11.69	1.3810	.0793	.0473	17.41	1.3666	.0822	.0236	16.63	OFF
.211	193.40	2.80	12.65	1.3500	.0878	.0783	15.38	1.3441	.0894	.0751	15.03	OFF
.217	205.50	2.88	14.59	1.3480	.1093	.1524	12.33	1.3297	.1094	.1299	12.15	OFF
.202	179.30	2.70	16.73	1.4400	.2562	.1997	5.62	1.4150	.2562	.1561	5.52	OFF
.202	178.30	2.70	18.80	1.4360	.3213	.2123	4.47	1.4110	.3213	.1659	4.39	OFF
.203	180.50	2.70	.33	.3660	.0244	-.0864	15.82	.2596	.0207	-.1412	12.55	OFF

CRUISE WING CONFIGURATION, ASPECT RATIO 12

Table 34 . Tabulated longitidinal data for run 4.

TABLE 35 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = -4.09 DEGREES AND QINF = 13.38 KN/SQM (279.50 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
165F	.2612			264F	.0833			345F	.2502		
164F	.2868			263F	.2612			344F	.2502		
156F	.2911			262F	.2526			343F	.2374		
155F	.2903			255F	.2458			342F	.2143		
154F	.2689			254F	.2304			341F	.1546		
153F	.2364			253F	.1962			340F	.0845		
139F	.2090			252F	.1431			339F	-.0317		
138F	.1517			238F	-.0279			338F	-.2110		
137F	-.0023			237F	-.2016			337F	-.3152		
136F	-.2589			236F	-.3144			336F	-.3392		
135F	-.3530			235F	-.3511			335F	-.4383		
133F	-.4975			234F	-.4297			334F	-.4981		
132F	-.5334			232F	-.6168			333F	-.6723		
131F	-.5668			231F	-.7321			332F	-.8269		
110F	-.6089			210F	-.8906			310F	-1.1099		
109F	-.5576			208F	-.8009			309F	-1.3088		
108F	-.0182			201F	.5358			308F	-1.1364		
101F	.6545			202F	.7228			301F	.3959		
102F	.7211			203F	.3574			302F	.7655		
103F	.2328			204F	.1816			303F	.5094		
104F	-.0275			205F	.0740			304F	.3267		
105F	-.1786			206F	.0211			305F	.1662		
106F	-.1872			221F	-.0862			319F	-.0950		
107F	-.2128			222F	-.1178			320F	-.0233		
121F	-.2341			223F	-.1418			321F	-.0496		
122F	-.2401			224F	-.1785			322F	-.1102		
123F	-.2443			225F	-.2221			323F	-.1265		
124F	-.2495			226F	-.2221			325F	-.1991		
125F	-.2495			227F	-.2572			326F	-.2281		
126F	-.2144			228F	-.2367			327F	-.1880		
127F	-.1674			229F	-.1905			328F	-.1299		
128F	-.1196			259F	-.1401			329F	-.0530		
129F	-.0683			260F	-.0478			330F	.0350		

TABLE 36 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = .16 DEGREES AND QINF = 13.44 KN/SQM (280.80 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
165F	.2757			264F	.0217			345F	.3095		
164F	.3107			263F	.3167			344F	.3290		
156F	.3209			262F	.3337			343F	.3239		
155F	.3192			255F	.3294			342F	.2984		
154F	.3005			254F	.3184			341F	.2132		
153F	.2706			253F	.2732			340F	.1229		
139F	.2468			252F	.1999			339F	.0284		
138F	.1973			238F	.0286			338F	-.1343		
137F	.0609			237F	-.0943			337F	-.1752		
136F	-.1556			236F	-.1582			336F	-.1463		
135F	-.1990			235F	-.1454			335F	-.1284		
133F	-.1820			234F	-.1548			334F	-.1590		
132F	-.1027			232F	-.1292			333F	-.1633		
131F	-.0379			231F	-.1147			332F	-.1599		
110F	.0339			210F	-.0537			310F	-.1387		
109F	.2151			208F	.5052			309F	.1148		
108F	.6277			201F	.7221			308F	.4023		
101F	.6677			202F	-.0707			301F	.7510		
102F	.2049			203F	-.6006			302F	.4014		
103F	-.6440			204F	-.5777			303F	-.4075		
104F	-.8082			205F	-.5011			304F	-.3922		
105F	-.8090			206F	-.4535			305F	-.3846		
106F	-.6950			221F	-.3901			319F	-.4798		
107F	-.6346			222F	-.3637			320F	-.3250		
121F	-.5408			223F	-.3594			321F	-.3055		
122F	-.4710			224F	-.3603			322F	-.3353		
123F	-.3943			225F	-.3688			323F	-.3149		
124F	-.3926			226F	-.3475			325F	-.3370		
125F	-.2998			227F	-.3441			326F	-.3294		
126F	-.2905			228F	-.2964			327F	-.2646		
127F	-.2258			229F	-.2198			328F	-.1709		
128F	-.1636			259F	-.1551			329F	-.0755		
129F	-.0955			260F	-.0529			330F	.0122		

TABLE 37 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = 4.31 DEGREES AND QINF = 13.39 KN/SQM (279.60 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
165F	.2943			264F	-.0269			345F	.3310		
164F	.3285			263F	.3337			344F	.3516		
156F	.3448			262F	.3637			343F	.3533		
155F	.3457			255F	.3628			342F	.3327		
154F	.3337			254F	.3542			341F	.2446		
153F	.3071			253F	.3088			340F	.1676		
139F	.2789			252F	.2412			339F	.0923		
138F	.2360			238F	.0938			338F	-.0472		
137F	.1170			237F	-.0010			337F	-.0403		
136F	-.0603			236F	-.0283			336F	.0222		
135F	-.0569			235F	.0162			335F	.0846		
133F	.0630			234F	.0504			334F	.1043		
132F	.2009			232F	.2361			333F	.2027		
131F	.3114			231F	.3182			332F	.2746		
110F	.4328			210F	.4490			310F	.4122		
109F	.6216			208F	.7412			309F	.6805		
108F	.6968			201F	-.0654			308F	.7412		
101F	.0867			202F	-1.7358			301F	-.0030		
102F	-.9070			203F	-2.0016			302F	-.9677		
103F	-1.7863			204F	-1.5308			303F	-1.8751		
104F	-1.7563			205F	-1.1668			304F	-1.3625		
105F	-1.5180			206F	-.9950			305F	-1.0318		
106F	-1.2334			221F	-.7162			319F	-.8540		
107F	-1.0651			222F	-.6288			320F	-.6447		
121F	-.8437			223F	-.5732			321F	-.5503		
122F	-.6948			224F	-.5484			322F	-.5383		
123F	-.5535			225F	-.5082			323F	-.4801		
124F	-.5261			226F	-.4679			325F	-.4467		
125F	-.3601			227F	-.4174			326F	-.4134		
126F	-.3464			228F	-.3455			327F	-.3124		
127F	-.2693			229F	-.2308			328F	-.1832		
128F	-.1872			259F	-.1392			329F	-.0763		
129F	-.1110			260F	-.0451			330F	-.0078		

TABLE 38 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = 8.50 DEGREES AND QINF = 13.35 KN/SQM (278.90 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
165F	.3142			264F	-.0760			345F	.3400		
164F	.3537			263F	.3460			344F	.3700		
156F	.3692			262F	.3795			343F	.3752		
155F	.3743			255F	.3881			342F	.3520		
154F	.3615			254F	.3812			341F	.2679		
153F	.3425			253F	.3365			340F	.2061		
139F	.3185			252F	.2746			339F	.1563		
138F	.2789			238F	.1603			338F	.0422		
137F	.1827			237F	.0962			337F	.0851		
136F	.0469			236F	.1023			336F	.1666		
135F	.0830			235F	.1709			335F	.2610		
133F	.2867			234F	.2362			334F	.3271		
132F	.4568			232F	.4954			333F	.4842		
131F	.5669			231F	.6009			332F	.5769		
110F	.6673			210F	.7093			310F	.6999		
109F	.7119			208F	.1828			309F	.6802		
108F	.2866			201F	-1.8418			308F	.2883		
101F	-1.1026			202F	-4.2071			301F	-1.9292		
102F	-2.6838			203F	-3.9165			302F	-3.3131		
103F	-3.3411			204F	-2.6924			303F	-3.9530		
104F	-2.9264			205F	-1.9567			304F	-2.4540		
105F	-2.3434			206F	-1.5871			305F	-1.8280		
106F	-1.8580			221F	-1.0445			319F	-1.2355		
107F	-1.5373			222F	-.8830			320F	-.9842		
121F	-1.1561			223F	-.7766			321F	-.8075		
122F	-.9054			224F	-.7096			322F	-.7371		
123F	-.6933			225F	-.6306			323F	-.6436		
124F	-.6520			226F	-.5507			325F	-.5260		
125F	-.4262			227F	-.4537			326F	-.4548		
126F	-.3859			228F	-.3524			327F	-.3277		
127F	-.2845			229F	-.2021			328F	-.1612		
128F	-.2030			259F	-.1180			329F	-.0685		
129F	-.1068			260F	-.0441			330F	-.0342		

TABLE 39 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = 9.56 DEGREES AND QINF = 13.27 KN/SQM (277.20 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
165F	.3143			264F	-.0868			345F	.3351		
164F	.3524			263F	.3454			344F	.3722		
156F	.3714			262F	.3809			343F	.3740		
155F	.3757			255F	.3930			342F	.3558		
154F	.3636			254F	.3852			341F	.2712		
153F	.3454			253F	.3437			340F	.2099		
139F	.3247			252F	.2806			339F	.1685		
138F	.2901			238F	.1673			338F	.0649		
137F	.1976			237F	.1184			337F	.1149		
136F	.0670			236F	.1331			336F	.1996		
135F	.1172			235F	.2091			335F	.3066		
133F	.3368			234F	.2850			334F	.3697		
132F	.4993			232F	.5458			333F	.5354		
131F	.6100			231F	.6459			332F	.6261		
110F	.6961			210F	.7341			310F	.7315		
109F	.6892			208F	-.0869			309F	.6029		
108F	.1281			201F	-2.4201			308F	.0608		
101F	-1.4585			202F	-4.9407			301F	-2.5660		
102F	-3.1827			203F	-4.4292			302F	-4.0168		
103F	-3.7619			204F	-2.9851			303F	-4.5583		
104F	-3.2289			205F	-2.1396			304F	-2.7611		
105F	-2.5505			206F	-1.7382			305F	-2.0110		
106F	-2.0075			221F	-1.1121			319F	-1.3264		
107F	-1.6449			222F	-.9358			320F	-1.0580		
121F	-1.2357			223F	-.8174			321F	-.8650		
122F	-.9531			224F	-.7293			322F	-.7787		
123F	-.7319			225F	-.6463			323F	-.6673		
124F	-.6783			226F	-.5591			325F	-.5343		
125F	-.4407			227F	-.4519			326F	-.4471		
126F	-.3974			228F	-.3439			327F	-.3142		
127F	-.2894			229F	-.1892			328F	-.1493		
128F	-.1996			259F	-.1183			329F	-.0672		
129F	-.1045			260F	-.0527			330F	-.0405		

TABLE 40 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = 10.52 DEGREES AND QINF = 13.30 KN/SQM (277.80 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
165F	.3150			264F	-.1016			345F	.3315		
164F	.3547			263F	.3470			344F	.3685		
156F	.3754			262F	.3840			343F	.3754		
155F	.3840			255F	.3961			342F	.3608		
154F	.3763			254F	.3918			341F	.2807		
153F	.3556			253F	.3530			340F	.2186		
139F	.3340			252F	.2926			339F	.1850		
138F	.2969			238F	.1805			338F	.0842		
137F	.2107			237F	.1402			337F	.1428		
136F	.0907			236F	.1549			336F	.2315		
135F	.1434			235F	.2324			335F	.3384		
133F	.3754			234F	.3168			334F	.4116		
132F	.5411			232F	.5848			333F	.5762		
131F	.6455			231F	.6830			332F	.6623		
110F	.7107			210F	.7486			310F	.7503		
109F	.6470			208F	-.3795			309F	.5066		
108F	-.0773			201F	-3.0430			308F	-.2064		
101F	-1.8452			202F	-5.7364			301F	-3.1932		
102F	-3.6737			203F	-4.9299			302F	-4.7336		
103F	-4.1422			204F	-3.3220			303F	-5.0725		
104F	-3.5141			205F	-2.3516			304F	-3.0524		
105F	-2.7546			206F	-1.8900			305F	-2.1949		
106F	-2.1578			221F	-1.2044			319F	-1.4103		
107F	-1.7548			222F	-1.0001			320F	-1.1399		
121F	-1.3027			223F	-.8622			321F	-.9169		
122F	-1.0122			224F	-.7725			322F	-.8213		
123F	-.7699			225F	-.6630			323F	-.7075		
124F	-.6940			226F	-.5699			325F	-.5439		
125F	-.4440			227F	-.4518			326F	-.4534		
126F	-.3940			228F	-.3337			327F	-.3043		
127F	-.2871			229F	-.1845			328F	-.1441		
128F	-.1906			259F	-.1061			329F	-.0769		
129F	-.0966			260F	-.0535			330F	-.0519		

TABLE 41 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = 11.62 DEGREES AND QINF = 13.29 KN/SQM (277.60 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
165F	.3184			264F	-.1213			345F	.3338		
164F	.3598			263F	.3503			344F	.3709		
156F	.3780			262F	.3927			343F	.3778		
155F	.3831			255F	.4047			342F	.3614		
154F	.3780			254F	.3987			341F	.2829		
153F	.3616			253F	.3590			340F	.2277		
139F	.3434			252F	.3063			339F	.1957		
138F	.3114			238F	.2052			338F	.1008		
137F	.2294			237F	.1673			337F	.1699		
136F	.1206			236F	.1940			336F	.2622		
135F	.1784			235F	.2725			335F	.3830		
133F	.4263			234F	.3666			334F	.4563		
132F	.5827			232F	.6315			333F	.6203		
131F	.6743			231F	.7204			332F	.6945		
110F	.7180			210F	.7447			310F	.7533		
109F	.5817			208F	-.7669			309F	.3567		
108F	-.3263			201F	-3.7654			308F	-.5556		
101F	-2.3553			202F	-6.6265			301F	-4.0355		
102F	-4.3593			203F	-5.4054			302F	-5.6224		
103F	-4.6901			204F	-3.6629			303F	-5.6566		
104F	-3.8816			205F	-2.5846			304F	-3.4048		
105F	-3.0125			206F	-2.0612			305F	-2.4208		
106F	-2.3516			221F	-1.2863			319F	-1.4800		
107F	-1.9077			222F	-1.0697			320F	-1.2084		
121F	-1.3839			223F	-.9144			321F	-.9838		
122F	-1.0602			224F	-.8142			322F	-.8570		
123F	-.8056			225F	-.6960			323F	-.7362		
124F	-.7314			226F	-.5812			325F	-.5463		
125F	-.4604			227F	-.4457			326F	-.4428		
126F	-.4017			228F	-.3162			327F	-.2935		
127F	-.2895			229F	-.1704			328F	-.1390		
128F	-.1945			259F	-.1057			329F	-.0847		
129F	-.1013			260F	-.0634			330F	-.0640		

TABLE 42 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = 12.60 DEGREES AND QINF = 13.25 KN/SQM (276.70 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
165F	.3148			264F	-.1362			345F	.3201		
164F	.3634			263F	.3425			344F	.3677		
156F	.3824			262F	.3911			343F	.3755		
155F	.3876			255F	.4032			342F	.3599		
154F	.3824			254F	.3998			341F	.2794		
153F	.3660			253F	.3642			340F	.2335		
139F	.3495			252F	.3087			339F	.2075		
138F	.3200			238F	.2073			338F	.1174		
137F	.2411			237F	.1824			337F	.1962		
136F	.1379			236F	.2135			336F	.2923		
135F	.2055			235F	.3001			335F	.4084		
133F	.4579			234F	.3980			334F	.4933		
132F	.6148			232F	.6595			333F	.6492		
131F	.6929			231F	.7332			332F	.7141		
110F	.7075			210F	.7343			310F	.7404		
109F	.5060			208F	-1.1576			309F	.1988		
108F	-.5849			201F	-4.4830			308F	-.9188		
101F	-2.8480			202F	-7.4871			301F	-4.7659		
102F	-4.9640			203F	-5.8127			302F	-6.4351		
103F	-5.1620			204F	-3.9772			303F	-6.1282		
104F	-4.2044			205F	-2.7684			304F	-3.7260		
105F	-3.2176			206F	-2.2061			305F	-2.6282		
106F	-2.5019			221F	-1.3554			319F	-1.5763		
107F	-2.0088			222F	-1.1172			320F	-1.2925		
121F	-1.4853			223F	-.9500			321F	-1.0362		
122F	-1.1137			224F	-.8339			322F	-.8993		
123F	-.8348			225F	-.6997			323F	-.7573		
124F	-.7464			226F	-.5792			325F	-.5399		
125F	-.4727			227F	-.4346			326F	-.4282		
126F	-.3956			228F	-.3012			327F	-.2767		
127F	-.2778			229F	-.1583			328F	-.1363		
128F	-.1825			259F	-.1219			329F	-.0982		
129F	-.0890			260F	-.0855			330F	-.0827		

RUN NUMBER 3 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

MACH	Q,PSF	R	ALPHA,DEG	UNCORRECTED CL	UNCORRECTED CD	UNCORRECTED CM	UNCORRECTED L/D	CORRECTED FOR STRUT INTERFERENCE CL	CORRECTED FOR STRUT INTERFERENCE CD	CORRECTED FOR STRUT INTERFERENCE CM	CORRECTED FOR STRUT INTERFERENCE L/D	ISUBT
.204	277.60	4.14	-6.14	-.2470	.0305	-.0849	-8.10	-.3708	.0261	-.1399	-14.22	OFF
.205	279.50	4.15	-4.09	-.0420	.0244	-.0933	-1.72	-.1670	.0201	-.1483	-8.31	OFF
.205	280.20	4.16	-1.92	.1720	.0221	-.0944	7.78	.0459	.0181	-.1494	2.53	OFF
.206	280.80	4.16	.16	.3800	.0227	-.0847	16.74	.2533	.0189	-.1396	13.37	OFF
.205	279.90	4.15	2.14	.5570	.0263	-.0699	21.18	.4334	.0238	-.1177	18.19	OFF
.205	279.60	4.14	4.31	.7600	.0329	-.0532	23.10	.6438	.0335	-.1099	19.22	OFF
.205	278.70	4.13	6.41	.9460	.0423	-.0342	22.36	.8393	.0445	-.0945	18.85	OFF
.205	278.90	4.13	8.50	1.1350	.0551	-.0098	20.60	1.0392	.0598	-.0763	17.37	OFF
.204	277.20	4.11	9.56	1.2220	.0630	.0037	19.40	1.1408	.0695	-.0673	16.41	OFF
.204	277.80	4.11	10.52	1.3030	.0691	.0178	18.86	1.2525	.0742	-.0418	16.87	OFF
.204	277.60	4.11	11.62	1.3950	.0774	.0370	18.02	1.3793	.0804	.0111	17.16	OFF
.204	276.70	4.10	12.60	1.4710	.0854	.0550	17.22	1.4650	.0871	.0512	16.82	OFF
.205	278.20	4.11	14.66	1.5910	.1126	.1223	14.13	1.5720	.1127	.0982	13.95	OFF
.205	278.90	4.12	16.67	1.4330	.2277	.1631	6.29	1.4079	.2277	.1196	6.18	OFF
.204	278.00	4.12	18.48	1.3440	.3030	.2029	4.44	1.3190	.3030	.1559	4.35	OFF
.205	279.20	4.12	.34	.3930	.0237	-.0818	16.58	.2666	.0200	-.1366	13.34	OFF

CRUISE WING CONFIGURATION, ASPECT RATIO 12

Table 43 . Tabulated longitidinal data for run 3.

TABLE 44 .- TABULATED PRESSURE DATA FOR RUN 10 AT ALPHA = -4.22 DEGREES AND QINF = 2.83 KN/SQM (59.10 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
165F	.2553			264F	.0857			345F	.2399		
164F	.2835			263F	.2431			344F	.2439		
156F	.2835			262F	.2431			343F	.2359		
155F	.2835			255F	.2351			342F	.2117		
154F	.2633			254F	.2230			341F	.1592		
153F	.2310			253F	.1907			340F	.1592		
139F	.1987			252F	.1382			339F	.0140		
138F	.1463			238F	-.0233			338F	-.1594		
137F	-.0072			237F	-.1715			337F	-.2844		
136F	-.2655			236F	-.2925			336F	-.2884		
135F	-.3543			235F	-.3449			335F	-.4054		
133F	-.5199			234F	-.3812			334F	-.4860		
132F	-.5643			232F	-.6433			333F	-.6756		
131F	-.6006			231F	-.7804			332F	-.8450		
110F	-.6461			210F	-.9443			310F	-1.0491		
109F	-.5776			208F	-.8355			309F	-1.2103		
108F	-.0215			201F	.5185			308F	-1.0088		
101F	.6515			202F	.7160			301F	.4379		
102F	.7160			203F	.3453			302F	.7684		
103F	.2405			204F	.1599			303F	.4742		
104F	-.0456			205F	.0511			304F	.2727		
105F	-.2028			206F	-.0053			305F	.1196		
106F	-.2109			221F	-.1150			319F	.0350		
107F	-.2512			222F	-.1513			320F	-.0577		
121F	-.2521			223F	-.1795			321F	-.1069		
122F	-.2562			224F	-.2037			322F	-.1513		
123F	-.2602			225F	-.2360			323F	-.1755		
124F	-.2602			226F	-.2562			325F	-.2441		
125F	-.2723			227F	-.2763			326F	-.2562		
126F	-.2320			228F	-.2642			327F	-.1392		
127F	-.1957			229F	-.2078			328F	-.1513		
128F	-.1432			259F	-.1352			329F	-.0747		
129F	-.0908			260F	-.0505			330F	.0866		

TABLE 45 .- TABULATED PRESSURE DATA FOR RUN 10 AT ALPHA = .44 DEGREES AND QINF = 2.84 KN/SQM (59.30 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
165F	.2815			264F	.0198			345F	.3064		
164F	.3177			263F	.3378			344F	.3466		
156F	.3378			262F	.3620			343F	.3345		
155F	.3338			255F	.3620			342F	.3064		
154F	.3177			254F	.3539			341F	.2098		
153F	.2855			253F	.2976			340F	.1656		
139F	.2533			252F	.2050			339F	.0369		
138F	.2050			238F	.0037			338F	-.0998		
137F	.0681			237F	-.0636			337F	-.1561		
136F	-.1654			236F	-.1079			336F	-.1521		
135F	-.2016			235F	-.1642			335F	-.1159		
133F	-.1775			234F	-.1441			334F	-.1521		
132F	-.0969			232F	-.2125			333F	-.1561		
131F	-.0325			231F	-.1200			332F	-.1481		
110F	.0700			210F	-.0224			310F	-.1108		
109F	.2629			208F	.5441			309F	.1544		
108F	.6365			201F	.6887			308F	.4477		
101F	.6365			202F	-.1992			301F	.7209		
102F	.1343			203F	-.7094			302F	.3191		
103F	-.7255			204F	-.6732			303F	-.5085		
104F	-.9103			205F	-.5889			304F	-.5085		
105F	-.8581			206F	-.5326			305F	-.4683		
106F	-.7656			221F	-.4428			319F	-.3719		
107F	-.6853			222F	-.4106			320F	-.3679		
121F	-.5635			223F	-.3985			321F	-.3613		
122F	-.4830			224F	-.4025			322F	-.3572		
123F	-.4066			225F	-.4025			323F	-.3492		
124F	-.4146			226F	-.3744			325F	-.3733		
125F	-.3301			227F	-.3663			326F	-.3492		
126F	-.2939			228F	-.3180			327F	-.2647		
127F	-.2375			229F	-.2295			328F	-.2205		
128F	-.1772			259F	-.1530			329F	-.1923		
129F	-.1047			260F	-.0564			330F	-.0073		

TABLE 46 .- TABULATED PRESSURE DATA FOR RUN 10 AT ALPHA = 4.52 DEGREES AND QINF = 2.79 KN/SQM (58.30 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
165F	.2960			264F	-.0117			345F	.3172		
164F	.3329			263F	.3411			344F	.3500		
156F	.3534			262F	.3740			343F	.3377		
155F	.3575			255F	.3822			342F	.3172		
154F	.3493			254F	.3740			341F	.2270		
153F	.3165			253F	.3206			340F	.1860		
139F	.2878			252F	.2344			339F	.0467		
138F	.2426			238F	.0867			338F	-.0312		
137F	.0908			237F	.0057			337F	-.0722		
136F	-.0692			236F	-.0148			336F	.0180		
135F	-.0610			235F	-.0107			335F	.0631		
133F	.0703			234F	-.0025			334F	.0672		
132F	.2180			232F	.2393			333F	.1778		
131F	.3329			231F	.3213			332F	.2352		
110F	.4611			210F	.4652			310F	.3874		
109F	.6413			208F	.7355			309F	.6618		
108F	.6905			201F	-.1082			308F	.7396		
101F	.0392			202F	-1.8080			301F	.0556		
102F	-.9479			203F	-2.0210			302F	-.8905		
103F	-1.8736			204F	-1.6442			303F	-1.7261		
104F	-1.8449			205F	-1.2182			304F	-1.3902		
105F	-1.5623			206F	-.9929			305F	-1.1199		
106F	-1.3247			221F	-.7412			319F	-.7595		
107F	-1.0667			222F	-.6510			320F	-.6120		
121F	-.8478			223F	-.5895			321F	-.5354		
122F	-.7002			224F	-.5485			322F	-.5272		
123F	-.5239			225F	-.5116			323F	-.5231		
124F	-.5280			226F	-.4582			325F	-.4165		
125F	-.3885			227F	-.4049			326F	-.3714		
126F	-.3434			228F	-.3270			327F	-.2894		
127F	-.2655			229F	-.1999			328F	-.1747		
128F	-.1835			259F	-.1220			329F	-.0845		
129F	-.1097			260F	-.0481			330F	-.0107		

TABLE 47 .- TABULATED PRESSURE DATA FOR RUN 10 AT ALPHA = 8.43 DEGREES AND QINF = 2.77 KN/SQM (57.90 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
165F	.2906			264F	-.0815			345F	.2870		
164F	.3319			263F	.3236			344F	.3365		
156F	.3526			262F	.3732			343F	.3324		
155F	.3650			255F	.3774			342F	.3159		
154F	.3526			254F	.3732			341F	.2374		
153F	.3319			253F	.3278			340F	.2044		
139F	.3071			252F	.2492			339F	.1507		
138F	.2699			238F	.1335			338F	.0185		
137F	.1583			237F	.0722			337F	-.0022		
136F	.0177			236F	.0722			336F	.0846		
135F	.0591			235F	.0763			335F	.0970		
133F	.2699			234F	.1754			334F	.2209		
132F	.4311			232F	.4646			333F	.4026		
131F	.5469			231F	.5720			332F	.4481		
110F	.6591			210F	.6962			310F	.6550		
109F	.7086			208F	.2671			309F	.7127		
108F	.3249			201F	-1.6394			308F	.4652		
101F	-1.0039			202F	-3.8966			301F	-1.3588		
102F	-2.4482			203F	-3.5789			302F	-2.6256		
103F	-3.2199			204F	-2.4152			303F	-3.1538		
104F	-2.9228			205F	-1.8292			304F	-2.4730		
105F	-2.2460			206F	-1.5280			305F	-1.5569		
106F	-1.7880			221F	-1.0065			319F	-1.0493		
107F	-1.4991			222F	-.8577			320F	-.8471		
121F	-1.1346			223F	-.7627			321F	-.6714		
122F	-.8990			224F	-.6966			322F	-.6383		
123F	-.6511			225F	-.5974			323F	-.6301		
124F	-.6346			226F	-.5106			325F	-.4483		
125F	-.4569			227F	-.4032			326F	-.3905		
126F	-.3743			228F	-.2875			327F	-.2707		
127F	-.2710			229F	-.1718			328F	-.1674		
128F	-.2090			259F	-.1140			329F	-.1674		
129F	-.1140			260F	-.0851			330F	-.1013		

TABLE 48 .- TABULATED PRESSURE DATA FOR RUN 10 AT ALPHA = 9.35 DEGREES AND QINF = 2.77 KN/SQM (57.80 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
165F	.2895			264F	-.1162			345F	.2818		
164F	.3309			263F	.3227			344F	.3315		
156F	.3558			262F	.3641			343F	.3315		
155F	.3641			255F	.3723			342F	.3066		
154F	.3599			254F	.3682			341F	.2239		
153F	.3351			253F	.3268			340F	.1908		
139F	.3102			252F	.2481			339F	.1081		
138F	.2771			238F	.1405			338F	.0419		
137F	.1695			237F	.0791			337F	.0212		
136F	.0329			236F	.0998			336F	.0957		
135F	.0867			235F	.0998			335F	.1867		
133F	.3102			234F	.2239			334F	.1908		
132F	.4758			232F	.4390			333F	.3935		
131F	.5835			231F	.6003			332F	.4886		
110F	.6834			210F	.7206			310F	.6875		
109F	.6917			208F	.0594			309F	.6875		
108F	.1834			201F	-2.1019			308F	.3321		
101F	-1.3457			202F	-4.4782			301F	-1.7713		
102F	-2.8871			203F	-4.0318			302F	-3.0896		
103F	-3.6103			204F	-2.5607			303F	-3.5938		
104F	-3.2549			205F	-2.0069			304F	-2.5607		
105F	-2.3458			206F	-1.6474			305F	-1.7011		
106F	-1.9242			221F	-1.0596			319F	-1.1101		
107F	-1.6060			222F	-.8940			320F	-.8870		
121F	-1.1920			223F	-.7864			321F	-.7110		
122F	-.9271			224F	-.6995			322F	-.6572		
123F	-.6539			225F	-.5919			323F	-.6490		
124F	-.6457			226F	-.4967			325F	-.4297		
125F	-.4470			227F	-.3725			326F	-.3511		
126F	-.3642			228F	-.2525			327F	-.2477		
127F	-.2566			229F	-.1573			328F	-.1732		
128F	-.1697			259F	-.1200			329F	-.0905		
129F	-.1076			260F	-.1035			330F	-.0781		

TABLE 49 .- TABULATED PRESSURE DATA FOR RUN 10 AT ALPHA = 10.25 DEGREES AND QINF = 2.77 KN/SQM (57.90 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
165F	.2856			264F	-.1489			345F	.2080		
164F	.3395			263F	.3063			344F	.2824		
156F	.3560			262F	.3560			343F	.2948		
155F	.3684			255F	.3726			342F	.2700		
154F	.3519			254F	.3684			341F	.1956		
153F	.3395			253F	.3312			340F	.1667		
139F	.3188			252F	.2484			339F	.0758		
138F	.2815			238F	.1532			338F	-.0069		
137F	.1905			237F	.0758			337F	-.0152		
136F	.0621			236F	.1006			336F	.0551		
135F	.1201			235F	.1006			335F	.1502		
133F	.3560			234F	.2494			334F	.2328		
132F	.5133			232F	.4974			333F	.3775		
131F	.6250			231F	.6214			332F	.3775		
110F	.6920			210F	.7333			310F	.6094		
109F	.6713			208F	-.1504			309F	.7250		
108F	.0271			201F	-2.5373			308F	.6094		
101F	-1.6370			202F	-5.0026			301F	-.3569		
102F	-3.3053			203F	-4.5112			302F	-.9020		
103F	-3.9454			204F	-2.7892			303F	-.9928		
104F	-3.5407			205F	-2.1367			304F	-.9598		
105F	-2.5166			206F	-1.7238			305F	-.9639		
106F	-2.0417			221F	-1.1158			319F	-.9515		
107F	-1.6990			222F	-.9297			320F	-.9392		
121F	-1.2523			223F	-.7974			321F	-.9081		
122F	-.9711			224F	-.7023			322F	-.8213		
123F	-.6857			225F	-.5823			323F	-.8089		
124F	-.6609			226F	-.4748			325F	-.5567		
125F	-.4541			227F	-.3424			326F	-.4740		
126F	-.3673			228F	-.2390			327F	-.4368		
127F	-.2556			229F	-.1729			328F	-.3335		
128F	-.1811			259F	-.1522			329F	-.3004		
129F	-.1067			260F	-.1439			330F	-.2963		

TABLE 50 .- TABULATED PRESSURE DATA FOR RUN 10 AT ALPHA = 11.46 DEGREES AND QINF = 2.77 KN/SQM (57.90 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
165F	.2849			264F	-.2095			345F	.1734		
164F	.3343			263F	.2725			344F	.2352		
156F	.3549			262F	.3343			343F	.2435		
155F	.3673			255F	.3467			342F	.2188		
154F	.3590			254F	.3426			341F	.1281		
153F	.3467			253F	.3055			340F	.0993		
139F	.3220			252F	.2190			339F	.0498		
138F	.2931			238F	.1324			338F	-.0944		
137F	.2025			237F	.0704			337F	-.0862		
136F	.0871			236F	.0993			336F	.0045		
135F	.1448			235F	.1734			335F	.1075		
133F	.3920			234F	.2806			334F	.1569		
132F	.5527			232F	.5443			333F	.2929		
131F	.6474			231F	.6762			332F	.3547		
110F	.7139			210F	.7756			310F	.5043		
109F	.6317			208F	.0273			309F	.6893		
108F	-.1783			201F	-1.7735			308F	.7057		
101F	-2.0449			202F	-2.4190			301F	.0602		
102F	-3.7923			203F	-1.6872			302F	-.4661		
103F	-4.3145			204F	-1.9298			303F	-.5483		
104F	-3.9074			205F	-1.9174			304F	-.5401		
105F	-2.6863			206F	-1.8516			305F	-.5318		
106F	-2.1682			221F	-1.7448			319F	-.5072		
107F	-1.7735			222F	-1.3989			320F	-.5113		
121F	-1.2878			223F	-1.1066			321F	-.5477		
122F	-1.0036			224F	-.8513			322F	-.5436		
123F	-.6907			225F	-.6907			323F	-.5189		
124F	-.6577			226F	-.5260			325F	-.4571		
125F	-.4518			227F	-.4148			326F	-.4612		
126F	-.3448			228F	-.3283			327F	-.4406		
127F	-.2377			229F	-.2501			328F	-.4076		
128F	-.1595			259F	-.2377			329F	-.3829		
129F	-.1018			260F	-.2212			330F	-.3664		

TABLE 51 .- TABULATED PRESSURE DATA FOR RUN 10 AT ALPHA = 12.56 DEGREES AND QINF = 2.76 KN/SQM (57.60 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
165F	.2027			264F	-.5139			345F	.1503		
164F	.2522			263F	.1574			344F	.2243		
156F	.2934			262F	.2275			343F	.2326		
155F	.3016			255F	.2481			342F	.1997		
154F	.3016			254F	.2522			341F	.1585		
153F	.2892			253F	.2110			340F	.0680		
139F	.2686			252F	.1039			339F	.0351		
138F	.2398			238F	-.0032			338F	-.1088		
137F	.1533			237F	-.0595			337F	-.1047		
136F	.0421			236F	-.0348			336F	-.0060		
135F	.1286			235F	.0639			335F	.1092		
133F	.3798			234F	.1503			334F	.1585		
132F	.5570			232F	.4012			333F	.2943		
131F	.6682			231F	.5082			332F	.3642		
110F	.7469			210F	.6235			310F	.5208		
109F	.7017			208F	.6276			309F	.6934		
108F	.0891			201F	-.1741			308F	.6934		
101F	-1.5842			202F	-.7743			301F	.0315		
102F	-2.7190			203F	-.6510			302F	-.4577		
103F	-2.2503			204F	-.6510			303F	-.4947		
104F	-2.0694			205F	-.6551			304F	-.4865		
105F	-1.8104			206F	-.6839			305F	-.4989		
106F	-1.6911			221F	-.6942			319F	-.5071		
107F	-1.7610			222F	-.6325			320F	-.4989		
121F	-1.5793			223F	-.6490			321F	-.5120		
122F	-1.3858			224F	-.7025			322F	-.4996		
123F	-.9783			225F	-.6984			323F	-.5202		
124F	-.9824			226F	-.6860			325F	-.4667		
125F	-.7313			227F	-.6325			326F	-.4791		
126F	-.5502			228F	-.6284			327F	-.4626		
127F	-.4843			229F	-.5749			328F	-.4461		
128F	-.4020			259F	-.5337			329F	-.4132		
129F	-.3402			260F	-.5172			330F	-.3844		

RUN NUMBER 10 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

MACH	Q,PSF	R	ALPHA,DEG	UNCORRECTED CL	UNCORRECTED CD	UNCORRECTED CM	UNCORRECTED L/D	CORRECTED FOR STRUT INTERFERENCE CL	CORRECTED FOR STRUT INTERFERENCE CD	CORRECTED FOR STRUT INTERFERENCE CM	CORRECTED FOR STRUT INTERFERENCE L/D	ISUBT
.203	59.30	.95	-5.97	-.2650	.0401	-.0682	-6.61	-.3890	.0357	-.1432	-10.90	OFF
.202	59.10	.95	-4.22	-.0670	.0318	-.1029	-2.11	-.1921	.0275	-.1579	-6.98	OFF
.202	59.10	.94	-2.13	.1470	.0272	-.1161	5.40	.0212	.0232	-.1711	.91	OFF
.203	59.30	.94	.44	.3900	.0244	-.1086	15.98	.2639	.0207	-.1632	12.73	OFF
.201	58.60	.94	2.10	.5410	.0280	-.0946	19.32	.4173	.0255	-.1424	16.37	OFF
.201	58.30	.93	4.52	.7330	.0330	-.0662	22.21	.6174	.0340	-.1241	18.16	OFF
.201	58.10	.93	6.31	.8820	.0406	-.0382	21.72	.7747	.0429	-.0987	18.07	OFF
.200	57.90	.93	8.43	1.0470	.0525	-.0064	19.94	.9505	.0570	-.0726	16.67	OFF
.200	57.80	.93	9.35	1.1200	.0611	.0268	18.33	1.0350	.0676	-.0438	15.31	OFF
.200	57.90	.93	10.25	1.1740	.0763	.0570	15.39	1.1128	.0820	-.0084	13.57	OFF
.200	57.90	.93	11.46	1.1300	.1425	.1151	7.93	1.1110	.1457	.0841	7.62	OFF
.200	57.60	.93	12.56	1.0530	.2113	.1222	4.98	1.0469	.2130	.1179	4.91	OFF
.200	57.70	.93	14.17	1.0240	.2555	.1280	4.01	1.0103	.2559	.1147	3.95	OFF
.200	57.50	.93	16.25	1.0130	.2988	.1388	3.39	.9879	.2988	.0959	3.31	OFF
.200	57.60	.93	18.36	1.0090	.3446	.1739	2.93	.9840	.3446	.1268	2.86	OFF
.200	57.70	.92	.25	.3800	.0235	-.1074	16.17	.2534	.0198	-.1623	12.83	OFF

CRUISE WING CONFIGURATION, ASPECT RATIO 10

Table 52 . Tabulated longitidinal data for run 10.

TABLE 53 .- TABULATED PRESSURE DATA FOR RUN 8 AT ALPHA = -4.21 DEGREES AND QINF = 8.24 KN/SQM (172.10 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
165F	.2498			264F	.0872			345F	.2585		
164F	.2720			263F	.2373			344F	.2654		
156F	.2804			262F	.2317			343F	.2516		
155F	.2776			255F	.2206			342F	.2349		
154F	.2567			254F	.2039			341F	.1906		
153F	.2234			253F	.1748			340F	.1060		
139F	.1887			252F	.1275			339F	-.0021		
138F	.1372			238F	-.0434			338F	-.1713		
137F	-.0267			237F	-.1823			337F	-.2614		
136F	-.2866			236F	-.3030			336F	-.3210		
135F	-.3838			235F	-.3473			335F	-.4139		
133F	-.5311			234F	-.4250			334F	-.4943		
132F	-.5686			232F	-.6260			333F	-.6662		
131F	-.6159			231F	-.7591			332F	-.8173		
110F	-.6711			210F	-.9693			310F	-1.1233		
109F	-.6212			208F	-.8916			309F	-1.3174		
108F	-.0650			201F	.4939			308F	-1.1302		
101F	.6354			202F	.7311			301F	.3913		
102F	.7214			203F	.3719			302F	.7602		
103F	.2457			204F	.1735			303F	.4981		
104F	-.0248			205F	.0667			304F	.3122		
105F	-.1677			206F	.0113			305F	.1458		
106F	-.1898			221F	-.0893			319F	-.0997		
107F	-.2120			222F	-.1156			320F	-.0484		
121F	-.2352			223F	-.1434			321F	-.0687		
122F	-.2435			224F	-.1823			322F	-.1214		
123F	-.2504			225F	-.2240			323F	-.1338		
124F	-.2560			226F	-.2268			325F	-.2045		
125F	-.2435			227F	-.2546			326F	-.2198		
126F	-.2227			228F	-.2379			327F	-.1754		
127F	-.1726			229F	-.1851			328F	-.1103		
128F	-.1240			259F	-.1379			329F	-.0257		
129F	-.0740			260F	-.0462			330F	.0575		

TABLE 54 .- TABULATED PRESSURE DATA FOR RUN 8 AT ALPHA = .40 DEGREES AND QINF = 8.30 KN/SQM (173.30 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
165F	.2685			264F	.0145			345F	.2999		
164F	.2961			263F	.3085			344F	.3095		
156F	.3058			262F	.3251			343F	.3040		
155F	.3085			255F	.3223			342F	.2916		
154F	.2920			254F	.3044			341F	.2240		
153F	.2588			253F	.2602			340F	.1192		
139F	.2312			252F	.1926			339F	.0283		
138F	.1815			238F	.0310			338F	-.1262		
137F	.0421			237F	-.0820			337F	-.1758		
136F	-.1747			236F	-.1689			336F	-.1579		
135F	-.2258			235F	-.1606			335F	-.1579		
133F	-.2065			234F	-.1606			334F	-.1703		
132F	-.1167			232F	-.1207			333F	-.1744		
131F	-.0518			231F	-.1069			332F	-.1772		
110F	.0328			210F	-.0512			310F	-.1587		
109F	.2217			208F	.5221			309F	.0976		
108F	.6241			201F	.7012			308F	.3967		
101F	.6503			202F	-.1518			301F	.7426		
102F	.1720			203F	-.6852			302F	.3760		
103F	-.6824			204F	-.6548			303F	-.4399		
104F	-.8602			205F	-.5515			304F	-.4619		
105F	-.8409			206F	-.4895			305F	-.4206		
106F	-.7265			221F	-.4322			319F	-.4591		
107F	-.6617			222F	-.3977			320F	-.3310		
121F	-.5454			223F	-.3798			321F	-.3261		
122F	-.4916			224F	-.3853			322F	-.3495		
123F	-.4198			225F	-.3936			323F	-.3247		
124F	-.4170			226F	-.3756			325F	-.3413		
125F	-.3122			227F	-.3660			326F	-.3288		
126F	-.3053			228F	-.3177			327F	-.2668		
127F	-.2335			229F	-.2349			328F	-.1744		
128F	-.1714			259F	-.1466			329F	-.0738		
129F	-.1052			260F	-.0500			330F	.0089		

TABLE 55 .- TABULATED PRESSURE DATA FOR RUN 8 AT ALPHA = 4.23 DEGREES AND QINF = 8.24 KN/SQM (172.00 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
165F	.2752			264F	-.0240			345F	.3009		
164F	.3169			263F	.3253			344F	.3232		
156F	.3309			262F	.3559			343F	.3176		
155F	.3309			255F	.3517			342F	.3065		
154F	.3183			254F	.3406			341F	.2328		
153F	.2919			253F	.2947			340F	.1396		
139F	.2696			252F	.2251			339F	.0840		
138F	.2237			238F	.0790			338F	-.0758		
137F	.1054			237F	-.0022			337F	-.0731		
136F	-.0755			236F	-.0300			336F	-.0313		
135F	-.0755			235F	-.0008			335F	.0298		
133F	.0359			234F	.0340			334F	.0479		
132F	.1750			232F	.2008			333F	.1452		
131F	.2808			231F	.2926			332F	.2161		
110F	.4113			210F	.4224			310F	.3405		
109F	.5919			208F	.7460			309F	.6349		
108F	.6988			201F	-.0082			308F	.7446		
101F	.1155			202F	-1.6263			301F	.1460		
102F	-.8554			203F	-1.9527			302F	-.7582		
103F	-1.7818			204F	-1.5068			303F	-1.6902		
104F	-1.7402			205F	-1.1304			304F	-1.2957		
105F	-1.5110			206F	-.9693			305F	-.9540		
106F	-1.2290			221F	-.7078			319F	-.8068		
107F	-1.0568			222F	-.6230			320F	-.5998		
121F	-.8372			223F	-.5701			321F	-.5138		
122F	-.6995			224F	-.5395			322F	-.5026		
123F	-.5632			225F	-.5089			323F	-.4457		
124F	-.5353			226F	-.4686			325F	-.4165		
125F	-.3851			227F	-.4143			326F	-.3789		
126F	-.3559			228F	-.3378			327F	-.2969		
127F	-.2738			229F	-.2238			328F	-.1718		
128F	-.1974			259F	-.1403			329F	-.0689		
129F	-.1125			260F	-.0499			330F	.0006		

TABLE 56.- TABULATED PRESSURE DATA FOR RUN 8 AT ALPHA = 6.41 DEGREES AND QINF = 8.33 KN/SQM (174.00 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
165F	.2941			264F	-.0804			345F	.2908		
164F	.3368			263F	.3340			344F	.3293		
156F	.3616			262F	.3712			343F	.3321		
155F	.3629			255F	.3753			342F	.3115		
154F	.3492			254F	.3712			341F	.2496		
153F	.3271			253F	.3285			340F	.1932		
139F	.3065			252F	.2624			339F	.1148		
138F	.2638			238F	.1385			338F	.0020		
137F	.1592			237F	.0653			337F	.0240		
136F	.0202			236F	.0777			336F	.1079		
135F	.0628			235F	.1189			335F	.1959		
133F	.2597			234F	.1863			334F	.2413		
132F	.4263			232F	.4627			333F	.4214		
131F	.5419			231F	.5782			332F	.5122		
110F	.6555			210F	.7022			310F	.6596		
109F	.7118			208F	.2295			309F	.7146		
108F	.3229			201F	-1.7108			308F	.4219		
101F	-1.0169			202F	-4.0441			301F	-1.4937		
102F	-2.4844			203F	-3.8091			302F	-2.8074		
103F	-3.2251			204F	-2.6040			303F	-3.5247		
104F	-2.8871			205F	-1.8991			304F	-2.1917		
105F	-2.2577			206F	-1.5514			305F	-1.6339		
106F	-1.8139			221F	-1.0211			319F	-1.1460		
107F	-1.5102			222F	-.8752			320F	-.8891		
121F	-1.1504			223F	-.7651			321F	-.7226		
122F	-.9041			224F	-.6963			322F	-.6607		
123F	-.6950			225F	-.6041			323F	-.5700		
124F	-.6372			226F	-.5285			325F	-.4806		
125F	-.4239			227F	-.4307			326F	-.4146		
126F	-.3798			228F	-.3248			327F	-.2922		
127F	-.2780			229F	-.1858			328F	-.1478		
128F	-.1954			259F	-.1129			329F	-.0626		
129F	-.1074			260F	-.0551			330F	-.0241		

TABLE 57 .- TABULATED PRESSURE DATA FOR RUN 8 AT ALPHA = 9.52 DEGREES AND QINF = 8.34 KN/SQM (174.20 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
165F	.2917			264F	-.1129			345F	.2927		
164F	.3357			263F	.3274			344F	.3256		
156F	.3550			262F	.3660			343F	.3256		
155F	.3605			255F	.3756			342F	.3050		
154F	.3550			254F	.3701			341F	.2418		
153F	.3316			253F	.3288			340F	.1910		
139F	.3082			252F	.2710			339F	.1126		
138F	.2710			238F	.1582			338F	.0165		
137F	.1816			237F	.0920			337F	.0467		
136F	.0467			236F	.1072			336F	.1333		
135F	.0949			235F	.1814			335F	.2322		
133F	.3137			234F	.2583			334F	.3050		
132F	.4788			232F	.5180			333F	.4768		
131F	.5930			231F	.6334			332F	.5661		
110F	.6818			210F	.7271			310F	.6969		
109F	.6860			208F	-.0512			309F	.6516		
108F	.1327			201F	-2.3795			308F	.2151		
101F	-1.4584			202F	-4.8739			301F	-2.0885		
102F	-3.0769			203F	-4.4524			302F	-3.5354		
103F	-3.7331			204F	-2.9479			303F	-4.1697		
104F	-3.2828			205F	-2.1201			304F	-2.5264		
105F	-2.5264			206F	-1.7343			305F	-1.8373		
106F	-1.9951			221F	-1.1168			319F	-1.2126		
107F	-1.6409			222F	-.9436			320F	-.9655		
121F	-1.2364			223F	-.8212			321F	-.7874		
122F	-.9683			224F	-.7497			322F	-.7036		
123F	-.7456			225F	-.6562			323F	-.6005		
124F	-.6851			226F	-.5683			325F	-.4878		
125F	-.4528			227F	-.4500			326F	-.4191		
126F	-.4019			228F	-.3359			327F	-.3065		
127F	-.2974			229F	-.1943			328F	-.1608		
128F	-.2026			259F	-.1201			329F	-.0825		
129F	-.1091			260F	-.0733			330F	-.0509		

TABLE 58 .- TABULATED PRESSURE DATA FOR RUN 8 AT ALPHA = 10.35 DEGREES AND QINF = 8.34 KN/SQM (174.10 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
165F	.2925			264F	-.1179			345F	.2896		
164F	.3407			263F	.3283			344F	.3226		
156F	.3627			262F	.3738			343F	.3212		
155F	.3669			255F	.3779			342F	.3074		
154F	.3586			254F	.3751			341F	.2318		
153F	.3352			253F	.3366			340F	.1933		
139F	.3159			252F	.2787			339F	.1232		
138F	.2801			238F	.1617			338F	.0256		
137F	.1920			237F	.1163			337F	.0600		
136F	.0667			236F	.1315			336F	.1493		
135F	.1176			235F	.2112			335F	.2538		
133F	.3490			234F	.2937			334F	.3363		
132F	.5142			232F	.5659			333F	.5068		
131F	.6285			231F	.6662			332F	.5947		
110F	.7022			210F	.7406			310F	.7228		
109F	.6500			208F	-.2842			309F	.5923		
108F	-.0232			201F	-2.8326			308F	.0387		
101F	-1.7569			202F	-5.4786			301F	-2.5661		
102F	-3.5016			203F	-4.9286			302F	-4.0388		
103F	-4.0580			204F	-3.2269			303F	-4.6020		
104F	-3.5346			205F	-2.2995			304F	-2.7309		
105F	-2.6938			206F	-1.8379			305F	-1.9794		
106F	-2.1278			221F	-1.2003			319F	-1.2967		
107F	-1.7514			222F	-.9954			320F	-1.0315		
121F	-1.2980			223F	-.8537			321F	-.8309		
122F	-1.0064			224F	-.7671			322F	-.7333		
123F	-.7685			225F	-.6557			323F	-.6343		
124F	-.6928			226F	-.5608			325F	-.4899		
125F	-.4590			227F	-.4342			326F	-.4116		
126F	-.3971			228F	-.3146			327F	-.2851		
127F	-.2884			229F	-.1770			328F	-.1435		
128F	-.1977			259F	-.1138			329F	-.0789		
129F	-.1083			260F	-.0821			330F	-.0541		

TABLE 57 .- TABULATED PRESSURE DATA FOR RUN 8 AT ALPHA = 11.61 DEGREES AND QINF = 8.37 KN/SQM (174.90 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
165F	.2949			264F	-.1462			345F	.2768		
164F	.3428			263F	.3223			344F	.3151		
156F	.3634			262F	.3689			343F	.3192		
155F	.3716			255F	.3812			342F	.3014		
154F	.3634			254F	.3771			341F	.2289		
153F	.3442			253F	.3415			340F	.1988		
139F	.3223			252F	.2812			339F	.1304		
138F	.2894			238F	.1798			338F	.0401		
137F	.2004			237F	.1372			337F	.0839		
136F	.0922			236F	.1605			336F	.1824		
135F	.1497			235F	.2480			335F	.2945		
133F	.4004			234F	.3328			334F	.3821		
132F	.5634			232F	.6133			333F	.5572		
131F	.6620			231F	.7008			332F	.6365		
110F	.7091			210F	.7433			310F	.7379		
109F	.5929			208F	-.6937			309F	.4740		
108F	-.2876			201F	-3.6183			308F	-.2753		
101F	-2.2934			202F	-6.4574			301F	-3.3093		
102F	-4.1926			203F	-5.5848			302F	-4.8910		
103F	-4.6055			204F	-3.5855			303F	-5.3043		
104F	-3.9177			205F	-2.5340			304F	-3.0687		
105F	-2.9524			206F	-2.0309			305F	-2.1799		
106F	-2.3085			221F	-1.2761			319F	-1.3705		
107F	-1.8846			222F	-1.0639			320F	-1.0902		
121F	-1.3952			223F	-.9120			321F	-.8874		
122F	-1.0694			224F	-.8052			322F	-.7779		
123F	-.8052			225F	-.6847			323F	-.6562		
124F	-.7299			226F	-.5629			325F	-.4893		
125F	-.4657			227F	-.4233			326F	-.3976		
126F	-.4000			228F	-.2973			327F	-.2759		
127F	-.2850			229F	-.1645			328F	-.1405		
128F	-.1905			259F	-.1262			329F	-.0926		
129F	-.1016			260F	-.0975			330F	-.0775		

TABLE 60 .- TABULATED PRESSURE DATA FOR RUN 8 AT ALPHA = 12.56 DEGREES AND QINF = 8.36 KN/SQM (174.70 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
165F	.2911			264F	-.1768			345F	.2700		
164F	.3391			263F	.3158			344F	.3166		
156F	.3610			262F	.3638			343F	.3179		
155F	.3679			255F	.3775			342F	.3029		
154F	.3679			254F	.3734			341F	.2247		
153F	.3459			253F	.3404			340F	.1987		
139F	.3295			252F	.2842			339F	.1370		
138F	.2924			238F	.1868			338F	.0507		
137F	.2142			237F	.1535			337F	.1000		
136F	.1127			236F	.1836			336F	.2069		
135F	.1813			235F	.2686			335F	.3234		
133F	.4365			234F	.3714			334F	.4152		
132F	.5901			232F	.6441			333F	.5920		
131F	.6793			231F	.7222			332F	.6660		
110F	.7059			210F	.7333			310F	.7429		
109F	.5265			208F	-1.0482			309F	.3595		
108F	-.5100			201F	-4.2744			308F	-.5498		
101F	-2.7106			202F	-7.2069			301F	-3.9361		
102F	-4.7495			203F	-6.0208			302F	-5.5580		
103F	-5.0708			204F	-3.8690			303F	-5.9054		
104F	-4.2059			205F	-2.7078			304F	-3.3186		
105F	-3.1625			206F	-2.1697			305F	-2.3586		
106F	-2.4490			221F	-1.3399			319F	-1.4234		
107F	-1.9834			222F	-1.1040			320F	-1.1440		
121F	-1.4646			223F	-.9464			321F	-.9222		
122F	-1.1068			224F	-.8271			322F	-.7920		
123F	-.8340			225F	-.6887			323F	-.6659		
124F	-.7421			226F	-.5653			325F	-.4782		
125F	-.4748			227F	-.4104			326F	-.3796		
126F	-.3898			228F	-.2815			327F	-.2576		
127F	-.2705			229F	-.1677			328F	-.1466		
128F	-.1814			259F	-.1348			329F	-.1137		
129F	-.1005			260F	-.1197			330F	-.0973		

RUN NUMBER 8 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

				UNCORRECTED				CORRECTED FOR STRUT INTERFERENCE				
MACH	Q,PSF	R	ALPHA,DEG	CL	CD	CM	L/D	CL	CD	CM	L/D	ISUBT
.200	172.10	2.79	-5.91	-.2310	.0335	-.1081	-6.90	-.3551	.0291	-.1631	-12.20	OFF
.200	172.10	2.78	-4.21	-.0590	.0277	-.1145	-2.13	-.1841	.0234	-.1695	-7.87	OFF
.201	174.10	2.79	-2.13	.1420	.0241	-.1133	5.89	.0162	.0201	-.1683	.80	OFF
.201	173.30	2.78	.40	.3880	.0253	-.0977	15.34	.2618	.0216	-.1524	12.11	OFF
.199	171.60	2.76	2.22	.5500	.0293	-.0816	18.77	.4267	.0269	-.1294	15.86	OFF
.200	172.00	2.76	4.23	.7350	.0353	-.0629	20.82	.6186	.0357	-.1192	17.31	OFF
.199	171.20	2.75	6.29	.9190	.0459	-.0385	20.02	.8116	.0482	-.0991	16.84	OFF
.201	174.00	2.77	8.41	1.0980	.0579	-.0028	18.96	1.0013	.0623	-.0689	16.06	OFF
.201	174.20	2.77	9.52	1.2000	.0666	.0137	18.02	1.1180	.0731	-.0573	15.29	OFF
.201	174.10	2.77	10.35	1.2650	.0726	.0276	17.42	1.2077	.0781	-.0359	15.47	OFF
.201	174.90	2.77	11.61	1.3620	.0832	.0510	16.37	1.3461	.0862	.0248	15.62	OFF
.201	174.70	2.77	12.56	1.4350	.0924	.0701	15.53	1.4289	.0941	.0658	15.18	OFF
.201	174.60	2.76	14.55	1.5610	.1115	.1185	14.00	1.5432	.1117	.0969	13.82	OFF
.200	173.50	2.77	16.33	1.2420	.2867	.1612	4.33	1.2169	.2867	.1182	4.24	OFF
.201	174.60	2.78	18.44	1.2650	.3385	.1894	3.74	1.2400	.3385	.1424	3.66	OFF
.200	173.00	2.75	.40	.3870	.0248	-.1010	15.60	.2608	.0211	-.1557	12.35	OFF

CRUISE WING CONFIGURATION, ASPECT RATIO 10

Table 61 . Tabulated longitidinal data for run 8.

TABLE 62 .- TABULATED PRESSURE DATA FOR RUN 7 AT ALPHA = -4.22 DEGREES AND QINF = 12.69 KN/SQM (265.00 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
165F	.2537			264F	.0838			345F	.2607		
164F	.2817			263F	.2510			344F	.2562		
156F	.2898			262F	.2492			343F	.2489		
155F	.2826			255F	.2338			342F	.2318		
154F	.2618			254F	.2193			341F	.1812		
153F	.2311			253F	.1868			340F	.0918		
139F	.1967			252F	.1353			339F	-.0210		
138F	.1398			238F	-.0355			338F	-.1871		
137F	-.0192			237F	-.2052			337F	-.2964		
136F	-.2813			236F	-.3189			336F	-.3189		
135F	-.3771			235F	-.3605			335F	-.4228		
133F	-.5235			234F	-.4399			334F	-.4905		
132F	-.5659			232F	-.6467			333F	-.6701		
131F	-.6021			231F	-.7676			332F	-.8227		
110F	-.6520			210F	-.9496			310F	-1.0993		
109F	-.6114			208F	-.9126			309F	-1.2968		
108F	-.0460			201F	.4960			308F	-1.0813		
101F	.6385			202F	.7286			301F	.4040		
102F	.7187			203F	.3770			302F	.7647		
103F	.2408			204F	.1984			303F	.5032		
104F	-.0225			205F	.0839			304F	.3174		
105F	-.1740			206F	.0307			305F	.1560		
106F	-.1840			221F	-.0847			319F	-.1091		
107F	-.2047			222F	-.1154			320F	-.0379		
121F	-.2256			223F	-.1389			321F	-.0734		
122F	-.2455			224F	-.1786			322F	-.1330		
123F	-.2527			225F	-.2166			323F	-.1402		
124F	-.2527			226F	-.2184			325F	-.2106		
125F	-.2437			227F	-.2518			326F	-.2341		
126F	-.2166			228F	-.2391			327F	-.1898		
127F	-.1795			229F	-.1913			328F	-.1257		
128F	-.1253			259F	-.1371			329F	-.0481		
129F	-.0730			260F	-.0477			330F	.0350		

TABLE 63 .- TABULATED PRESSURE DATA FOR RUN 7 AT ALPHA = .30 DEGREES AND QINF = 12.59 KN/SQM (263.00 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
165F	.2759			264F	.0136			345F	.3032		
164F	.3050			263F	.3114			344F	.3223		
156F	.3159			262F	.3269			343F	.3160		
155F	.3141			255F	.3287			342F	.2887		
154F	.2941			254F	.3150			341F	.2196		
153F	.2658			253F	.2658			340F	.1168		
139F	.2385			252F	.1957			339F	.0286		
138F	.1903			238F	.0190			338F	-.1324		
137F	.0536			237F	-.1015			337F	-.1797		
136F	-.1668			236F	-.1652			336F	-.1552		
135F	-.2132			235F	-.1561			335F	-.1497		
133F	-.1904			234F	-.1661			334F	-.1679		
132F	-.1112			232F	-.1297			333F	-.1770		
131F	-.0447			231F	-.1042			332F	-.1834		
110F	.0301			210F	-.0571			310F	-.1653		
109F	.2156			208F	.5082			309F	.0874		
108F	.6255			201F	.7136			308F	.3801		
101F	.6555			202F	-.1062			301F	.7509		
102F	.1819			203F	-.6334			302F	.4028		
103F	-.6779			204F	-.6025			303F	-.3989		
104F	-.8333			205F	-.5098			304F	-.4025		
105F	-.8397			206F	-.4634			305F	-.3825		
106F	-.7234			221F	-.4075			319F	-.4716		
107F	-.6488			222F	-.3729			320F	-.3243		
121F	-.5540			223F	-.3592			321F	-.3025		
122F	-.4803			224F	-.3720			322F	-.3316		
123F	-.4148			225F	-.3756			323F	-.3080		
124F	-.4102			226F	-.3601			325F	-.3289		
125F	-.3092			227F	-.3474			326F	-.3216		
126F	-.2991			228F	-.3046			327F	-.2552		
127F	-.2336			229F	-.2309			328F	-.1624		
128F	-.1753			259F	-.1626			329F	-.0679		
129F	-.1080			260F	-.0625			330F	.0140		

TABLE 64 .- TABULATED PRESSURE DATA FOR RUN 7 AT ALPHA = 4.43 DEGREES AND QINF = 12.59 KN/SQM (262.90 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
165F	.2928			264F	-.0261			345F	.3137		
164F	.3293			263F	.3311			344F	.3364		
156F	.3457			262F	.3594			343F	.3346		
155F	.3439			255F	.3621			342F	.3073		
154F	.3320			254F	.3512			341F	.2318		
153F	.3056			253F	.3074			340F	.1435		
139F	.2801			252F	.2391			339F	.0761		
138F	.2345			238F	.0869			338F	-.0558		
137F	.1161			237F	-.0031			337F	-.0604		
136F	-.0616			236F	-.0313			336F	-.0267		
135F	-.0589			235F	.0124			335F	.0543		
133F	.0596			234F	.0488			334F	.0616		
132F	.1981			232F	.2372			333F	.1653		
131F	.3083			231F	.3237			332F	.2363		
110F	.4432			210F	.4504			310F	.3731		
109F	.6242			208F	.7416			309F	.6606		
108F	.6961			201F	-.0681			308F	.7434		
101F	.0775			202F	-1.7375			301F	.0784		
102F	-.9287			203F	-2.0059			302F	-.8368		
103F	-1.8194			204F	-1.5428			303F	-1.7229		
104F	-1.7839			205F	-1.1707			304F	-1.2772		
105F	-1.5373			206F	-.9969			305F	-.9615		
106F	-1.2453			221F	-.7187			319F	-.8114		
107F	-1.0661			222F	-.6303			320F	-.6021		
121F	-.8508			223F	-.5812			321F	-.5155		
122F	-.6941			224F	-.5502			322F	-.4964		
123F	-.5620			225F	-.5110			323F	-.4427		
124F	-.5311			226F	-.4682			325F	-.4236		
125F	-.3680			227F	-.4163			326F	-.3826		
126F	-.3498			228F	-.3471			327F	-.2934		
127F	-.2688			229F	-.2314			328F	-.1696		
128F	-.1923			259F	-.1476			329F	-.0704		
129F	-.1085			260F	-.0557			330F	.0006		

TABLE 65 .- TABULATED PRESSURE DATA FOR RUN 7 AT ALPHA = 8.58 DEGREES AND QINF = 12.67 KN/SQM (264.60 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
165F	.3035			264F	-.0724			345F	.3081		
164F	.3451			263F	.3406			344F	.3370		
156F	.3615			262F	.3796			343F	.3343		
155F	.3651			255F	.3841			342F	.3171		
154F	.3551			254F	.3796			341F	.2402		
153F	.3334			253F	.3343			340F	.1615		
139F	.3134			252F	.2781			339F	.1154		
138F	.2745			238F	.1459			338F	.0095		
137F	.1776			237F	.0955			337F	.0367		
136F	.0390			236F	.1000			336F	.1199		
135F	.0798			235F	.1724			335F	.2095		
133F	.2836			234F	.2348			334F	.2619		
132F	.4493			232F	.4935			333F	.4284		
131F	.5616			231F	.5930			332F	.5306		
110F	.6682			210F	.7062			310F	.6709		
109F	.7098			208F	.1764			309F	.7062		
108F	.2822			201F	-1.8345			308F	.3834		
101F	-1.1157			202F	-4.2070			301F	-1.6094		
102F	-2.6582			203F	-3.8907			302F	-2.9366		
103F	-3.3647			204F	-2.6763			303F	-3.6022		
104F	-2.9620			205F	-1.9529			304F	-2.2522		
105F	-2.3607			206F	-1.5895			305F	-1.6726		
106F	-1.8652			221F	-1.0366			319F	-1.1717		
107F	-1.5352			222F	-.8836			320F	-.9041		
121F	-1.1778			223F	-.7795			321F	-.7313		
122F	-.9198			224F	-.7089			322F	-.6652		
123F	-.7252			225F	-.6266			323F	-.5775		
124F	-.6601			226F	-.5460			325F	-.4934		
125F	-.4356			227F	-.4555			326F	-.4264		
126F	-.4030			228F	-.3487			327F	-.3089		
127F	-.3007			229F	-.2002			328F	-.1605		
128F	-.2102			259F	-.1260			329F	-.0682		
129F	-.1124			260F	-.0581			330F	-.0185		

TABLE 66.- TABULATED PRESSURE DATA FOR RUN 7 AT ALPHA = 9.45 DEGREES AND QINF = 12.57 KN/SQM (262.50 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
165F	.3045			264F	-.0897			345F	.3061		
164F	.3520			263F	.3428			344F	.3361		
156F	.3647			262F	.3803			343F	.3371		
155F	.3666			255F	.3885			342F	.3197		
154F	.3620			254F	.3848			341F	.2450		
153F	.3392			253F	.3447			340F	.1693		
139F	.3209			252F	.2808			339F	.1247		
138F	.2854			238F	.1640			338F	.0271		
137F	.1914			237F	.1101			337F	.0563		
136F	.0591			236F	.1201			336F	.1429		
135F	.1020			235F	.1948			335F	.2404		
133F	.3246			234F	.2742			334F	.3015		
132F	.4888			232F	.5331			333F	.4765		
131F	.6011			231F	.6415			332F	.5759		
110F	.6929			210F	.7311			310F	.7038		
109F	.6892			208F	-.0394			309F	.6546		
108F	.1346			201F	-2.3301			308F	.2165		
101F	-1.4275			202F	-4.8439			301F	-2.0823		
102F	-3.0901			203F	-4.3701			302F	-3.4755		
103F	-3.7292			204F	-2.9667			303F	-4.0496		
104F	-3.2228			205F	-2.1324			304F	-2.4976		
105F	-2.5423			206F	-1.7389			305F	-1.8227		
106F	-2.0013			221F	-1.1193			319F	-1.2262		
107F	-1.6479			222F	-.9433			320F	-.9593		
121F	-1.2278			223F	-.8257			321F	-.7833		
122F	-.9624			224F	-.7500			322F	-.7040		
123F	-.7518			225F	-.6515			323F	-.6092		
124F	-.6789			226F	-.5594			325F	-.5044		
125F	-.4381			227F	-.4518			326F	-.4342		
126F	-.4035			228F	-.3433			327F	-.3111		
127F	-.3014			229F	-.1974			328F	-.1570		
128F	-.2075			259F	-.1153			329F	-.0650		
129F	-.1117			260F	-.0561			330F	-.0230		

TABLE 67 .- TABULATED PRESSURE DATA FOR RUN 7 AT ALPHA = 10.45 DEGREES AND QINF = 12.56 KN/SQM (262.40 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
165F	.3131			264F	-.1142			345F	.3001		
164F	.3542			263F	.3314			344F	.3384		
156F	.3743			262F	.3752			343F	.3430		
155F	.3798			255F	.3871			342F	.3220		
154F	.3707			254F	.3789			341F	.2554		
153F	.3497			253F	.3414			340F	.1751		
139F	.3268			252F	.2784			339F	.1395		
138F	.2921			238F	.1698			338F	.0446		
137F	.2081			237F	.1249			337F	.0848		
136F	.0858			236F	.1395			336F	.1760		
135F	.1351			235F	.2170			335F	.2846		
133F	.3661			234F	.3046			334F	.3548		
132F	.5341			232F	.5756			333F	.5254		
131F	.6346			231F	.6769			332F	.6176		
110F	.7055			210F	.7410			310F	.7219		
109F	.6490			208F	-.3616			309F	.5651		
108F	-.0700			201F	-2.9661			308F	-.0299		
101F	-1.8352			202F	-5.6481			301F	-2.7528		
102F	-3.6270			203F	-4.9085			302F	-4.2167		
103F	-4.1354			204F	-3.2946			303F	-4.6818		
104F	-3.4987			205F	-2.3546			304F	-2.8257		
105F	-2.7355			206F	-1.9154			305F	-2.0493		
106F	-2.1477			221F	-1.2085			319F	-1.3221		
107F	-1.7504			222F	-1.0077			320F	-1.0515		
121F	-1.3207			223F	-.8845			321F	-.8385		
122F	-1.0059			224F	-.7997			322F	-.7482		
123F	-.7869			225F	-.6911			323F	-.6423		
124F	-.6975			226F	-.5943			325F	-.5246		
125F	-.4401			227F	-.4766			326F	-.4471		
126F	-.3982			228F	-.3525			327F	-.3212		
127F	-.2887			229F	-.1992			328F	-.1643		
128F	-.2001			259F	-.1208			329F	-.0849		
129F	-.1043			260F	-.0697			330F	-.0439		

TABLE 68 .- TABULATED PRESSURE DATA FOR RUN 7 AT ALPHA = 11.60 DEGREES AND QINF = 12.66 KN/SQM (264.40 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
165F	.3136			264F	-.1225			345F	.3006		
164F	.3589			263F	.3408			344F	.3378		
156F	.3753			262F	.3861			343F	.3432		
155F	.3861			255F	.3952			342F	.3251		
154F	.3771			254F	.3916			341F	.2517		
153F	.3607			253F	.3535			340F	.1847		
139F	.3399			252F	.2973			339F	.1503		
138F	.3036			238F	.1912			338F	.0624		
137F	.2202			237F	.1593			337F	.1095		
136F	.1123			236F	.1793			336F	.2055		
135F	.1713			235F	.2644			335F	.3197		
133F	.4170			234F	.3595			334F	.3994		
132F	.5765			232F	.6240			333F	.5688		
131F	.6699			231F	.7083			332F	.6566		
110F	.7131			210F	.7457			310F	.7403		
109F	.5865			208F	-.7436			309F	.4525		
108F	-.3084			201F	-3.7150			308F	-.3265		
101F	-2.3180			202F	-6.5449			301F	-3.4262		
102F	-4.2691			203F	-5.3658			302F	-4.9650		
103F	-4.6502			204F	-3.6298			303F	-5.2412		
104F	-3.8602			205F	-2.5577			304F	-3.1267		
105F	-2.9911			206F	-2.0465			305F	-2.2184		
106F	-2.3352			221F	-1.2782			319F	-1.3878		
107F	-1.8954			222F	-1.0599			320F	-1.1019		
121F	-1.3960			223F	-.9104			321F	-.8878		
122F	-1.0572			224F	-.8054			322F	-.7755		
123F	-.8162			225F	-.6840			323F	-.6613		
124F	-.7247			226F	-.5780			325F	-.5119		
125F	-.4530			227F	-.4467			326F	-.4240		
126F	-.4041			228F	-.3198			327F	-.2909		
127F	-.2899			229F	-.1758			328F	-.1396		
128F	-.1948			259F	-.1079			329F	-.0744		
129F	-.1024			260F	-.0707			330F	-.0418		

TABLE 69 .- TABULATED PRESSURE DATA FOR RUN 7 AT ALPHA = 12.55 DEGREES AND QINF = 12.65 KN/SQM (264.20 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
165F	.3137			264F	-.1366			345F	.2954		
164F	.3618			263F	.3400			344F	.3308		
156F	.3817			262F	.3881			343F	.3371		
155F	.3854			255F	.3999			342F	.3208		
154F	.3808			254F	.3945			341F	.2528		
153F	.3654			253F	.3609			340F	.1866		
139F	.3472			252F	.3037			339F	.1567		
138F	.3127			238F	.2074			338F	.0760		
137F	.2365			237F	.1748			337F	.1295		
136F	.1321			236F	.1848			336F	.2301		
135F	.1993			235F	.2863			335F	.3471		
133F	.4526			234F	.3861			334F	.4314		
132F	.6087			232F	.6373			333F	.6019		
131F	.6895			231F	.7225			332F	.6781		
110F	.7109			210F	.7363			310F	.7399		
109F	.5143			208F	-1.0779			309F	.3303		
108F	-.5424			201F	-4.3545			308F	-.6049		
101F	-2.7490			202F	-7.2876			301F	-4.0617		
102F	-4.8170			203F	-5.7618			302F	-5.6334		
103F	-5.0712			204F	-3.9216			303F	-5.6334		
104F	-4.1659			205F	-2.7308			304F	-3.3837		
105F	-3.1906			206F	-2.1781			305F	-2.3693		
106F	-2.4717			221F	-1.3410			319F	-1.4522		
107F	-1.9968			222F	-1.1088			320F	-1.1722		
121F	-1.4580			223F	-.9465			321F	-.9261		
122F	-1.1061			224F	-.8331			322F	-.8019		
123F	-.8540			225F	-.7070			323F	-.6767		
124F	-.7460			226F	-.5800			325F	-.5117		
125F	-.4648			227F	-.4404			326F	-.4192		
126F	-.4014			228F	-.3079			327F	-.2877		
127F	-.2853			229F	-.1628			328F	-.1381		
128F	-.1900			259F	-.1129			329F	-.0791		
129F	-.0939			260F	-.0803			330F	-.0664		

RUN NUMBER 7 LONGITUDINAL STAPILITY-AXIS DATA TEST NUMBER 496

				UNCORRECTED				CORRECTED FOR STRUT INTERFERENCE				
MACH	Q,PSF	R	ALPHA,DEG	CL	CD	CM	L/D	CL	CD	CM	L/D	ISUBT
.201	266.50	4.22	-5.91	-.2160	.0315	-.1112	-6.86	-.3401	.0271	-.1662	-12.54	OFF
.201	265.00	4.20	-4.22	-.0520	.0249	-.1149	-2.09	-.1771	.0206	-.1699	-8.60	OFF
.201	264.80	4.20	-1.96	.1740	.0227	-.1119	7.67	.0480	.0187	-.1669	2.56	OFF
.200	263.00	4.18	.30	.3680	.0240	-.0970	16.17	.2616	.0203	-.1518	12.90	OFF
.200	263.30	4.18	2.30	.5710	.0281	-.0802	20.32	.4480	.0258	-.1280	17.39	OFF
.200	262.90	4.18	4.43	.7660	.0361	-.0601	21.22	.6501	.0369	-.1175	17.60	OFF
.200	263.90	4.18	6.45	.9480	.0462	-.0375	20.52	.8415	.0484	-.0978	17.38	OFF
.201	264.60	4.18	8.58	1.1350	.0598	-.0079	18.98	1.0400	.0648	-.0748	16.05	OFF
.200	262.50	4.17	9.45	1.2100	.0659	.0040	18.36	1.1267	.0724	-.0669	15.56	OFF
.200	262.40	4.16	10.45	1.2980	.0735	.0196	17.66	1.2447	.0788	-.0417	15.80	OFF
.201	264.40	4.18	11.60	1.3900	.0833	.0375	16.69	1.3739	.0863	.0110	15.92	OFF
.201	264.20	4.17	12.55	1.4610	.0922	.0543	15.85	1.4548	.0939	.0499	15.49	OFF
.201	263.90	4.17	14.57	1.6160	.1122	.0951	14.40	1.5979	.1124	.0730	14.22	OFF
.200	263.40	4.15	16.63	1.7480	.1228	.1484	14.23	1.7229	.1228	.1049	14.03	OFF
.200	262.80	4.17	18.55	1.3380	.3110	.2256	4.30	1.3130	.3110	.1787	4.22	OFF
.200	263.10	4.18	18.59	1.3600	.3114	.2301	4.37	1.3350	.3114	.1833	4.29	OFF
.200	261.10	4.15	.49	.4010	.0245	-.0955	16.37	.2750	.0208	-.1500	13.19	OFF

CRUISE WING CONFIGURATION, ASPECT RATIO 10

Table 70 . Tabulated longitidinal data for run 7.

TABLE 71 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = -4.02 DEGREES AND QINF = 2.78 KN/SQM (58.00 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
165F	.1992			264F	.0142			345F	.1913		
164F	.2213			263F	.1552			344F	.1869		
156F	.2257			262F	.1640			343F	.1692		
155F	.2301			255F	.1552			342F	.1516		
154F	.1992			254F	.1508			341F	.0900		
153F	.1596			253F	.1111			340F	.0636		
139F	.1287			252F	.0670			339F	-.0156		
138F	.0670			238F	-.0784			338F	-.2577		
137F	-.0960			237F	-.2357			337F	-.3810		
136F	-.3824			236F	-.3766			336F	-.3942		
135F	-.4838			235F	-.4338			335F	-.4734		
133F	-.6776			234F	-.4998			334F	-.5659		
132F	-.7173			232F	-.7728			333F	-.7728		
131F	-.7702			231F	-.8960			332F	-.9577		
110F	-.8110			210F	-1.0661			310F	-1.1981		
109F	-.7406			208F	-.9825			309F	-1.3872		
108F	-.1292			201F	.4646			308F	-1.1409		
101F	.6141			202F	.6801			301F	.3942		
102F	.6977			203F	.2842			302F	.7461		
103F	.1743			204F	.0907			303F	.4382		
104F	-.1248			205F	-.0281			304F	.2227		
105F	-.2700			206F	-.0852			305F	.0643		
106F	-.3052			221F	-.1908			319F	-.0149		
107F	-.3404			222F	-.2172			320F	-.1116		
121F	-.3272			223F	-.2480			321F	-.2049		
122F	-.3492			224F	-.2700			322F	-.2445		
123F	-.3623			225F	-.3184			323F	-.2709		
124F	-.3579			226F	-.3272			325F	-.3414		
125F	-.3535			227F	-.3623			326F	-.3458		
126F	-.3140			228F	-.3360			327F	-.2886		
127F	-.2700			229F	-.2700			328F	-.2798		
128F	-.2128			259F	-.1952			329F	-.1389		
129F	-.1556			260F	-.1072			330F	-.0553		

TABLE 72 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = .13 DEGREES AND QINF = 2.77 KN/SQM (57.90 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
165F	.2836			264F	.0360			345F	.3179		
164F	.3166			263F	.3455			344F	.3508		
156F	.3373			262F	.3786			343F	.3426		
155F	.3332			255F	.3744			342F	.3096		
154F	.3125			254F	.3620			341F	.2355		
153F	.2919			253F	.3043			340F	.1448		
139F	.2589			252F	.2217			339F	.0624		
138F	.2052			238F	.0071			338F	-.1106		
137F	.0690			237F	-.0859			337F	-.1683		
136F	-.1745			236F	-.1477			336F	-.1518		
135F	-.2157			235F	-.1641			335F	-.1271		
133F	-.2157			234F	-.1641			334F	-.1559		
132F	-.1373			232F	-.1518			333F	-.1641		
131F	-.0672			231F	-.1559			332F	-.1806		
110F	.0012			210F	-.0977			310F	-.1924		
109F	.2112			208F	.4747			309F	.0629		
108F	.6229			201F	.7300			308F	.3800		
101F	.6682			202F	-.0359			301F	.7465		
102F	.2194			203F	-.5712			302F	.3923		
103F	-.6371			204F	-.5753			303F	-.4024		
104F	-.8389			205F	-.5218			304F	-.4353		
105F	-.8018			206F	-.4641			305F	-.4065		
106F	-.7194			221F	-.4207			319F	-.3324		
107F	-.6536			222F	-.3959			320F	-.3571		
121F	-.5567			223F	-.3712			321F	-.3042		
122F	-.4701			224F	-.3794			322F	-.3454		
123F	-.4000			225F	-.3835			323F	-.3331		
124F	-.4000			226F	-.3671			325F	-.3495		
125F	-.3258			227F	-.3629			326F	-.3413		
126F	-.2928			228F	-.3258			327F	-.2630		
127F	-.2310			229F	-.2392			328F	-.1930		
128F	-.1692			259F	-.1650			329F	-.0859		
129F	-.0949			260F	-.0743			330F	-.0158		

TABLE 73 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 8.45 DEGREES AND QINF = 2.76 KN/SQM (57.70 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
165F	.2868			264F	-.0873			345F	.3164		
164F	.3325			263F	.3366			344F	.3372		
156F	.3450			262F	.3865			343F	.3330		
155F	.3491			255F	.3948			342F	.3081		
154F	.3450			254F	.3865			341F	.2458		
153F	.3242			253F	.3450			340F	.1627		
139F	.3034			252F	.2577			339F	.0838		
138F	.2535			238F	.1579			338F	.0257		
137F	.1621			237F	.0174			337F	.0174		
136F	.0166			236F	.0132			336F	.0548		
135F	.0457			235F	.0755			335F	.1503		
133F	.2577			234F	.2084			334F	.2209		
132F	.4198			232F	.4742			333F	.3828		
131F	.5444			231F	.5863			332F	.4368		
110F	.6945			210F	.7028			310F	.6572		
109F	.7070			208F	.3335			309F	.7236		
108F	.2920			201F	-1.5131			308F	.4705		
101F	-1.1106			202F	-3.7830			301F	-1.3679		
102F	-2.5879			203F	-3.5132			302F	-2.6460		
103F	-3.3556			204F	-2.4177			303F	-3.1854		
104F	-3.0692			205F	-1.8202			304F	-2.4053		
105F	-2.2974			206F	-1.5006			305F	-1.5338		
106F	-1.8326			221F	-.9919			319F	-1.0317		
107F	-1.5338			222F	-.8427			320F	-.8159		
121F	-1.1411			223F	-.7432			321F	-.7218		
122F	-.9048			224F	-.6727			322F	-.6471		
123F	-.6603			225F	-.5857			323F	-.5682		
124F	-.6396			226F	-.4987			325F	-.4519		
125F	-.4572			227F	-.3992			326F	-.3771		
126F	-.3743			228F	-.2873			327F	-.2816		
127F	-.2790			229F	-.1547			328F	-.1653		
128F	-.1961			259F	-.0967			329F	-.0781		
129F	-.1049			260F	-.0635			330F	-.0740		

TABLE 74 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 9.34 DEGREES AND QINF = 2.77 KN/SQM (57.80 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
165F	.2885			264F	-.1178			345F	.2815		
164F	.3300			263F	.3341			344F	.3312		
156F	.3548			262F	.3714			343F	.3312		
155F	.3631			255F	.3839			342F	.3105		
154F	.3548			254F	.3797			341F	.2484		
153F	.3341			253F	.3424			340F	.1739		
139F	.3051			252F	.2470			339F	.0911		
138F	.2636			238F	.1393			338F	.0415		
137F	.1683			237F	.0787			337F	.0332		
136F	.0397			236F	.0828			336F	.0373		
135F	.0812			235F	.1532			335F	.2070		
133F	.3051			234F	.2401			334F	.2856		
132F	.4709			232F	.5133			333F	.4512		
131F	.5787			231F	.6168			332F	.4685		
110F	.6542			210F	.7245			310F	.6542		
109F	.6956			208F	.1454			309F	.6501		
108F	.1412			201F	-1.9520			308F	.2984		
101F	-1.4225			202F	-4.3182			301F	-1.7948		
102F	-2.9862			203F	-3.9211			302F	-3.1103		
103F	-3.6770			204F	-2.5187			303F	-3.6439		
104F	-3.3295			205F	-1.9727			304F	-2.5642		
105F	-2.4153			206F	-1.6210			305F	-1.7203		
106F	-1.9602			221F	-1.0626			319F	-1.1619		
107F	-1.6128			222F	-.9051			320F	-.9343		
121F	-1.2409			223F	-.7890			321F	-.7449		
122F	-.9383			224F	-.7061			322F	-.6580		
123F	-.6771			225F	-.6149			323F	-.5670		
124F	-.6522			226F	-.5237			325F	-.4262		
125F	-.4533			227F	-.4160			326F	-.3517		
126F	-.3662			228F	-.3041			327F	-.2483		
127F	-.2668			229F	-.1839			328F	-.1324		
128F	-.1839			259F	-.1300			329F	-.0951		
129F	-.1092			260F	-.1217			330F	-.0827		

TABLE 75 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 10.33 DEGREES AND QINF = 2.76 KN/SQM (57.60 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
165F	.2832			264F	-.1446			345F	.1887		
164F	.3288			263F	.3247			344F	.2633		
156F	.3455			262F	.3787			343F	.2716		
155F	.3579			255F	.3828			342F	.2509		
154F	.3496			254F	.3787			341F	.1887		
153F	.3288			253F	.3371			340F	.0974		
139F	.3247			252F	.2416			339F	.0145		
138F	.2832			238F	.1503			338F	-.0394		
137F	.1918			237F	.0891			337F	-.0394		
136F	.0714			236F	.1016			336F	-.0311		
135F	.1212			235F	.1762			335F	.1431		
133F	.3496			234F	.2675			334F	.2136		
132F	.5116			232F	.5288			333F	.3587		
131F	.6279			231F	.6491			332F	.3878		
110F	.6949			210F	.7612			310F	.5954		
109F	.6575			208F	-.0596			309F	.7114		
108F	-.0348			201F	-2.4060			308F	.6368		
101F	-1.8091			202F	-4.9017			301F	-.2420		
102F	-3.4963			203F	-4.4208			302F	-.8307		
103F	-4.0643			204F	-2.7625			303F	-.8307		
104F	-3.6870			205F	-2.1158			304F	-.7976		
105F	-2.5967			206F	-1.7179			305F	-.8224		
106F	-2.1158			221F	-1.1153			319F	-.8514		
107F	-1.7344			222F	-.9327			320F	-.7810		
121F	-1.2855			223F	-.8040			321F	-.7653		
122F	-.9866			224F	-.7127			322F	-.7404		
123F	-.7044			225F	-.6089			323F	-.6740		
124F	-.6836			226F	-.5051			325F	-.5081		
125F	-.4636			227F	-.3806			326F	-.4667		
126F	-.3682			228F	-.2644			327F	-.4003		
127F	-.2561			229F	-.1648			328F	-.3630		
128F	-.1814			259F	-.1357			329F	-.3090		
129F	-.1108			260F	-.1316			330F	-.3007		

TABLE 76 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 11.33 DEGREES AND QINF = 2.77 KN/SQM (57.90 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
165F	.2707			264F	-.1919			345F	.2015		
164F	.3202			263F	.3202			344F	.2386		
156F	.3491			262F	.3780			343F	.2386		
155F	.3574			255F	.3946			342F	.2180		
154F	.3533			254F	.3822			341F	.1396		
153F	.3326			253F	.3367			340F	.0612		
139F	.3161			252F	.2459			339F	-.0213		
138F	.2830			238F	.1591			338F	-.0790		
137F	.1963			237F	.1066			337F	-.0749		
136F	.0972			236F	.1231			336F	.0035		
135F	.1468			235F	.2097			335F	.1190		
133F	.4028			234F	.3087			334F	.1190		
132F	.5639			232F	.5645			333F	.3046		
131F	.6713			231F	.7088			332F	.3500		
110F	.7501			210F	.7914			310F	.5769		
109F	.6017			208F	.1233			309F	.7419		
108F	-.2519			201F	-1.5757			308F	.7295		
101F	-2.2108			202F	-2.3427			301F	-.0128		
102F	-4.0211			203F	-1.7571			302F	-.5076		
103F	-4.5077			204F	-1.6623			303F	-.5282		
104F	-4.0788			205F	-1.8726			304F	-.5117		
105F	-2.7922			206F	-1.9468			305F	-.5159		
106F	-2.2561			221F	-1.7118			319F	-.5159		
107F	-1.8314			222F	-1.4190			320F	-.5076		
121F	-1.3283			223F	-1.1551			321F	-.4956		
122F	-1.0272			224F	-.9035			322F	-.5905		
123F	-.7221			225F	-.7221			323F	-.5534		
124F	-.6849			226F	-.5983			325F	-.4833		
125F	-.4581			227F	-.4746			326F	-.4668		
126F	-.3592			228F	-.3674			327F	-.4461		
127F	-.2478			229F	-.2767			328F	-.4049		
128F	-.1736			259F	-.2437			329F	-.3760		
129F	-.1035			260F	-.2107			330F	-.3430		

TABLE 77 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 12.38 DEGREES AND QINF = 2.77 KN/SQM (57.80 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
165F	.2730			264F	-.3981			345F	.1754		
164F	.3347			263F	.2318			344F	.2453		
156F	.3512			262F	.3059			343F	.2535		
155F	.3594			255F	.3265			342F	.2371		
154F	.3594			254F	.3265			341F	.1220		
153F	.3388			253F	.2894			340F	.0685		
139F	.3265			252F	.1906			339F	.0069		
138F	.2936			238F	.1124			338F	-.0507		
137F	.2112			237F	.0562			337F	-.0466		
136F	.1083			236F	.0768			336F	.0398		
135F	.1700			235F	.1672			335F	.1590		
133F	.4253			234F	.2741			334F	.2206		
132F	.5859			232F	.5454			333F	.3481		
131F	.6764			231F	.6605			332F	.3563		
110F	.6894			210F	.7675			310F	.5826		
109F	.5539			208F	.2909			309F	.7018		
108F	-.4281			201F	-1.1266			308F	.6484		
101F	-2.5277			202F	-1.6361			301F	-.1816		
102F	-4.4301			203F	-1.2088			302F	-.6706		
103F	-4.8286			204F	-1.1924			303F	-.6459		
104F	-4.3232			205F	-1.1924			304F	-.6377		
105F	-2.9468			206F	-1.2745			305F	-.6336		
106F	-2.3510			221F	-1.2980			319F	-.6377		
107F	-1.9196			222F	-1.2733			320F	-.6171		
121F	-1.3638			223F	-1.1993			321F	-.6180		
122F	-1.0470			224F	-1.1088			322F	-.6097		
123F	-.7303			225F	-.9524			323F	-.6097		
124F	-.6850			226F	-.8167			325F	-.5193		
125F	-.4670			227F	-.6974			326F	-.4946		
126F	-.3436			228F	-.6069			327F	-.4741		
127F	-.2489			229F	-.5163			328F	-.4412		
128F	-.1667			259F	-.4588			329F	-.4124		
129F	-.1214			260F	-.4341			330F	-.3795		

RUN NUMBER 13 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

				UNCORRECTED				CORRECTED FOR STRUT INTERFERENCE				
MACH	Q,PSF	P	ALPHA,DEG	CL	CD	CM	L/D	CL	CD	CM	L/D	ISUBT
.201	58.00	.96	-6.04	-.2760	.0494	-.0882	-5.63	-.4020	.0450	-.1432	-8.93	OFF
.201	58.00	.96	-4.02	-.0830	.0376	-.1003	-2.21	-.2080	.0333	-.1553	-6.25	OFF
.200	57.70	.95	-2.24	.1020	.0335	-.1059	3.04	-.0237	.0295	-.1609	-.81	OFF
.201	57.90	.95	.13	.3460	.0296	-.1024	11.69	.2192	.0258	-.1573	8.49	OFF
.201	58.00	.95	2.30	.5250	.0313	-.0844	16.77	.4020	.0290	-.1322	13.88	OFF
.201	58.00	.95	4.24	.6950	.0362	-.0572	19.20	.5786	.0367	-.1135	15.78	OFF
.200	57.80	.95	6.14	.8760	.0467	-.0322	18.76	.7678	.0491	-.0930	15.65	OFF
.200	57.70	.94	8.45	1.0370	.0557	.0133	18.62	.9407	.0603	-.0530	15.61	OFF
.200	57.80	.94	9.34	1.1140	.0642	.0405	17.35	1.0289	.0707	-.0301	14.55	OFF
.200	57.60	.94	10.33	1.1820	.0844	.0716	14.00	1.1239	.0899	.0077	12.50	OFF
.200	57.90	.94	11.33	1.1930	.1256	.1251	9.50	1.1708	.1291	.0898	9.07	OFF
.200	57.80	.94	12.38	1.1590	.1811	.1049	6.40	1.1521	.1830	.0980	6.29	OFF
.200	57.40	.94	14.24	1.0970	.2585	.0636	4.24	1.0825	.2568	.0488	4.18	OFF
.199	57.30	.94	16.40	1.0850	.3156	.0953	3.44	1.0599	.3156	.0521	3.36	OFF
.200	57.70	.94	18.45	1.0700	.3639	.1227	2.94	1.0450	.3639	.0757	2.87	OFF
.201	58.10	.94	.24	.3820	.0285	-.1002	13.40	.2554	.0248	-.1551	10.32	OFF

CRUISE WING CONFIGURATION, ASPECT RATIO 10

Table 78 . Tabulated longitidinal data for run 13.

TABLE 79 .- TABULATED PRESSURE DATA FOR RUN 11 AT ALPHA = -4.11 DEGREES AND QINF = 12.76 KN/SQM (266.60 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
165F	.2643			264F	.0969			345F	.2697		
164F	.2858			263F	.2446			344F	.2662		
156F	.2911			262F	.2401			343F	.2555		
155F	.2876			255F	.2312			342F	.2340		
154F	.2625			254F	.2168			341F	.1804		
153F	.2338			253F	.1963			340F	.0981		
139F	.1998			252F	.1515			339F	-.0092		
138F	.1443			238F	-.0105			338F	-.1862		
137F	-.0114			237F	-.1656			337F	-.2836		
136F	-.2773			236F	-.2836			336F	-.3149		
135F	-.3784			235F	-.3238			335F	-.4025		
133F	-.5369			234F	-.4034			334F	-.4704		
132F	-.5727			232F	-.6028			333F	-.6385		
131F	-.6157			231F	-.7297			332F	-.7833		
110F	-.6812			210F	-.8965			310F	-1.0662		
109F	-.6204			208F	-.8447			309F	-1.2503		
108F	-.0612			201F	.5115			308F	-1.0662		
101F	.6383			202F	.7294			301F	.4194		
102F	.7241			203F	.3676			302F	.7687		
103F	.2515			204F	.1925			303F	.4998		
104F	-.0174			205F	.0853			304F	.3185		
105F	-.1621			206F	.0246			305F	.1577		
106F	-.1809			221F	-.0785			319F	-.1112		
107F	-.2023			222F	-.1035			320F	-.0389		
121F	-.2243			223F	-.1375			321F	-.0637		
122F	-.2314			224F	-.1715			322F	-.1218		
123F	-.2368			225F	-.2117			323F	-.1316		
124F	-.2422			226F	-.2126			325F	-.2094		
125F	-.2359			227F	-.2448			326F	-.2255		
126F	-.2091			228F	-.2225			327F	-.1808		
127F	-.1643			229F	-.1769			328F	-.1209		
128F	-.1187			259F	-.1259			329F	-.0422		
129F	-.0597			260F	-.0329			330F	.0418		

TABLE 80 .- TABULATED PRESSURE DATA FOR RUN 11 AT ALPHA = -.16 DEGREES AND QINF = 12.68 KN/SQM (264.80 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
165F	.2754			264F	.0336			345F	.3115		
164F	.3070			263F	.3151			344F	.3205		
156F	.3178			262F	.3259			343F	.3133		
155F	.3169			255F	.3232			342F	.2908		
154F	.2943			254F	.3088			341F	.2241		
153F	.2700			253F	.2655			340F	.1277		
139F	.2393			252F	.1978			339F	.0268		
138F	.1888			238F	.0282			338F	-.1309		
137F	.0471			237F	-.0940			337F	-.1796		
136F	-.1758			236F	-.1688			336F	-.1652		
135F	-.2299			235F	-.1625			335F	-.1670		
133F	-.2290			234F	-.1778			334F	-.1976		
132F	-.1550			232F	-.1787			333F	-.2111		
131F	-.1072			231F	-.1670			332F	-.2336		
110F	-.0356			210F	-.1329			310F	-.2346		
109F	.1490			208F	.4092			309F	-.0185		
108F	.5867			201F	.7532			308F	.2904		
101F	.6866			202F	.0716			301F	.7632		
102F	.2625			203F	-.4498			302F	.4858		
103F	-.5489			204F	-.4760			303F	-.2733		
104F	-.7353			205F	-.4201			304F	-.3112		
105F	-.7452			206F	-.4003			305F	-.3202		
106F	-.6525			221F	-.3544			319F	-.4192		
107F	-.5921			222F	-.3337			320F	-.2859		
121F	-.5086			223F	-.3364			321F	-.2616		
122F	-.4563			224F	-.3490			322F	-.2949		
123F	-.3932			225F	-.3544			323F	-.2769		
124F	-.3878			226F	-.3319			325F	-.3193		
125F	-.2913			227F	-.3301			326F	-.3138		
126F	-.2805			228F	-.2913			327F	-.2472		
127F	-.2155			229F	-.2101			328F	-.1535		
128F	-.1551			259F	-.1479			329F	-.0642		
129F	-.0839			260F	-.0478			330F	.0241		

TABLE 81 .- TABULATED PRESSURE DATA FOR RUN 11 AT ALPHA = 4.19 DEGREES AND QINF = 12.62 KN/SQM (263.50 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
165F	.2927			264F	-.0159			345F	.3182		
164F	.3290			263F	.3381			344F	.3363		
156F	.3399			262F	.3654			343F	.3354		
155F	.3417			255F	.3672			342F	.3109		
154F	.3281			254F	.3590			341F	.2357		
153F	.3009			253F	.3082			340F	.1468		
139F	.2764			252F	.2428			339F	.0662		
138F	.2310			238F	.0876			338F	-.0680		
137F	.1094			237F	-.0100			337F	-.0744		
136F	-.0740			236F	-.0372			336F	-.0399		
135F	-.0758			235F	.0036			335F	.0399		
133F	.0404			234F	.0362			334F	.0526		
132F	.1702			232F	.2021			333F	.1441		
131F	.2873			231F	.2655			332F	.1994		
110F	.4224			210F	.4152			310F	.3499		
109F	.6092			208F	.7651			309F	.6436		
108F	.7016			201F	.0979			308F	.7470		
101F	.1097			202F	-1.4740			301F	.1604		
102F	-.8703			203F	-1.8185			302F	-.7261		
103F	-1.7677			204F	-1.4087			303F	-1.6209		
104F	-1.7396			205F	-1.0724			304F	-1.2093		
105F	-1.5021			206F	-.9247			305F	-.9065		
106F	-1.2274			221F	-.6661			319F	-.7841		
107F	-1.0543			222F	-.5927			320F	-.5729		
121F	-.8255			223F	-.5456			321F	-.4995		
122F	-.6815			224F	-.5193			322F	-.4841		
123F	-.5547			225F	-.4930			323F	-.4306		
124F	-.5184			226F	-.4505			325F	-.4125		
125F	-.3545			227F	-.3997			326F	-.3762		
126F	-.3409			228F	-.3236			327F	-.2937		
127F	-.2602			229F	-.2240			328F	-.1741		
128F	-.1832			259F	-.1352			329F	-.0725		
129F	-.0999			260F	-.0365			330F	.0036		

TABLE 82.- TABULATED PRESSURE DATA FOR RUN 11 AT ALPHA = 8.63 DEGREES AND QINF = 12.57 KN/SQM (262.60 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
165F	.3090			264F	-.0751			345F	.3060		
164F	.3483			263F	.3556			344F	.3425		
156F	.3674			262F	.3939			343F	.3407		
155F	.3674			255F	.4012			342F	.3197		
154F	.3583			254F	.3912			341F	.2477		
153F	.3373			253F	.3474			340F	.1711		
139F	.3182			252F	.2780			339F	.1173		
138F	.2808			238F	.1357			338F	.0034		
137F	.1804			237F	.0872			337F	.0325		
136F	.0399			236F	.0936			336F	.1201		
135F	.0755			235F	.1620			335F	.2176		
133F	.2926			234F	.2367			334F	.2732		
132F	.4560			232F	.4911			333F	.4382		
131F	.5673			231F	.6014			332F	.5157		
110F	.6681			210F	.7137			310F	.6681		
109F	.7045			208F	.2744			309F	.7054		
108F	.2498			201F	-1.6619			308F	.3756		
101F	-1.2045			202F	-4.0062			301F	-1.6246		
102F	-2.8082			203F	-3.7687			302F	-2.9650		
103F	-3.4409			204F	-2.6005			303F	-3.6432		
104F	-3.0078			205F	-1.9007			304F	-2.2633		
105F	-2.3982			206F	-1.5498			305F	-1.6847		
106F	-1.9070			221F	-1.0085			319F	-1.1990		
107F	-1.5680			222F	-.8644			320F	-.9329		
121F	-1.2156			223F	-.7659			321F	-.7360		
122F	-.9201			224F	-.6994			322F	-.6630		
123F	-.7258			225F	-.6246			323F	-.5701		
124F	-.6592			226F	-.5425			325F	-.4898		
125F	-.4285			227F	-.4540			326F	-.4260		
126F	-.3893			228F	-.3473			327F	-.3111		
127F	-.2898			229F	-.2078			328F	-.1571		
128F	-.2041			259F	-.1366			329F	-.0659		
129F	-.1138			260F	-.0655			330F	-.0185		

TABLE 83 .- TABULATED PRESSURE DATA FOR RUN 11 AT ALPHA = 9.46 DEGREES AND QINF = 12.71 KN/SQM (265.50 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
165F	.3116			264F	-.0868			345F	.3079		
164F	.3532			263F	.3568			344F	.3368		
156F	.3694			262F	.3983			343F	.3395		
155F	.3730			255F	.4074			342F	.3223		
154F	.3649			254F	.3983			341F	.2483		
153F	.3441			253F	.3550			340F	.1761		
139F	.3215			252F	.2872			339F	.1238		
138F	.2854			238F	.1580			338F	.0218		
137F	.1924			237F	.1084			337F	.0588		
136F	.0686			236F	.1202			336F	.1436		
135F	.1092			235F	.1942			335F	.2465		
133F	.3297			234F	.2727			334F	.3142		
132F	.4950			232F	.5371			333F	.4757		
131F	.6088			231F	.6445			332F	.5551		
110F	.6944			210F	.7413			310F	.7052		
109F	.6818			208F	.0651			309F	.6556		
108F	.1065			201F	-2.1629			308F	.2120		
101F	-1.5101			202F	-4.6332			301F	-2.1106		
102F	-3.2232			203F	-4.2446			302F	-3.4940		
103F	-3.8022			204F	-2.8923			303F	-4.0864		
104F	-3.2750			205F	-2.0709			304F	-2.4983		
105F	-2.5785			206F	-1.6895			305F	-1.8419		
106F	-2.0366			221F	-1.0963			319F	-1.2405		
107F	-1.6778			222F	-.9167			320F	-.9727		
121F	-1.2579			223F	-.8084			321F	-.7787		
122F	-.9709			224F	-.7281			322F	-.6965		
123F	-.7552			225F	-.6415			323F	-.6018		
124F	-.6776			226F	-.5639			325F	-.5007		
125F	-.4375			227F	-.4628			326F	-.4249		
126F	-.3978			228F	-.3518			327F	-.3094		
127F	-.2941			229F	-.1966			328F	-.1587		
128F	-.1993			259F	-.1181			329F	-.0720		
129F	-.1072			260F	-.0567			330F	-.0260		

TABLE 84 .- TABULATED PRESSURE DATA FOR RUN 11 AT ALPHA = 10.60 DEGREES AND QINF = 12.73 KN/SQM (265.90 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
165F	.3134			264F	-.1125			345F	.2976		
164F	.3567			263F	.3549			344F	.3391		
156F	.3747			262F	.3946			343F	.3418		
155F	.3757			255F	.4072			342F	.3229		
154F	.3729			254F	.3955			341F	.2525		
153F	.3504			253F	.3540			340F	.1831		
139F	.3314			252F	.2917			339F	.1362		
138F	.2935			238F	.1762			338F	.0379		
137F	.2087			237F	.1281			337F	.0821		
136F	.0878			236F	.1452			336F	.1768		
135F	.1447			235F	.2273			335F	.2850		
133F	.3747			234F	.3130			334F	.3608		
132F	.5408			232F	.5862			333F	.5312		
131F	.6436			231F	.6872			332F	.6006		
110F	.7064			210F	.7667			310F	.7244		
109F	.6343			208F	-.2621			309F	.5487		
108F	-.1450			201F	-2.8468			308F	-.0720		
101F	-2.0144			202F	-5.5233			301F	-2.8369		
102F	-3.8653			203F	-4.8126			302F	-4.2992		
103F	-4.3296			204F	-3.2385			303F	-4.7197		
104F	-3.6394			205F	-2.2954			304F	-2.8432		
105F	-2.8450			206F	-1.8630			305F	-2.0459		
106F	-2.2297			221F	-1.1879			319F	-1.3116		
107F	-1.8044			222F	-.9805			320F	-1.0324		
121F	-1.3339			223F	-.8561			321F	-.8376		
122F	-1.0184			224F	-.7678			322F	-.7429		
123F	-.7939			225F	-.6704			323F	-.6383		
124F	-.7074			226F	-.5767			325F	-.5121		
125F	-.4459			227F	-.4577			326F	-.4309		
126F	-.4018			228F	-.3342			327F	-.3083		
127F	-.2918			229F	-.1854			328F	-.1559		
128F	-.1935			259F	-.1115			329F	-.0721		
129F	-.1043			260F	-.0610			330F	-.0378		

TABLE 85 .- TABULATED PRESSURE DATA FOR RUN 11 AT ALPHA = 11.61 DEGREES AND QINF = 12.70 KN/SQM (265.20 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
165F	.3168			264F	-.1212			345F	.3015		
164F	.3602			263F	.3620			344F	.3331		
156F	.3792			262F	.4055			343F	.3403		
155F	.3656			255F	.4163			342F	.3204		
154F	.3792			254F	.4109			341F	.2518		
153F	.3639			253F	.3711			340F	.1894		
139F	.3430			252F	.3114			339F	.1478		
138F	.3068			238F	.1964			338F	.0575		
137F	.2290			237F	.1587			337F	.1117		
136F	.1204			236F	.1831			336F	.2066		
135F	.1802			235F	.2698			335F	.3222		
133F	.4245			234F	.3575			334F	.4054		
132F	.5819			232F	.6386			333F	.5735		
131F	.6742			231F	.7298			332F	.6431		
110F	.7075			210F	.7770			310F	.7409		
109F	.5630			208F	-.5945			309F	.4393		
108F	-.3904			201F	-3.5361			308F	-.3489		
101F	-2.4779			202F	-6.3611			301F	-3.4726		
102F	-4.5124			203F	-5.2828			302F	-5.0063		
103F	-4.8032			204F	-3.5782			303F	-5.2685		
104F	-3.9674			205F	-2.5104			304F	-3.1451		
105F	-3.0485			206F	-2.0166			305F	-2.2306		
106F	-2.3768			221F	-1.2692			319F	-1.4026		
107F	-1.9272			222F	-1.0541			320F	-1.1164		
121F	-1.4237			223F	-.9086			321F	-.8851		
122F	-1.0749			224F	-.8128			322F	-.7803		
123F	-.8318			225F	-.6962			323F	-.6610		
124F	-.7360			226F	-.5887			325F	-.5146		
125F	-.4568			227F	-.4613			326F	-.4206		
126F	-.4034			228F	-.3348			327F	-.2905		
127F	-.2851			229F	-.1884			328F	-.1368		
128F	-.1938			259F	-.1188			329F	-.0718		
129F	-.0998			260F	-.0745			330F	-.0420		

TABLE 86.- TABULATED PRESSURE DATA FOR RUN 11 AT ALPHA = 12.50 DEGREES AND QINF = 12.67 KN/SQM (264.60 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
165F	.3145			264F	-.1342			345F	.2886		
164F	.3589			263F	.3599			344F	.3284		
156F	.3834			262F	.4025			343F	.3384		
155F	.3871			255F	.4097			342F	.3185		
154F	.3816			254F	.4043			341F	.2451		
153F	.3635			253F	.3689			340F	.1925		
139F	.3472			252F	.3091			339F	.1508		
138F	.3127			238F	.2048			338F	.0692		
137F	.2366			237F	.1662			337F	.1218		
136F	.1359			236F	.2034			336F	.2251		
135F	.1967			235F	.2867			335F	.3411		
133F	.4514			234F	.3810			334F	.4317		
132F	.6065			232F	.6592			333F	.6012		
131F	.6844			231F	.7389			332F	.6583		
110F	.6994			210F	.7691			310F	.7383		
109F	.4994			208F	-.8892			309F	.3364		
108F	-.6104			201F	-4.1290			308F	-.6050		
101F	-2.8634			202F	-7.0894			301F	-4.0465		
102F	-4.9920			203F	-5.6379			302F	-5.6173		
103F	-5.1759			204F	-3.8509			303F	-5.6227		
104F	-4.2268			205F	-2.6878			304F	-3.3952		
105F	-3.2293			206F	-2.1519			305F	-2.3828		
106F	-2.5176			221F	-1.3323			319F	-1.4513		
107F	-2.0261			222F	-1.0966			320F	-1.1743		
121F	-1.4746			223F	-.9461			321F	-.9330		
122F	-1.1165			224F	-.8328			322F	-.8098		
123F	-.8555			225F	-.7123			323F	-.6856		
124F	-.7522			226F	-.5972			325F	-.5180		
125F	-.4558			227F	-.4594			326F	-.4201		
126F	-.3968			228F	-.3271			327F	-.2923		
127F	-.2826			229F	-.1748			328F	-.1473		
128F	-.1857			259F	-.1150			329F	-.0902		
129F	-.0968			260F	-.0715			330F	-.0676		

RUN NUMBER 11 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

MACH	Q,PSF	P	ALPHA,DEG	UNCORRECTED CL	UNCORRECTED CD	UNCORRECTED CM	UNCORRECTED L/D	CORRECTED FOR STRUT INTERFERENCE CL	CORRECTED FOR STRUT INTERFERENCE CD	CORRECTED FOR STRUT INTERFERENCE CM	CORRECTED FOR STRUT INTERFERENCE L/D	ISUBT
.201	266.40	4.20	-6.08	-.2570	.0394	-.1316	-6.52	-.3809	.0350	-.1866	-10.89	OFF
.201	265.70	4.20	-4.11	-.0610	.0304	-.1308	-2.01	-.1860	.0261	-.1658	-7.13	OFF
.201	266.60	4.20	-4.11	-.0600	.0304	-.1302	-1.97	-.1850	.0261	-.1852	-7.09	OFF
.201	265.40	4.19	-1.94	.1570	.0270	-.1178	5.81	.0309	.0230	-.1728	1.34	OFF
.200	264.80	4.18	-.16	.3360	.0267	-.1007	12.58	.2088	.0229	-.1557	9.13	OFF
.200	263.80	4.17	2.21	.5590	.0312	-.0738	17.92	.4356	.0288	-.1216	15.13	OFF
.200	263.50	4.17	4.19	.7390	.0379	-.0513	19.50	.6225	.0383	-.1074	16.27	OFF
.200	263.10	4.16	6.44	.9420	.0499	-.0116	18.88	.8354	.0521	-.0719	16.03	OFF
.200	262.60	4.16	8.63	1.1440	.0655	.0175	17.47	1.0495	.0707	-.0496	14.86	OFF
.201	265.50	4.18	9.46	1.2280	.0732	.0311	16.78	1.1449	.0797	-.0398	14.36	OFF
.201	265.90	4.18	10.60	1.3220	.0816	.0515	16.20	1.2747	.0866	-.0061	14.73	OFF
.201	265.20	4.17	11.61	1.4130	.0924	.0707	15.29	1.3971	.0954	.0445	14.65	OFF
.200	264.60	4.16	12.50	1.4780	.1016	.0853	14.55	1.4717	.1034	.0802	14.23	OFF
.201	265.50	4.17	14.60	1.6420	.1257	.1285	13.06	1.6236	.1258	.1057	12.90	OFF
.200	263.00	4.15	16.65	1.5900	.2047	.2414	7.77	1.5649	.2047	.1979	7.64	OFF
.200	262.90	4.16	18.71	1.5740	.2685	.3498	5.86	1.5490	.2685	.3032	5.77	OFF
.200	264.10	4.16	-.02	.3460	.0271	-.0991	12.77	.2190	.0233	-.1541	9.40	OFF

CRUISE WING CONFIGURATION, ASPECT RATIO 10

Table 87 . Tabulated longitidinal data for run 11.

TABLE 88 .- TABULATED PRESSURE DATA FOR RUN 40 AT ALPHA = -5.58 DEGREES AND QINF = 12.74 KN/SQM (266.00 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	-.6517	129E	-.0968	214A	-.8494			313A	-.2474		
111A	-.7292			213A	-.8431			312A	-.2233		
110A	-.8832			212A	-.8262			311A	-.2010		
109A	-1.0991			211A	-.8324			310A	-.3273		
109A	-2.8291			210A	-.8083			309A	-.3015		
101A	-2.2893			208A	-.8752			301A	-.3407		
102A	-.7101			201A	-1.1116			302A	-.1123		
103A	.3989			202A	-.0070			303A	.5658		
104A	.7496			203A	.6398			304A	.7139		
105A	.7567			204A	.7630			305A	.6737		
106A	.6389			205A	.7032			345E	-.2295		
107A	.3936			206A	.5461			344E	-.2465		
165E	.1226			264E	-.1251			343E	-.2456		
164E	.1173			263E	-.1456			342E	-.2465		
156E	.1084			262E	-.1946			341E	-.2545		
155E	.1013			255E	-.2213			340E	-.2438		
154E	.0522			254E	-.2409			339E	-.2509		
153E	.0175			253E	-.3140			338E	-.2599		
139E	-.0092			252E	-.3746			337E	-.2706		
138E	-.0636			238E	-.5243			336E	-.2839		
137E	-.1500			237E	-.5488			335E	-.3250		
136E	-.2792			236E	-.6433			334E	-.3981		
135E	-.4236			235E	-.6853			333E	-.3330		
133E	-.6846			234E	-.6942			332E	-.3268		
132E	-.6445			233E	-.7236			331E	-.3187		
131E	-.6846			232E	-.7878			315E	-.2783		
130E	-1.0927			231E	-.9287			317E	-.1712		
115E	-1.0981			230E	-1.4995			318E	-.2685		
116E	-.8752			219E	-.2354			320E	-.3024		
117E	.4667			221E	-.2146			321E	-.2724		
118E	-.0998			222E	-.1958			322E	-.3053		
120E	-.4389			223E	-.2128			323E	-.3125		
121E	-.2967			224E	-.2431			325E	-.3990		
122E	-.2690			225E	-.2833			326E	-.4409		
123F	-.2699			226E	-.2860			327E	-.4329		
124E	-.2744			227E	-.3324			328E	-.4204		
125E	-.2708			228E	-.3199			329E	-.3767		
126E	-.2512			229E	-.3056			330E	-.3009		
127E	-.1996			259E	-.2717						
128E	-.1441			260E	-.2092						

TABLE 89 .- TABULATED PRESSURE DATA FOR RUN 40 AT ALPHA = -4.28 DEGREES AND QINF = 12.71 KN/SQM (265.50 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	-.5501	129E	-.0855	214A	-.8672			313A	-.4585		
111A	-.6171			213A	-.8538			312A	-.3387		
110A	-.7764			212A	-.8386			311A	-.4871		
109A	-1.5779			211A	-.8216			310A	-.6458		
108A	-2.9054			210A	-.9723			309A	-.5546		
101A	-2.1191			208A	-.9490			301A	-.6780		
102A	-.5188			201A	-2.0270			302A	-.2960		
103A	.4876			202A	.0895			303A	.5368		
104A	.7604			203A	.6674			304A	.7014		
105A	.7202			204A	.7640			305A	.6522		
106A	.5824			205A	.6736			345E	-.1786		
107A	.3221			206A	.5323			344E	-.1893		
165E	.1790			264E	-.0176			343E	-.1866		
164E	.1852			263E	-.0346			342E	-.1938		
156E	.1719			262E	-.0873			341E	-.2027		
155E	.1656			255E	-.0113			340E	-.1947		
154E	.1388			254E	-.0980			339E	-.1857		
153E	.1102			253E	-.2025			338E	-.1857		
139E	.0807			252E	-.2588			337E	-.1616		
138E	.0333			238E	-.4036			336E	-.1759		
137E	-.0667			237E	-.4075			335E	-.2904		
136E	-.2061			236E	-.5408			334E	-.4809		
135E	-.3169			235E	-.6061			333E	-.6490		
133E	-.6341			234E	-.6660			332E	-.6302		
132E	-.5886			233E	-.7062			331E	-.5801		
131E	-.5939			232E	-.7760			315E	-.4311		
130E	-.8557			231E	-.8994			317E	.0358		
115E	-.9263			230E	-1.4020			318E	-.3077		
116E	-.8050			219E	-.3077			320E	-.3130		
117E	.4035			221E	-.2646			321E	-.2841		
118E	-.2343			222E	-.2413			322E	-.3163		
120E	-.5465			223E	-.2422			323E	-.3172		
121E	-.3757			224E	-.2682			325E	-.3941		
122E	-.3273			225E	-.2924			326E	-.4219		
123E	-.3049			226E	-.2852			327E	-.4031		
124E	-.3076			227E	-.3139			328E	-.3744		
125E	-.2637			228E	-.2781			329E	-.3029		
126E	-.2602			229E	-.2234			330E	-.2376		
127E	-.1921			259E	-.2064						
128E	-.1473			260E	-.1303						

TABLE 90 .- TABULATED PRESSURE DATA FOR RUN 40 AT ALPHA = 4.34 DEGREES AND QINF = 12.65 KN/SQM (264.10 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	-.2756	129E	-.1024	214A	-.3345			313A	-.5098		
111A	-.1726			213A	-.4520			312A	-.5107		
110A	-.7039			212A	-.4791			311A	-.5189		
109A	-1.0999			211A	-.4430			310A	-.6542		
108A	-1.1270			210A	-.7853			309A	-1.1758		
101A	-.1977			208A	-1.6133			301A	-1.6892		
102A	.5986			201A	-.5819			302A	.2009		
103A	.6999			202A	.6981			303A	.7180		
104A	.4757			203A	.7062			304A	.5399		
105A	.2325			204A	.5155			305A	.3907		
106A	.0237			205A	.2940			345E	.3160		
107A	-.1905			206A	.0563			344E	.3495		
165E	.2751			264E	-.0950			343E	.3476		
164E	.3112			263E	.3293			342E	.3223		
156E	.3266			262E	.3645			341E	.2257		
155E	.3302			255E	.3699			340E	.1371		
154E	.3221			254E	.3582			339E	.0784		
153E	.2968			253E	.3058			338E	-.0454		
139E	.2697			252E	.2300			337E	-.0147		
138E	.2273			238E	.0837			336E	.0739		
137E	.1217			237E	.0025			335E	.2076		
136E	-.0336			236E	.0034			334E	.4407		
135E	.0142			235E	.0937			333E	.5609		
133E	.6001			234E	.2148			332E	-.4809		
132E	-.4380			233E	.5256			331E	-1.1595		
131E	-.5283			232E	-.0120			315E	-.8802		
130E	-.7612			231E	-.6219			317E	-1.0113		
115E	-.5328			230E	-1.3808			318E	-1.0022		
116E	-.5349			219E	-1.1640			320E	-.7500		
117E	-.9173			221E	-.8268			321E	-.6128		
118E	-1.3955			222E	-.6830			322E	-.5478		
120E	-1.3909			223E	-.5862			323E	-.4809		
121E	-1.0068			224E	-.5320			325E	-.3869		
122E	-.7526			225E	-.4750			326E	-.3327		
123E	-.6088			226E	-.4144			327E	-.2532		
124E	-.5374			227E	-.3448			328E	-.1475		
125E	-.3701			228E	-.2733			329E	-.0897		
126E	-.3366			229E	-.1811			330E	-.0599		
127E	-.2408			259E	-.1295						
128E	-.1748			260E	-.0753						

TABLE 91 .- TABULATED PRESSURE DATA FOR RUN 40 AT ALPHA = 8.44 DEGREES AND QINF = 12.58 KN/SQM (262.70 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	-.3895	129F	-.0997	214A	-.4796			313A	-.6569		
111A	-.1534			213A	-.5787			312A	-.6723		
110A	-.5307			212A	-.5896			311A	-.6469		
109A	-.5616			211A	-.5423			310A	-.6779		
108A	-.2862			210A	-.6352			309A	-.8006		
101A	.4136			208A	-.4353			301A	-.3453		
102A	.6999			201A	.3418			302A	.7299		
103A	.4491			202A	.7108			303A	.5209		
104A	.0837			203A	.3663			304A	.1410		
105A	-.1444			204A	.1228			305A	.0064		
106A	-.3226			205A	-.0872			345E	.3151		
107A	-.4135			206A	-.3426			344E	.3588		
165E	.2770			264E	-.1434			343E	.3597		
164E	.3270			263E	.3397			342E	.3424		
156E	.3424			262E	.3778			341E	.2542		
155E	.3515			255E	.3833			340E	.1797		
154E	.3460			254E	.3787			339E	.1360		
153E	.3252			253E	.3324			338E	.0387		
139E	.2997			252E	.2643			337E	.0833		
138E	.2598			238E	.1336			336E	.1815		
137E	.1672			237E	.0760			335E	.3088		
136E	.0400			236E	.0942			334E	.4779		
135E	.1018			235E	.1942			333E	.7725		
133E	.5976			234E	.3051			332E	.6070		
132E	.2062			233E	.5170			331E	-.7887		
131E	-.6074			232E	.7807			315E	-1.6023		
130E	-1.5382			231E	.2942			317E	-1.8168		
115E	-1.0161			230E	-1.9062			318E	-1.6286		
116E	-.8761			219E	-1.7604			320E	-1.0533		
117E	-1.6932			221E	-1.1220			321E	-.8187		
118E	-2.2030			222E	-.8883			322E	-.7151		
120E	-1.8486			223E	-.7518			323E	-.6069		
121E	-1.3021			224E	-.6563			325E	-.4623		
122E	-.9319			225E	-.5654			326E	-.3741		
123E	-.7291			226E	-.4644			327E	-.2650		
124E	-.6136			227E	-.3644			328E	-.1468		
125E	-.3880			228E	-.2725			329E	-.0968		
126E	-.3362			229E	-.1725			330E	-.0758		
127E	-.2271			259E	-.1243						
128E	-.1625			260E	-.0906						

TABLE 92 .- TABULATED PRESSURE DATA FOR RUN 40 AT ALPHA = 12.46 DEGREES AND QINF = 12.54 KN/SQM (261.80 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	-.3403	129E	-.1066	214A	-.4704			313A	-.4219		
111A	-.1241			213A	-.5508			312A	-.4503		
110A	-.2407			212A	-.5727			311A	-.4082		
109A	-.0224			211A	-.5416			310A	-.2197		
108A	.3475			210A	-.2727			309A	-.0864		
101A	.6864			208A	.4782			301A	.5850		
102A	.3923			201A	.7394			302A	.5732		
103A	-.1512			202A	.1329			303A	-.2371		
104A	-.5824			203A	-.3988			304A	-.5513		
105A	-.7295			204A	-.5669			305A	-.6043		
106A	-.8491			205A	-.6783			345E	.3127		
107A	-.8290			206A	-.8683			344E	.3629		
165E	.2928			264E	-.1624			343E	.3675		
164E	.3420			263E	.3484			342E	.3547		
156E	.3584			262E	.4032			341E	.2715		
155E	.3694			255E	.4159			340E	.2131		
154E	.3667			254E	.4077			339E	.1857		
153E	.3493			253E	.3676			338E	.1144		
139E	.3338			252E	.3119			337E	.1847		
138E	.2928			238E	.1970			336E	.2953		
137E	.2244			237E	.1747			335E	.4177		
136E	.1322			236E	.2131			334E	.5685		
135E	.2161			235E	.3136			333E	.7558		
133E	.6084			234E	.4360			332E	.6516		
132E	.6695			233E	.6169			331E	-.3214		
131E	-.0512			232E	.7786			315E	-2.1399		
130E	-1.7917			231E	.4945			317E	-2.6505		
115E	-1.6403			230E	-1.7203			318E	-2.2888		
116E	-1.4219			219E	-2.4797			320E	-1.4091		
117E	-2.6998			221E	-1.4944			321E	-1.0487		
118E	-3.1985			222E	-1.1369			322E	-.8852		
120E	-2.4066			223E	-.9349			323E	-.7344		
121E	-1.6160			224E	-.8078			325E	-.5023		
122E	-1.1232			225E	-.6698			326E	-.3982		
123E	-.8535			226E	-.5417			327E	-.2693		
124E	-.7072			227E	-.3964			328E	-.1597		
125E	-.4256			228E	-.2729			329E	-.1250		
126E	-.3498			229E	-.1623			330E	-.1213		
127E	-.2400			259E	-.1340						
128E	-.1715			260E	-.1120						

TABLE 93 .- TABULATED PRESSURE DATA FOR RUN 40 AT ALPHA = 14.48 DEGREES AND QINF = 12.74 KN/SQM (266.00 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	-.2599	129E	-.1156	214A	-.2705			313A	-.2939		
111A	-.0334			213A	-.4559			312A	-.3344		
110A	-.0721			212A	-.4973			311A	-.3047		
109A	.1977			211A	-.4397			310A	-.0271		
108A	.5521			210A	-.0433			309A	.1671		
101A	.6627			208A	.7032			301A	.7275		
102A	.0844			201A	.6600			302A	.1860		
103A	-.5452			202A	-.4148			303A	-.8141		
104A	-.9661			203A	-.9410			304A	-.9715		
105A	-1.0561			204A	-.9877			305A	-.9787		
106A	-1.1316			205A	-1.0219			345E	.3063		
107A	-1.1173			206A	-1.1748			344E	.3593		
165E	.2946			264E	-.1817			343E	.3683		
164E	.3503			263E	.3539			342E	.3566		
156E	.3737			262E	.4033			341E	.2784		
155E	.3809			255E	.4213			340E	.2262		
154E	.3782			254E	.4186			339E	.2136		
153E	.3674			253E	.3845			338E	.1506		
139E	.3485			252E	.3288			337E	.2271		
138E	.3126			238E	.2344			336E	.3432		
137E	.2515			237E	.2154			335E	.4682		
136E	.1706			236E	.2622			334E	.6104		
135E	.2641			235E	.3620			333E	.7562		
133E	.6289			234E	.4871			332E	.6383		
132E	.6828			233E	.6518			331E	-.2480		
131E	.1239			232E	.7778			315E	-2.3828		
130E	-1.5674			231E	.5015			317E	-3.0535		
115E	-1.6303			230E	-1.6041			318E	-2.5779		
116E	-1.5895			219E	-2.7965			320E	-1.5463		
117E	-3.0980			221E	-1.6608			321E	-1.1506		
118E	-3.5972			222E	-1.2529			322E	-.9535		
120E	-2.6247			223E	-1.0125			323E	-.7816		
121E	-1.7472			224E	-.8576			325E	-.5009		
122E	-1.1899			225E	-.6964			326E	-.3794		
123E	-.8864			226E	-.5550			327E	-.2634		
124E	-.7252			227E	-.3984			328E	-.1860		
125E	-.4254			228E	-.2732			329E	-.1689		
126E	-.3362			229E	-.1733			330E	-.1590		
127E	-.2219			259E	-.1462						
128E	-.1624			260E	-.1282						

TABLE 94 .- TABULATED PRESSURE DATA FOR RUN 40 AT ALPHA = 16.97 DEGREES AND QINF = 12.70 KN/SQM (265.30 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	-.1988	129E	-.1124	214A	.0133			313A	-.1191		
111A	.1543			213A	-.3322			312A	-.2062		
110A	.1145			212A	-.3757			311A	-.1318		
109A	.4290			211A	-.2406			310A	.2088		
108A	.6809			210A	.2169			309A	.4335		
101A	.4960			208A	.7634			301A	.7072		
102A	-.4582			201A	.3538			302A	-.6276		
103A	-1.1451			202A	-1.2611			303A	-1.7132		
104A	-1.5393			203A	-1.7332			304A	-1.5936		
105A	-1.5003			204A	-1.5891			305A	-1.4495		
106A	-1.5021			205A	-1.4803			345E	.2898		
107A	-1.3444			206A	-1.5619			344E	.3442		
165E	.2883			264E	-.2387			343E	.3579		
164E	.3498			263E	.3480			342E	.3533		
156E	.3716			262E	.4060			341E	.2762		
155E	.3824			255E	.4222			340E	.2309		
154E	.3888			254E	.4222			339E	.2300		
153E	.3743			253E	.3942			338E	.1819		
139E	.3625			252E	.3444			337E	.2735		
138E	.3317			238E	.2593			336E	.3932		
137E	.2846			237E	.2545			335E	.5184		
136E	.2249			236E	.3107			334E	.6435		
135E	.3227			235E	.4268			333E	.7532		
133E	.6604			234E	.5465			332E	.6217		
132E	.6921			233E	.6906			331E	-.1998		
131E	.2294			232E	.7713			315E	-2.6348		
130E	-1.4030			231E	.4902			317E	-3.4926		
115E	-1.7371			230E	-1.4947			318E	-2.9058		
116E	-1.8682			219E	-3.1747			320E	-1.6924		
117E	-3.6417			221E	-1.8233			321E	-1.2327		
118E	-4.1572			222E	-1.3534			322E	-.9606		
120E	-2.8976			223E	-1.0858			323E	-.8037		
121E	-1.9059			224E	-.9062			325E	-.5217		
122E	-1.2781			225E	-.7184			326E	-.4129		
123E	-.9279			226E	-.5496			327E	-.3168		
124E	-.7383			227E	-.3872			328E	-.2760		
125E	-.4244			228E	-.2847			329E	-.2796		
126E	-.3319			229E	-.2149			330E	-.2488		
127E	-.2276			259E	-.1913						
128E	-.1650			260E	-.1731						

TABLE 95 .- TABULATED PRESSURE DATA FOR RUN 40 AT ALPHA = 18.55 DEGREES AND QINF = 12.68 KN/SQM (264.90 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	-.1777	129E	-.1194	214A	.1757			313A	.0218		
111A	.2950			213A	-.2714			312A	-.1239		
110A	.2238			212A	-.3130			311A	-.0533		
109A	.5386			211A	-.1682			310A	.3206		
108A	.7060			210A	.3414			309A	.5350		
101A	.3432			208A	.7141			301A	.6273		
102A	-.8166			201A	.0636			302A	-1.1531		
103A	-1.5223			202A	-1.8950			303A	-2.1755		
104A	-1.8498			203A	-2.2144			304A	-1.8778		
105A	-1.7412			204A	-1.9276			305A	-1.6688		
106A	-1.7222			205A	-1.7186			345E	.2779		
107A	-1.5168			206A	-1.8733			344E	.3349		
165E	.3004			264E	-.2645			343E	.3530		
164E	.3574			263E	.3465			342E	.3494		
156E	.3836			262E	.4071			341E	.2743		
155E	.3881			255E	.4224			340E	.2318		
154E	.3935			254E	.4233			339E	.2372		
153E	.3800			253E	.3971			338E	.1956		
139E	.3718			252E	.3510			337E	.2951		
138E	.3429			238E	.2760			336E	.4154		
137E	.2968			237E	.2752			335E	.5421		
136E	.2462			236E	.3385			334E	.6634		
135E	.3546			235E	.4453			333E	.7575		
133E	.6791			234E	.5711			332E	.6209		
132E	.6927			233E	.7059			331E	-.1664		
131E	.2697			232E	.7738			315E	-2.7156		
130E	-1.3031			231E	.4851			317E	-3.6546		
115E	-1.7198			230E	-1.4179			318E	-3.0023		
116E	-2.0244			219E	-3.3085			320E	-1.7186		
117E	-3.9289			221E	-1.8711			321E	-1.1618		
118E	-4.3745			222E	-1.3865			322E	-.9826		
120E	-2.9987			223E	-1.0858			323E	-.7908		
121E	-2.0106			224E	-.9065			325E	-.5781		
122E	-1.2923			225E	-.6982			326E	-.5781		
123E	-.9291			226E	-.5352			327E	-.4152		
124E	-.7290			227E	-.3893			328E	-.3329		
125E	-.4238			228E	-.3024			329E	-.3483		
126E	-.3278			229E	-.2462			330E	-.3076		
127E	-.2345			259E	-.2263						
128E	-.1683			260E	-.2218						

TABLE 96 .- TABULATED PRESSURE DATA FOR RUN 40 AT ALPHA = 20.89 DEGREES AND QINF = 12.58 KN/SQM (262.80 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	-.0861	129E	-.5783	214A	.3196			313A	.2323		
111A	.2581			213A	-.2042			312A	-.0105		
110A	.2383			212A	-.2633			311A	.0650		
109A	.5218			211A	-.1296			310A	.4128		
108A	.6854			210A	.4292			309A	.6345		
101A	.3310			208A	.6000			301A	.3964		
102A	-.7013			201A	-.3224			302A	-2.0391		
103A	-1.3538			202A	-2.5852			303A	-2.1772		
104A	-1.6156			203A	-2.7788			304A	-2.3589		
105A	-1.4956			204A	-2.2899			305A	-2.0172		
106A	-1.4647			205A	-1.9536			345E	.2560		
107A	-1.2502			206A	-2.0945			344E	.3387		
165E	.1600			264E	-.3203			343E	.3415		
164E	.2417			263E	.3198			342E	.3506		
156E	.2708			262E	.3934			341E	.2432		
155E	.3125			255E	.4115			340E	.2423		
154E	.3316			254E	.4115			339E	.2651		
153E	.3207			253E	.3897			338E	.2323		
139E	.3171			252E	.3398			337E	.2924		
138E	.2907			238E	.2744			336E	.4597		
137E	.2608			237E	.2833			335E	.5561		
136E	.2154			236E	.3515			334E	.6861		
135E	.3371			235E	.4651			333E	.7561		
133E	.6648			234E	.5924			332E	.6125		
132E	.6857			233E	.7179			331E	-.1350		
131E	.3053			232E	.7634			315E	-2.8833		
130E	-1.1102			231E	.4833			317E	-3.9720		
115E	-1.5206			230E	-1.3572			318E	-3.2073		
116E	-1.6456			219E	-3.5316			320E	-1.7946		
117E	-3.1623			221E	-1.9308			321E	-1.2718		
118E	-3.5253			222E	-1.4160			322E	-.9326		
120E	-2.1908			223E	-1.1449			323E	-.7853		
121E	-1.5342			224E	-.9448			325E	-.5534		
122E	-.9785			225E	-.7465			326E	-.5943		
123E	-.7893			226E	-.5955			327E	-.4715		
124E	-.6392			227E	-.4473			328E	-.4733		
125E	-.5282			228E	-.3618			329E	-.4006		
126E	-.5728			229E	-.3063			330E	-.3624		
127E	-.5710			259E	-.2808						
128E	-.6301			260E	-.2781						

TABLE 97.- TABULATED PRESSURE DATA FOR RUN 40 AT ALPHA = 24.60 DEGREES AND QINF = 12.78 KN/SQM (266.90 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	.0308	129E	-.6811	214A	.5129			313A	.3412		
111A	.5049			213A	.0904			312A	.1829		
110A	.4608			212A	-.0368			311A	.2567		
109A	.6803			211A	.0424			310A	.5905		
108A	.6190			210A	.6172			309A	.7025		
101A	-.1117			208A	.1852			301A	.1292		
102A	-1.5240			201A	-1.3329			302A	-2.7658		
103A	-2.1311			202A	-4.0308			303A	-3.2142		
104A	-2.2573			203A	-3.8414			304A	-2.2502		
105A	-1.9169			204A	-2.8484			305A	-1.9151		
106A	-1.7925			205A	-2.3951			345E	.2291		
107A	-1.5125			206A	-2.4004			344E	.3136		
165E	.1489			264E	-.4602			343E	.3430		
164E	.2545			263E	.2838			342E	.3412		
156E	.2918			262E	.3726			341E	.2692		
155E	.3016			255E	.3992			340E	.2291		
154E	.3362			254E	.4134			339E	.2612		
153E	.3389			253E	.3939			338E	.2389		
139E	.3389			252E	.3584			337E	.3519		
138E	.3105			238E	.2998			336E	.4746		
137E	.2909			237E	.3181			335E	.5894		
136E	.2687			236E	.4159			334E	.6890		
135E	.4072			235E	.5227			333E	.7450		
133E	.6967			234E	.6454			332E	.6321		
132E	.6851			233E	.7539			331E	.0673		
131E	.3717			232E	.7682			315E	-2.2129		
130E	-.8402			231E	.5138			317E	-2.6742		
115E	-1.3410			230E	-1.0641			318E	-1.9853		
116E	-1.7907			219E	-3.4803			320E	-1.2609		
117E	-3.5543			221E	-1.8074			321E	-1.1308		
118E	-3.8150			222E	-1.4160			322E	-.9218		
120E	-2.3569			223E	-1.1882			323E	-.7866		
121E	-1.5734			224E	-1.1268			325E	-.6808		
122E	-.9801			225E	-.9614			326E	-.6594		
123E	-.7674			226E	-.6438			327E	-.5892		
124E	-.6135			227E	-.5682			328E	-.5580		
125E	-.4996			228E	-.4765			329E	-.5616		
126E	-.6055			229E	-.4907			330E	-.5011		
127E	-.6500			259E	-.5174						
128E	-.6509			260E	-.4747						

TABLE 98 .- TABULATED PRESSURE DATA FOR RUN 40 AT ALPHA = 28.74 DEGREES AND QINF = 12.82 KN/SQM (267.80 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	.1704	129E	-.6301	214A	.5902			313A	.5541		
111A	.5582			213A	.3406			312A	.4540		
110A	.6228			212A	.2185			311A	.4548		
109A	.7089			211A	.2501			310A	.7142		
108A	.4050			210A	.7107			309A	.7388		
101A	-.7781			208A	-.3012			301A	-.9827		
102A	-2.5497			201A	-2.2124			302A	-5.1348		
103A	-3.0205			202A	-4.6300			303A	-5.0591		
104A	-2.8790			203A	-4.3340			304A	-3.0188		
105A	-2.3266			204A	-3.0570			305A	-2.5743		
106A	-2.1184			205A	-2.3767			345E	.2149		
107A	-1.7434			206A	-2.2159			344E	.3160		
165E	.1519			264E	-.6475			343E	.3353		
164E	.2511			263E	.2458			342E	.3441		
156E	.3064			262E	.3441			341E	.2747		
155E	.3196			255E	.3661			340E	.2589		
154E	.3687			254E	.3994			339E	.2967		
153E	.3705			253E	.3810			338E	.3002		
139E	.3520			252E	.3397			337E	.4153		
138E	.3397			238E	.3029			336E	.5480		
137E	.3424			237E	.3292			335E	.6587		
136E	.3397			236E	.4364			334E	.7378		
135E	.4810			235E	.5497			333E	.7510		
133E	.7267			234E	.6675			332E	.6394		
132E	.6908			233E	.7694			331E	.1139		
131E	.4231			232E	.7747			315E	-2.3758		
130E	-.6071			231E	.5532			317E	-2.6199		
115E	-1.2960			230E	-.7648			318E	-1.6169		
116E	-1.9401			219E	-2.0279			320E	-1.2164		
117E	-3.9110			221E	-1.3636			321E	-1.0531		
118E	-4.0059			222E	-1.1771			322E	-.9775		
120E	-2.4030			223E	-.9669			323E	-.9116		
121E	-1.5597			224E	-.8851			325E	-.7587		
122E	-.9450			225E	-.8983			326E	-.6901		
123E	-.7506			226E	-.7708			327E	-.6524		
124E	-.6169			227E	-.7374			328E	-.6330		
125E	-.6292			228E	-.7339			329E	-.5891		
126E	-.6547			229E	-.6952			330E	-.5487		
127E	-.6512			259E	-.6662						
128E	-.6248			260E	-.6143						

RUN NUMBER 40 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

				UNCORRECTED				CORRECTED FOR STRUT INTERFERENCE				
MACH	Q,PSF	R	ALPHA,DEG	CL	CD	CM	L/D	CL	CD	CM	L/D	ISUBT
.201	266.00	4.08	-5.58	-.2320	.1270	-.2128	-1.83	-.3254	.1341	-.2778	-2.43	OFF
.201	265.50	4.07	-4.28	-.1380	.1059	-.1838	-1.30	-.2327	.1110	-.2488	-2.10	OFF
.201	265.80	4.06	-2.15	.0220	.0761	-.1333	.29	-.0740	.0784	-.1974	-.94	OFF
.201	264.60	4.05	.41	.2660	.0490	-.1107	5.43	.1684	.0483	-.1726	3.49	OFF
.201	265.80	4.05	1.99	.4140	.0459	-.0948	9.02	.3110	.0437	-.1468	7.12	OFF
.200	264.10	4.03	4.34	.6240	.0502	-.0596	12.43	.5135	.0474	-.1260	10.83	OFF
.200	262.60	4.02	6.20	.7880	.0586	-.0275	13.45	.6772	.0573	-.1029	11.81	OFF
.200	262.70	4.01	8.44	.9800	.0729	.0009	13.44	.8706	.0743	-.0708	11.72	OFF
.200	262.10	4.00	10.35	1.1860	.0831	.0368	14.27	1.0842	.0856	-.0304	12.67	OFF
.199	261.80	4.00	12.46	1.3630	.1010	.0779	13.50	1.2778	.1041	.0192	12.27	OFF
.201	266.00	4.02	14.48	1.5330	.1198	.1259	12.80	1.4621	.1231	.0759	11.88	OFF
.201	265.30	4.00	16.97	1.7170	.1339	.1951	12.82	1.6569	.1364	.1480	12.15	OFF
.200	264.90	4.00	18.55	1.7850	.2063	.2440	8.65	1.7313	.2080	.1995	8.32	OFF
.200	262.80	3.99	20.89	1.7450	.2540	.1718	6.87	1.6978	.2544	.1316	6.67	OFF
.201	266.70	4.03	22.75	1.7870	.3263	.2240	5.48	1.7418	.3263	.1876	5.34	OFF
.201	266.90	4.03	24.60	1.8290	.3889	.2632	4.70	1.7840	.3889	.2294	4.59	OFF
.202	268.40	4.05	26.72	1.9240	.4865	.3100	3.94	1.8790	.4885	.2787	3.85	OFF
.201	267.80	4.05	28.74	1.9220	.5501	.3445	3.49	1.8770	.5501	.3152	3.41	OFF
.202	268.30	4.06	31.00	1.9000	.6217	.3621	3.06	1.8550	.6217	.3348	2.98	OFF
.201	267.00	4.01	.63	.2670	.0490	-.1069	5.86	.1890	.0480	-.1680	3.93	OFF
.201	266.30	4.00	-.05	.2630	.0495	-.1079	5.31	.1661	.0494	-.1710	3.36	OFF

CLIMB WING CONFIGURATION, ASPECT RATIO 12, INBOARD SLATS -50, OUTBOARD SLATS -50

Table 99 . Tabulated longitidinal data for run 40.

TABLE 100 .- TABULATED PRESSURE DATA FOR RUN 27 AT ALPHA = -6.18 DEGREES AND QINF = 13.07 KN/SQM (272.90 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	-.7351			214A	-.7491	260E	-.1214	313A	-.3926		
111A	-.8141			213A	-.7508			312A	-.3753		
110A	-1.2945			212A	-.7317			311A	-.3474		
109A	-1.8536			211A	-.7065			310A	-.5219		
108A	-1.9396			210A	-1.1426			309A	-1.1782		
101A	-.7346			208A	-2.8563			308A	-2.3121		
102A	.4297			201A	-1.5715			301A	-2.0716		
103A	.7717			202A	.4488			302A	-.0652		
104A	.6806			203A	.7613			303A	.7344		
105A	.5200			204A	.6815			304A	.6832		
106A	.3733			205A	.5269			305A	.5573		
107A	.2057			206A	.3620			345E	-.1449		
165E	.1117			264E	.0232			344E	-.1553		
164E	.1004			263E	.0648			343E	-.1579		
156E	.0917			262E	.0388			342E	-.1744		
155E	.0787			255E	.0206			341E	-.1892		
154E	.0405			254E	.0006			340E	-.1953		
153E	.0084			253E	-.0350			339E	-.2144		
139E	-.0167			252E	-.0818			338E	-.2405		
138E	-.0419			238E	-.1616			337E	-.2588		
137E	-.1408			237E	-.2162			336E	-.2988		
136E	-.2579			236E	-.3057			335E	-.3405		
135E	-.3716			235E	-.4109			334E	-.3466		
133E	-.6423			234E	-.5396			333E	-.3474		
132E	-.6718			233E	-.6474			332E	-.3483		
131E	-.6891			232E	-.6926			331E	-.3492		
130E	-.9269			231E	-.7056			315E	-.5427		
116E	-1.0792			230E	-.8925			317E	.2665		
117E	.7075			215E	-1.1577			318E	-.0496		
118E	.0963			219E	-.0322			320E	-.1147		
120E	-.3343			221E	-.0979			321E	-.1232		
121E	-.2414			222E	-.1145			322E	-.1788		
122E	-.2179			223E	-.1301			323E	-.1814		
123E	-.2353			224E	-.1718			325E	-.2709		
124E	-.2310			225E	-.2170			326E	-.3153		
125E	-.2683			226E	-.2170			327E	-.3022		
126E	-.2197			227E	-.2640			328E	-.2796		
127E	-.1805			228E	-.2605			329E	-.2483		
128E	-.1371			229E	-.2318			330E	-.1753		
129E	-.0919			259E	-.1979						

TABLE 101 .- TABULATED PRESSURE DATA FOR RUN 27 AT ALPHA = -4.09 DEGREES AND QINF = 13.10 KN/SQM (273.70 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	-.6521			214A	-.6352	260E	-.0899	313A	-.5102		
111A	-.6790			213A	-.6464			312A	-.4920		
110A	-1.0882			212A	-.6256			311A	-.4747		
109A	-1.4392			211A	-.6091			310A	-.7382		
108A	-1.3465			210A	-1.0362			309A	-1.3534		
101A	-.2295			208A	-2.0137			308A	-2.2416		
102A	.6284			201A	-.8213			301A	-1.8681		
103A	.7419			202A	.6604			302A	.1457		
104A	.5556			203A	.7324			303A	.7532		
105A	.3658			204A	.5781			304A	.6163		
106A	.2246			205A	.4092			305A	.4750		
107A	.0807			206A	.2220			345E	.0571		
165E	.1809			264E	.0485			344E	.0450		
164E	.1827			263E	.1290			343E	.0354		
156E	.1749			262E	.1212			342E	.0207		
155E	.1662			255E	.1143			341E	-.0114		
154E	.1324			254E	.0900			340E	-.0340		
153E	.1004			253E	.0536			339E	-.0704		
139E	.0831			252E	.0190			338E	-.1259		
138E	.0441			238E	-.0598			337E	-.1849		
137E	-.0468			237E	-.1103			336E	-.2656		
136E	-.1810			236E	-.1893			335E	-.3810		
135E	-.2607			235E	-.2561			334E	-.4616		
133E	-.5785			234E	-.3792			333E	-.4764		
132E	-.5976			233E	-.5310			332E	-.4825		
131E	-.5889			232E	-.6213			331E	-.4920		
130E	-.7084			231E	-.6065			315E	-.6532		
116E	-.8508			230E	-.6967			317E	.2064		
117E	.6613			215E	-.9188			318E	-.1368		
118E	-.0752			219E	-.1879			320E	-.1766		
120E	-.5215			221E	-.2017			321E	-.1641		
121E	-.3717			222E	-.1965			322E	-.2023		
122E	-.3118			223E	-.2139			323E	-.1971		
123E	-.2945			224E	-.2416			325E	-.2639		
124E	-.2980			225E	-.2806			326E	-.2855		
125E	-.2685			226E	-.2746			327E	-.2491		
126E	-.2442			227E	-.2962			328E	-.1849		
127E	-.1931			228E	-.2746			329E	-.1068		
128E	-.1488			229E	-.2312			330E	-.0157		
129E	-.0890			259E	-.1800						

TABLE 102.- TABULATED PRESSURE DATA FOR RUN 27 AT ALPHA = .05 DEGREES AND QINF = 13.15 KN/SQM (274.70 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	-.3571			214A	-.3599	260E	-.0480	313A	-.3348		
111A	-.3917			213A	-.3512			312A	-.3287		
110A	-.5986			212A	-.3478			311A	-.3305		
109A	-.6409			211A	-.3409			310A	-.5830		
108A	-.2866			210A	-.6539			309A	-.9218		
101A	.4609			208A	-.5562			308A	-1.1361		
102A	.7253			201A	.3088			301A	-.5727		
103A	.4687			202A	.7297			302A	.6873		
104A	.1524			203A	.4393			303A	.6441		
105A	.0029			204A	.2302			304A	.3192		
106A	-.0870			205A	.0763			305A	.1991		
107A	-.1112			206A	-.0861			345E	.2578		
165E	.2343			264E	.0107			344E	.2639		
164E	.2542			263E	.2766			343E	.2561		
156E	.2542			262E	.2913			342E	.2388		
155E	.2516			255E	.2896			341E	.1679		
154E	.2283			254E	.2749			340E	.1090		
153E	.2093			253E	.2361			339E	.0459		
139E	.1825			252E	.1817			338E	-.0605		
138E	.1437			238E	.0470			337E	-.0640		
137E	.0521			237E	-.0441			336E	-.0242		
136E	-.0903			236E	-.0709			335E	-.0536		
135E	-.1085			235E	-.0225			334E	-.2794		
133E	-.3416			234E	.0139			333E	-.3677		
132E	-.4063			233E	-.2310			332E	-.3530		
131E	-.3778			232E	-.4490			331E	-.3478		
130E	-.3787			231E	-.3902			315E	-.3238		
116E	-.4526			230E	-.3781			317E	.0902		
117E	.7210			215E	-.3616			318E	-.3635		
118E	-.4620			219E	-.4664			320E	-.3739		
120E	-.9132			221E	-.4596			321E	-.3253		
121E	-.6386			222E	-.3999			322E	-.3357		
122E	-.5167			223E	-.3722			323E	-.3106		
123E	-.4371			224E	-.3766			325E	-.3184		
124E	-.4120			225E	-.3714			326E	-.3106		
125E	-.3117			226E	-.3558			327E	-.2405		
126E	-.3005			227E	-.3420			328E	-.1488		
127E	-.2313			228E	-.2918			329E	-.0597		
128E	-.1692			229E	-.2062			330E	.0216		
129E	-.0938			259E	-.1344						

TABLE 103 .- TABULATED PRESSURE DATA FOR RUN 27 AT ALPHA = 4.22 DEGREES AND QINF = 13.12 KN/SQM (274.00 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	-.2251			214A	-.4232	260E	-.0544	313A	-.3416		
111A	-.2199			213A	-.4432			312A	-.3477		
110A	-.2794			212A	-.4441			311A	-.3251		
109A	-.1095			211A	-.4163			310A	-.3496		
108A	.3213			210A	-.4302			309A	-.3964		
101A	.7045			208A	.2867			308A	-.2308		
102A	.4332			201A	.7287			301A	.3144		
103A	-.0488			202A	.3474			302A	.7270		
104A	-.3704			203A	-.1034			303A	.1653		
105A	-.4102			204A	-.2178			304A	-.1519		
106A	-.4094			205A	-.2785			305A	-.1658		
107A	-.2724			206A	-.3842			345E	.3114		
165E	.2714			264E	-.0795			344E	.3401		
164E	.3026			263E	.3277			343E	.3375		
156E	.3199			262E	.3624			342E	.3149		
155E	.3208			255E	.3624			341E	.2281		
154E	.3078			254E	.3529			340E	.1369		
153E	.2853			253E	.2991			339E	.0709		
139E	.2575			252E	.2229			338E	-.0542		
138E	.2073			238E	.0765			337E	-.0437		
137E	.1103			237E	-.0108			336E	.0223		
136E	-.0397			236E	-.0281			335E	.1152		
135E	-.0119			235E	.0335			334E	.2524		
133E	.2896			234E	.0987			333E	.6553		
132E	-.1514			233E	.2628			332E	-.0542		
131E	-.3282			232E	.6484			331E	-.6508		
130E	-.3732			231E	.2168			315E	-.4753		
116E	-.2612			230E	-1.2221			317E	-.6530		
117E	-.4042			215E	-1.2847			318E	-.8003		
118E	-.9537			219E	-.9841			320E	-.6521		
120E	-1.2693			221E	-.7501			321E	-.5353		
121E	-.9360			222E	-.6251			322E	-.4866		
122E	-.7119			223E	-.5660			323E	-.4302		
123E	-.5790			224E	-.5234			325E	-.3772		
124E	-.5234			225E	-.4739			326E	-.3338		
125E	-.3593			226E	-.4227			327E	-.2478		
126E	-.3202			227E	-.3645			328E	-.1323		
127E	-.2290			228E	-.2802			329E	-.0646		
128E	-.1604			229E	-.1786			330E	-.0160		
129E	-.0874			259E	-.1152						

TABLE 104 .- TABULATED PRESSURE DATA FOR RUN 27 AT ALPHA = 8.36 DEGREES AND QINF = 13.13 KN/SQM (274.30 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	-.1775			214A	-.3698	260E	-.0543	313A	-.3090		
111A	-.1082			213A	-.3750			312A	-.2977		
110A	-.0117			212A	-.3672			311A	-.2214		
109A	.3276			211A	-.3559			310A	-.0594		
108A	.6590			210A	-.0611			309A	.1297		
101A	.5714			208A	.7406			308A	.4846		
102A	-.2590			201A	.5879			301A	.7310		
103A	-.8247			202A	-.6833			302A	.1315		
104A	-1.0815			203A	-1.0711			303A	-.8229		
105A	-.9357			204A	-.9479			304A	-.8707		
106A	-.8021			205A	-.7987			305A	-.6841		
107A	-.4525			206A	-.8334			345E	.3134		
165E	.2921			264E	-.0796			344E	.3463		
164E	.3311			263E	.3553			343E	.3437		
156E	.3545			262E	.3952			342E	.3246		
155E	.3597			255E	.3987			341E	.2378		
154E	.3475			254E	.3935			340E	.1641		
153E	.3259			253E	.3449			339E	.1059		
139E	.3086			252E	.2756			338E	.0035		
138E	.2635			238E	.1465			337E	.0382		
137E	.1691			237E	.0816			336E	.1215		
136E	.0382			236E	.0911			335E	.2196		
135E	.0859			235E	.1667			334E	.3403		
133E	.4195			234E	.2465			333E	.5842		
132E	.7340			233E	.3880			332E	.7674		
131E	.1500			232E	.6172			331E	.5113		
130E	-.8326			231E	.7917			315E	-1.0850		
116E	-.3579			230E	.1189			317E	-1.2984		
117E	-.9158			215E	-2.0364			318E	-1.3644		
118E	-1.6819			219E	-1.6047			320E	-.9609		
120E	-1.7600			221E	-1.0782			321E	-.7344		
121E	-1.2449			222E	-.8637			322E	-.6554		
122E	-.9097			223E	-.7464			323E	-.5564		
123E	-.7117			224E	-.6770			325E	-.4661		
124E	-.6257			225E	-.5988			326E	-.3993		
125E	-.3999			226E	-.5180			327E	-.2917		
126E	-.3478			227E	-.4251			328E	-.1571		
127E	-.2523			228E	-.3209			329E	-.0773		
128E	-.1741			229E	-.1950			330E	-.0269		
129E	-.0977			259E	-.1194						

TABLE 105.- TABULATED PRESSURE DATA FOR RUN 27 AT ALPHA = 12.77 DEGREES AND QINF = 13.10 KN/SQM (273.60 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	-.0574			214A	-.0019	260E	-.0622	313A	-.0027		
111A	.1469			213A	-.0358			312A	.0016		
110A	.3237			212A	-.0149			311A	.1880		
109A	.6413			211A	.0243			310A	.4455		
108A	.6570			210A	.4299			309A	.6109		
101A	-.0984			208A	.5265			308A	.7327		
102A	-1.5997			201A	-.6076			301A	.4551		
103A	-2.1228			202A	-2.7547			302A	-1.7268		
104A	-2.1420			203A	-2.7364			303A	-2.6746		
105A	-1.6433			204A	-1.9862			304A	-2.0410		
106A	-1.3360			205A	-1.5710			305A	-1.4701		
107A	-.7773			206A	-1.4501			345E	.2987		
165E	.3208			264E	-.1113			344E	.3361		
164E	.3643			263E	.3739			343E	.3448		
156E	.3860			262E	.4173			342E	.3257		
155E	.3921			255E	.4304			341E	.2447		
154E	.3860			254E	.4217			340E	.1802		
153E	.3678			253E	.3817			339E	.1506		
139E	.3495			252E	.3252			338E	.0739		
138E	.3130			238E	.2165			337E	.1332		
137E	.2356			237E	.1784			336E	.2333		
136E	.1373			236E	.2098			335E	.3370		
135E	.2104			235E	.2969			334E	.4537		
133E	.5076			234E	.3936			333E	.6427		
132E	.6904			233E	.5278			332E	.7543		
131E	.7060			232E	.6933			331E	.6236		
130E	-.0157			231E	.7917			315E	-.8835		
116E	-.4422			230E	.3283			317E	-1.9635		
117E	-1.6424			215E	-1.2841			318E	-1.9270		
118E	-2.5771			219E	-2.2229			320E	-1.2594		
120E	-2.3213			221E	-1.4258			321E	-.9653		
121E	-1.6044			222E	-1.1130			322E	-.8381		
122E	-1.1313			223E	-.9353			323E	-.7075		
123E	-.8595			224E	-.8246			325E	-.5367		
124E	-.7392			225E	-.6939			326E	-.4470		
125E	-.4517			226E	-.5876			327E	-.3102		
126E	-.3942			227E	-.4560			328E	-.1587		
127E	-.2783			228E	-.3306			329E	-.0820		
128E	-.1885			229E	-.1807			330E	-.0472		
129E	-.0962			259E	-.1093						

TABLE 106 .- TABULATED PRESSURE DATA FOR RUN 27 AT ALPHA = 14.59 DEGREES AND QINF = 13.11 KN/SQM (273.80 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	.0437			214A	.1938	260E	-.0630	313A	.1547		
111A	.3775			213A	.0998			312A	.1016		
110A	.4748			212A	.0998			311A	.3105		
109A	.7078			211A	.1590			310A	.5565		
108A	.5356			210A	.5774			309A	.6887		
101A	-.5461			208A	.1835			308A	.6556		
102A	-2.2870			201A	-1.3809			301A	.0965		
103A	-2.7226			202A	-3.8450			302A	-2.8139		
104A	-2.6165			203A	-3.5692			303A	-3.6175		
105A	-1.9513			204A	-2.5000			304A	-2.4956		
106A	-1.5635			205A	-1.9417			305A	-1.8139		
107A	-.9357			206A	-1.7244			345E	.2983		
165E	.3271			264E	-.1093			344E	.3366		
164E	.3740			263E	.3862			343E	.3409		
156E	.3984			262E	.4288			342E	.3279		
155E	.4070			255E	.4401			341E	.2495		
154E	.4018			254E	.4401			340E	.1999		
153E	.3827			253E	.4018			339E	.1712		
139E	.3662			252E	.3497			338E	.1068		
138E	.3306			238E	.2523			337E	.1738		
137E	.2653			237E	.2234			336E	.2713		
136E	.1767			236E	.2583			335E	.3775		
135E	.2610			235E	.3514			334E	.4933		
133E	.5496			234E	.4506			333E	.6587		
132E	.7009			233E	.5786			332E	.7492		
131E	.7148			232E	.7231			331E	.6308		
130E	.1384			231E	.7910			315E	-.7948		
116E	-.3913			230E	.3592			317E	-2.2122		
117E	-1.8687			215E	-1.0214			318E	-2.1617		
118E	-2.8695			219E	-2.4730			320E	-1.3687		
120E	-2.5052			221E	-1.5638			321E	-1.0493		
121E	-1.7118			222E	-1.2251			322E	-.9083		
122E	-1.1999			223E	-1.0145			323E	-.7603		
123E	-.9039			224E	-.8813			325E	-.5688		
124E	-.7594			225E	-.7481			326E	-.4652		
125E	-.4608			226E	-.6114			327E	-.3250		
126E	-.3842			227E	-.4660			328E	-.1613		
127E	-.2710			228E	-.3294			329E	-.0917		
128E	-.1761			229E	-.1718			330E	-.0708		
129E	-.0882			259E	-.1091						

TABLE 107 .- TABULATED PRESSURE DATA FOR RUN 27 AT ALPHA = 16.68 DEGREES AND QINF = 13.05 KN/SQM (272.60 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	.1636			214A	.4697	260E	-.0746	313A	.3791		
111A	.6286			213A	.2420			312A	.2394		
110A	.5940			212A	.2218			311A	.4046		
109A	.7310			211A	.2912			310A	.6414		
108A	.2972			210A	.6923			309A	.7231		
101A	-1.1526			208A	-.3869			308A	.4535		
102A	-3.1898			201A	-2.5541			301A	-.5221		
103A	-3.4709			202A	-5.2810			302A	-4.3124		
104A	-3.2168			203A	-4.5761			303A	-4.8529		
105A	-2.3451			204A	-3.1071			304A	-3.1559		
106A	-1.8577			205A	-2.3512			305A	-2.2783		
107A	-1.1368			206A	-2.0298			345E	.2904		
165E	.3250			264E	-.1259			344E	.3246		
164E	.3741			263E	.3873			343E	.3343		
156E	.3952			262E	.4373			342E	.3238		
155E	.4075			255E	.4505			341E	.2499		
154E	.4031			254E	.4478			340E	.1972		
153E	.3891			253E	.4198			339E	.1840		
139E	.3715			252E	.3654			338E	.1269		
138E	.3399			238E	.2794			337E	.1972		
137E	.2811			237E	.2622			336E	.3097		
136E	.2145			236E	.3097			335E	.4204		
135E	.3022			235E	.3976			334E	.5356		
133E	.5847			234E	.5048			333E	.6753		
132E	.7128			233E	.6235			332E	.7421		
131E	.7093			232E	.7456			331E	.6367		
130E	.1934			231E	.7905			315E	-.7548		
116E	-.3772			230E	.3800			317E	-2.5286		
117E	-2.1071			215E	-.8100			318E	-2.4487		
118E	-3.1776			219E	-2.6990			320E	-1.5126		
120E	-2.6893			221E	-1.6983			321E	-1.1563		
121E	-1.8179			222E	-1.3212			322E	-.9937		
122E	-1.2693			223E	-1.0882			323E	-.8250		
123E	-.9388			224E	-.9353			325E	-.6105		
124E	-.7858			225E	-.7691			326E	-.4936		
125E	-.4667			226E	-.6284			327E	-.3380		
126E	-.4008			227E	-.4568			328E	-.1772		
127E	-.2830			228E	-.3190			329E	-.1122		
128E	-.1863			229E	-.1704			330E	-.1007		
129E	-.1036			259E	-.1107						

TABLE 108 .- TABULATED PRESSURE DATA FOR RUN 27 AT ALPHA = 18.67 DEGREES AND QINF = 13.14 KN/SQM (274.40 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	.1988			214A	.5857	260E	-.0717	313A	.5483		
111A	.6961			213A	.3673			312A	.3395		
110A	.6376			212A	.3168			311A	.4952		
109A	.6958			211A	.3769			310A	.6949		
108A	.1640			210A	.7418			309A	.7097		
101A	-1.3368			208A	-.8232			308A	.2109		
102A	-3.4802			201A	-3.3640			301A	-1.0961		
103A	-3.5836			202A	-6.2042			302A	-5.6823		
104A	-3.2839			203A	-5.1734			303A	-5.9355		
105A	-2.3144			204A	-3.4794			304A	-3.6749		
106A	-1.8174			205A	-2.5586			305A	-2.6168		
107A	-1.0883			206A	-2.1832			345E	.2916		
165E	.2612			264E	-.1311			344E	.3247		
164E	.3342			263E	.3984			343E	.3360		
156E	.3654			262E	.4522			342E	.3281		
155E	.3776			255E	.4574			341E	.2603		
154E	.3810			254E	.4618			340E	.2133		
153E	.3671			253E	.4349			339E	.2098		
139E	.3602			252E	.3793			338E	.1602		
138E	.3272			238E	.3047			337E	.2429		
137E	.2699			237E	.2890			336E	.3508		
136E	.2126			236E	.3360			335E	.4630		
135E	.3203			235E	.4343			334E	.5709		
133E	.5981			234E	.5396			333E	.6971		
132E	.7161			233E	.6536			332E	.7415		
131E	.7135			232E	.7624			331E	.6440		
130E	.2474			231E	.7885			315E	-.7528		
116E	-.3044			230E	.3943			317E	-2.7255		
117E	-2.0320			215E	-.7004			318E	-2.6438		
118E	-2.9480			219E	-2.8106			320E	-1.6045		
120E	-2.3761			221E	-1.7329			321E	-1.2007		
121E	-1.6416			222E	-1.3285			322E	-1.0337		
122E	-1.1328			223E	-1.0936			323E	-.8509		
123E	-.8562			224E	-.9449			325E	-.6212		
124E	-.7431			225E	-.7692			326E	-.5037		
125E	-.4700			226E	-.6240			327E	-.3471		
126E	-.4509			227E	-.4474			328E	-.1844		
127E	-.3648			228E	-.2978			329E	-.1304		
128E	-.2682			229E	-.1569			330E	-.1078		
129E	-.2125			259E	-.1021						

TABLE 109 .- TABULATED PRESSURE DATA FOR RUN 27 AT ALPHA = 20.77 DEGREES AND QINF = 12.96 KN/SQM (270.70 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	.2723			214A	.6408	260E	-.0950	313A	.6567		
111A	.7075			213A	.4948			312A	.4720		
110A	.6466			212A	.3928			311A	.5696		
109A	.6861			211A	.4298			310A	.7230		
108A	.0951			210A	.7652			309A	.6466		
101A	-1.6386			208A	-1.4322			308A	-.1772		
102A	-3.4315			201A	-4.4072			301A	-1.9626		
103A	-3.5569			202A	-7.4840			302A	-7.4335		
104A	-3.2270			203A	-5.7023			303A	-7.3360		
105A	-2.2244			204A	-3.9355			304A	-4.3385		
106A	-1.7185			205A	-2.8593			305A	-3.0573		
107A	-1.0563			206A	-2.4202			345E	.2820		
165E	.1564			264E	-.1515			344E	.3313		
164E	.2459			263E	.3995			343E	.3418		
156E	.2837			262E	.4513			342E	.3348		
155E	.3126			255E	.4618			341E	.2662		
154E	.3337			254E	.4653			340E	.2266		
153E	.3161			253E	.4337			339E	.2293		
139E	.3188			252E	.3898			338E	.1791		
138E	.2907			238E	.3126			337E	.2706		
137E	.2477			237E	.3066			336E	.3840		
136E	.2038			236E	.3603			335E	.4904		
135E	.3179			235E	.4632			334E	.5995		
133E	.6004			234E	.5652			333E	.7041		
132E	.7084			233E	.6760			332E	.7340		
131E	.7084			232E	.7657			331E	.6276		
130E	.3126			231E	.7798			315E	-.7999		
116E	-.2668			230E	.3832			317E	-2.9876		
117E	-1.8862			215E	-.6449			318E	-2.8760		
119E	-2.6863			219E	-2.9824			320E	-1.7334		
120E	-2.1690			221E	-1.8183			321E	-1.3009		
121E	-1.5035			222E	-1.3813			322E	-1.0987		
122E	-1.0217			223E	-1.1430			323E	-.9113		
123E	-.7738			224E	-.9786			325E	-.6519		
124E	-.7175			225E	-.7878			326E	-.5253		
125E	-.4405			226E	-.6304			327E	-.3547		
126E	-.5117			227E	-.4520			328E	-.2078		
127E	-.5311			228E	-.3007			329E	-.1612		
128E	-.5504			229E	-.1732			330E	-.1427		
129E	-.5557			259E	-.1275						

TABLE 110 .- TABULATED PRESSURE DATA FOR RUN 27 AT ALPHA = 25.03 DEGREES AND QINF = 12.96 KN/SQM (270.70 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	.3034			214A	.6606	260E	-.1673	313A	.6527		
111A	.7387			213A	.6859			312A	.7033		
110A	.7159			212A	.6057			311A	.6641		
109A	.5365			211A	.5446			310A	.6950		
108A	-.4894			210A	.7569			309A	.3928		
101A	-2.5952			208A	-2.5952			308A	-1.0982		
102A	-4.7814			201A	-6.3470			301A	-3.7413		
103A	-4.2825			202A	-9.5336			302A	-10.8970		
104A	-3.6982			203A	-6.7768			303A	-9.4775		
105A	-2.4376			204A	-4.5725			304A	-5.3243		
106A	-1.8593			205A	-3.2312			305A	-3.7353		
107A	-1.2105			206A	-2.5874			345E	.2743		
165E	.1615			264E	-.2354			344E	.3283		
164E	.2469			263E	.3766			343E	.3458		
156E	.3130			262E	.4340			342E	.3432		
155E	.3217			255E	.4479			341E	.2804		
154E	.3348			254E	.4549			340E	.2507		
153E	.3356			253E	.4297			339E	.2612		
139E	.3478			252E	.3905			338E	.2368		
138E	.3226			238E	.3296			337E	.3370		
137E	.2930			237E	.3353			336E	.4504		
136E	.2765			236E	.4077			335E	.5568		
135E	.3966			235E	.5202			334E	.6510		
133E	.6647			234E	.6179			333E	.7182		
132E	.7309			233E	.7295			332E	.7182		
131E	.7178			232E	.7853			331E	.5725		
130E	.3931			231E	.7679			315E	-.9379		
116E	-.2325			230E	.3588			317E	-3.3150		
117E	-1.9743			215E	-.5978			318E	-3.1320		
118E	-2.8391			219E	-3.0690			320E	-1.8602		
120E	-2.2016			221E	-1.7836			321E	-1.3818		
121E	-1.4504			222E	-1.3413			322E	-1.1394		
122E	-.9959			223E	-1.0893			323E	-.9213		
123E	-.7063			224E	-.9008			325E	-.5812		
124E	-.6226			225E	-.7491			326E	-.4408		
125E	-.4630			226E	-.5860			327E	-.2996		
126E	-.5703			227E	-.4656			328E	-.2237		
127E	-.5336			228E	-.3409			329E	-.2150		
128E	-.5389			229E	-.2405			330E	-.2176		
129E	-.5615			259E	-.1908						

TABLE /// .- TABULATED PRESSURE DATA FOR RUN 27 AT ALPHA = 26.69 DEGREES AND QINF = 12.88 KN/SQM (269.00 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	.5010			214A	.6602	260E	-.2296	313A	.6515		
111A	.7322			213A	.7386			312A	.6445		
110A	.7086			212A	.7369			311A	.6114		
109A	.3147			211A	.6898			310A	.6895		
108A	-1.1140			210A	.6929			309A	.5016		
101A	-3.6787			208A	-3.7459			308A	-.6070		
102A	-6.1597			201A	-8.0814			301A	-2.7339		
103A	-5.1532			202A	-11.3780			302A	-7.5023		
104A	-4.0648			203A	-7.5273			303A	-6.2312		
105A	-2.8017			204A	-4.9403			304A	-3.4064		
106A	-1.9974			205A	-3.3607			305A	-2.4470		
107A	-1.3809			206A	-2.7104			345E	.1525		
165E	.1655			264E	-.2960			344E	.2492		
164E	.2646			263E	.3541			343E	.2700		
156E	.2976			262E	.4167			342E	.2700		
155E	.3246			255E	.4445			341E	.2039		
154E	.3576			254E	.4445			340E	.1830		
153E	.3602			253E	.4254			339E	.1986		
139E	.3619			252E	.3863			338E	.1673		
138E	.3393			238E	.3411			337E	.2805		
137E	.3237			237E	.3606			336E	.4103		
136E	.3289			236E	.4477			335E	.5209		
135E	.4558			235E	.5627			334E	.6167		
133E	.7096			234E	.6776			333E	.6968		
132E	.7496			233E	.7621			332E	.7072		
131E	.7218			232E	.7952			331E	.5932		
130E	.4063			231E	.7560			315E	-.7253		
116E	-.2757			230E	.3310			317E	-1.9131		
117E	-2.0957			215E	-.6069			318E	-1.6574		
118E	-2.9626			219E	-2.9626			320E	-.9253		
120E	-2.1078			221E	-1.6715			321E	-.6749		
121E	-1.3476			222E	-1.2596			322E	-.6409		
122E	-.9531			223E	-.9888			323E	-.6008		
123E	-.7607			224E	-.8443			325E	-.5747		
124E	-.6771			225E	-.6562			326E	-.6113		
125E	-.4768			226E	-.5665			327E	-.6514		
126E	-.5935			227E	-.4420			328E	-.6522		
127E	-.5691			228E	-.3898			329E	-.6279		
128E	-.5718			229E	-.2957			330E	-.5817		
129E	-.5308			259E	-.2670						

RUN NUMBER 27 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

				UNCORRECTED				CORRECTED FOR STRUT INTERFERENCE				
MACH	Q,PSF	E	ALPHA,DEG	CL	CD	CM	L/D	CL	CD	CM	L/D	ISUBT
.205	272.90	4.30	-6.18	-.2910	.0932	-.1918	-3.12	-.3838	.1012	-.2568	-3.79	OFF
.205	273.70	4.30	-4.09	-.1080	.0680	-.1701	-1.59	-.2029	.0728	-.2351	-2.79	OFF
.206	275.40	4.30	-2.10	.0670	.0526	-.1482	1.27	-.0290	.0548	-.2123	-.53	OFF
.206	274.70	4.29	.05	.2820	.0425	-.1220	6.64	.1849	.0422	-.1849	4.38	OFF
.205	274.40	4.28	2.25	.4920	.0415	-.0914	11.86	.3679	.0392	-.1430	9.90	OFF
.205	273.60	4.27	4.22	.6710	.0475	-.0599	14.13	.5606	.0447	-.1255	12.54	OFF
.205	274.00	4.27	4.22	.6700	.0472	-.0589	14.19	.5596	.0444	-.1245	12.60	OFF
.205	273.80	4.26	6.22	.8650	.0563	-.0232	15.36	.7542	.0551	-.0986	13.69	OFF
.205	274.30	4.26	8.36	1.0690	.0711	.0136	15.04	.9594	.0724	-.0583	13.25	OFF
.205	274.90	4.26	10.59	1.2880	.0910	.0547	14.15	1.1879	.0935	-.0119	12.70	OFF
.205	273.60	4.25	12.77	1.4990	.1136	.1022	13.20	1.4162	.1168	.0439	12.13	OFF
.205	273.80	4.24	14.59	1.6570	.1359	.1414	12.19	1.5868	.1392	.0878	11.40	OFF
.204	272.60	4.22	16.68	1.8210	.1443	.1630	12.62	1.7597	.1470	.1350	11.97	OFF
.205	274.40	4.23	18.67	1.8330	.2072	.1556	8.85	1.7797	.2088	.1112	8.52	OFF
.203	270.70	4.21	20.77	1.8780	.2861	.1502	6.56	1.8306	.2866	.1098	6.39	OFF
.203	270.50	4.21	22.84	1.9450	.3685	.1620	5.28	1.8999	.3685	.1258	5.16	OFF
.203	270.70	4.22	25.03	1.9810	.4490	.2198	4.41	1.9360	.4490	.1868	4.31	OFF
.203	270.30	4.22	26.79	1.9490	.5221	.2932	3.73	1.9040	.5221	.2620	3.65	OFF
.203	269.00	4.22	28.69	1.9570	.5730	.3704	3.42	1.9120	.5730	.3411	3.34	OFF
.202	268.10	4.22	30.89	1.9390	.6548	.4429	2.96	1.8940	.6548	.4155	2.89	OFF
.205	274.80	4.23	-.04	.3030	.0419	-.1183	7.23	.2061	.0417	-.1814	4.94	OFF

CLIMB WING CONFIGURATION, ASPECT RATIO 10, INBOARD SLATS -30, OUTBOARD SLATS -30

Table 112 . Tabulated longitidinal data for run 27.

TABLE 113 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = -6.11 DEGREES AND QINF = 13.00 KN/SQM (271.50 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	-.6253	129E	-.0965	214A	-.8258			313A	-.4905		
111A	-.7409			213A	-.8345			312A	-.4226		
110A	-.9334			212A	-.8397			311A	-.4522		
109A	-1.2650			211A	-.8145			310A	-.5400		
108A	-3.0339			210A	-.9421			309A	-.5382		
101A	-2.4660			208A	-3.1288			301A	-.5374		
102A	-.8080			201A	-2.7254			302A	-.3485		
103A	.3469			202A	-.3798			303A	.5062		
104A	.7446			203A	.5671			304A	.7142		
105A	.7690			204A	.7716			305A	.6907		
106A	.6628			205A	.7316			345E	-.1604		
107A	.4174			206A	.5862			344E	-.1900		
165E	.0968			264E	-.1378			343E	-.1865		
164E	.0968			263E	-.1622			342E	-.2074		
156E	.0777			262E	-.2117			341E	-.2362		
155E	.0716			255E	-.2230			340E	-.2423		
154E	.0316			254E	-.2447			339E	-.2710		
153E	-.0075			253E	-.3177			338E	-.2571		
139E	-.0292			252E	-.3603			337E	-.3120		
138E	-.0753			238E	-.5063			336E	-.3642		
137E	-.1656			237E	-.5306			335E	-.4199		
136E	-.2803			236E	-.5985			334E	-.5732		
135E	-.4089			235E	-.6603			333E	-.5802		
133E	-.7365			234E	-.6725			332E	-.5236		
132E	-.6775			233E	-.6812			331E	-.5236		
131E	-.7009			232E	-.7152			315E	-.4216		
130E	-1.0581			231E	-.8772			317E	.0997		
115E	-1.1789			230E	-1.5626			318E	-.2458		
116E	-.8663			219E	-.1823			320E	-.2423		
117E	.4949			221E	-.1836			321E	-.2249		
118E	-.0517			222E	-.1723			322E	-.2728		
120E	-.3824			223E	-.1967			323E	-.2728		
121E	-.2655			224E	-.2272			325E	-.3485		
122E	-.2411			225E	-.2794			326E	-.3842		
123E	-.2516			226E	-.2794			327E	-.3781		
124E	-.2603			227E	-.3239			328E	-.3346		
125E	-.2786			228E	-.3169			329E	-.2902		
126E	-.2550			229E	-.3038			330E	-.1918		
127E	-.1880			259E	-.2760						
128E	-.1453			260E	-.2402						

TABLE 114.- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = -4.14 DEGREES AND QINF = 13.03 KN/SQM (272.20 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	-.5460	129E	-.0771	214A	-.8602			313A	-.4435		
111A	-.6102			213A	-.8228			312A	-.4592		
110A	-.6235			212A	-.7575			311A	-.4670		
109A	-1.6870			211A	-.7166			310A	-.5331		
108A	-2.9198			210A	-.8824			309A	-.5053		
101A	-2.0781			208A	-2.9266			301A	-.5557		
102A	-.4897			201A	-2.3996			302A	-.2264		
103A	.5122			202A	-.0917			303A	.5765		
104A	.7633			203A	.6634			304A	.7155		
105A	.7147			204A	.7738			305A	.6538		
106A	.5687			205A	.6799			345E	-.0425		
107A	.3080			206A	.5061			344E	-.0955		
165E	.2017			264E	-.0310			343E	-.1138		
164E	.2060			263E	-.0119			342E	-.1225		
156E	.2060			262E	.0315			341E	-.1651		
155E	.2078			255E	-.0553			340E	-.2130		
154E	.1739			254E	-.0675			339E	-.2521		
153E	.1461			253E	-.1231			338E	-.3060		
139E	.1192			252E	-.1752			337E	-.3687		
138E	.0784			238E	-.2577			336E	-.4261		
137E	-.0250			237E	0.0000			335E	-.4948		
136E	-.1596			236E	-.4409			334E	-.5122		
135E	-.2603			235E	-.4539			333E	-.5018		
133E	-.6458			234E	-.6801			332E	-.5131		
132E	-.5790			233E	-.7018			331E	-.5035		
131E	-.5885			232E	-.7332			315E	-.4758		
130E	-.7987			231E	-.7410			317E	.0934		
115E	-.9089			230E	-1.0420			318E	-.3115		
116E	-.7851			219E	-.3280			320E	-.2915		
117E	.3932			221E	-.2730			321E	-.2669		
118E	-.2577			222E	-.2477			322E	-.3000		
120E	-.5731			223E	-.2495			323E	-.2869		
121E	-.3879			224E	-.2799			325E	-.3330		
122E	-.3261			225E	-.3095			326E	-.3591		
123E	-.3078			226E	-.2991			327E	-.3165		
124E	-.3043			227E	-.3261			328E	-.2539		
125E	-.2660			228E	-.3026			329E	-.1825		
126E	-.2686			229E	-.2547			330E	-.1007		
127E	-.1885			259E	-.2190						
128E	-.1354			260E	-.1363						

TABLE 115 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = .18 DEGREES AND QINF = 12.99 KN/SQM (271.30 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	-.3775	129E	-.0807	214A	-.4389			313A	-.5527		
111A	-.3845			213A	-.4389			312A	-.5518		
110A	-.7611			212A	-.4415			311A	-.5553		
109A	-1.6144			211A	-.4372			310A	-.6684		
108A	-2.0646			210A	-.7550			309A	-.6474		
101A	-1.0706			208A	-2.7719			301A	-1.3853		
102A	.1936			201A	-1.7210			302A	-.0976		
103A	.7129			202A	.3256			303A	.6657		
104A	.7006			203A	.7522			304A	.6735		
105A	.5258			204A	.7076			305A	.5642		
106A	.3273			205A	.5380			345E	.2453		
107A	.0747			206A	.3247			344E	.2480		
165E	.2739			264E	-.0099			343E	.2392		
164E	.3036			263E	.2870			342E	.2191		
156E	.3124			262E	.3045			341E	.1648		
155E	.3089			255E	.2993			340E	.1115		
154E	.2949			254E	.2897			339E	.0791		
153E	.2696			253E	.2451			338E	.0100		
139E	.2399			252E	.1831			337E	-.0040		
138E	.1901			238E	.0670			336E	-.0828		
137E	.0888			237E	.0003			335E	-.3085		
136E	-.0701			236E	.0126			334E	-.5168		
135E	-.0230			235E	.0896			333E	-.6017		
133E	-.4771			234E	.0721			332E	-.5947		
132E	-.4186			233E	-.2954			331E	-.5912		
131E	-.3941			232E	-.5404			315E	-.5758		
130E	-.3950			231E	-.5028			317E	-.5242		
115E	-.3801			230E	-.5019			318E	-.5111		
116E	-.3799			219E	-.6203			320E	-.4350		
117E	-.2366			221E	-.5140			321E	-.3724		
118E	-.6606			222E	-.4308			322E	-.3584		
120E	-.9639			223E	-.3862			323E	-.3234		
121E	-.6847			224E	-.3765			325E	-.3112		
122E	-.5306			225E	-.3643			326E	-.2884		
123E	-.4404			226E	-.3442			327E	-.2193		
124E	-.4142			227E	-.3214			328E	-.1248		
125E	-.2978			228E	-.2715			329E	-.0425		
126E	-.3004			229E	-.1848			330E	.0161		
127E	-.2155			259E	-.1192						
128E	-.1489			260E	-.0404						

TABLE 116 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 4.35 DEGREES AND QINF = 12.99 KN/SQM (271.40 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	-.2108	129E	-.0935	214A	-.3215			313A	-.4117		
111A	-.1802			213A	-.4432			312A	-.4467		
110A	-.6807			212A	-.4729			311A	-.4581		
109A	-1.1145			211A	-.4449			310A	-.6273		
108A	-1.1285			210A	-.7629			309A	-1.1425		
101A	-.1961			208A	-1.6349			301A	-1.7057		
102A	.6016			201A	-.5862			302A	.1782		
103A	.6995			202A	.6952			303A	.7135		
104A	.4739			203A	.7065			304A	.5491		
105A	.2368			204A	.5176			305A	.4074		
106A	.0296			205A	.2998			345E	.3071		
107A	-.1856			206A	.0532			344E	.3368		
165E	.2742			264E	-.1024			343E	.3333		
164E	.3127			263E	.3302			342E	.3114		
156E	.3302			262E	.3660			341E	.2248		
155E	.3302			255E	.3721			340E	.1372		
154E	.3232			254E	.3581			339E	.0716		
153E	.2978			253E	.3083			338E	-.0475		
139E	.2734			252E	.2375			337E	-.0221		
138E	.2236			238E	.0855			336E	.0698		
137E	.1204			237E	.0077			335E	.2038		
136E	-.0316			236E	.0103			334E	.4515		
135E	.0129			235E	.0943			333E	.2729		
133E	.5757			234E	.2213			332E	-.4974		
132E	-.4371			233E	.5355			331E	-1.0271		
131E	-.5271			232E	-.0484			315E	-.8337		
130E	-.7202			231E	-.6121			317E	-.9859		
115E	-.5253			230E	-1.3326			318E	-.9798		
116E	-.5311			219E	-1.1372			320E	-.7104		
117E	-.9142			221E	-.8257			321E	-.5762		
118E	-1.4031			222E	-.6706			322E	-.5123		
120E	-1.3839			223E	-.5839			323E	-.4449		
121E	-1.0175			224E	-.5244			325E	-.3469		
122E	-.7538			225E	-.4701			326E	-.2909		
123E	-.6015			226E	-.4079			327E	-.2103		
124E	-.5410			227E	-.3308			328E	-.1201		
125E	-.3667			228E	-.2634			329E	-.0650		
126E	-.3308			229E	-.1732			330E	-.0405		
127E	-.2354			259E	-.1259						
128E	-.1644			260E	-.0769						

TABLE 117.- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 8.42 DEGREES AND QINF = 12.94 KN/SQM (270.20 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	-.3623	129E	-.0966	214A	-.4911			313A	-.6485		
111A	-.1534			213A	-.5808			312A	-.6388		
110A	-.5105			212A	-.5931			311A	-.6248		
109A	-.5360			211A	-.5386			310A	-.6714		
108A	-.2651			210A	-.6380			309A	-.8226		
101A	.4261			208A	-.4120			301A	-.4076		
102A	.6987			201A	.3592			302A	.7083		
103A	.4340			202A	.7110			303A	.5386		
104A	.0629			203A	.3627			304A	.1816		
105A	-.1596			204A	.1121			305A	.0391		
106A	-.3363			205A	-.0963			345E	.2977		
107A	-.4190			206A	-.3469			344E	.3337		
165E	.2724			264E	-.1437			343E	.3364		
164E	.3234			263E	.3383			342E	.3179		
156E	.3436			262E	.3787			341E	0.0000		
155E	.3497			255E	.3857			340E	.1570		
154E	.3453			254E	.3831			339E	.1042		
153E	.3242			253E	.3339			338E	.0084		
139E	.2979			252E	.2637			337E	.0523		
138E	.2549			238E	.1346			336E	.1535		
137E	.1671			237E	.0787			335E	.2827		
136E	.0407			236E	.1007			334E	.4524		
135E	.1083			235E	.1948			333E	.7558		
133E	.5955			234E	.3073			332E	.5817		
132E	.2487			233E	.5201			331E	-.8341		
131E	-.5731			232E	.7787			315E	-1.5375		
130E	-1.4870			231E	.3091			317E	-1.7143		
115E	-1.0041			230E	-1.8875			318E	-1.5498		
116E	-.8666			219E	-1.7635			320E	-1.0064		
117E	-1.7002			221E	-1.1178			321E	-.7549		
118E	-2.2102			222E	-.8775			322E	-.6538		
120E	-1.8840			223E	-.7410			323E	-.5465		
121E	-1.3080			224E	-.6504			325E	-.4014		
122E	-.9356			225E	-.5553			326E	-.3196		
123E	-.7252			226E	-.4628			327E	-.2211		
124E	-.6204			227E	-.3625			328E	-.1227		
125E	-.3898			228E	-.2621			329E	-.0831		
126E	-.3396			229E	-.1671			330E	-.0602		
127E	-.2366			259E	-.1266						
128E	-.1591			260E	-.0958						

TABLE 118 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 12.56 DEGREES AND QINF = 12.99 KN/SQM (271.30 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	-.3155	129E	-.1000	214A	-.4693			313A	-.4290		
111A	-.1481			213A	-.5650			312A	-.4395		
110A	-.2365			212A	-.5781			311A	-.4140		
109A	.0029			211A	-.5351			310A	-.2655		
108A	.3696			210A	-.2444			309A	-.1646		
101A	.6898			208A	.5038			301A	.5205		
102A	.3793			201A	.7460			302A	.6240		
103A	-.1576			202A	.1135			303A	-.1392		
104A	-.5909			203A	-.4286			304A	-.4471		
105A	-.7453			204A	-.5918			305A	-.5278		
106A	-.8620			205A	-.6979			345E	.2835		
107A	-.8427			206A	-.8716			344E	.3274		
165E	.2960			264E	-.1788			343E	.3326		
164E	.3460			263E	.3468			342E	.3177		
156E	.3687			262E	.3994			341E	.2467		
155E	.3722			255E	.4117			340E	.1712		
154E	.3722			254E	.4073			339E	.1440		
153E	.3582			253E	.3652			338E	.0703		
139E	.3372			252E	.3065			337E	.1343		
138E	.3022			238E	.2049			336E	.2493		
137E	.2303			237E	.1677			335E	.3730		
136E	.1348			236E	.2054			334E	.5353		
135E	.2207			235E	.3151			333E	.7450		
133E	.6123			234E	.4327			332E	.6459		
132E	.6718			233E	.6108			331E	-.3465		
131E	-.0456			232E	.7740			315E	-2.0796		
130E	-1.7653			231E	.4914			317E	-2.4875		
115E	-1.6269			230E	-1.7381			318E	-2.1445		
116E	-1.4225			219E	-2.5077			320E	-1.2997		
117E	-2.7077			221E	-1.4999			321E	-.9554		
118E	-3.2113			222E	-1.1354			322E	-.7975		
120E	-2.4217			223E	-.9255			323E	-.6659		
121E	-1.6281			224E	-.7973			325E	-.4412		
122E	-1.1170			225E	-.6656			326E	-.3368		
123E	-.8360			226E	-.5286			327E	-.2298		
124E	-.6972			227E	-.3951			328E	-.1552		
125E	-.4162			228E	-.2757			329E	-.1377		
126E	-.3477			229E	-.1668			330E	-.1263		
127E	-.2353			259E	-.1352						
128E	-.1598			260E	-.1088						

TABLE 119 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 14.71 DEGREES AND QINF = 13.02 KN/SQM (271.90 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	-.2611	129E	-.1050	214A	-.2485			313A	-.3203		
111A	-.0408			213A	-.4464			312A	-.3536		
110A	-.0661			212A	-.4823			311A	-.3255		
109A	.2342			211A	-.4149			310A	-.0713		
108A	.5687			210A	-.0109			309A	.1081		
101A	.6606			208A	.7158			301A	.7000		
102A	.0591			201A	.6615			302A	.3025		
103A	-.5643			202A	-.4513			303A	-.6264		
104A	-.9889			203A	-.9836			304A	-.8120		
105A	-1.0721			204A	-1.0318			305A	-.8427		
106A	-1.1360			205A	-1.0414			345E	.2708		
107A	-1.0633			206A	-1.1824			344E	.3207		
165E	.2975			264E	-.1894			343E	.3269		
164E	.3508			263E	.3535			342E	.3155		
156E	.3753			262E	.4103			341E	.2489		
155E	.3840			255E	.4225			340E	.1815		
154E	.3858			254E	.4216			339E	.1657		
153E	.3727			253E	.3867			338E	.1027		
139E	.3526			252E	.3281			337E	.1780		
138E	.3211			238E	.2398			336E	.2945		
137E	.2564			237E	.2174			335E	.4232		
136E	.1769			236E	.2656			334E	.5730		
135E	.2722			235E	.3707			333E	.7420		
133E	.6323			234E	.4889			332E	.6334		
132E	.6839			233E	.6553			331E	-.2380		
131E	.1340			232E	.7779			315E	-2.2803		
130E	-1.5697			231E	.5038			317E	-2.8503		
115E	-1.6738			230E	-1.5638			318E	-2.4125		
116E	-1.6061			219E	-2.8249			320E	-1.4205		
117E	-3.1130			221E	-1.6564			321E	-1.0428		
118E	-3.6119			222E	-1.2523			322E	-.8632		
120E	-2.6349			223E	-1.0052			323E	-.6942		
121E	-1.7616			224E	-.8500			325E	-.4403		
122E	-1.1848			225E	-.6940			326E	-.3334		
123E	-.8772			226E	-.5476			327E	-.2345		
124E	-.7282			227E	-.3942			328E	-.1837		
125E	-.4205			228E	-.2680			329E	-.1635		
126E	-.3311			229E	-.1689			330E	-.1513		
127E	-.2172			259E	-.1365						
128E	-.1523			260E	-.1137						

TABLE 120.- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 17.02 DEGREES AND QINF = 13.01 KN/SQM (271.70 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	-.1954	129E	-.1038	214A	.0374			313A	-.1767		
111A	.1712			213A	-.3036			312A	-.2313		
110A	.1349			212A	-.3547			311A	-.1652		
109A	.4430			211A	-.2278			310A	.1490		
108A	.6895			210A	.2352			309A	.3567		
101A	.4950			208A	.7679			301A	.7300		
102A	-.4735			201A	.3250			302A	-.3256		
103A	-1.1681			202A	-1.3028			303A	-1.3345		
104A	-1.5573			203A	-1.7351			304A	-1.3046		
105A	-1.5009			204A	-1.5872			305A	-1.2218		
106A	-1.5018			205A	-1.4587			345E	.2515		
107A	-1.3380			206A	-1.6435			344E	.2990		
165E	.2987			264E	-.2306			343E	.3070		
164E	.3515			263E	.3585			342E	.3052		
156E	.3761			262E	.4183			341E	.2427		
155E	.3875			255E	.4280			340E	.1810		
154E	.3963			254E	.4306			339E	.1722		
153E	.3831			253E	.4016			338E	.1246		
139E	.3690			252E	.3523			337E	.2127		
138E	.3409			238E	.2723			336E	.3422		
137E	.2899			237E	.2656			335E	.4682		
136E	.2292			236E	.3219			334E	.6074		
135E	.3312			235E	.4303			333E	.7395		
133E	.6671			234E	.5475			332E	.6241		
132E	.6961			233E	.6928			331E	-.1890		
131E	.2363			232E	.7765			315E	-2.4755		
130E	-1.4035			231E	.4929			317E	-3.1673		
115E	-1.7323			230E	-1.4471			318E	-2.6639		
116E	-1.8654			219E	-3.1428			320E	-1.5291		
117E	-3.6428			221E	-1.7948			321E	-1.0947		
118E	-4.1122			222E	-1.3296			322E	-.8551		
120E	-2.8752			223E	-1.0643			323E	-.7220		
121E	-1.8988			224E	-.8916			325E	-.5511		
122E	-1.2555			225E	-.7110			326E	-.4428		
123E	-.9145			226E	-.5374			327E	-.4216		
124E	-.7312			227E	-.3735			328E	-.3247		
125E	-.4175			228E	-.2677			329E	-.3159		
126E	-.3241			229E	-.1867			330E	-.2648		
127E	-.2166			259E	-.1646						
128E	-.1488			260E	-.1567						

TABLE /2/ .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 18.79 DEGREES AND QINF = 12.99 KN/SQM (271.20 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	-.1651	129E	-.1210	214A	.2283			313A	-.0551		
111A	.2963			213A	-.2523			312A	-.1810		
110A	.2508			212A	-.2919			311A	-.1035		
109A	.5517			211A	-.1493			310A	.2535		
108A	.7091			210A	.3661			309A	.4804		
101A	.3080			208A	.7126			301A	.6616		
102A	-.8566			201A	.0239			302A	-.8751		
103A	-1.5674			202A	-1.9351			303A	-1.9095		
104A	-1.8823			203A	-2.2508			304A	-1.6729		
105A	-1.7714			204A	-1.9949			305A	-1.5040		
106A	-1.7671			205A	-1.7011			345E	.2424		
107A	-1.5322			206A	-1.8700			344E	.2970		
165E	.3051			264E	-.2617			343E	.3076		
164E	.3596			263E	.3508			342E	.3067		
156E	.3877			262E	.4071			341E	.2442		
155E	.3974			255E	.4291			340E	.1896		
154E	.3974			254E	.4308			339E	.1914		
153E	.3869			253E	.4018			338E	.1421		
139E	.3763			252E	.3561			337E	.2363		
138E	.3508			238E	.2814			336E	.3621		
137E	.3069			237E	.2767			335E	.4854		
136E	.2577			236E	.3454			334E	.6227		
135E	.3649			235E	.4475			333E	.7318		
133E	.6813			234E	.5778			332E	.6051		
132E	.6918			233E	.7072			331E	-.1915		
131E	.2709			232E	.7706			315E	-2.6370		
130E	-1.2777			231E	.4924			317E	-3.4531		
115E	-1.7189			230E	-1.3490			318E	-2.8446		
116E	-2.0389			219E	-3.3223			320E	-1.5885		
117E	-3.9814			221E	-1.8632			321E	-1.1448		
118E	-4.4382			222E	-1.3709			322E	-.9221		
120E	-3.0041			223E	-1.0820			323E	-.7514		
121E	-1.9918			224E	-.8996			325E	-.5102		
122E	-1.2660			225E	-.7208			326E	-.4917		
123E	-.9313			226E	-.5315			327E	-.4037		
124E	-.7340			227E	-.3870			328E	-.3068		
125E	-.4055			228E	-.2927			329E	-.2822		
126E	-.3209			229E	-.2337			330E	-.2672		
127E	-.2170			259E	-.2320						
128E	-.1633			260E	-.2064						

TABLE 122.- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 20.68 DEGREES AND QINF = 13.06 KN/SQM (272.70 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	-.0517	129E	-.5348	214A	.3313			313A	.0717		
111A	.2266			213A	-.1932			312A	-.1061		
110A	.2473			212A	-.2499			311A	-.0190		
109A	.5181			211A	-.1026			310A	.3561		
108A	.6948			210A	.4371			309A	.5634		
101A	.3527			208A	.6287			301A	.5477		
102A	-.6452			201A	-.2290			302A	-1.4245		
103A	-1.2399			202A	-2.3248			303A	-1.6483		
104A	-1.5542			203A	-2.6261			304A	-1.9513		
105A	-1.4193			204A	-2.2482			305A	-1.7205		
106A	-1.4149			205A	-1.9156			345E	.2407		
107A	-1.2103			206A	-2.0279			344E	.2956		
165E	.1379			264E	-.2900			343E	.3087		
164E	.2474			263E	.3422			342E	.2895		
156E	.2857			262E	.4074			341E	.2119		
155E	.3048			255E	.4274			340E	.1588		
154E	.3370			254E	.4318			339E	.1614		
153E	.3257			253E	.4005			338E	.1117		
139E	.3118			252E	.3570			337E	.2633		
138E	.2874			238E	.2831			336E	.3932		
137E	.2561			237E	.2808			335E	.4803		
136E	.2161			236E	.3592			334E	.6153		
135E	.3361			235E	.4646			333E	.7295		
133E	.6648			234E	.5901			332E	.6214		
132E	.6909			233E	.7199			331E	-.1566		
131E	.3135			232E	.7670			315E	-2.6975		
130E	-1.0760			231E	.4916			317E	-3.5873		
115E	-1.4473			230E	-1.3068			318E	-2.9220		
116E	-1.5847			219E	-3.4665			320E	-1.0623		
117E	-3.1196			221E	-1.9045			321E	-1.0410		
118E	-3.4630			222E	-1.4061			322E	-.9478		
120E	-2.1759			223E	-1.1046			323E	-.7709		
121E	-1.4366			224E	-.9182			325E	-.5086		
122E	-.9826			225E	-.7177			326E	-.4267		
123E	-.7238			226E	-.5435			327E	-.5496		
124E	-.6585			227E	-.4171			328E	-.3666		
125E	-.4869			228E	-.3292			329E	-.2873		
126E	-.5696			229E	-.2812			330E	-.2908		
127E	-.5409			259E	-.2490						
128E	-.5714			260E	-.2298						

TABLE 123.- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 24.92 DEGREES AND QINF = 12.98 KN/SQM (271.10 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	.0571	129E	-.7236	214A	.5181			313A	.3170		
111A	.5057			213A	.1054			312A	.1019		
110A	.4626			212A	-.0278			311A	.2047		
109A	.6697			211A	.0662			310A	.5348		
108A	.6132			210A	.6280			309A	.6784		
101A	-.1561			208A	.1345			301A	.2337		
102A	-1.5886			201A	-1.3971			302A	-2.2360		
103A	-2.1856			202A	-4.1886			303A	-2.9087		
104A	-2.2265			203A	-3.8936			304A	-2.1177		
105A	-1.9993			204A	-2.8722			305A	-1.7400		
106A	-1.7356			205A	-2.4023			345E	.1925		
107A	-1.4659			206A	-2.4170			344E	.2656		
165E	.1422			264E	-.4968			343E	.2865		
164E	.2527			263E	.3022			342E	.2917		
156E	.3075			262E	.3744			341E	.2255		
155E	.3283			255E	.4031			340E	.1768		
154E	.3501			254E	.4179			339E	.1933		
153E	.3457			253E	.3848			338E	.1742		
139E	.3405			252E	.3622			337E	.2821		
138E	.3240			238E	.3057			336E	.4188		
137E	.3066			237E	.3300			335E	.5416		
136E	.2892			236E	.4075			334E	.6513		
135E	.4153			235E	.5303			333E	.7253		
133E	.7005			234E	.6339			332E	.6165		
132E	.6883			233E	.7566			331E	.0349		
131E	.3770			232E	.7558			315E	-2.1690		
130E	-.8116			231E	.5277			317E	-2.5737		
115E	-1.3185			230E	-1.0569			318E	-1.7922		
116E	-1.7818			219E	-3.3727			320E	-1.1839		
117E	-3.5435			221E	-1.8210			321E	-1.0856		
118E	-3.7004			222E	-1.4087			322E	-.8749		
120E	-2.3300			223E	-1.0810			323E	-.7974		
121E	-1.5482			224E	-.9659			325E	-.6886		
122E	-1.0287			225E	-.8491			326E	-.6381		
123E	-.7602			226E	-.6766			327E	-.6460		
124E	-.6330			227E	-.6591			328E	-.5894		
125E	-.4909			228E	-.5432			329E	-.5484		
126E	-.5946			229E	-.4726			330E	-.5302		
127E	-.6330			259E	-.4717						
128E	-.6652			260E	-.4499						

TABLE 124.- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 28.69 DEGREES AND QINF = 12.95 KN/SQM (270.40 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	.1651	129E	-.6007	214A	.6026			313A	.4787		
111A	.5475			213A	.3627			312A	.3383		
110A	.6186			212A	.2188			311A	.3994		
109A	.7232			211A	.2441			310A	.6727		
108A	.3902			210A	.7302			309A	.7476		
101A	-.7895			208A	-.2995			301A	-.4459		
102A	-2.6186			201A	-2.1400			302A	-4.1074		
103A	-3.0066			202A	-4.6941			303A	-4.3356		
104A	-2.9185			203A	-4.0392			304A	-2.8279		
105A	-2.3004			204A	-3.0801			305A	-2.5201		
106A	-2.1103			205A	-2.2158			345E	.1481		
107A	-1.7180			206A	-2.1391			344E	.2432		
165E	.1128			264E	-.6468			343E	.2676		
164E	.2461			263E	.2461			342E	.2763		
156E	.3045			262E	.3350			341E	.2231		
155E	.3263			255E	.3663			340E	.1943		
154E	.3637			254E	.3811			339E	.2249		
153E	.3646			253E	.3655			338E	.2240		
139E	.3524			252E	.3384			337E	.3479		
138E	.3498			238E	.2897			336E	.4814		
137E	.3358			237E	.3409			335E	.6131		
136E	.3463			236E	.4299			334E	.7047		
135E	.4726			235E	.5468			333E	.7414		
133E	.7270			234E	.6812			332E	.6236		
132E	.6886			233E	.7797			331E	.1088		
131E	.4221			232E	.7780			315E	-2.4661		
130E	-.6075			231E	.5765			317E	-2.7468		
115E	-1.3097			230E	-.6371			318E	-1.8619		
116E	-1.9953			219E	-1.8052			320E	-1.1469		
117E	-3.8189			221E	-1.1734			321E	-1.0480		
118E	-3.8543			222E	-1.0904			322E	-.9896		
120E	-2.1958			223E	-.9586			323E	-.9146		
121E	-1.5593			224E	-.8591			325E	-.7095		
122E	-.6103			225E	-1.0398			326E	-.6642		
123E	-.7753			226E	-.7936			327E	-.6537		
124E	-.6408			227E	-.7438			328E	-.6380		
125E	-.5151			228E	-.6871			329E	-.6467		
126E	-.5963			229E	-.6827			330E	-.6005		
127E	-.6243			259E	-.6557						
128E	-.6470			260E	-.6470						

RUN NUMBER 36 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

				UNCORRECTED				CORRECTED FOR STRUT INTERFERENCE				
MACH	Q,PSF	P	ALPHA,DEG	CL	CD	CM	L/D	CL	CD	CM	L/D	ISUBT
.202	271.50	4.24	-6.11	-.2540	.1341	-.2192	-1.89	-.3469	.1420	-.2842	-2.44	OFF
.202	272.20	4.23	-4.14	-.1020	.1007	-.1809	-1.01	-.1968	.1056	-.2459	-1.86	OFF
.202	272.10	4.22	-2.04	.0430	.0715	-.1448	.60	-.0530	.0736	-.2088	-.72	OFF
.201	271.30	4.20	.18	.2600	.0493	-.1291	5.27	.1627	.0489	-.1917	3.33	OFF
.201	270.90	4.19	2.27	.4500	.0460	-.1057	9.78	.3459	.0437	-.1574	7.92	OFF
.201	271.40	4.20	4.35	.6210	.0514	-.0708	12.08	.5105	.0486	-.1372	10.50	OFF
.201	270.30	4.18	6.30	.8070	.0595	-.0318	13.56	.6963	.0584	-.1073	11.93	OFF
.201	270.20	4.18	8.42	.9770	.0734	.0027	13.31	.8676	.0748	-.0690	11.60	OFF
.201	272.20	4.19	8.43	.9740	.0733	.0022	13.29	.8646	.0747	-.0695	11.58	OFF
.202	272.50	4.19	10.79	1.1830	.0904	.0440	13.09	1.0844	.0930	-.0219	11.67	OFF
.201	271.30	4.17	12.56	1.3460	.1027	.0656	13.11	1.2616	.1058	.0270	11.92	OFF
.201	271.90	4.17	14.71	1.5160	.1254	.1305	12.09	1.4465	.1286	.0774	11.24	OFF
.201	271.70	4.16	17.02	1.6940	.1421	.1919	11.92	1.6341	.1446	.1450	11.30	OFF
.201	271.20	4.16	18.79	1.7720	.1937	.2417	9.15	1.7192	.1952	.1974	8.81	OFF
.201	272.70	4.17	20.68	1.6990	.2633	.1710	6.45	1.6515	.2638	.1304	6.26	OFF
.201	272.10	4.17	22.80	1.7540	.3057	.2196	5.74	1.7089	.3057	.1633	5.59	OFF
.201	271.10	4.16	24.92	1.8350	.3968	.2593	4.62	1.7900	.3968	.2262	4.51	OFF
.201	271.10	4.17	26.61	1.8910	.4746	.2886	3.98	1.8460	.4746	.2572	3.89	OFF
.200	270.40	4.16	28.69	1.6950	.4161	.3392	4.07	1.6500	.4161	.3099	3.97	OFF
.199	268.10	4.14	30.79	1.7150	.4696	.3780	3.65	1.6700	.4696	.3506	3.56	OFF
.200	269.80	4.13	-.06	.2640	.0516	-.1274	5.12	.1671	.0515	-.1905	3.25	OFF

CLIMB WING CONFIGURATION, ASPECT RATIO 10, INBOARD SLATS -50, OUTBOARD SLATS -50

Table 125 . Tabulated longitidinal data for run 36.

TABLE 126.- TABULATED PRESSURE DATA FOR RUN 31 AT ALPHA = -6.17 DEGREES AND QINF = 12.60 KN/SQM (263.20 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	-.5564	129E	-.1234	214A	-.8103			313A	-.1831		
111A	-.8035			213A	-.8229			312A	-.1867		
110A	-1.1028			211A	-.8094			311A	-.1724		
109A	-1.0884			210A	-.5609			310A	-.1753		
108A	-2.7394			201A	-.8781			309A	-.1762		
101A	-2.7574			202A	-.4297			301A	-.2625		
102A	-1.4578			203A	.4376			303A	.4376		
103A	-.0504			204A	.7306			305A	.7126		
104A	.5985			205A	.7702			345E	-.2281		
105A	.7917			206A	.6677			344E	-.2173		
106A	.7486			264E	-.2652			343E	-.2173		
107A	.5338			263E	-.2580			342E	-.2164		
165E	.0395			262E	-.3218			341E	-.2317		
164E	.0188			255E	-.3317			340E	-.2227		
156E	-.0091			254E	-.3497			339E	-.2344		
155E	-.0333			253E	-.4108			338E	-.2353		
154E	-.0639			252E	-.4584			337E	-.2218		
153E	-.1043			238E	-.5941			336E	-.2308		
139E	-.1304			237E	-.6144			335E	-.2218		
138E	-.1708			236E	-.6845			334E	-.2155		
137E	-.2652			235E	-.7160			333E	-.2173		
136E	-.3667			234E	-.6899			332E	-.2065		
135E	-.4656			233E	-.7070			331E	-.2002		
133E	-.7182			232E	-.7941			315E	-.2904		
132E	-.7065			231E	-.9056			317E	-.3416		
131E	-.6894			230E	-1.4770			318E	-.4063		
130E	-1.0228			215E	-1.2021			320E	-.3623		
115E	-1.1325			219E	-.2553			321E	-.3224		
116E	-.6211			221E	-.2232			322E	-.3413		
117E	.4250			222E	-.2106			323E	-.3386		
118E	-.0917			223E	-.2286			325E	-.4177		
120E	-.4135			224E	-.2574			326E	-.4473		
121E	-.2826			225E	-.3023			327E	-.4293		
122E	-.2484			226E	-.3158			328E	-.4096		
123E	-.2619			227E	-.3680			329E	-.3610		
124E	-.2574			228E	-.3734			330E	-.2802		
125E	-.2835			229E	-.3796						
126E	-.2502			259E	-.3599						
127E	-.2088			260E	-.3518						
128E	-.1684										

TABLE 127.- TABULATED PRESSURE DATA FOR RUN 31 AT ALPHA = -4.02 DEGREES AND QINF = 12.54 KN/SQM (261.80 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	-.5856	129E	-.0932	214A	-.7924			313A	-.2169		
111A	-.6641			213A	-.7770			312A	-.2006		
110A	-.9602			211A	-.7290			311A	-.2133		
109A	-.9431			210A	-.5993			310A	-.1931		
108A	-2.6266			201A	-.8616			309A	-.2139		
101A	-2.3932			202A	-.1904			301A	-.2582		
102A	-1.0507			203A	.5605			303A	.5008		
103A	.1796			204A	.7613			305A	.7034		
104A	.6799			205A	.7360			345E	-.1888		
105A	.7686			206A	.5939			344E	-.1888		
106A	.6754			264E	-.0708			343E	-.1943		
107A	.4148			263E	-.0753			342E	-.1988		
165E	.2100			262E	-.1656			341E	-.2078		
164E	.2209			255E	-.1675			340E	-.2097		
156E	.2046			254E	-.1982			339E	-.2124		
155E	.1938			253E	-.2704			338E	-.2350		
154E	.1549			252E	-.3282			337E	-.2305		
153E	.1233			238E	-.4880			336E	-.2223		
139E	.0899			237E	-.5282			335E	-.2477		
138E	.0330			236E	-.6349			334E	-.2458		
137E	-.0690			235E	-.6829			333E	0.0000		
136E	-.2144			234E	-.7119			332E	-.2504		
135E	-.3733			233E	-.7417			331E	-.2667		
133E	-.6424			232E	-.7824			315E	-.4057		
132E	-.6036			231E	-.8078			317E	-.4907		
131E	-.6415			230E	-1.1417			316E	-.5342		
130E	-.8944			215E	-1.2077			320E	-.4618		
115E	-.9549			219E	-.4238			321E	-.3970		
116E	-.8246			221E	-.3240			322E	-.3816		
117E	.2818			222E	-.2887			323E	-.3743		
118E	-.3188			223E	-.2841			325E	-.4132		
120E	-.6119			224E	-.2968			326E	-.4250		
121E	-.4217			225E	-.3303			327E	-.3979		
122E	-.3394			226E	-.3194			328E	-.3581		
123E	-.3140			227E	-.3448			329E	-.3038		
124E	-.3086			228E	-.3185			330E	-.2278		
125E	-.2697			229E	-.2697						
126E	-.2633			259E	-.2308						
127E	-.2036			260E	-.1665						
128E	-.1529										

TABLE 128.- TABULATED PRESSURE DATA FOR RUN 31 AT ALPHA = -.07 DEGREES AND QINF = 12.55 KN/SQM (262.20 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	-.4577	129E	-.0950	214A	-.5307			313A	-.4528		
111A	-.3944			213A	-.5316			312A	-.4854		
110A	-.5611			211A	-.5398			311A	-.4809		
109A	-1.4392			210A	-.7705			310A	-.5929		
108A	-2.6371			201A	-2.1098			309A	-.5766		
101A	-1.9739			202A	-.0909			301A	-.3591		
102A	-.4751			203A	.6431			303A	.5271		
103A	.4899			204A	.7464			305A	.6848		
104A	.7400			205A	.6558			345E	.0974		
105A	.6820			206A	.4646			344E	.0811		
106A	.5153			264E	.0210			343E	.0684		
107A	.2308			263E	.1902			342E	.0493		
165E	.2789			262E	.1812			341E	-.0150		
164E	.3115			255E	.1766			340E	-.0513		
156E	.3196			254E	.1631			339E	-.1002		
155E	.3169			253E	.1196			338E	-.1410		
154E	.3006			252E	.0780			337E	-.2416		
153E	.2717			238E	.0074			336E	-.2851		
139E	.2454			237E	-.0195			335E	-.3921		
138E	.1920			236E	-.0558			334E	-.4736		
137E	.0825			235E	-.1283			333E	-.5380		
136E	-.0776			234E	-.2815			332E	-.5851		
135E	-.0098			233E	-.5198			331E	-.6096		
133E	-.5355			232E	-.5905			315E	-.6264		
132E	-.5627			231E	-.5806			317E	-.6346		
131E	-.4740			230E	-.5914			318E	-.6518		
130E	-.4667			215E	-.5923			320E	-.5240		
115E	-.4441			219E	-.6817			321E	-.4220		
116E	-.4642			221E	-.5365			322E	-.3911		
117E	-.0800			222E	-.4449			323E	-.3476		
118E	-.7234			223E	-.4087			325E	-.3186		
120E	-.9862			224E	-.3960			326E	-.2969		
121E	-.6906			225E	-.3824			327E	-.2289		
122E	-.5365			226E	-.3570			328E	-.1283		
123E	-.4404			227E	-.3316			329E	-.0522		
124E	-.4196			228E	-.2745			330E	.0095		
125E	-.3126			229E	-.1820						
126E	-.2999			259E	-.1140						
127E	-.2274			260E	-.0334						
128E	-.1576										

TABLE 129.- TABULATED PRESSURE DATA FOR RUN 31 AT ALPHA = 4.26 DEGREES AND QINF = 12.51 KN/SQM (261.30 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	-.4348	129E	-.0988	214A	-.3517			313A	-.4901		
111A	-.1693			213A	-.4537			312A	-.3526		
110A	-.8361			211A	-.4373			311A	-.5884		
109A	-1.5867			210A	-.4840			310A	-.6523		
109A	-2.0489			201A	-1.7714			309A	-.7633		
101A	-1.1209			202A	.2803			301A	-.4175		
102A	.1384			203A	.7507			303A	.6743		
103A	.6834			204A	.7107			305A	.5578		
104A	.6870			205A	.5351			345E	.2381		
105A	.5041			206A	.2958			344E	.2581		
106A	.2867			264E	-.1102			343E	.2490		
107A	-.0045			263E	.3290			342E	.2308		
165E	.2808			262E	.3654			341F	.1699		
164E	.3245			255E	.3736			340E	.1216		
156E	.3354			254E	.3608			339E	.0834		
155E	.3408			253E	.3099			338E	-.0022		
154E	.3272			252E	.2317			337E	.0588		
153E	.2981			238E	.0917			336E	.0661		
139E	.2763			237E	.0160			335E	.3073		
138E	.2272			236E	.0242			334E	-.2516		
137E	.1190			235E	.1216			333E	-.5356		
136E	-.0302			234E	.2946			332E	-.6539		
135E	.0199			233E	.6441			331E	-.8214		
133E	.6872			232E	-.4755			315E	-.9025		
132E	-.5675			231E	-.6776			317E	-1.0099		
131E	-.6730			230E	-1.4022			318E	-.9807		
130E	-1.0294			215E	-1.3157			320E	-.7478		
115E	-.7303			219E	-1.2000			321E	-.6084		
116E	-.6941			221E	-.8194			322E	-.5201		
117E	-1.1163			222E	-.6664			323E	-.4428		
118E	-1.5048			223E	-.5898			325E	-.3372		
120E	-1.4002			224E	-.5370			326E	-.2826		
121E	-1.0071			225E	-.4778			327E	-.2024		
122E	-.7420			226E	-.4094			328E	-.1187		
123E	-.5889			227E	-.3420			329E	-.0714		
124E	-.5197			228E	-.2673			330E	-.0422		
125E	-.3457			229E	-.1726						
126E	-.3074			259E	-.1243						
127E	-.2327			260E	-.0733						
128E	-.1698										

TABLE 130.- TABULATED PRESSURE DATA FOR RUN 31 AT ALPHA = 8.74 DEGREES AND QINF = 12.54 KN/SQM (261.80 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	-.4700	129E	-.0997	214A	-.5602			313A	-.6238		
111A	-.1449			213A	-.5911			312A	-.6365		
110A	-.7089			211A	-.5983			311A	-.6374		
109A	-.9098			210A	-.5298			310A	-.7962		
108A	-.9016			201A	-.2689			309A	-1.1079		
101A	-.0907			202A	.7346			301A	-.1180		
102A	.6183			203A	.6655			303A	.7474		
103A	.6719			204A	.4410			305A	.3374		
104A	.4210			205A	.1938			345E	.2909		
105A	.1465			206A	-.1062			344E	.3309		
106A	-.1026			264E	-.1631			343E	.3291		
107A	-.4044			263E	.3363			342E	.3127		
165E	.2782			262E	.3845			341E	.2272		
164E	.3264			255E	.3926			340E	.1590		
156E	.3509			254E	.3872			339E	.1136		
155E	.3545			253E	.3363			338E	.0190		
154E	.3481			252E	.2710			337E	.0681		
153E	.3264			238E	.1466			336E	.1772		
139E	.3073			237E	.0981			335E	.3218		
138E	.2664			236E	.1272			334E	.5345		
137E	.1811			235E	.2309			333E	.7582		
136E	.0576			234E	.3709			332E	.1954		
135E	.1366			233E	.6018			331E	-1.4739		
133E	.6532			232E	.7373			315E	-1.9606		
132E	.1829			231E	-.1210			317E	-1.8833		
131E	-.6788			230E	-2.5104			318E	-1.6125		
130E	-1.8901			215E	-3.5362			320E	-1.0034		
115E	-1.5223			219E	-1.8806			321E	-.7547		
116E	-1.4225			221E	-1.1439			322E	-.6256		
117E	-2.1597			222E	-.8911			323E	-.5274		
118E	-2.5015			223E	-.7483			325E	-.3647		
120E	-1.9497			224E	-.6582			326E	-.2847		
121E	-1.3350			225E	-.5618			327E	-.2065		
122E	-.9456			226E	-.4526			328E	-.1346		
123E	-.7255			227E	-.3526			329E	-.1183		
124E	-.6118			228E	-.2516			330E	-.0983		
125E	-.3853			229E	-.1652						
126E	-.3180			259E	-.1270						
127E	-.2179			260E	-.0970						
128E	-.1561										

TABLE 131 .- TABULATED PRESSURE DATA FOR RUN 31 AT ALPHA = 12.80 DEGREES AND QINF = 12.53 KN/SQM (261.60 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	-.4433	129E	-.1246	214A	-.4766			313A	-.5349		
111A	-.0777			213A	-.6915			312A	-.5467		
110A	-.4322			211A	-.6514			311A	-.5312		
109A	-.3648			210A	-.2456			310A	-.5069		
108A	-.1154			201A	.5766			309A	-.5815		
101A	.4873			202A	.6549			301A	.1213		
102A	.6794			203A	.2424			303A	.5547		
103A	.3735			204A	-.0243			305A	-.0407		
104A	-.0307			205A	-.2701			345E	.2539		
105A	-.3011			206A	-.5733			344E	.3013		
106A	-.5342			264E	-.2005			343E	.3131		
107A	-.7454			263E	.3433			342E	.3013		
165E	.2688			262E	.3961			341E	.2193		
164E	.3233			255E	.4088			340E	.1619		
156E	.3524			254E	.4043			339E	.1282		
155E	.3561			253E	.3615			338E	.0599		
154E	.3579			252E	.3033			337E	.1337		
153E	.3406			238E	.1996			336E	.2567		
139E	.3233			237E	.1683			335E	.4015		
138E	.2869			236E	.2175			334E	.5809		
137E	.2206			235E	.3295			333E	.7476		
136E	.1296			234E	.4689			332E	.3423		
135E	.2297			233E	.6656			331E	-1.1998		
133E	.6707			232E	.7412			315E	-2.6027		
132E	.4816			231E	.0772			317E	-2.5053		
131E	-.4588			230E	-2.8183			318E	-2.0255		
130E	-2.1285			215E	-4.4145			320E	-1.1715		
115E	-2.0684			219E	-2.5535			321E	-.8609		
116E	-2.1256			221E	-1.4942			322E	-.6915		
117E	-3.0820			222E	-1.1142			323E	-.5722		
119E	-3.3879			223E	-.9083			325E	-.3782		
120E	-2.4024			224E	-.7679			326E	-.3254		
121E	-1.6035			225E	-.6367			327E	-.2962		
122E	-1.0768			226E	-.5037			328E	-.2398		
123E	-.7871			227E	-.3752			329E	-.2188		
124E	-.6413			228E	-.2713			330E	-.2115		
125E	-.3761			229E	-.1820						
126E	-.3014			259E	-.1565						
127E	-.2184			260E	-.1328						
128E	-.1647										

TABLE 132 .- TABULATED PRESSURE DATA FOR RUN 31 AT ALPHA = 14.47 DEGREES AND QINF = 12.51 KN/SQM (261.30 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	-.4144	129E	-.1541	214A	-.3316			313A	-.4336		
111A	-.0424			213A	-.6551			312A	-.4373		
110A	-.3285			211A	-.5959			311A	-.4364		
109A	-.1783			210A	-.1137			310A	-.3786		
108A	.1203			201A	.7186			309A	-.4123		
101A	.6011			202A	.5091			301A	.1859		
102A	.6047			203A	.0220			303A	.4827		
103A	.1941			204A	-.2384			305A	-.1182		
104A	-.2402			205A	-.4569			345E	.2253		
105A	-.5043			206A	-.7337			344E	.2690		
106A	-.7255			264E	-.2325			343E	.2973		
107A	-.9231			263E	.3396			342E	.2827		
165E	.2623			262E	.3960			341E	.1943		
164E	.3160			255E	.4078			340E	.1414		
156E	.3442			254E	.4069			339E	.1059		
155E	.3569			253E	.3687			338E	.0421		
154E	.3596			252E	.3114			337E	.1441		
153E	.3442			238E	.2087			336E	.2635		
139E	.3269			237E	.1924			335E	.3957		
138E	.2923			236E	.2499			334E	.5907		
137E	.2341			235E	.3620			333E	.7475		
136E	.1532			234E	.5014			332E	.3720		
135E	.2614			233E	.6891			331E	-1.0260		
133E	.6771			232E	.7411			315E	-2.5830		
132E	.5179			231E	.0913			317E	-2.0285		
131E	-.3634			230E	-2.7594			318E	-1.5104		
130E	-2.1170			215E	-4.5339			320E	-.9031		
115E	-2.2243			219E	-2.7196			321E	-.8128		
116E	-2.3864			221E	-1.5689			322E	-.6697		
117E	-3.4480			222E	-1.1641			323E	-.6077		
118E	-3.7087			223E	-.9326			325E	-.4610		
120E	-2.5576			224E	-.7822			326E	-.4464		
121E	-1.7129			225E	-.6263			327E	-.3936		
122E	-1.1249			226E	-.4941			328E	-.3325		
123E	-.8159			227E	-.3601			329E	-.3370		
124E	-.6591			228E	-.2672			330E	-.2860		
125E	-.3902			229E	-.1924						
126E	-.3109			259E	-.1733						
127E	-.2316			260E	-.1614						
128E	-.1924										

TABLE 133 .- TABULATED PRESSURE DATA FOR RUN 31 AT ALPHA = 16.64 DEGREES AND QINF = 12.46 KN/SQM (260.20 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	-.3848	129E	-.2213	214A	-.1435			313A	-.2929		
111A	.0636			213A	-.5551			312A	-.3094		
110A	-.1686			211A	-.5102			311A	-.3012		
109A	.0660			210A	.0303			310A	-.2328		
108A	.3602			201A	.7964			309A	-.2346		
101A	.6874			202A	.2511			301A	.2411		
102A	.4088			203A	-.3097			303A	.3703		
103A	-.1045			204A	-.4674			305A	-.1054		
104A	-.5691			205A	-.6488			345E	.1894		
105A	-.8083			206A	-.9513			344E	.2609		
106A	-.9943			264E	-.3684			343E	.2655		
107A	-1.1767			263E	.2952			342E	.2600		
165E	.2467			262E	.3565			341E	.1729		
164E	.2860			255E	.3730			340E	.1151		
156E	.3309			254E	.3766			339E	.0986		
155E	.3547			253E	.3455			338E	.0372		
154E	.3574			252E	.2979			337E	.1279		
153E	.3446			238E	.2082			336E	.2700		
139E	.3364			237E	.2013			335E	.4113		
138E	.3025			236E	.2673			334E	.5818		
137E	.2540			235E	.3938			333E	.7422		
136E	.1927			234E	.5314			332E	.4113		
135E	.3052			233E	.7056			331E	-.8348		
133E	.6942			232E	.7340			315E	-2.0968		
132E	.5469			231E	.1261			317E	-1.7449		
131E	-.2585			230E	-2.6309			318E	-1.1089		
130E	-2.0798			215E	-4.6210			320E	-.7002		
115E	-2.4633			219E	-2.7778			321E	-.7018		
116E	-2.7732			221E	-1.5755			322E	-.5946		
117E	-3.9284			222E	-1.1388			323E	-.6056		
118E	-4.1018			223E	-.8792			325E	-.4900		
120E	-2.7155			224E	-.7406			326E	-.4699		
121E	-1.7820			225E	-.5764			327E	-.4891		
122E	-1.1517			226E	-.4342			328E	-.4295		
123E	-.8140			227E	-.4369			329E	-.4222		
124E	-.6553			228E	-.3810			330E	-.3699		
125E	-.3938			229E	-.3599						
126E	-.3452			259E	-.3369						
127E	-.2874			260E	-.3186						
128E	-.2305										

TABLE 134.- TABULATED PRESSURE DATA FOR RUN 31 AT ALPHA = 18.61 DEGREES AND QINF = 12.50 KN/SQM (261.00 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	-.3460	129E	-.2404	214A	-.0218			313A	-.2241		
111A	.0717			213A	-.4420			312A	-.2606		
110A	-.0441			211A	-.4155			311A	-.2515		
109A	.2174			210A	.1354			310A	-.1452		
108A	.5271			201A	.7959			309A	-.1261		
101A	.6847			202A	.0370			301A	.3003		
102A	.1964			203A	-.5242			303A	.2447		
103A	-.3867			204A	-.6818			305A	-.2145		
104A	-.8677			205A	-.7611			345E	.1933		
105A	-1.0290			206A	-1.0062			344E	.2516		
106A	-1.2440			264E	-.5207			343E	.2589		
107A	-1.4499			263E	.2565			342E	.2535		
165E	.2346			262E	.3329			341E	.1742		
164E	.3111			255E	.3520			340E	.1249		
156E	.3402			254E	.3548			339E	.1003		
155E	.3475			253E	.3356			338E	.0539		
154E	.3602			252E	.2765			337E	.1468		
153E	.3538			238E	.2046			336E	.2854		
139E	.3338			237E	.1924			335E	.4330		
138E	.3102			236E	.2835			334E	.5971		
137E	.2647			235E	.4075			333E	.7356		
136E	.2155			234E	.5479			332E	.4312		
135E	.3347			233E	.7101			331E	-.7455		
133E	.7042			232E	.7393			315E	-1.9309		
132E	.5586			231E	.1778			317E	-1.6102		
131E	-.1876			230E	-2.3861			318E	-1.0718		
130E	-2.0304			215E	-4.1935			320E	-.8404		
115E	-2.6374			219E	-2.3190			321E	-.6771		
116E	-3.0251			221E	-1.4744			322E	-.6088		
117E	-4.2441			222E	-1.0993			323E	-.6124		
118E	-4.3867			223E	-.9231			325E	-.5195		
120E	-2.8611			224E	-.8501			326E	-.4794		
121E	-1.8385			225E	-.6767			327E	-.4912		
122E	-1.1595			226E	-.6082			328E	-.4411		
123E	-.8172			227E	-.5462			329E	-.4083		
124E	-.6557			228E	-.5334			330E	-.3919		
125E	-.4175			229E	-.4969						
126E	-.3773			259E	-.4522						
127E	-.3226			260E	-.4175						
128E	-.2915										

TABLE 135.- TABULATED PRESSURE DATA FOR RUN 31 AT ALPHA = 20.70 DEGREES AND QINF = 12.47 KN/SQM (260.50 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	-.3121	129E	-.3041	214A	.0989			313A	-.1138		
111A	.1138			213A	-.3384			312A	-.2057		
110A	.0537			211A	-.3148			311A	-.1811		
109A	.3737			210A	.2609			310A	-.0554		
108A	.6346			201A	.7527			309A	.0055		
101A	.6273			202A	-.2572			301A	.3391		
102A	-.0245			203A	-.7154			303A	.1237		
103A	-.7690			204A	-.8417			305A	-.2681		
104A	-1.2154			205A	-.8172			345E	.1653		
105A	-1.2208			206A	-.9781			344E	.2489		
106A	-1.4435			264E	-.6217			343E	.2635		
107A	-1.5999			263E	.2336			342E	.2526		
165E	.2382			262E	.3163			341E	.1798		
164E	.2627			255E	.3408			340E	.1189		
156E	.3299			254E	.3635			339E	.1089		
155E	.3462			253E	.3208			338E	.0662		
154E	.3499			252E	.2736			337E	.1653		
153E	.3417			238E	.2118			336E	.3062		
139E	.3453			237E	.2162			335E	.4481		
138E	.2709			236E	.2980			334E	.6008		
137E	.2836			235E	.4162			333E	.7299		
136E	.2218			234E	.5681			332E	.4481		
135E	.3735			233E	.7308			331E	-.6530		
133E	.7185			232E	.7418			315E	-1.8099		
132E	.5678			231E	.2108			317E	-1.2781		
131E	-.1441			230E	-2.1787			318E	-.9145		
130E	-1.9520			215E	-4.2601			320E	-.7981		
115E	-2.7066			219E	-2.1144			321E	-.6730		
116E	-3.1785			221E	-1.3696			322E	-.6130		
117E	-4.5632			222E	-1.0891			323E	-.5876		
118E	-4.1307			223E	-.9462			325E	-.5630		
120E	-2.8098			224E	-.8478			326E	-.5594		
121E	-1.6865			225E	-.8250			327E	-.5285		
122E	-1.1848			226E	-.6766			328E	-.4930		
123E	-.8870			227E	-.6875			329E	-.4694		
124E	-.6511			228E	-.6229			330E	-.4148		
125E	-.4681			229E	-.6174						
126E	-.4271			259E	-.5582						
127E	-.5263			260E	-.5081						
128E	-.4936										

TABLE 136.- TABULATED PRESSURE DATA FOR RUN 31 AT ALPHA = 24.58 DEGREES AND QINF = 12.37 KN/SQM (258.30 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	-.0490	129E	-.6096	214A	.2255			313A	.0216		
111A	.2235			213A	-.2714			312A	-.1030		
110A	.1997			211A	-.2432			311A	-.0421		
109A	.4734			210A	.4343			310A	.1560		
108A	.6608			201A	.5989			309A	.2697		
101A	.6517			202A	-.7271			301A	.3615		
102A	.0832			203A	-1.2201			303A	-.4270		
103A	-.4315			204A	-1.0845			305A	-.5770		
104A	-.8017			205A	-.9154			345E	.1582		
105A	-.9454			206A	-1.2719			344E	.2419		
106A	-.8745			264E	-.7211			343E	.2592		
107A	-.9490			263E	.1944			342E	.2528		
165E	.0672			262E	.3052			341E	.1836		
164E	.1753			255E	.3406			340E	.1354		
156E	.2271			254E	.3452			339E	.1418		
155E	.2562			253E	.3288			338E	.1036		
154E	.2771			252E	.2789			337E	.2128		
153E	.2761			236E	.2162			336E	.3547		
139E	.2689			237E	.2173			335E	.4949		
138E	.2598			236E	.3056			334E	.6332		
137E	.2425			235E	.4421			333E	.7179		
136E	.2671			234E	.5832			332E	.4667		
135E	.4106			233E	.7388			331E	-.5044		
133E	.7230			232E	.7361			315E	-1.8494		
132E	.5741			231E	.2437			317E	-1.4574		
131E	.0763			230E	-2.0816			318E	-.9563		
130E	-1.3079			215E	-4.3596			320E	-.8672		
115E	-1.7093			219E	-2.0168			321E	-.6209		
116E	-2.0222			221E	-1.3256			322E	-.5736		
117E	-2.6498			222E	-1.1443			323E	-.5809		
119E	-2.6443			223E	-1.0040			325E	-.5663		
120E	-1.0691			224E	-.9239			326E	-.5490		
121E	-.7244			225E	-.8720			327E	-.5235		
122E	-.6342			226E	-.7954			328E	-.5117		
123E	-.5258			227E	-.7453			329E	-.5089		
124E	-.5777			228E	-.7244			330E	-.4389		
125E	-.7244			229E	-.6943						
126E	-.6105			259E	-.6342						
127E	-.6351			260E	-.6561						
128E	-.6196										

TABLE 137.- TABULATED PRESSURE DATA FOR RUN 31 AT ALPHA = 28.55 DEGREES AND QINF = 12.56 KN/SQM (262.30 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	.0533	129E	-.6564	214A	.4750			313A	.2043		
111A	.3086			213A	.0253			312A	.0057		
110A	.4299			211A	.0725			311A	.0876		
109A	.6515			210A	.6257			310A	.3649		
108A	.7343			201A	.2786			309A	.4851		
101A	.2892			202A	-1.2650			301A	.3658		
102A	-.7985			203A	-1.5640			303A	-1.0602		
103A	-1.2970			204A	-1.2383			305A	-.8092		
104A	-1.5712			205A	-.8964			345E	.1571		
105A	-1.4163			206A	-1.1635			344E	.2417		
106A	-1.3397			264E	-.7827			343E	.2756		
107A	-1.2178			263E	.2001			342E	.2720		
165E	.0800			262E	.2988			341E	.2052		
164E	.2027			255E	.3299			340E	.1705		
156E	.2490			254E	.3450			339E	.1794		
155E	.2783			253E	.3255			338E	.1544		
154E	.3068			252E	.2899			337E	.2747		
153E	.3112			238E	.2463			336E	.4091		
139E	.3157			237E	.2649			335E	.5383		
138E	.2961			236E	.3691			334E	.6576		
137E	.2908			235E	.5053			333E	.7128		
136E	.2881			234E	.6327			332E	.4795		
135E	.4500			233E	.7662			331E	-.3665		
133E	.7497			232E	.7511			315E	-1.9539		
132E	.6207			231E	.3949			317E	-1.4252		
131E	.1529			230E	-1.2286			318E	-1.0104		
130E	-1.2024			215E	-3.0760			320E	-.9534		
115E	-2.0945			219E	-1.1617			321E	-.5990		
116E	-2.6304			221E	-.8054			322E	-.5331		
117E	-3.0858			222E	-.8526			323E	-.5224		
118E	-2.3278			223E	-.7929			325E	-.4563		
120E	-1.3967			224E	-.7697			326E	-.5420		
121E	-1.0426			225E	-.7706			327E	-.5366		
122E	-.7055			226E	-.7697			328E	-.5028		
123E	-.6056			227E	-.7322			329E	-.4903		
124E	-.5922			228E	-.7964			330E	-.4805		
125E	-.8000			229E	-.7171						
126E	-.7197			259E	-.7019						
127E	-.6422			260E	-.6413						
128E	-.6163										

RUN NUMBER 31 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

				UNCORRECTED				CORRECTED FOR STRUT INTERFERENCE				
MACH	Q,PSF	P	ALPHA,DEG	CL	CD	CM	L/D	CL	CD	CM	L/D	ISUBT
.202	263.20	4.21	-6.17	-.2360	.1445	-.2221	-1.63	-.3288	.1525	-.2871	-2.16	OFF
.201	261.80	4.19	-4.02	-.0880	.1114	-.1815	-.79	-.1830	.1161	-.2465	-1.58	OFF
.201	262.50	4.19	-1.88	.0470	.0844	-.1421	.56	-.0490	.0864	-.2060	-.57	OFF
.201	262.20	4.19	-.07	.2320	.0640	-.1133	3.63	.1351	.0639	-.1764	2.11	OFF
.201	260.90	4.17	2.10	.4030	.0571	-.0958	7.06	.2996	.0548	-.1476	5.46	OFF
.201	261.30	4.17	4.26	.5870	.0570	-.0682	10.30	.4766	.0542	-.1340	8.79	OFF
.201	260.80	4.16	6.46	.8070	.0633	-.0326	12.75	.6965	.0624	-.1081	11.16	OFF
.201	261.80	4.17	8.74	.9890	.0793	.0060	12.47	.8803	.0809	-.0647	10.88	OFF
.201	260.70	4.16	10.51	1.1390	.0905	.0456	12.59	1.0383	.0930	-.0212	11.16	OFF
.201	261.60	4.16	12.80	1.3020	.1148	.0952	11.34	1.2195	.1180	.0370	10.34	OFF
.201	261.30	4.16	14.47	1.4010	.1388	.1336	10.09	1.3300	.1421	.0795	9.36	OFF
.200	260.20	4.14	16.64	1.4910	.1789	.2080	8.33	1.4295	.1816	.1599	7.87	OFF
.201	261.00	4.15	18.61	1.5390	.2340	.2670	6.58	1.4855	.2356	.2226	6.30	OFF
.201	260.50	4.15	20.70	1.5410	.3050	.2505	5.05	1.4935	.3055	.2099	4.89	OFF
.200	260.50	4.16	22.64	1.5400	.3724	.2495	4.14	1.4947	.3724	.2129	4.01	OFF
.200	258.30	4.15	24.58	1.4490	.4319	.2342	3.35	1.4040	.4319	.2004	3.25	OFF
.202	263.50	4.19	26.62	1.5650	.4948	.3412	3.16	1.5200	.4948	.3098	3.07	OFF
.201	262.30	4.18	28.55	1.6090	.5595	.3656	2.88	1.5640	.5595	.3361	2.80	OFF
.201	262.90	4.19	30.66	1.6120	.6063	.4054	2.66	1.5670	.6063	.3779	2.58	OFF
.201	261.60	4.14	-.08	.2150	.0661	-.1127	3.25	.1181	.0660	-.1759	1.79	OFF

CLIMB WING CONFIGURATION, ASPECT RATIO 10, INBOARD SLATS -60, OUTBOARD SLATS -60

Table 138 . Tabulated longitidinal data for run 31.

TABLE 139 .- TABULATED PRESSURE DATA FOR RUN 80 AT ALPHA = -5.92 DEGREES AND QINF = 12.94 KN/SQM (270.30 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	-.6126	155C	.2176	214A	-.8795	243C	-.4266	313A	-.7918		
111A	-.6899	154C	.2203	213A	-.7961	244C	-.3075	312A	-.8049		
110A	-.6613	153C	.2290	212A	-.7461	245C	-.3593	311A	-.7768		
109A	-1.1169	152C	.2159	211A	-.7470	246C	-.3470	310A	-.8465		
108A	-2.7962	144C	.2571	210A	-.8483	247C	-.3312	309A	-.7754		
101A	-2.2063	145C	-.1092	208A	-.8526	248C	-.2961	301A	-.8474		
102A	-.6551	147C	-.4672	201A	-1.0686	249C	-.2531	303A	.4264		
103A	.4185	148C	-.4207	202A	.0691	250C	-.2005	304A	.7415		
104A	.7547	149C	-.3198	203A	.6774	264D	-.0272	305A	.7266		
105A	.7503	150C	-.1996	204A	.7731	263D	-.0079	345E	-.0610		
106A	.6274	151C	-.0917	205A	.6985	262D	-.0272	344E	-.1461		
107A	.3807	165D	.1913	206A	.5387	256D	-.1285	343E	-.1566		
142B	.2264	164D	.1772	242B	-.3098	257D	-.1794	342E	-.1829		
141B	.1378	158D	.5066	241B	-.2449	258D	-.1373	341E	-.2689		
140B	.1018	159D	-.0241	240B	-.2888	259D	-.0952	340E	-.3259		
139B	.0798	160D	-.1689	238B	-.4476	260D	-.0566	339E	-.4321		
138B	.0245			237B	-.5672			338E	-.4970		
137B	-.0799			236B	-.5803			337E	-.5803		
136B	-.2186			235B	-.6154			336E	-.6286		
135B	-.3783			234B	-.6207			335E	-.7654		
133B	-.6381			233B	-.6909			334E	-.8312		
132B	-.6223			232B	-.7523			333E	-.7839		
131B	-.6390			231B	-.8023			332E	-.7567		
130B	-.9918			230B	-.9970			331E	-.7953		
115B	-1.0348			218B	-.1627			315E	-.6885		
116B	-.8447			219B	-.2663			317E	.0849		
117B	.4536			221B	-.2400			318E	-.2118		
118B	-.1328			222B	-.2303			319E	-.1793		
120B	-.4734			223B	-.2461			320E	-.2109		
121B	-.3400			224B	-.2803			321E	-.1873		
122B	-.3093			225B	-.3233			322E	-.2391		
123B	-.3040			226B	-.4961			323E	-.2417		
124B	-.3137			227B	-.3908			325E	-.3189		
125B	-.3198			228B	-.4031			326E	-.3531		
126B	-.3470			229B	-.3856			327E	-.3215		
127B	-.3119			255C	-.0817			328E	-.2645		
128B	-.3180			254C	-.1027			329E	-.2119		
129B	-.3250			253C	-.1905			330E	-.1145		
157C	.0772			252C	-.2388						
156C	.1439			251C	-.3090						

TABLE 140 .- TABULATED PRESSURE DATA FOR RUN 80 AT ALPHA = -3.92 DEGREES AND QINF = 12.94 KN/SQM (270.30 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	-.5089	155C	.2954	214A	-.6877	243C	-.1599	313A	-.8037		
111A	-.5528	154C	.3315	213A	-.6665	244C	-.2358	312A	-.7070		
110A	-.5486	153C	.3614	212A	-.5962	245C	-.2850	311A	-.6525		
109A	-1.5671	152C	.3438	211A	-.5857	246C	-.3870	310A	-.8678		
108A	-2.6842	144C	.5064	210A	-.8291	247C	-.3887	309A	-.7940		
101A	-1.8187	145C	-.0230	208A	-.8573	248C	-.3395	301A	-.8872		
102A	-.3146	147C	-.4969	201A	-1.0297	249C	-.2498	303A	.5122		
103A	.5729	148C	-.4485	202A	.2774	250C	-.1531	304A	.7286		
104A	.7664	149C	-.3246	203A	.7435	264D	.0511	305A	.6811		
105A	.6793	150C	-.1988	204A	.7514	263D	.2524	345E	.0684		
106A	.5210	151C	-.0837	205A	.6564	262D	.2049	344E	.0412		
107A	.2589	165D	.2207	206A	.4418	256D	.2856	343E	.0236		
142B	.3798	164D	.2031	242B	-.1054	257D	-.1109	342E	.0007		
141B	.2541	158D	.7322	241B	-.0008	258D	-.1584	341E	-.0467		
140B	.2295	159D	-.0441	240B	-.0984	259D	-.0766	340E	-.0898		
139B	.2163	160D	-.2076	238B	-.2408	260D	-.0107	339E	-.1522		
138B	.1759			237B	-.3659			338E	-.2235		
137B	.0625			236B	-.4134			337E	-.2929		
136B	-.0667			235B	-.4934			336E	-.4204		
135B	-.1449			234B	-.5654			335E	-.6112		
133B	-.5932			233B	-.6595			334E	-.8204		
132B	-.5282			232B	-.7061			333E	-.8784		
131B	-.5308			231B	-.6753			332E	-.7958		
130B	-.6750			230B	-.7844			331E	-.7747		
115B	-.7374			218B	-.2187			315E	-.6664		
116B	-.6963			219B	-.4342			317E	.0311		
117B	.3504			221B	-.3553			318E	-.3199		
118B	-.3709			222B	-.3131			319E	-.2882		
120B	-.6893			223B	-.3070			320E	-.2829		
121B	-.4740			224B	-.3289			321E	-.2569		
122B	-.4142			225B	-.3571			322E	-.2832		
123B	-.3923			226B	-.4916			323E	-.2736		
124B	-.3817			227B	-.4072			325E	-.3237		
125B	-.3641			228B	-.4046			326E	-.3360		
126B	-.3782			229B	-.3791			327E	-.2885		
127B	-.3342			255C	.1363			328E	-.2138		
128B	-.3413			254C	.1038			329E	-.1338		
129B	-.3166			253C	.1557			330E	-.0441		
157C	.1073			252C	.0546						
156C	.1768			251C	.0484						

TABLE 141 .- TABULATED PRESSURE DATA FOR RUN 80 AT ALPHA = .64 DEGREES AND QINF = 13.04 KN/SQM (272.30 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	-.3556	155C	.3396	214A	-.3357	243C	.6442	313A	-.4434		
111A	-.2093	154C	.3877	213A	-.3585	244C	-.1900	312A	-.5835		
110A	-.7282	153C	.4367	212A	-.3690	245C	-.1795	311A	-.6115		
109A	-1.3927	152C	.3860	211A	-.3594	246C	-.5492	310A	-.7738		
108A	-1.7039	144C	.7318	210A	-.6554	247C	-.5054	309A	-1.2340		
101A	-.7264	145C	.0605	208A	-2.3184	248C	-.4090	301A	-2.5682		
102A	.3685	147C	-.5369	201A	-1.1700	249C	-.2916	303A	.6621		
103A	.7305	148C	-.4441	202A	.5228	250C	-.1620	304A	.6727		
104A	.6437	149C	-.3162	203A	.7568	264D	-.0264	305A	.5447		
105A	.4316	150C	-.2102	204A	.6446	263D	.3422	345E	.3052		
106A	.2291	151C	-.0884	205A	.4430	262D	.3431	344E	.3271		
107A	-.0058	165D	.2433	206A	.2089	256D	.8577	343E	.3193		
142B	.4901	164D	.2240	242B	.4323	257D	-.1103	342E	.2982		
141B	.3439	158D	.8779	241B	.2722	258D	-.2776	341E	.2151		
140B	.3334	159D	-.0499	240B	.2257	259D	-.2067	340E	.1380		
139B	.3203	160D	-.2408	238B	.1443	260D	-.1007	339E	.0671		
138B	.2923			237B	-.0502			338E	-.0581		
137B	.1715			236B	.0504			337E	-.0529		
136B	.0130			235B	.1258			336E	.0163		
135B	.0454			234B	.2825			335E	.1573		
133B	-.1174			233B	.3508			334E	.4795		
132B	-.4956			232B	-.4776			333E	-.4049		
131B	-.4694			231B	-.4662			332E	-.9916		
130B	-.4720			230B	-.6553			331E	-1.1492		
115B	-.4195			218B	-.6011			315E	-.7352		
116B	-.4065			219B	-.9386			317E	-.7203		
117B	-.5055			221B	-.7367			318E	-.7527		
118B	-.9684			222B	-.6210			319E	-.8334		
120B	-1.1805			223B	-.5579			320E	-.6072		
121B	-.8716			224B	-.5334			321E	-.4881		
122B	-.6771			225B	-.5124			322E	-.4557		
123B	-.5965			226B	-.5807			323E	-.4163		
124B	-.5492			227B	-.4887			325E	-.3970		
125B	-.4844			228B	-.4563			326E	-.3646		
126B	-.4668			229B	-.4301			327E	-.2884		
127B	-.3915			255C	.2651			328E	-.1728		
128B	-.3810			254C	.4026			329E	-.0853		
129B	-.3346			253C	.3763			330E	-.0205		
157C	.1189			252C	.4061						
156C	.1934			251C	.3536						

TABLE 142.- TABULATED PRESSURE DATA FOR RUN 80 AT ALPHA = 4.45 DEGREES AND QINF = 12.99 KN/SQM (271.20 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	-.3238	155C	.3608	214A	-.5059	243C	.7461	313A	-.6696		
111A	-.1549	154C	.4188	213A	-.5253	244C	-.1563	312A	-.6520		
110A	-.6526	153C	.4699	212A	-.5288	245C	-.1765	311A	-.6361		
109A	-.9291	152C	.4162	211A	-.4936	246C	-.6263	310A	-.7997		
108A	-.8481	144C	.8095	210A	-.7477	247C	-.5533	309A	-1.1035		
101A	.0202	145C	.0471	208A	-1.1317	248C	-.4327	301A	-1.1977		
102A	.6684	147C	-.5770	201A	-.1400	249C	-.3129	303A	.6807		
103A	.6543	148C	-.4503	202A	.7521	250C	-.1774	304A	.4236		
104A	.3822	149C	-.2989	203A	.5997	264D	-.0361	305A	.2695		
105A	.1347	150C	-.2108	204A	.3663	263D	.3634	345E	.2983		
106A	-.0775	151C	-.0964	205A	.1418	262D	.3757	344E	.3370		
107A	-.2757	165D	.2604	206A	-.1101	256D	.8895	343E	.3317		
142B	.5147	164D	.2402	242B	.5341	257D	-.0982	342E	.3159		
141B	.3652	158D	.9353	241B	.3053	258D	-.2918	341E	.2402		
140B	.3687	159D	-.0612	240B	.2780	259D	-.2302	340E	.1645		
139B	.3599	160D	-.2637	238B	.1927	260D	-.1140	339E	.1030		
138B	.3317			237B	.0079			338E	-.0009		
137B	.2200			236B	.1170			337E	.0299		
136B	.0774			235B	.1909			336E	.1188		
135B	.1065			234B	.2877			335E	.2437		
133B	.6379			233B	.5042			334E	.4250		
132B	-.3273			232B	.7611			333E	.7637		
131B	-.5737			231B	-.0871			332E	.3757		
130B	-1.0075			230B	-1.8178			331E	-1.1597		
115B	-.6405			218B	-1.0744			315E	0.0000		
116B	-.6138			219B	-1.5042			317E	-1.3712		
117B	-1.1687			221B	-1.0383			318E	-1.2902		
118B	-1.6918			222B	-.8534			319E	-1.4831		
120B	-1.6116			223B	-.7566			320E	-.9159		
121B	-1.1756			224B	-.7055			321E	-.7329		
122B	-.8878			225B	-.6475			322E	-.6476		
123B	-.7566			226B	-.6897			323E	-.5728		
124B	-.6686			227B	-.5621			325E	-.4575		
125B	-.5594			228B	-.4987			326E	-.3898		
126B	-.5092			229B	-.4679			327E	-.2886		
127B	-.4309			255C	.2912			328E	-.1645		
128B	-.3983			254C	.4347			329E	-.1082		
129B	-.3517			253C	.4162			330E	-.0845		
157C	.1364			252C	.4443						
156C	.2085			251C	.3845						

TABLE 143 .- TABULATED PRESSURE DATA FOR RUN 80 AT ALPHA = 8.49 DEGREES AND QINF = 12.95 KN/SQM (270.50 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	-.3599	155C	.3825	214A	-.5598	243C	.7573	313A	-.5775		
111A	-.1601	154C	.4426	213A	-.5951	244C	-.1327	312A	-.5907		
110A	-.4076	153C	.4930	212A	-.6199	245C	-.1716	311A	-.5722		
109A	-.3696	152C	.4267	211A	-.6128	246C	-.6772	310A	-.5040		
108A	-.0426	144C	.8509	210A	-.4827	247C	-.5932	309A	-.4668		
101A	.5469	145C	.0643	208A	.0502	248C	-.4606	301A	.1156		
102A	.6485	147C	-.6012	201A	.6220	249C	-.3289	303A	.2729		
103A	.2862	148C	-.4571	202A	.5381	250C	-.1893	304A	-.0974		
104A	-.1133	149C	-.3007	203A	.0811	264D	-.0152	305A	-.2185		
105A	-.3351	150C	-.2123	204A	-.1540	263D	.3896	345E	.3024		
106A	-.4960	151C	-.0992	205A	-.3458	262D	.4064	344E	.3404		
107A	-.5579	165D	.2791	206A	-.5870	256D	.8836	343E	.3404		
142B	.5381	164D	.2676	242B	.6123	257D	-.0824	342E	.3289		
141B	.3905	158D	0.0000	241B	.3595	258D	-.2998	341E	.2591		
140B	.4055	159D	-.0541	240B	.3171	259D	-.2256	340E	.1973		
139B	.3931	160D	-.2697	238B	.2570	260D	-.1160	339E	.1540		
138B	.3701			237B	.1001			338E	.0736		
137B	.2756			236B	.2238			337E	.1284		
136B	.1598			235B	.3033			336E	.2300		
135B	.2093			234B	.4084			335E	.3545		
133B	.6105			233B	.5869			334E	.5109		
132B	.5204			232B	.7786			333E	.7538		
131B	-.4394			231B	.4738			332E	.6363		
130B	-1.6609			230B	-1.7727			331E	-.4927		
115B	-1.2517			218B	-1.7413			315E	-1.9260		
116B	-1.0890			219B	-2.2398			317E	-2.2495		
117B	-2.0851			221B	-1.4205			318E	-1.9914		
118B	-2.6180			222B	-1.1315			319E	-2.1584		
120B	-2.1620			223B	-.9759			320E	-1.2844		
121B	-1.5071			224B	-.8822			321E	-.9847		
122B	-1.1067			225B	-.7938			322E	-.8566		
123B	-.9149			226B	-.8168			323E	-.7312		
124B	-.7841			227B	-.6560			325E	-.5510		
125B	-.6286			228B	-.5711			326E	-.4494		
126B	-.5579			229B	-.5234			327E	-.3239		
127B	-.4571			255C	.3233			328E	-.1906		
128B	-.4218			254C	0.0000			329E	-.1358		
129B	-.3652			253C	.4585			330E	-.1155		
157C	.1580			252C	.4850						
156C	.2323			251C	.4364						

TABLE 144.- TABULATED PRESSURE DATA FOR RUN 80 AT ALPHA = 12.96 DEGREES AND QINF = 12.91 KN/SQM (269.70 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	-.2541	155C	.4121	214A	-.1709	243C	.7550	313A	-.2677		
111A	-.0062	154C	.4708	213A	-.4000	244C	-.1004	312A	-.3316		
110A	-.0551	153C	.5205	212A	-.4497	245C	-.1697	311A	-.2739		
109A	.2212	152C	.4672	211A	-.3671	246C	-.7213	310A	.0133		
108A	.5587	144C	.8580	210A	.0630	247C	-.6262	309A	.1936		
101A	.6635	145C	.0968	208A	0.0000	248C	-.4770	301A	.7346		
102A	.0737	147C	-.6094	201A	.6031	249C	-.3429	303A	-.9442		
103A	-.5543	148C	-.4344	202A	-.6254	250C	-.1945	304A	-1.0846		
104A	-.9949	149C	-.2727	203A	-1.1405	264D	.0053	305A	-1.0641		
105A	-1.0828	150C	-.1954	204A	-1.1619	263D	.4166	345E	.2890		
106A	-1.1734	151C	-.0924	205A	-1.1601	262D	.4406	344E	.3405		
107A	-1.1787	165D	.3046	206A	-1.3235	256D	.8749	343E	.3431		
142B	.5898	164D	.3020	242B	.6635	257D	-.0489	342E	.3396		
141B	.4388	158D	.9531	241B	.4565	258D	-.2958	341E	.2730		
140B	.4494	159D	-.0187	240B	.3748	259D	-.2194	340E	.2277		
139B	.4388	160D	-.2532	238B	.3349	260D	-.1119	339E	.2100		
138B	.4219			237B	.2188			338E	.1549		
137B	.3455			236B	.3529			337E	.2366		
136B	.2656			235B	.4426			336E	.3485		
135B	.3286			234B	.5438			335E	.4692		
133B	.6493			233B	.6841			334E	.6033		
132B	.6946			232B	.7791			333E	.7480		
131B	.1368			231B	.4852			332E	.6237		
130B	-1.5705			230B	-1.6101			331E	-.2535		
115B	-1.6753			218B	-2.5138			315E	-2.5315		
116B	-1.6317			219B	-3.1430			317E	-3.2680		
117B	-3.2170			221B	-1.8929			318E	-2.7740		
118B	-3.7593			222B	-1.4665			319E	-2.8344		
120B	-2.8025			223B	-1.2356			320E	-1.6957		
121B	-1.9186			224B	-1.0855			321E	-1.2585		
122B	-1.3511			225B	-.9504			322E	-1.0543		
123B	-1.0757			226B	-.9433			323E	-.8750		
124B	-.8998			227B	-.7470			325E	-.6024		
125B	-.7026			228B	-.6289			326E	-.4737		
126B	-.5863			229B	-.5605			327E	-.3467		
127B	-.4743			255C	.3526			328E	-.2322		
128B	-.4326			254C	.4983			329E	-.2002		
129B	-.3704			253C	.4992			330E	-.1825		
157C	.1839			252C	.5294						
156C	.2593			251C	.4974						

TABLE 145.- TABULATED PRESSURE DATA FOR RUN 80 AT ALPHA = 14.88 DEGREES AND QINF = 12.91 KN/SQM (269.70 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	-.2268	155C	.4120	214A	.0329	243C	.7532	313A	-.1572		
111A	.1304	154C	.4706	213A	0.0000	244C	-.1177	312A	-.2638		
110A	.0686	153C	.5239	212A	-.3855	245C	-.1879	311A	-.1768		
109A	.3789	152C	.4689	211A	-.2540	246C	-.7558	310A	0.0000		
108A	.6606	144C	.8544	210A	.2384	247C	-.6563	309A	.3664		
101A	.5371	145C	.0964	208A	.7531	248C	-.4981	301A	.7051		
102A	-.3527	147C	-.6225	201A	.2811	249C	-.3630	303A	-1.6370		
103A	-1.0459	148C	-.4545	202A	-1.3953	250C	-.2191	304A	-1.6103		
104A	-1.4655	149C	-.2919	203A	-1.8583	264D	-.0127	305A	-1.4681		
105A	-1.4601	150C	-.2102	204A	-1.7126	263D	.4102	345E	.2602		
106A	-1.4948	151C	-.1071	205A	-1.6015	262D	.4369	344E	.3224		
107A	-1.3588	165D	.3001	206A	-1.7046	256D	0.0000	343E	.3286		
142B	.5897	164D	.2983	242B	0.0000	257D	-.0635	342E	.3207		
141B	.4378	158D	.9424	241B	.4813	258D	-.3204	341E	.2620		
140B	.4511	159D	-.0253	240B	.3898	259D	-.2404	340E	.2203		
139B	.4440	160D	-.2786	238B	.3534	260D	-.1320	339E	.2078		
138B	.4280			237B	.2425			338E	.1625		
137B	.3543			236B	.3828			337E	0.0000		
136B	.2805			235B	.4645			336E	.3739		
135B	.3596			234B	.5791			335E	.4947		
133B	.6661			233B	.7026			334E	.6200		
132B	.6910			232B	.7665			333E	.7372		
131B	.2112			231B	.4663			332E	.5996		
130B	-1.4866			230B	-1.5633			331E	-.2514		
115B	-1.7895			218B	-2.8671			315E	-2.8067		
116B	-1.9179			219B	-3.5324			317E	-3.6743		
117B	-3.7333			221B	-2.1252			318E	-3.1052		
118B	-4.3085			222B	-1.6364			319E	-3.0849		
120B	-3.1105			223B	-1.3645			320E	-1.8637		
121B	-2.0976			224B	-1.2010			321E	-1.3848		
122B	-1.4623			225B	-1.0339			322E	-1.1467		
123B	-1.1566			226B	-1.0144			323E	-.9398		
124B	-.9726			227B	-.7896			325E	-.6360		
125B	-.7478			228B	-.6607			326E	-.5214		
126B	-.6136			229B	0.0000			327E	-.3970		
127B	-.4954			255C	.3489			328E	-.3189		
128B	-.4483			254C	.4964			329E	-.2860		
129B	-.3781			253C	.5017			330E	-.2727		
157C	.1792			252C	.5382						
156C	.2574			251C	.5071						

TABLE 146.- TABULATED PRESSURE DATA FOR RUN 80 AT ALPHA = 16.90 DEGREES AND QINF = 13.17 KN/SQM (275.10 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	-.1469	155C	.4386	214A	.3307	243C	.7557	313A	.0659		
111A	.3497	154C	.4987	213A	-.1972	244C	-.0771	312A	-.1092		
110A	.2676	153C	.5457	212A	-.2643	245C	-.1486	311A	-.0334		
109A	.5483	152C	.4926	211A	-.1354	246C	-.7179	310A	.3382		
108A	.7104	144C	.8629	210A	.4193	247C	-.6063	309A	.5221		
101A	.3138	145C	.1339	208A	0.0000	248C	-.4511	301A	.6110		
102A	-.8487	147C	-.5828	201A	-.2213	249C	0.0000	303A	-2.3102		
103A	-1.5625	148C	0.0000	202A	-2.3381	250C	-.1948	304A	-2.0244		
104A	-1.9076	149C	-.2541	203A	-2.6466	264D	.0047	305A	0.0000		
105A	-1.7882	150C	-.1773	204A	-2.2780	263D	.4229	345E	.2261		
106A	-1.7734	151C	-.0832	205A	-1.9651	262D	.4577	344E	.2941		
107A	-1.5634	165D	.3297	206A	-2.1595	256D	.8654	343E	.3133		
142B	.6181	164D	.3305	242B	.6764	257D	-.0300	342E	.3133		
141B	.4717	158D	.9456	241B	.5309	258D	-.2977	341E	.2593		
140B	.4787	159D	.0145	240B	.4264	259D	-.2201	340E	.2253		
139B	.4682	160D	-.2375	238B	.4028	260D	-.1277	339E	.2166		
138B	.4569			237B	.3037			338E	.1887		
137B	0.0000			236B	.4413			337E	.2941		
136B	.3445			235B	.5310			336E	.4134		
135B	.4220			234B	.6330			335E	.5371		
133B	.6982			233B	.7410			334E	.6539		
132B	.6930			232B	.7636			333E	.7410		
131B	.2713			231B	.4727			332E	.6112		
130B	-1.2666			230B	-1.4054			331E	-.1676		
115B	-1.7153			218B	-3.0878			315E	-2.9194		
116B	-2.0575			219B	-3.7709			317E	-3.8539		
117B	-4.0758			221B	-2.2245			318E	-3.1508		
118B	-4.6355			222B	-1.6962			319E	-3.0334		
120B	-3.2476			223B	-1.4085			320E	-1.8152		
121B	-2.1992			224B	-1.2114			321E	-1.2983		
122B	-1.4730			225B	-1.0248			322E	-1.0709		
123B	-1.1556			226B	-.9865			323E	-.8410		
124B	-.9420			227B	-.7458			325E	-.6560		
125B	-.7092			228B	-.6133			326E	-.6371		
126B	-.5680			229B	-.5383			327E	-.6397		
127B	-.4424			255C	.3758			328E	-.6780		
128B	-.4058			254C	.5187			329E	0.0000		
129B	0.0000			253C	.5248			330E	-.4368		
157C	.2059			252C	.5614						
156C	.2870			251C	.5344						

TABLE 147.- TABULATED PRESSURE DATA FOR RUN 80 AT ALPHA = 18.87 DEGREES AND QINF = 13.12 KN/SQM (274.00 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	-.0988	155C	.4483	214A	.4509	243C	.7633	313A	.2493		
111A	.4910	154C	.5067	213A	-.0526	244C	-.0563	312A	.0181		
110A	.3920	153C	.5547	212A	-.1782	245C	-.1270	311A	.1054		
109A	0.0000	152C	.4989	211A	-.0604	246C	-.6899	310A	.4575		
108A	.6845	144C	.8645	210A	.5352	247C	-.5869	309A	.6164		
101A	.0384	145C	.1471	208A	.4182	248C	-.4368	301A	.3606		
102A	-1.3856	147C	0.0000	201A	-.7692	249C	-.3260	303A	-2.0265		
103A	-2.0728	148C	-.3984	202A	-3.2554	250C	-.2099	304A	-2.4368		
104A	-2.3626	149C	-.2413	203A	-3.3835	264D	-.0116	305A	-2.0955		
105A	-2.1452	150C	-.1689	204A	-2.7486	263D	.4282	345E	.1769		
106A	-2.0448	151C	-.0842	205A	-2.2352	262D	.4614	344E	.2869		
107A	-1.7986	165D	.3287	206A	-2.4307	256D	.8653	343E	.3148		
142B	.6359	164D	.3305	242B	.6786	257D	-.0397	342E	.3148		
141B	.4849	158D	.9386	241B	.5626	258D	-.3137	341E	.2677		
140B	.4901	159D	.0196	240B	.4247	259D	-.2448	340E	.2380		
139B	.4779	160D	-.2483	238B	.4186	260D	-.1532	339E	.2066		
138B	.4744			237B	.3235			338E	.2232		
137B	.4186			236B	.4657			337E	.3235		
136B	0.0000			235B	.5547			336E	.4457		
135B	.4544			234B	.6533			335E	.5661		
133B	.7135			233B	.7510			334E	.6751		
132B	.6943			232B	.7589			333E	.7440		
131B	.2947			231B	.4675			332E	.5966		
130B	-1.1755			230B	-1.3169			331E	-.1407		
115B	-1.7278			218B	-3.2797			315E	-3.0720		
116B	-2.2535			219B	-3.9425			317E	-2.8009		
117B	-4.4564			221B	-2.3018			318E	-3.2970		
118B	-5.0094			222B	-1.7258			319E	-3.1239		
120B	-3.4146			223B	-1.4151			320E	-1.8781		
121B	-2.2957			224B	-1.2074			321E	-1.3579		
122B	-1.5268			225B	-1.0067			322E	-1.0481		
123B	-1.1673			226B	-.9630			323E	-.9740		
124B	-.9377			227B	-.7152			325E	-.6817		
125B	-.6881			228B	-.5756			326E	-.6660		
126B	-.5415			229B	-.5145			327E	-.6031		
127B	-.4220			255C	.3741			328E	-.5621		
128B	-.3844			254C	.5233			329E	-.5010		
129B	-.3207			253C	.5312			330E	-.4661		
157C	.2179			252C	.5643						
156C	.2973			251C	.5434						

TABLE 148.- TABULATED PRESSURE DATA FOR RUN 80 AT ALPHA = 20.94 DEGREES AND QINF = 13.07 KN/SQM (272.90 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	-.0604	155C	.4413	214A	.5110	243C	.7549	313A	.2671		
111A	.5563	154C	.5041	213A	.0929	244C	-.0741	312A	.0903		
110A	.4814	153C	.5554	212A	-.0622	245C	-.1551	311A	.1896		
109A	.7053	152C	.5032	211A	.0171	246C	-.7526	310A	.5171		
108A	.6007	144C	.8682	210A	.6147	247C	-.6690	309A	.6382		
101A	-.2843	145C	.1584	208A	.1521	248C	-.5671	301A	.3368		
102A	-1.9751	147C	-.5749	201A	-1.2800	249C	-.4025	303A	-2.7243		
103A	-2.6441	148C	-.3859	202A	-4.0917	250C	-.3641	304A	-2.0875		
104A	-2.8227	149C	-.2405	203A	-3.9976	264D	-.1179	305A	-1.7364		
105A	-2.4455	150C	-.1760	204A	-2.9159	263D	.3725	345E	.1844		
106A	-2.3114	151C	-.1011	205A	-2.4882	262D	.4126	344E	.2750		
107A	-1.9873	165D	.3194	206A	-2.5091	256D	.8499	343E	.2802		
142B	.6469	164D	.3281	242B	.6617	257D	-.1708	342E	.3063		
141B	.4875	158D	.9353	241B	.5607	258D	-.4364	341E	.2410		
140B	.4962	159D	.0156	240B	.4056	259D	-.3798	340E	.2157		
139B	.4875	160D	-.2570	238B	.4230	260D	-.3450	339E	.2244		
138B	.4805			237B	.3159			338E	.2000		
137B	.4256			236B	.4770			337E	.3150		
136B	.3969			235B	.5668			336E	.4370		
135B	.4814			234B	.6713			335E	.5546		
133B	.7218			233B	.7654			334E	.6609		
132B	.6861			232B	.7576			333E	.7314		
131B	.3098			231B	.4823			332E	.6217		
130B	-1.0692			230B	-1.1990			331E	.0136		
115B	-1.7042			218B	-3.3588			315E	-2.3375		
116B	-2.3976			219B	0.0000			317E	-2.7147		
117B	-4.7401			221B	-2.1173			318E	-2.0953		
118B	-5.2546			222B	-1.6479			319E	-1.7434		
120B	-3.4745			223B	-1.3265			320E	-1.2730		
121B	-2.3254			224B	-1.1375			321E	-1.1484		
122B	-1.5181			225B	-.9433			322E	-.9899		
123B	-1.1575			226B	-.8762			323E	-.9141		
124B	-.9093			227B	-.6838			325E	-.8148		
125B	-.6759			228B	-.6150			326E	-.7913		
126B	-.5314			229B	-.6576			327E	-.7730		
127B	-.4155			255C	.3255			328E	-.7704		
128B	-.3755			254C	.4927			329E	-.7059		
129B	-.3232			253C	.4988			330E	-.6327		
157C	.2061			252C	.5485						
156C	.2906			251C	.5171						

TABLE 149 .- TABULATED PRESSURE DATA FOR RUN 80 AT ALPHA = 25.21 DEGREES AND QINF = 12.96 KN/SQM (270.70 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	.1475	155C	.3857	214A	.5509	243C	.7310	313A	.5013		
111A	.5327	154C	.4718	213A	.4004	244C	-.0450	312A	.3160		
110A	0.0000	153C	.5379	212A	0.0000	245C	-.1989	311A	.3943		
109A	.7187	152C	.5049	211A	.1881	246C	-.7974	310A	.6665		
108A	.5126	144C	.8179	210A	.7361	247C	-.6773	309A	.6857		
101A	-.4921	145C	0.0000	208A	-.5425	248C	-.5886	301A	-.3972		
102A	-2.1743	147C	-1.0366	201A	-2.7249	249C	-.5129	303A	-4.0480		
103A	-2.5239	148C	-.8148	202A	-5.9350	250C	-.4494	304A	-2.7414		
104A	-2.5935	149C	-.6234	203A	0.0000	264D	-.1656	305A	-2.1978		
105A	-2.1708	150C	-.5825	204A	-3.8972	263D	.3753	345E	.1707		
106A	-2.0334	151C	-.4686	205A	-3.1817	262D	.4292	344E	.2638		
107A	-1.7246	165D	.2040	206A	-3.0601	256D	.8362	343E	.2856		
142B	.6257	164D	.2518	242B	.6501	257D	-.1398	342E	.2890		
141B	.4640	158D	.9197	241B	.5962	258D	-.5573	341E	.2308		
140B	.4736	159D	-.2076	240B	.4336	259D	-.4651	340E	.2342		
139B	.4631	160D	-.8252	238B	.4596	260D	-.3816	339E	.2577		
138B	.4709			237B	.3830			338E	.2490		
137B	.4292			236B	.5361			337E	.3665		
136B	.4101			235B	.6309			336E	.4943		
135B	.5049			234B	.7170			335E	.6083		
133B	.7284			233B	.7874			334E	.6918		
132B	.6901			232B	.7492			333E	.7300		
131B	.4031			231B	.4952			332E	.6204		
130B	-.7100			230B	-1.0235			331E	.1090		
115B	-1.3726			218B	-3.5989			315E	0.0000		
116B	-1.9968			219B	-4.2566			317E	-2.6109		
117B	-3.7334			221B	-2.3569			318E	-1.7176		
118B	-4.0127			222B	-1.7342			319E	-1.3601		
120B	-2.4109			223B	-1.3653			320E	-1.1070		
121B	-1.6072			224B	-1.1262			321E	-1.1096		
122B	-1.0566			225B	-.9096			322E	-1.0653		
123B	-.8530			226B	-.8617			323E	-.9905		
124B	-.7173			227B	-.6999			325E	-.8826		
125B	-.5538			228B	-.6077			326E	-.9078		
126B	-.6695			229B	-.5930			327E	-.8156		
127B	-.6190			255C	.3362			328E	-.7774		
128B	-.6512			254C	.4979			329E	-.7286		
129B	-.7339			253C	.5249			330E	-.6826		
157C	.0692			252C	.5718						
156C	.1857			251C	.5579						

RUN NUMBER 80 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

				UNCORRECTED				CORRECTED FOR STRUT INTERFERENCE				
MACH	Q,PSF	R	ALPHA,DEG	CL	CD	CM	L/D	CL	CD	CM	L/D	ISUBT
.201	270.30	4.09	-5.92	-.1350	.1251	-.2310	-1.08	-.2619	.1287	-.2951	-2.04	OFF
.201	270.30	4.08	-3.92	.0650	.0937	-.2018	.69	-.0599	.0971	-.2461	-.62	OFF
.202	272.00	4.09	-1.80	.3090	.0661	-.2005	4.67	.1872	.0692	-.2273	2.71	OFF
.202	272.30	4.09	.64	.5900	.0558	-.1949	10.57	.4803	.0580	-.2153	8.28	OFF
.202	271.50	4.08	2.45	.7600	.0615	-.1763	12.36	.6653	.0620	-.2140	10.73	OFF
.202	271.20	4.07	4.45	.9610	.0723	-.1516	13.29	.8799	.0716	-.2039	12.29	OFF
.201	269.80	4.06	6.51	1.1820	.0861	-.1218	13.73	1.1120	.0879	-.1845	12.66	OFF
.202	270.50	4.06	8.49	1.3680	.1047	-.0984	13.07	1.3080	.1066	-.1579	12.28	OFF
.201	268.30	4.01	.59	1.6040	-.1163	-.0652	-13.79	1.4939	-.1141	-.0855	-13.09	OFF
.201	269.70	4.04	12.96	1.8250	.1499	-.0148	12.17	1.7748	.1545	-.0376	11.49	OFF
.201	269.70	4.04	14.88	1.9800	.1758	.0294	11.26	1.9420	.1780	.0293	10.91	OFF
.203	275.10	4.07	16.90	2.1120	.2669	.0948	7.91	2.0952	.2670	.0664	7.85	OFF
.203	274.00	4.07	18.87	2.2070	.3275	.1582	6.74	2.2034	.3275	.1308	6.73	OFF
.202	272.90	4.07	20.94	2.1410	.3995	.1525	5.36	2.1410	.3995	.1304	5.36	OFF
.201	270.90	4.06	23.04	2.1280	.4813	.1039	4.42	2.1280	.4813	.0860	4.42	OFF
.201	270.70	4.06	25.21	2.1980	.5696	.1488	3.86	2.1980	.5696	.1365	3.86	OFF
.201	270.00	4.06	26.95	2.2350	.6030	.2008	3.71	2.2350	.6030	.1926	3.71	OFF

TAKE-OFF WING CONFIGURATION, ASPECT RATIO 12, INBOARD SLATS -50, OUTBOARD SLATS -50, FLAPS 15

Table 150 . Tabulated longitidinal data for run 80.

TABLE 151 .- TABULATED PRESSURE DATA FOR RUN 76 AT ALPHA = -5.99 DEGREES AND QINF = 12.97 KN/SQM (270.80 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	-.6121	155C	.2209	214A	-.8550	243C	-.4280	313A	-.5708		
111A	-.6700	154C	.2191	213A	-.7243	244C	-.3070	312A	-.5164		
110A	-.6562	153C	.2384	212A	-.6971	245C	-.3439	311A	-.5488		
109A	-1.0950	152C	.2209	211A	-.6804	246C	-.3368	310A	-.6352		
108A	-2.7569	144C	.2595	210A	-.8317	247C	-.3281	309A	-.5571		
101A	-2.1839	145C	-.0912	208A	-.8422	248C	-.2974	301A	-.6264		
102A	-.6360	147C	-.4720	201A	-1.0643	249C	-.2491	303A	.5283		
103A	.4345	148C	-.4263	202A	.0879	250C	-.1877	304A	.7310		
104A	.7565	149C	-.3281	203A	.6731	264D	-.0246	305A	.6889		
105A	.7521	150C	-.2052	204A	.7688	263D	.0113	345E	-.1734		
106A	.6275	151C	-.0982	205A	.6933	262D	-.0308	344E	-.2041		
107A	.3774	165D	.1990	206A	.5283	256D	-.1210	343E	-.2111		
142B	.2174	164D	.1779	242B	-.2930	257D	-.1754	342E	-.2225		
141B	.1385	158D	.4967	241B	-.2544	258D	-.1289	341E	-.2453		
140B	.0999	159D	-.0315	240B	-.2658	259D	-.0912	340E	-.2953		
139B	.0806	160D	-.1780	238B	-.4131	260D	-.0473	339E	-.3269		
138B	.0166			237B	-.5462			338E	-.3664		
137B	-.0904			236B	-.5418			337E	-.4094		
136B	-.2298			235B	-.5848			336E	-.4436		
135B	-.3894			234B	-.6006			335E	-.5120		
133B	-.6385			233B	-.6409			334E	-.5287		
132B	-.6174			232B	-.7252			333E	-.5436		
131B	-.6306			231B	-.7655			332E	-.5716		
130B	-.9278			230B	-.8567			331E	-.5962		
115B	-1.0164			218B	-.1710			315E	-.5632		
116B	-.8440			219B	-.2763			317E	.0589		
117B	.4467			221B	-.2526			318E	-.2570		
118B	-.1394			222B	-.2298			319E	-.2807		
120B	-.4983			223B	-.2491			320E	-.2386		
121B	-.3439			224B	-.2772			321E	-.2286		
122B	-.3044			225B	-.3263			322E	-.2681		
123B	-.3114			226B	-.4965			323E	-.2672		
124B	-.3175			227B	-.3790			325E	-.3339		
125B	-.3202			228B	-.3965			326E	-.3699		
126B	-.3517			229B	-.3781			327E	-.3462		
127B	-.3167			255C	-.0939			328E	-.3269		
128B	-.3193			254C	-.1246			329E	-.2865		
129B	-.3228			253C	-.1702			330E	-.2242		
157C	.0718			252C	-.2158						
156C	.1455			251C	-.2895						

TABLE 152 .- TABULATED PRESSURE DATA FOR RUN 76 AT ALPHA = -3.83 DEGREES AND QINF = 13.06 KN/SQM (272.70 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	-.5133	155C	.2990	214A	-.6175	243C	-.0945	313A	-.5032		
111A	-.5552	154C	.3365	213A	-.6105	244C	-.2670	312A	-.4909		
110A	-.5489	153C	.3714	212A	-.5843	245C	-.2696	311A	-.5154		
109A	-1.5353	152C	.3435	211A	-.5721	246C	-.3891	310A	-.6405		
108A	-2.6369	144C	.5076	210A	-.9208	247C	-.3917	309A	-.5437		
101A	-1.7884	145C	-.0166	208A	-3.0734	248C	-.3411	301A	-.6013		
102A	-.2818	147C	-.5086	201A	-2.0381	249C	-.2425	303A	.5981		
103A	.5807	148C	-.4458	202A	.0752	250C	-.1379	304A	.7168		
104A	.7640	149C	-.3298	203A	.7352	264D	.0312	305A	.6409		
105A	.6776	150C	-.2050	204A	.7806	263D	.2598	345E	-.0240		
106A	.5196	151C	-.0873	205A	.6566	262D	.2580	344E	-.0668		
107A	.2568	165D	.2257	206A	.4646	256D	.3934	343E	-.0659		
142B	.3688	164D	.2074	242B	.0137	257D	-.1108	342E	-.0965		
141B	.2598	158D	.7467	241B	.0233	258D	-.1544	341E	-.1261		
140B	.2318	159D	-.0445	240B	-.0360	259D	-.1047	340E	-.1899		
139B	.2205	160D	-.2129	238B	-.1774	260D	-.0271	339E	-.2483		
138B	.1821			237B	-.3138			338E	-.3112		
137B	.0661			236B	-.3487			337E	-.3775		
136B	-.0596			235B	-.4168			336E	-.4281		
135B	-.1451			234B	-.5546			335E	-.5049		
133B	-.6154			233B	-.7161			334E	-.5250		
132B	-.5264			232B	-.6576			333E	-.5285		
131B	-.5403			231B	-.6114			332E	-.5477		
130B	-.6756			230B	-.6690			331E	-.5581		
115B	-.7175			218B	-.2250			315E	-.5114		
116B	-.6929			219B	-.4276			317E	.0866		
117B	.3458			221B	-.3603			318E	-.3455		
118B	-.3839			222B	-.3184			319E	-.4101		
120B	-.7139			223B	-.3193			320E	-.3184		
121B	-.4850			224B	-.3324			321E	-.2928		
122B	-.4126			225B	-.3647			322E	-.3103		
123B	-.3926			226B	-.4964			323E	-.2972		
124B	-.3873			227B	-.4030			325E	-.3382		
125B	-.3664			228B	-.4004			326E	-.3487		
126B	-.3812			229B	-.3786			327E	-.3051		
127B	-.3306			255C	.1708			328E	-.2422		
128B	-.3350			254C	.2214			329E	-.1715		
129B	-.3149			253C	.1795			330E	-.0956		
157C	.1097			252C	.1594						
156C	.1778			251C	.1603						

TABLE 153 .- TABULATED PRESSURE DATA FOR RUN 76 AT ALPHA = .43 DEGREES AND QINF = 13.05 KN/SQM (272.60 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	-.3575	155C	.3364	214A	-.3534	243C	.6418	313A	-.5022		
111A	-.2595	154C	.3880	213A	-.3683	244C	-.2114	312A	-.5442		
110A	-.7084	153C	.4300	212A	-.3753	245C	-.1781	311A	-.5670		
109A	-1.4539	152C	.3775	211A	-.3631	246C	-.5369	310A	-.7740		
108A	-1.8196	144C	.7082	210A	-.6708	247C	-.4975	309A	-1.0059		
101A	-.8247	145C	.0564	208A	-2.4864	248C	-.4065	301A	-2.5144		
102A	.3136	147C	-.5369	201A	-1.2964	249C	-.2927	303A	.6566		
103A	.7275	148C	-.4494	202A	.4703	250C	-.1606	304A	.6829		
104A	.6610	149C	-.3068	203A	.7564	264D	-.0285	305A	.5586		
105A	.4580	150C	-.2035	204A	.6592	263D	.3346	345E	.3012		
106A	.2524	151C	-.0898	205A	.4667	262D	.3390	344E	.3117		
107A	.0144	165D	.2410	206A	.2506	256D	.8474	343E	.3056		
142B	.4807	164D	.2235	242B	.4274	257D	-.1081	342E	.2811		
141B	.3451	158D	.8701	241B	.2690	258D	-.2647	341E	.2058		
140B	.3302	159D	-.0574	240B	.2191	259D	-.1869	340E	.1376		
139B	.3154	160D	-.2411	238B	.1343	260D	-.0924	339E	.0614		
138B	.2830			237B	-.0471			338E	-.0646		
137B	.1622			236B	.0422			337E	-.0646		
136B	.0030			235B	.1270			336E	.0133		
135B	.0336			234B	.2837			335E	.1901		
133B	-.2394			233B	.1962			334E	.4377		
132B	-.4949			232B	-.4935			333E	-.7044		
131B	-.4538			231B	-.4506			332E	-.6519		
130B	-.4345			230B	-.6072			331E	-.7543		
115B	-.4083			218B	-.5587			315E	-.6751		
116B	-.4004			219B	-.8738			317E	-.6638		
117B	-.4459			221B	-.7066			318E	-.6917		
118B	-.8878			222B	-.5964			319E	-.7793		
120B	-1.1415			223B	-.5299			320E	-.5631		
121B	-.8274			224B	-.5106			321E	-.4611		
122B	-.6532			225B	-.4931			322E	-.4322		
123B	-.5736			226B	-.5658			323E	-.3928		
124B	-.5299			227B	-.4852			325E	-.3674		
125B	-.4660			228B	-.4450			326E	-.3351		
126B	-.4476			229B	-.4196			327E	-.2598		
127B	-.3794			255C	.2567			328E	-.1504		
128B	-.3706			254C	.3941			329E	-.0716		
129B	-.3374			253C	.3687			330E	-.0051		
157C	.1281			252C	.3976						
156C	.1955			251C	.3408						

TABLE 154.- TABULATED PRESSURE DATA FOR RUN 76 AT ALPHA = 4.45 DEGREES AND QINF = 12.90 KN/SQM (269.40 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	-.3279	155C	.3672	214A	-.5103	243C	.7470	313A	-.6298		
111A	-.1481	154C	.4229	213A	-.5262	244C	-.1575	312A	-.6307		
110A	-.6559	153C	.4734	212A	-.5280	245C	-.1682	311A	-.6130		
109A	-.9056	152C	.4097	211A	-.4935	246C	-.6173	310A	-.7940		
108A	-.8232	144C	.8125	210A	-.7515	247C	-.5393	309A	-1.1013		
101A	.0393	145C	.0453	208A	-1.0916	248C	-.4197	301A	-1.2368		
102A	.6752	147C	-.5730	201A	-.1280	249C	-.3099	303A	.6841		
103A	.6478	148C	-.4498	202A	.7540	250C	-.1682	304A	.4370		
104A	.3741	149C	-.2993	203A	.5946	264D	-.0313	305A	.2855		
105A	.1261	150C	-.2062	204A	.3555	263D	.3672	345E	.2831		
106A	-.0855	151C	-.1008	205A	.1323	262D	.3804	344E	.3167		
107A	-.2804	165D	.2600	206A	-.1192	256D	.8868	343E	.3140		
142B	.5124	164D	.2459	242B	.5389	257D	-.0946	342E	.2955		
141B	.3645	158D	.9409	241B	.3078	258D	-.2948	341E	.2193		
140B	.3751	159D	-.0654	240B	.2769	259D	-.2124	340E	.1520		
139B	.3557	160D	-.2674	238B	.1936	260D	-.1132	339E	.0838		
138B	.3344			237B	.0121			338E	-.0189		
137B	.2175			236B	.1184			337E	.0121		
136B	.0759			235B	.1919			336E	.0989		
135B	.1051			234B	.2910			335E	.2264		
133B	.6346			233B	.5035			334E	.4123		
132B	-.3181			232B	.7638			333E	.7559		
131B	-.5838			231B	-.0596			332E	.3132		
130B	-1.0327			230B	-1.7915			331E	-1.2106		
115B	-.6404			218B	-1.0818			315E	-1.2147		
116B	-.6072			219B	-1.5114			317E	-1.3103		
117B	-1.1908			221B	-1.0469			318E	-1.2377		
118B	-1.7221			222B	-.8617			319E	-1.4086		
120B	-1.6265			223B	-.7537			320E	-.8587		
121B	-1.1629			224B	-.6996			321E	-.6918		
122B	-.8874			225B	-.6412			322E	-.6183		
123B	-.7528			226B	-.6943			323E	-.5342		
124B	-.6660			227B	-.5650			325E	-.4067		
125B	-.5597			228B	-.4977			326E	-.3421		
126B	-.5065			229B	-.4631			327E	-.2491		
127B	-.4233			255C	.2928			328E	-.1419		
128B	-.3949			254C	.4380			329E	-.1021		
129B	-.3453			253C	.4229			330E	-.0800		
157C	.1343			252C	.4469						
156C	.2096			251C	.3884						

TABLE 155 .- TABULATED PRESSURE DATA FOR RUN 76 AT ALPHA = 8.57 DEGREES AND QINF = 12.94 KN/SQM (270.20 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	-.3520	155C	.3908	214A	-.5572	243C	.7565	313A	-.5687		
111A	-.1435	154C	.4421	213A	-.5926	244C	-.1388	312A	-.5864		
110A	-.3964	153C	.4924	212A	-.6200	245C	-.1714	311A	-.5678		
109A	-.3328	152C	.4306	211A	-.6049	246C	-.6689	310A	-.5254		
108A	-.0130	144C	.8545	210A	-.4654	247C	-.5938	309A	-.5095		
101A	.5656	145C	.0716	208A	.0780	248C	-.4560	301A	.0514		
102A	.6407	147C	-.5894	201A	.6363	249C	-.3261	303A	.3253		
103A	.2750	148C	-.4489	202A	.5232	250C	-.1838	304A	-.0607		
104A	-.1208	149C	-.2934	203A	.0665	264D	-.0110	305A	-.1809		
105A	-.3470	150C	-.2068	204A	-.1668	263D	.3899	345E	.2767		
106A	-.5078	151C	-.0990	205A	-.3514	262D	.4094	344E	.3138		
107A	-.5625	165D	.2822	206A	-.6005	256D	.8818	343E	.3165		
142B	.5436	164D	.2716	242B	.6187	257D	-.0778	342E	.2997		
141B	.3988	158D	.9570	241B	.3652	258D	-.3022	341E	.2343		
140B	.4094	159D	-.0504	240B	.3184	259D	-.2165	340E	.1716		
139B	.3961	160D	-.2713	238B	.2566	260D	-.1087	339E	.1204		
138B	.3732			237B	.1106			338E	.0400		
137B	.2725			236B	.2255			337E	.0912		
136B	.1621			235B	.3085			336E	.2025		
135B	.2098			234B	.4154			335E	.3271		
133B	.6116			233B	.5859			334E	.4870		
132B	.5401			232B	.7794			333E	.7414		
131B	-.4094			231B	.4728			332E	.6274		
130B	-1.6627			230B	-1.7508			331E	-.5007		
115B	-1.2829			218B	-1.7331			315E	-1.8771		
116B	-1.0979			219B	-2.2596			317E	-2.1421		
117B	-2.1174			221B	-1.4094			318E	-1.8948		
118B	-2.6369			222B	-1.1152			319E	-2.0397		
120B	-2.1713			223B	-.9756			320E	-1.2057		
121B	-1.5101			224B	-.8801			321E	-.9168		
122B	-1.1019			225B	-.7909			322E	-.7843		
123B	-.9102			226B	-.8130			323E	-.6632		
124B	-.7829			227B	-.6495			325E	-.4989		
125B	-.6318			228B	-.5638			326E	-.4053		
126B	-.5549			229B	-.5169			327E	-.2887		
127B	-.4498			255C	.3228			328E	-.1632		
128B	-.4180			254C	.4659			329E	-.1217		
129B	-.3623			253C	.4562			330E	-.1014		
157C	.1568			252C	.4871						
156C	.2327			251C	.4376						

TABLE 156.- TABULATED PRESSURE DATA FOR RUN 76 AT ALPHA = 12.68 DEGREES AND QINF = 12.99 KN/SQM (271.40 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	-.2745	155C	.4149	214A	-.2295	243C	.7600	313A	-.3467		
111A	-.0641	154C	.4668	213A	-.4268	244C	-.1011	312A	-.3846		
110A	-.1095	153C	.5196	212A	-.4823	245C	-.1672	311A	-.3502		
109A	.1618	152C	.4624	211A	-.4083	246C	-.7091	310A	-.1068		
108A	.4992	144C	.8568	210A	.0024	247C	-.6272	309A	.0412		
101A	.6859	145C	.0962	208A	.7000	248C	-.4765	301A	.6727		
102A	.1944	147C	-.6016	201A	.6709	249C	-.3399	303A	-.5260		
103A	-.4063	148C	-.4404	202A	-.3913	250C	-.1910	304A	-.7762		
104A	-.8431	149C	-.2738	203A	-.9250	264D	.0169	305A	-.8026		
105A	-.9664	150C	-.1910	204A	-.9902	263D	.4131	345E	.2497		
106A	-1.0686	151C	-.0941	205A	-1.0369	262D	.4369	344E	.2938		
107A	-1.0334	165D	.3039	206A	-1.2025	256D	.8734	343E	.3052		
142B	.5804	164D	.2978	242B	.6640	257D	-.0544	342E	.2920		
141B	.4342	158D	.9527	241B	.4316	258D	-.2924	341E	.2312		
140B	.4430	159D	-.0183	240B	.3656	259D	-.2148	340E	.1881		
139B	.4334	160D	-.2580	238B	.3216	260D	-.1099	339E	.1484		
138B	.4166			237B	.2101			338E	.0912		
137B	.3339			236B	.3369			337E	.1660		
136B	.2494			235B	.4215			336E	.2806		
135B	.3127			234B	.5272			335E	.4118		
133B	.6420			233B	.6717			334E	.5572		
132B	.6904			232B	.7827			333E	.7325		
131B	.1023			231B	.4920			332E	.6285		
130B	-1.6302			230B	-1.6179			331E	-.2692		
115B	-1.6601			218B	-2.3880			315E	-2.3704		
116B	-1.5618			219B	-2.9873			317E	-2.9384		
117B	-3.0379			221B	-1.8167			318E	-2.4998		
118B	-3.5930			222B	-1.4141			319E	-2.5509		
120B	-2.7147			223B	-1.1876			320E	-1.5107		
121B	-1.8617			224B	-1.0519			321E	-1.1219		
122B	-1.3048			225B	-.9241			322E	-.9378		
123B	-1.0422			226B	-.9294			323E	-.7757		
124B	-.8827			227B	-.7232			325E	-.5246		
125B	-.6889			228B	-.6140			326E	-.4092		
126B	-.5717			229B	-.5452			327E	-.2832		
127B	-.4642			255C	.3497			328E	-.2313		
128B	-.4236			254C	.4923			329E	-.2110		
129B	-.3602			253C	.4906			330E	-.2013		
157C	.1816			252C	.5240						
156C	.2634			251C	.4862						

TABLE 157.- TABULATED PRESSURE DATA FOR RUN 76 AT ALPHA = 14.66 DEGREES AND QINF = 12.97 KN/SQM (270.80 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	-.2119	155C	.4255	214A	.0017	243C	.7592	313A	-.2375		
111A	.1200	154C	.4802	213A	-.3329	244C	-.0883	312A	-.2958		
110A	.0547	153C	.5332	212A	-.3770	245C	-.1625	311A	-.2367		
109A	.3522	152C	.4811	211A	-.2517	246C	-.7152	310A	.0697		
108A	.6471	144C	.8616	210A	.2074	247C	-.6260	309A	.2551		
101A	.5879	145C	.1094	208A	.7681	248C	-.4688	301A	.7327		
102A	-.1952	147C	-.5960	201A	.4105	249C	-.3355	303A	-1.1248		
103A	-.8591	148C	-.4256	202A	-1.1257	250C	-.1890	304A	-1.2122		
104A	-1.2802	149C	-.2658	203A	-1.5892	264D	.0167	305A	-1.1584		
105A	-1.2970	150C	-.1855	204A	-1.4903	263D	.4184	345E	.2277		
106A	-1.3535	151C	-.0839	205A	-1.4259	262D	.4476	344E	.2825		
107A	-1.2475	165D	.3143	206A	-1.5442	256D	.8696	343E	.2913		
142B	.5968	164D	.3098	242B	.6745	257D	-.0442	342E	.2816		
141B	.4502	158D	.9490	241B	.4794	258D	-.2932	341E	.2286		
140B	.4599	159D	-.0036	240B	.3911	259D	-.2111	340E	.1889		
139B	.4502	160D	-.2517	238B	.3558	260D	-.1104	339E	.1606		
138B	.4343			237B	.2507			338E	.1156		
137B	.3637			236B	.3822			337E	.2013		
136B	.2904			235B	.4705			336E	.3169		
135B	.3566			234B	.5747			335E	.4467		
133B	.6639			233B	.7071			334E	.5835		
132B	.6992			232B	.7778			333E	.7248		
131B	.2065			231B	.4855			332E	.6091		
130B	-1.4647			230B	-1.5221			331E	-.2358		
115B	-1.7075			218B	-2.7016			315E	-2.5824		
116B	-1.7843			219B	-3.3294			317E	-3.3049		
117B	-3.5350			221B	-1.9892			318E	-2.7767		
118B	-4.0661			222B	-1.5292			319E	-2.7793		
120B	-2.9523			223B	-1.2873			320E	-1.6395		
121B	-2.0139			224B	-1.1301			321E	-1.2052		
122B	-1.3941			225B	-.9730			322E	-.9880		
123B	-1.1019			226B	-.9668			323E	-.8079		
124B	-.9120			227B	-.7469			325E	-.5218		
125B	-.7028			228B	-.6269			326E	-.3973		
126B	-.5721			229B	-.5554			327E	-.3311		
127B	-.4583			255C	.3646			328E	-.3020		
128B	-.4185			254C	.5050			329E	-.2870		
129B	-.3479			253C	.5067			330E	-.2640		
157C	.1933			252C	.5394						
156C	.2736			251C	.5067						

TABLE 158.- TABULATED PRESSURE DATA FOR RUN 76 AT ALPHA = 16.89 DEGREES AND QINF = 13.09 KN/SQM (273.30 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	-.1589	155C	.4339	214A	.3345	243C	.7540	313A	-.0445		
111A	.3252	154C	.4980	213A	-.1989	244C	-.0758	312A	-.1919		
110A	.2547	153C	.5436	212A	-.2664	245C	-.1530	311A	-.1041		
109A	.5451	152C	.4910	211A	-.1155	246C	-.7118	310A	.2670		
108A	.7144	144C	.8593	210A	.4205	247C	-.6100	309A	.4512		
101A	.3275	145C	.1312	208A	.6513	248C	-.4442	301A	.6434		
102A	-.8402	147C	-.5758	201A	-.1796	249C	-.3188	303A	-1.9966		
103A	-1.5527	148C	-.4109	202A	-2.2686	250C	-.1960	304A	-1.7931		
104A	-1.9071	149C	-.2486	203A	-2.5651	264D	.0051	305A	-1.5869		
105A	-1.7983	150C	-.1732	204A	-2.2063	263D	.4234	345E	.2100		
106A	-1.7738	151C	-.0758	205A	-1.9255	262D	.4603	344E	.2635		
107A	-1.5693	165D	.3243	206A	-2.1230	256D	.8610	343E	.2740		
142B	.6207	164D	.3269	242B	.6751	257D	-.0381	342E	.2731		
141B	.4708	158D	.9435	241B	.5269	258D	-.2969	341E	.2196		
140B	.4804	159D	.0101	240B	.4199	259D	-.2144	340E	.1889		
139B	.4708	160D	-.2442	238B	.3962	260D	-.1223	339E	.1705		
138B	.4603			237B	.3047			338E	.1327		
137B	.3980			236B	.4354			337E	.2328		
136B	.3392			235B	.5258			336E	.3547		
135B	.4190			234B	.6293			335E	.4837		
133B	.6944			233B	.7364			334E	.6153		
132B	.6970			232B	.7645			333E	.7241		
131B	.2726			231B	.4784			332E	.5916		
130B	-1.2875			230B	-1.3807			331E	-.2112		
115B	-1.7252			218B	-3.0657			315E	-2.8213		
116B	-2.0580			219B	-3.7465			317E	-3.6543		
117B	-4.0882			221B	-2.2012			318E	-3.0413		
118B	-4.6108			222B	-1.6802			319E	-2.9639		
120B	-3.2239			223B	-1.3942			320E	-1.7667		
121B	-2.1819			224B	-1.2091			321E	-1.2737		
122B	-1.4881			225B	-1.0284			322E	-1.0394		
123B	-1.1486			226B	-.9960			323E	-.8429		
124B	-.9390			227B	-.7512			325E	-.5998		
125B	-.7135			228B	-.6179			326E	-.5551		
126B	-.5776			229B	-.5434			327E	-.4603		
127B	-.4609			255C	.3752			328E	-.3954		
128B	-.4074			254C	.5181			329E	-.3612		
129B	-.3398			253C	.5216			330E	-.3568		
157C	.2086			252C	.5576						
156C	.2866			251C	.5313						

TABLE 159 .- TABULATED PRESSURE DATA FOR RUN 76 AT ALPHA = 18.97 DEGREES AND QINF = 12.97 KN/SQM (270.90 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	-.1067	155C	.4420	214A	.4509	243C	.7613	313A	.0990		
111A	.4720	154C	.5020	213A	-.0535	244C	-.0725	312A	-.0958		
110A	.3732	153C	.5496	212A	-.1840	245C	-.1352	311A	-.0218		
109A	.6484	152C	.4993	211A	-.0729	246C	-.7078	310A	.3661		
108A	.6837	144C	.8671	210A	.5284	247C	-.5975	309A	.5434		
101A	.0574	145C	.1428	208A	.4314	248C	-.4343	301A	.4799		
102A	-1.3345	147C	-.5772	201A	-.7788	249C	-.3187	303A	-2.6356		
103A	-2.0490	148C	-.3945	202A	-3.2345	250C	-.2066	304A	-2.1884		
104A	-2.3198	149C	-.2410	203A	-3.3552	264D	-.0123	305A	-1.8841		
105A	-2.1064	150C	-.1810	204A	-2.7159	263D	.4235	345E	.2040		
106A	-2.0208	151C	-.0893	205A	-2.3172	262D	.4587	344E	.2648		
107A	-1.7738	165D	.3229	206A	-2.4213	256D	.8592	343E	.2763		
142B	.6360	164D	.3291	242B	.6748	257D	-.0416	342E	.2728		
141B	.4799	158D	.9403	241B	.5602	258D	-.3160	341E	.2269		
140B	.4861	159D	.0192	240B	.4146	259D	-.2357	340E	.2005		
139B	.4764	160D	-.2569	238B	.4146	260D	-.1475	339E	.1872		
138B	.4667			237B	.3186			338E	.1555		
137B	.4111			236B	.4597			337E	.2569		
136B	.3626			235B	.5506			336E	.3813		
135B	.4429			234B	.6494			335E	.5100		
133B	.7084			233B	.7508			334E	.6335		
132B	.6872			232B	.7552			333E	.7190		
131B	.2841			231B	.4712			332E	.5797		
130B	-1.1952			230B	-1.3023			331E	-.1876		
115B	-1.7368			218B	-3.3062			315E	-2.9399		
116B	-2.2343			219B	-4.0038			317E	-3.9251		
117B	-4.4060			221B	-2.3144			318E	-3.1900		
118B	-4.9130			222B	-1.7347			319E	-2.9311		
120B	-3.3919			223B	-1.4268			320E	-1.8391		
121B	-2.2959			224B	-1.2248			321E	-1.3181		
122B	-1.5212			225B	-1.0227			322E	-1.0889		
123B	-1.1683			226B	-.9830			323E	-.8913		
124B	-.9477			227B	-.7281			325E	-.6700		
125B	-.7095			228B	-.5904			326E	-.5544		
126B	-.5613			229B	-.5225			327E	-.5183		
127B	-.4395			255C	.3785			328E	-.4151		
128B	-.3945			254C	.5214			329E	-.3719		
129B	-.3354			253C	.5275			330E	-.3639		
157C	.2091			252C	.5655						
156C	.2911			251C	.5390						

TABLE 160 .- TABULATED PRESSURE DATA FOR RUN 76 AT ALPHA = 20.77 DEGREES AND QINF = 13.03 KN/SQM (272.10 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	-.0696	155C	.4444	214A	.5013	243C	.7469	313A	.1682		
111A	.5380	154C	.5048	213A	.0624	244C	-.0758	312A	-.0364		
110A	.4548	153C	.5537	212A	-.0828	245C	-.1457	311A	.0973		
109A	.6892	152C	.4986	211A	.0047	246C	-.7061	310A	.4294		
108A	.6201	144C	.8658	210A	.5903	247C	-.6528	309A	.5510		
101A	-.1914	145C	.1577	208A	.2231	248C	-.4491	301A	.4950		
102A	-1.8293	147C	-.5680	201A	-1.3002	249C	-.4937	303A	-2.2307		
103A	-2.4878	148C	-.3940	202A	-3.6658	250C	-.3573	304A	-1.8713		
104A	-2.7160	149C	-.2349	203A	-3.7160	264D	-.1142	305A	-1.4541		
105A	-2.3881	150C	-.1737	204A	-2.8498	263D	.3771	345E	.1376		
106A	-2.2350	151C	-.0889	205A	-2.5201	262D	.4505	344E	.2232		
107A	-1.9465	165D	.3185	206A	-2.5612	256D	.8483	343E	.2285		
142B	.6411	164D	.3273	242B	.6796	257D	-.0863	342E	.2442		
141B	.4846	158D	.9358	241B	.5607	258D	-.4867	341E	.1830		
140B	.4899	159D	.0187	240B	.4208	259D	-.3354	340E	.1743		
139B	.4803	160D	-.2611	238B	.4016	260D	-.1842	339E	.1830		
138B	.4776			237B	.3360			338E	.1201		
137B	.4226			236B	.4759			337E	.2355		
136B	.3858			235B	.5694			336E	.3684		
135B	.4715			234B	.6647			335E	.4943		
133B	.7189			233B	.7618			334E	.6140		
132B	.6848			232B	.7530			333E	.7093		
131B	.3002			231B	.4951			332E	.6018		
130B	-1.1083			230B	-1.1791			331E	-.0644		
115B	-1.7211			218B	-3.2602			315E	-2.2184		
116B	-2.3837			219B	-3.9301			317E	-2.5813		
117B	-4.7170			221B	-2.3401			318E	-1.9937		
118B	-5.2127			222B	-1.6608			319E	-1.6588		
120B	-3.4864			223B	-1.3338			320E	-1.2434		
121B	-2.3418			224B	-1.1397			321E	-1.1765		
122B	-1.5428			225B	-.9693			322E	-.9902		
123B	-1.1677			226B	-.8923			323E	-.9168		
124B	-.9387			227B	-.7245			325E	-.8320		
125B	-.6886			228B	-.6021			326E	-.7822		
126B	-.5444			229B	-.6038			327E	-.8136		
127B	-.4228			255C	.3535			328E	-.6633		
128B	-.3835			254C	.4969			329E	-.6930		
129B	-.3232			253C	.5074			330E	-.6056		
157C	.2093			252C	.5528						
156C	.2941			251C	.5397						

TABLE 161 .- TABULATED PRESSURE DATA FOR RUN 76 AT ALPHA = 24.91 DEGREES AND QINF = 12.98 KN/SQM (271.00 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	.1240	155C	.3959	214A	.5635	243C	.7391	313A	.4627		
111A	.5219	154C	.4706	213A	.3480	244C	-.0444	312A	.2733		
110A	.5427	153C	.5289	212A	.1221	245C	-.1922	311A	.2698		
109A	.7217	152C	.5054	211A	.1612	246C	-.7946	310A	.6348		
108A	.5583	144C	.8312	210A	.7165	247C	-.6851	309A	.6947		
101A	-.3785	145C	-.0218	208A	-.3950	248C	-.5164	301A	-.4445		
102A	-2.0139	147C	-1.0328	201A	-2.4136	249C	-.4408	303A	-4.7370		
103A	-2.4075	148C	-.8425	202A	-5.5715	250C	-.3947	304A	-3.2145		
104A	-2.5023	149C	-.6564	203A	-5.0626	264D	-.1523	305A	-2.7039		
105A	-2.0573	150C	-.5912	204A	-3.6606	263D	.3594	345E	.1186		
106A	-1.9539	151C	-.4895	205A	-3.0172	262D	.4168	344E	.1864		
107A	-1.6559	165D	.2239	206A	-2.9595	256D	.8328	343E	.2194		
142B	.6322	164D	.2508	242B	.6566	257D	-.1678	342E	.2281		
141B	.4585	158D	.9267	241B	.5801	258D	-.4999	341E	.2037		
140B	.4680	159D	-.2695	240B	.4289	259D	-.4356	340E	.1907		
139B	.4663	160D	-.7451	238B	.4463	260D	-.3756	339E	.2003		
138B	.4628			237B	.3706			338E	.1968		
137B	.4246			236B	.5218			337E	.3245		
136B	.3977			235B	.6165			336E	.4610		
135B	.4932			234B	.7095			335E	.5835		
133B	.7261			233B	.7851			334E	.6834		
132B	.6922			232B	.7538			333E	.7173		
131B	.4003			231B	.5018			332E	.5705		
130B	-.7309			230B	-1.0285			331E	-.0804		
115B	-1.3660			218B	-3.5210			315E	-3.2394		
116B	-1.9113			219B	-4.1781			317E	-4.3357		
117B	-3.7665			221B	-2.3482			318E	-3.4082		
118B	-4.0567			222B	-1.6745			319E	-2.9346		
120B	-2.4875			223B	-1.3371			320E	-1.7515		
121B	-1.6892			224B	-1.1154			321E	-1.2075		
122B	-1.1024			225B	-.9042			322E	-1.1171		
123B	-.8407			226B	-.8677			323E	-.9928		
124B	-.7068			227B	-.6912			325E	-1.0215		
125B	-.5806			228B	-.6130			326E	-1.0623		
126B	-.6095			229B	-.6025			327E	-1.0007		
127B	-.6668			255C	.3508			328E	-.8946		
128B	-.6295			254C	.4976			329E	-.8373		
129B	-.6477			253C	.5228			330E	-.7956		
157C	.0797			252C	.5662						
156C	.1701			251C	.5436						

TABLE 162.- TABULATED PRESSURE DATA FOR RUN 76 AT ALPHA = 28.79 DEGREES AND QINF = 13.08 KN/SQM (273.20 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	.1617	155C	.3951	214A	.5899	243C	.7177	313A	.5891		
111A	.5530	154C	.4826	213A	.5085	244C	-.0060	312A	.4321		
110A	.6791	153C	.5427	212A	.3120	245C	-.2987	311A	.4587		
109A	.7237	152C	.5281	211A	.3129	246C	-.9861	310A	.6997		
108A	.2613	144C	.8189	210A	.7666	247C	-.8849	309A	.6825		
101A	-1.1422	145C	-.0077	208A	-.7716	248C	-.7312	301A	-.7133		
102A	-3.0202	147C	-1.0290	201A	-3.0355	249C	-.6643	303A	-4.5829		
103A	-3.4861	148C	-.9201	202A	-5.9798	250C	-.5458	304A	-2.8842		
104A	-3.2566	149C	-.6806	203A	-5.2180	264D	-.3195	305A	-2.3647		
105A	-2.6273	150C	-.6128	204A	-3.5848	263D	.3085	345E	.0865		
106A	-2.3450	151C	-.4729	205A	-2.9463	262D	.3857	344E	.1799		
107A	-1.9144	165D	.2158	206A	-2.6710	256D	.8454	343E	.2040		
142B	.6448	164D	.2664	242B	.6473	257D	-.3141	342E	.2143		
141B	.4878	158D	.9089	241B	.6173	258D	-.7244	341E	.1971		
140B	.4843	159D	-.2145	240B	.4200	259D	-.6257	340E	.1928		
139B	.4766	160D	-.7141	238B	.4534	260D	-.5493	339E	.1980		
138B	.4783			237B	.3841			338E	.2014		
137B	.4543			236B	.5282			337E	.3395		
136B	.4543			235B	.6311			336E	.4767		
135B	.5581			234B	.7195			335E	.5968		
133B	.7537			233B	.7846			334E	.6817		
132B	.6962			232B	.7563			333E	.7160		
131B	.4354			231B	.5402			332E	.6131		
130B	-.5426			230B	-.7455			331E	.1371		
115B	-1.3679			218B	-2.7594			315E	-2.3081		
116B	-2.1623			219B	-3.0406			317E	-2.6024		
117B	-4.1927			221B	-1.7140			318E	-1.7187		
118B	-4.4996			222B	-1.3303			319E	-1.2383		
120B	-2.6822			223B	-1.1733			320E	-1.1448		
121B	-1.7878			224B	-1.0522			321E	-1.0663		
122B	-1.0908			225B	-.8917			322E	-1.0294		
123B	-.8377			226B	-.9201			323E	-.9711		
124B	-.7175			227B	-.7930			325E	-.9582		
125B	-.6257			228B	-.7973			326E	-.8570		
126B	-.6669			229B	-.7441			327E	-.8922		
127B	-.6686			255C	.2844			328E	-.8424		
128B	-.6815			254C	.4689			329E	-.8193		
129B	-.7441			253C	.4912			330E	-.7944		
157C	.0734			252C	.5512						
156C	.1909			251C	.5487						

RUN NUMBER 76 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

				UNCORRECTED				CORRECTED FOR STRUT INTERFERENCE				
MACH	Q,PSF	R	ALPHA,DEG	CL	CD	CM	L/D	CL	CD	CM	L/D	ISUBT
.201	270.80	4.27	-5.99	-.1110	.1212	-.2398	-.92	-.2380	.1248	-.3047	-1.91	OFF
.202	272.70	4.28	-3.83	.0940	.0900	-.2257	1.04	-.0307	.0934	-.2692	-.33	OFF
.202	273.60	4.28	-2.05	.3160	.0665	-.2357	4.75	.1940	.0696	-.2640	2.79	OFF
.202	272.60	4.27	.43	.5730	.0580	-.2392	9.88	.4618	.0603	-.2592	7.66	OFF
.201	269.90	4.25	2.34	.7740	.0641	-.2202	12.07	.6786	.0648	-.2548	10.47	OFF
.201	269.40	4.24	4.45	.9970	.0765	-.1895	13.03	.9159	.0758	-.2418	12.08	OFF
.201	270.30	4.24	6.40	1.2060	.0914	-.1609	13.19	1.1354	.0931	-.2233	12.20	OFF
.201	270.20	4.24	8.57	1.4010	.1138	-.1353	12.31	1.3414	.1156	-.1948	11.60	OFF
.201	269.20	4.23	10.65	1.6190	.1371	-.1007	11.81	1.5646	.1402	-.1534	11.16	OFF
.202	271.40	4.24	12.68	1.7900	.1658	-.0674	10.80	1.7390	.1705	-.0960	10.20	OFF
.201	270.80	4.23	14.66	1.9660	.1944	-.0195	10.11	1.9263	.1969	-.0189	9.78	OFF
.202	273.30	4.24	16.89	2.1530	.2566	.0419	8.39	2.1361	.2567	.0135	8.32	OFF
.201	270.90	4.23	18.97	2.1690	.3086	.0240	7.03	2.1659	.3086	-.0031	7.02	OFF
.202	272.10	4.24	20.77	2.1750	.3866	.0863	5.63	2.1748	.3866	.0639	5.63	OFF
.201	270.50	4.23	22.83	2.1410	.4354	.0594	4.92	2.1410	.4354	.0411	4.92	OFF
.201	271.00	4.25	24.91	2.2300	.5632	.0872	3.96	2.2300	.5632	.0739	3.96	OFF
.202	274.00	4.27	27.02	2.3100	.6222	.1371	3.71	2.3100	.6222	.1292	3.71	OFF
.202	273.20	4.27	28.79	2.2580	.6643	.1868	3.40	2.2580	.6643	.1845	3.40	OFF
.203	276.70	4.31	30.91	2.2320	.8260	.2661	2.70	2.2320	.8260	.2669	2.70	OFF
.200	268.90	4.20	.23	.5600	.0581	-.2376	9.64	.4475	.0605	-.2575	7.40	OFF

TAKE-OFF WING CONFIGURATION, ASPECT RATIO 10, INBOARD SLATS -50, OUTBOARD SLATS -50, FLAPS 15

Table 163 . Tabulated longitidinal data for run 76.

TABLE 164 .- TABULATED PRESSURE DATA FOR RUN 84 AT ALPHA = -6.10 DEGREES AND QINF = 12.76 KN/SQM (266.50 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	-.5242	155C	.4217	214A	-.8573	244C	-.3038	313A	-.7588		
111A	-.6022	154C	.4430	213A	-.7544	245C	-.6411	312A	-.7552		
110A	-.5671	153C	.4678	212A	-.7260	246C	-.7121	311A	-.7437		
109A	-1.3312	152C	.5069	211A	-.7455	247C	-.6615	310A	-.7801		
108A	-2.7743	144C	-.0752	210A	-.8697	248C	-.5133	309A	-.7437		
101A	-2.0749	145C	-.7583	208A	-.9088	249C	-.3500	301A	-.7863		
102A	-.5351	147C	-1.1116	201A	-1.1014	250C	-.2461	302A	-.5653		
103A	.4757	148C	-.9225	202A	.1287	264D	.0632	303A	.4500		
104A	.7614	149C	-.6988	203A	.7038	263D	.2212	304A	.7375		
105A	.7357	150C	-.4893	204A	.7739	262D	.2274	305A	.7126		
106A	.5990	151C	-.3766	205A	.6789	261D	.1812	345E	-.0515		
107A	.3479	165D	.4057	206A	.5041	256D	-.0881	344E	-.0719		
142B	.3214	164D	.4607	242B	-.1426	257D	-.2639	343E	-.0985		
141B	.2904	163D	.5095	241B	.0109	258D	-.1982	342E	-.1118		
140B	.2096	159D	-.2594	240B	-.1417	259D	-.0943	341E	-.1757		
139B	.2043	160D	-.5115	238B	-.3485	260D	-.0215	340E	-.2272		
138B	.1431			237B	-.4783			339E	-.3071		
137B	.0348			236B	-.5112			338E	-.3745		
136B	-.1089			235B	-.5680			337E	-.4748		
135B	-.2642			234B	-.6008			336E	-.5405		
133B	-.5668			233B	-.6559			335E	-.7570		
132B	-.5570			232B	-.7659			334E	-.9106		
131B	-.5668			231B	-.7987			333E	-.7907		
130B	-.7939			230B	-.8928			332E	-.7606		
115B	-.8666			218B	-.2094			331E	-.8129		
116B	-.7473			219B	-.3506			315E	-.6842		
117B	.4100			221B	-.3047			317E	.0683		
118B	-.2316			222B	-.2949			318E	-.2299		
120B	-.5849			223B	-.3038			320E	-.2192		
121B	-.4210			224B	-.3455			321E	-.1997		
122B	-.3819			225B	-.4015			322E	-.2458		
123B	-.3872			226B	-.5914			323E	-.2449		
124B	-.3979			227B	-.5168			325E	-.3159		
125B	-.4245			228B	-.5648			326E	-.3470		
126B	-.4973			229B	-.6828			327E	-.3151		
127B	-.4893			255C	.1413			328E	-.2520		
128B	-.5541			254C	.1262			329E	-.1766		
129B	-.7139			253C	.0401			330E	-.1056		
157C	.1626			252C	-.0521						
156C	.3063			251C	-.1267						

TABLE 165.- TABULATED PRESSURE DATA FOR RUN 84 AT ALPHA = -3.92 DEGREES AND QINF = 12.85 KN/SQM (268.40 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	-.4104	155C	.5015	214A	-.4897	244C	-.2474	313A	-.5665		
111A	-.4219	154C	.5607	213A	-.4809	245C	-.6730	312A	-.5144		
110A	-.4582	153C	.6295	212A	-.4809	246C	-.8302	311A	-.5215		
109A	-1.4680	152C	.7346	211A	-.4791	247C	-.7693	310A	-.8293		
108A	-2.3903	144C	.0548	210A	-.5492	248C	-.6156	309A	-.8222		
101A	-1.5289	145C	-.8143	208A	-.5439	249C	-.4426	301A	-.9096		
102A	-.1269	147C	-1.2152	201A	-.7003	250C	-.3057	302A	-.4008		
103A	.6328	148C	-.9768	202A	.4429	264D	.1537	303A	.5666		
104A	.7547	149C	-.7322	203A	.7609	263D	.4124	304A	.7273		
105A	.6399	150C	-.5176	204A	.7229	262D	.3956	305A	.6575		
106A	.4676	151C	-.3940	205A	.5727	261D	.3947	345E	.0765		
107A	.2185	165D	.4371	206A	.3784	256D	.1182	344E	.0553		
142B	.4635	164D	.5042	242B	.0760	257D	-.2792	343E	.0403		
141B	.3735	163D	.5377	241B	.2305	258D	-.3339	342E	.0305		
140B	.3382	159D	-.3242	240B	.0689	259D	-.1776	341E	-.0083		
139B	.3232	160D	-.5706	238B	-.0803	260D	-.0205	340E	-.0472		
138B	.2941			237B	-.1806			339E	-.0940		
137B	.1828			236B	-.2548			338E	-.1452		
136B	.0530			235B	-.3758			337E	-.2194		
135B	-.0096			234B	-.4588			336E	-.2839		
133B	-.4670			233B	-.4862			335E	-.4305		
132B	-.4325			232B	-.4853			334E	-.5665		
131B	-.4299			231B	-.4844			333E	-.6672		
130B	-.5146			230B	-.4888			332E	-.6690		
115B	-.5093			218B	-.2276			331E	-.6443		
116B	-.5095			219B	-.5466			315E	-.6093		
117B	.3828			221B	-.4885			317E	.0851		
118B	-.4874			222B	-.4355			318E	-.3699		
120B	-.8328			223B	-.4284			320E	-.3381		
121B	-.5971			224B	-.4523			321E	-.2945		
122B	-.5150			225B	-.4841			322E	-.3228		
123B	-.4964			226B	-.6501			323E	-.3051		
124B	-.5017			227B	-.5794			325E	-.3492		
125B	-.4973			228B	-.6253			326E	-.3484		
126B	-.5671			229B	-.7498			327E	-.2980		
127B	-.5494			255C	.2941			328E	-.2132		
128B	-.6165			254C	.3364			329E	-.1223		
129B	-.7578			253C	.2702			330E	-.0348		
157C	.1722			252C	.2005						
156C	.3241			251C	.1457						

TABLE 166 .- TABULATED PRESSURE DATA FOR RUN 84 AT ALPHA = .42 DEGREES AND QINF = 12.83 KN/SQM (267.90 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	-.2790	155C	.5297	214A	-.3189	244C	-.1898	313A	-.4547		
111A	-.1432	154C	.6043	213A	-.3837	245C	-.7707	312A	-.4760		
110A	-.6778	153C	.6895	212A	-.4015	246C	-1.1019	311A	-.5302		
109A	-1.2490	152C	.8173	211A	-.3766	247C	-.9119	310A	-.6449		
108A	-1.4595	144C	.2528	210A	-.6956	248C	-.7138	309A	-1.0438		
101A	-.5108	145C	-.7884	208A	-1.9036	249C	-.5282	301A	-2.0644		
102A	.4690	147C	-1.2316	201A	-.7773	250C	-.3781	302A	-.0382		
103A	.7382	148C	-.9643	202A	.6378	264D	.0539	303A	.6982		
104A	.6014	149C	-.7076	203A	.7408	263D	.4800	304A	.6138		
105A	.3731	150C	-.4971	204A	.5712	262D	.5422	305A	.4708		
106A	.1634	151C	-.3799	205A	.3553	261D	.4951	345E	.2998		
107A	-.0604	165D	.4498	206A	.1084	256D	.7604	344E	.3247		
142B	.5608	164D	.5209	242B	.5919	257D	-.3817	343E	.3229		
141B	.4445	163D	.5324	241B	.3913	258D	-.5735	342E	.3034		
140B	.4250	159D	-.3106	240B	.3371	259D	-.3284	341E	.2306		
139B	.4170	160D	-.5726	238B	.2599	260D	-.1419	340E	.1516		
138B	.3921			237B	.0797			339E	.0841		
137B	.2723			236B	.1525			338E	-.0260		
136B	.1116			235B	.1995			337E	-.0144		
135B	.1205			234B	.3007			336E	.0637		
133B	.1959			233B	.5892			335E	.2057		
132B	-.4379			232B	-.1778			334E	.4525		
131B	-.4565			231B	-.5337			333E	.1906		
130B	-.5497			230B	-1.1596			332E	-.6110		
115B	-.4317			218B	-.8128			331E	-1.1596		
116B	-.4397			219B	-1.1912			315E	-.8723		
117B	-.7027			221B	-.9163			317E	-.9167		
118B	-1.2019			222B	-.7840			318E	-.9478		
120B	-1.3405			223B	-.7263			320E	-.7417		
121B	-.9962			224B	-.7041			321E	-.6136		
122B	-.7991			225B	-.6925			322E	-.5648		
123B	-.7174			226B	-.8089			323E	-.5107		
124B	-.6810			227B	-.7271			325E	-.4601		
125B	-.6268			228B	-.7396			326E	-.4112		
126B	-.6641			229B	-.8417			327E	-.3234		
127B	-.6321			255C	.3806			328E	-.1911		
128B	-.6739			254C	.5422			329E	-.1050		
129B	-.7636			253C	.5528			330E	-.0553		
157C	.1959			252C	.6229						
156C	.3433			251C	.7011						

TABLE 167.- TABULATED PRESSURE DATA FOR RUN 84 AT ALPHA = 4.61 DEGREES AND QINF = 12.81 KN/SQM (267.60 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	-.3644	155C	.5471	214A	-.4766	244C	-.1434	313A	-.6644		
111A	-.1098	154C	.6246	213A	-.5540	245C	-.7913	312A	-.6671		
110A	-.6039	153C	.7100	212A	-.5478	246C	-1.1651	311A	-.6439		
109A	-.7214	152C	.8498	211A	-.4926	247C	-.9373	310A	-.7294		
108A	-.5362	144C	.3210	210A	-.6057	248C	-.7166	309A	-.8620		
101A	.2480	145C	-.7486	208A	-.5255	249C	-.5279	301A	-.5807		
102A	.7091	147C	-1.1918	201A	.2907	250C	-.3641	302A	.6726		
103A	.5738	148C	-.9123	202A	.7358	264D	.0602	303A	.5890		
104A	.2427	149C	-.6614	203A	.4234	263D	.4999	304A	.2373		
105A	-.0066	150C	-.4656	204A	.1697	262D	.5649	305A	.0913		
106A	-.2060	151C	-.3534	205A	-.0564	261D	.5346	345E	.2907		
107A	-.2870	165D	.4617	206A	-.3208	256D	.7626	344E	.3290		
142B	.5898	164D	.5364	242B	.6655	257D	-.3552	343E	.3317		
141B	.4599	163D	.5489	241B	.4358	258D	-.5563	342E	.3166		
140B	.4590	159D	-.2938	240B	.3842	259D	-.2965	341E	.2427		
139B	.4545	160D	-.5484	238B	.3174	260D	-.1327	340E	.1813		
138B	.4332			237B	.1537			339E	.1332		
137B	.3264			236B	.2382			338E	.0397		
136B	.1839			235B	.2952			337E	.0860		
135B	.1964			234B	.3806			336E	.1795		
133B	.6290			233B	.5551			335E	.3005		
132B	.0922			232B	.7830			334E	.4608		
131B	-.5994			231B	.3370			333E	.7519		
130B	-1.4282			230B	-1.8163			332E	.5818		
115B	-.8950			218B	-1.4487			331E	-.7792		
116B	-.7481			219B	-1.9347			315E	-1.6178		
117B	-1.5172			221B	-1.2933			317E	-1.7931		
119B	-2.0673			222B	-1.0725			318E	-1.6534		
120B	-1.8786			223B	-.9568			320E	-1.1077		
121B	-1.3484			224B	-.8990			321E	-.8807		
122B	-1.0485			225B	-.8536			322E	-.7828		
123B	-.9008			226B	-.9444			323E	-.6813		
124B	-.8198			227B	-.8358			325E	-.5558		
125B	-.7255			228B	-.8180			326E	-.4686		
126B	-.7228			229B	-.8963			327E	-.3511		
127B	-.6729			255C	.4047			328E	-.1997		
128B	-.6961			254C	.5667			329E	-.1294		
129B	-.7361			253C	.5845			330E	-.1063		
157C	.2142			252C	.6495						
156C	.3628			251C	.7251						

TABLE 168 .- TABULATED PRESSURE DATA FOR RUN 84 AT ALPHA = 8.80 DEGREES AND QINF = 13.14 KN/SQM (274.40 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	-.3342	155C	.5650	214A	-.4328	244C	-.1158	313A	-.4580		
111A	-.1115	154C	.6381	213A	-.5328	245C	-.8232	312A	-.4936		
110A	-.2953	153C	.7224	212A	-.5563	246C	-1.2322	311A	-.4528		
109A	-.1256	152C	.8546	211A	-.5232	247C	-.9834	310A	-.2710		
108A	.2121	144C	.3415	210A	-.2353	248C	-.7449	309A	-.1674		
101A	.6534	145C	-.7293	208A	.4523	249C	-.5335	301A	.4959		
102A	.5437	147C	-1.1913	201A	.7422	250C	-.3603	302A	.6508		
103A	.0746	148C	-.8885	202A	.1912	264D	.0885	303A	-.0960		
104A	-.3589	149C	-.6353	203A	-.3362	263D	.5198	304A	-.4372		
105A	-.5591	150C	-.4343	204A	-.5138	262D	.5850	305A	-.5138		
106A	-.7157	151C	-.3290	205A	-.6557	261D	.5720	345E	.2796		
107A	-.7331	165D	.4789	206A	-.8846	256D	.7457	344E	.3309		
142B	.6250	164D	.5546	242B	.6963	257D	-.3403	343E	.3318		
141B	.4894	163D	.5711	241B	.4972	258D	-.5517	342E	.3231		
140B	.4946	159D	-.2654	240B	.4267	259D	-.2924	341E	.2587		
139B	.4850	160D	-.5222	238B	.3763	260D	-.1288	340E	.2048		
138B	.4685			237B	.2414			339E	.1735		
137B	.3763			236B	.3422			338E	.1004		
136B	.2633			235B	.4066			337E	.1735		
135B	.2989			234B	.5014			336E	.2796		
133B	.6337			233B	.6449			335E	.3997		
132B	.6650			232B	.7841			334E	.5493		
131B	-.1620			231B	.4953			333E	.7476		
130B	-1.8082			230B	-1.7357			332E	.6326		
115B	-1.4629			218B	-2.1292			331E	-.3719		
116B	-1.2667			219B	-2.7428			315E	-2.2241		
117B	-2.5287			221B	-1.7222			317E	-2.6915		
118B	-3.0980			222B	-1.3836			318E	-2.3764		
120B	-2.4782			223B	-1.2096			320E	-1.5078		
121B	-1.7317			224B	-1.1182			321E	-1.1477		
122B	-1.2827			225B	-1.0164			322E	-.9981		
123B	-1.0782			226B	-1.0843			323E	-.8407		
124B	-.9564			227B	-.9390			325E	-.6406		
125B	-.8145			228B	-.8946			326E	-.5302		
126B	-.7858			229B	-.9555			327E	-.3762		
127B	-.7110			255C	.4293			328E	-.2231		
128B	-.7249			254C	.5876			329E	-.1788		
129B	-.7397			253C	.6085			330E	-.1605		
157C	.2406			252C	.6694						
156C	.3833			251C	.7442						

TABLE 169 .- TABULATED PRESSURE DATA FOR RUN 84 AT ALPHA = 12.81 DEGREES AND QINF = 12.98 KN/SQM (271.10 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	-.2074	155C	.5849	214A	.0271	244C	-.0914	313A	-.1971		
111A	.1031	154C	.6537	213A	-.3445	245C	-.7958	312A	-.2924		
110A	.0383	153C	.7348	212A	-.3877	246C	-1.2097	311A	-.1988		
109A	.3261	152C	.8583	211A	-.2668	247C	-.9282	310A	.1248		
108A	.6253	144C	.3616	210A	.2078	248C	-.6828	309A	.3146		
101A	.6226	145C	-.6678	208A	.7682	249C	-.4842	301A	.7276		
102A	-.0879	147C	-1.1303	201A	.4311	250C	-.3227	302A	-.2847		
103A	-.7534	148C	-.8240	202A	-1.0897	264D	.0881	303A	-1.3606		
104A	-1.1753	149C	-.5857	203A	-1.5725	263D	.5284	304A	-1.3960		
105A	-1.2380	150C	-.3959	204A	-1.4930	262D	.5919	305A	-1.3095		
106A	-1.3077	151C	-.2900	205A	-1.4383	261D	.5937	345E	.2583		
107A	-1.2133	165D	.4940	206A	-1.5637	256D	.7312	344E	.3147		
142B	.6448	164D	.5698	242B	.7066	257D	-.2944	343E	.3288		
141B	.5222	163D	.5910	241B	.5698	258D	-.5036	342E	.3236		
140B	.5213	159D	-.2238	240B	.4666	259D	-.2697	341E	.2644		
139B	.5143	160D	-.4727	238B	.4340	260D	-.1347	340E	.2283		
138B	.4993			237B	.3262			339E	.2168		
137B	.4269			236B	.4339			338E	.1718		
136B	.3422			235B	.5000			337E	.2600		
135B	.3925			234B	.5971			336E	.3703		
133B	.6713			233B	.7162			335E	.4894		
132B	.7013			232B	.7789			334E	.6156		
131B	.1914			231B	.4736			333E	.7383		
130B	-1.4919			230B	-1.5569			332E	.6024		
115B	-1.7054			218B	-2.7887			331E	-.2562		
116B	-1.7614			219B	-3.4892			315E	-2.7693		
117B	-3.4823			221B	-2.1356			317E	-3.5899		
118B	-4.0762			222B	-1.6766			318E	-3.0729		
120B	-3.0353			223B	-1.4268			320E	-1.8761		
121B	-2.0809			224B	-1.2892			321E	-1.4016		
122B	-1.4975			225B	-1.1497			322E	-1.1836		
123B	-1.2203			226B	-1.1841			323E	-.9807		
124B	-1.0561			227B	-.9855			325E	-.6780		
125B	-.8637			228B	-.9123			326E	-.5430		
126B	-.7993			229B	-.9176			327E	-.3912		
127B	-.7066			255C	.4569			328E	-.3277		
128B	-.6996			254C	.6016			329E	-.2968		
129B	-.6899			253C	.6272			330E	-.2756		
157C	.2681			252C	.6819						
156C	.4066			251C	.7507						

TABLE 170 .- TABULATED PRESSURE DATA FOR RUN 84 AT ALPHA = 15.03 DEGREES AND QINF = 12.91 KN/SQM (269.70 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	-.1745	155C	.5939	214A	.3020	244C	-.0771	313A	.0101		
111A	.2895	154C	.6640	213A	-.2286	245C	-.7436	312A	-.1408		
110A	.2068	153C	.7438	212A	-.2925	246C	-1.1350	311A	-.0636		
109A	.4970	152C	.8627	211A	-.1514	247C	-.8457	310A	.2983		
108A	.7029	144C	.3827	210A	.3977	248C	-.6052	309A	.4828		
101A	.4260	145C	-.6211	208A	.6781	249C	-.4206	301A	.6284		
102A	-.6256	147C	-1.0737	201A	-.0683	250C	-.2892	302A	-1.1101		
103A	-1.3284	148C	-.7685	202A	-2.0748	264D	.0562	303A	-2.0943		
104A	-1.7127	149C	-.5324	203A	-2.4235	263D	.5193	304A	-1.8547		
105A	-1.6559	150C	-.3531	204A	-2.1307	262D	.5903	305A	-1.6967		
106A	-1.6657	151C	-.2564	205A	-1.8884	261D	.5912	345E	.1822		
107A	-1.5015	165D	.5042	206A	-2.1005	256D	.7278	344E	.2576		
142B	.6684	164D	.5788	242B	.7057	257D	-.2715	343E	.2878		
141B	.5451	163D	.6027	241B	.6152	258D	-.4800	342E	.2940		
140B	.5451	159D	-.1854	240B	.4865	259D	-.2697	341E	.2487		
139B	.5353	160D	-.4401	238B	.4661	260D	-.1605	340E	.2177		
138B	.5247			237B	.3659			339E	.2079		
137B	.4572			236B	.4750			338E	.1831		
136B	.3836			235B	.5468			337E	.2629		
135B	.4404			234B	.6400			336E	.3960		
133B	.6986			233B	.7456			335E	.5185		
132B	.7003			232B	.7704			334E	.6427		
131B	.2647			231B	.4661			333E	.7376		
130B	-1.3208			230B	-1.4424			332E	.5983		
115B	-1.7396			218B	-3.1463			331E	-.1967		
116B	-2.0198			219B	-3.8930			315E	-2.8992		
117B	-3.9994			221B	-2.3242			317E	-3.6705		
118B	-4.5720			222B	-1.7970			318E	-3.2255		
120B	-3.2782			223B	-1.5219			320E	-1.8458		
121B	-2.2842			224B	-1.3453			321E	-1.3865		
122B	-1.5814			225B	-1.1864			322E	-1.0466		
123B	-1.2708			226B	-1.2024			323E	-.8701		
124B	-1.0800			227B	-.9770			325E	-.8195		
125B	-.8705			228B	-.8829			326E	-.7219		
126B	-.7809			229B	-.8465			327E	-.7113		
127B	-.6815			255C	.4625			328E	-.7450		
128B	-.6744			254C	.6089			329E	-.6554		
129B	-.6566			253C	.6320			330E	-.5054		
157C	.2833			252C	.6870						
156C	.4271			251C	.7509						

TABLE 171 .- TABULATED PRESSURE DATA FOR RUN 84 AT ALPHA = 16.96 DEGREES AND QINF = 12.89 KN/SQM (269.20 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	-.1147	155C	.6012	214A	.4460	244C	-.0567	313A	.1863		
111A	.4690	154C	.6672	213A	-.0823	245C	-.6770	312A	-.0261		
110A	.3527	153C	.7431	212A	-.2001	246C	-1.0608	311A	.0167		
109A	.6153	152C	.8573	211A	-.0885	247C	-.7716	310A	.4295		
108A	.7010	144C	.4066	210A	.5206	248C	-.5520	309A	.5894		
101A	.1616	145C	-.5904	208A	.4688	249C	-.4021	301A	.3876		
102A	-1.1742	147C	-1.0358	201A	-.6616	250C	-.2896	302A	-1.9725		
103A	-1.9019	148C	-.7296	202A	-3.1066	264D	.0433	303A	-2.9485		
104A	-2.2243	149C	-.5074	203A	-3.2624	263D	.5137	304A	-2.3913		
105A	-2.0430	150C	-.3307	204A	-2.7101	262D	.5949	305A	-2.0278		
106A	-2.0002	151C	-.2387	205A	-2.3127	261D	.5976	345E	.1229		
107A	-1.7707	165D	.5030	206A	-2.4457	256D	.7297	344E	.2630		
142B	.6797	164D	.5815	242B	.7047	257D	-.2691	343E	.2657		
141B	.5538	163D	.6074	241B	.6431	258D	-.4833	342E	.2898		
140B	.5503	159D	-.1727	240B	.4958	259D	-.2807	341E	.2256		
139B	.5449	160D	-.4280	238B	.4753	260D	-.1852	340E	.2175		
138B	.5396			237B	.3835			339E	.2229		
137B	.4771			236B	.4986			338E	.2032		
136B	.4146			235B	.5763			337E	.3077		
135B	.4789			234B	.6646			336E	.4290		
133B	.7145			233B	.7574			335E	.5486		
132B	.6958			232B	.7520			334E	.6619		
131B	.2825			231B	.4576			333E	.7297		
130B	-1.2223			230B	-1.3780			332E	.5905		
115B	-1.7525			218B	-3.4057			331E	-.1671		
116B	-2.2547			219B	-4.1650			315E	-3.1836		
117B	-4.4659			221B	-2.4737			317E	-4.1517		
118B	-5.0428			222B	-1.9033			318E	-3.5172		
120B	-3.5216			223B	-1.5749			320E	-2.0305		
121B	-2.4085			224B	-1.3794			321E	-1.3914		
122B	-1.6588			225B	-1.1875			322E	-1.1719		
123B	-1.3143			226B	-1.1848			323E	-.9818		
124B	-1.1000			227B	-.9421			325E	-.8149		
125B	-.8769			228B	-.8207			326E	-.7632		
126B	-.7716			229B	-.7725			327E	-.7828		
127B	-.6591			255C	.4592			328E	-.6971		
128B	-.6520			254C	.6083			329E	-.6088		
129B	-.6243			253C	.6342			330E	-.6132		
157C	.2905			252C	.6904						
156C	.4289			251C	.7484						

TABLE 172 .- TABULATED PRESSURE DATA FOR RUN 84 AT ALPHA = 18.96 DEGREES AND QINF = 12.87 KN/SQM (268.80 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	-.0573	155C	.6044	214A	.5049	244C	-.0369	313A	.3640		
111A	.5441	154C	.6717	213A	.1009	245C	-.6905	312A	.1239		
110A	.4704	153C	.7452	212A	-.0728	246C	-1.0802	311A	.1221		
109A	.6999	152C	.8559	211A	.0069	247C	-.7880	310A	.5324		
108A	.6370	144C	.4387	210A	.6139	248C	-.6631	309A	.6653		
101A	-.1924	145C	-.4992	208A	.2054	249C	-.5045	301A	.0433		
102A	-1.7537	147C	-.9421	201A	-1.1583	250C	-.3717	302A	-3.0205		
103A	-2.4670	148C	-.6560	202A	-3.9654	264D	-.0528	303A	-3.8697		
104A	-2.7178	149C	-.4549	203A	-3.9610	263D	.4928	304A	-2.9411		
105A	-2.3997	150C	-.2920	204A	-2.9863	262D	.5441	305A	-2.4440		
106A	-2.2614	151C	-.2211	205A	-2.6416	261D	.6026	345E	.1709		
107A	-1.9823	165D	.5087	206A	-2.7284	256D	.7044	344E	.2568		
142B	.6929	164D	.5875	242B	.6974	257D	-.3274	343E	.2887		
141B	.5689	163D	.6123	241B	.6504	258D	-.5152	342E	.2932		
140B	.5672	159D	-.1467	240B	.4742	259D	-.4425	341E	.2506		
139B	.5565	160D	-.4053	238B	.4866	260D	-.2512	340E	.2356		
138B	.5503			237B	.3880			339E	.2488		
137B	.4928			236B	.5315			338E	.2285		
136B	.4432			235B	.5847			337E	.3481		
135B	.5096			234B	.6892			336E	.4615		
133B	.7354			233B	.7716			335E	.5847		
132B	.6912			232B	.7566			334E	.6830		
131B	.3050			231B	.4668			333E	.7265		
130B	-1.1095			230B	-1.2752			332E	.5740		
115B	-1.7587			218B	-3.4482			331E	-.1446		
116B	-2.4334			219B	-4.2315			315E	-3.3428		
117B	-4.7891			221B	-2.4557			317E	-4.5415		
118B	-5.3441			222B	-1.8420			318E	-3.5422		
120B	-3.6642			223B	-1.5417			320E	-2.1082		
121B	-2.4735			224B	-1.3229			321E	-1.5118		
122B	-1.6701			225B	-1.1449			322E	-1.2141		
123B	-1.2875			226B	-1.0820			323E	-1.0014		
124B	-1.0732			227B	-.8677			325E	-.8118		
125B	-.8340			228B	-.7880			326E	-.7799		
126B	-.7215			229B	-.8074			327E	-.7374		
127B	-.6144			255C	.4440			328E	-.6824		
128B	-.5807			254C	.5884			329E	-.6399		
129B	-.5479			253C	.6247			330E	-.6310		
157C	.3032			252C	.6876						
156C	.4378			251C	.7496						

TABLE 73 .- TABULATED PRESSURE DATA FOR RUN 84 AT ALPHA = 20.97 DEGREES AND QINF = 12.79 KN/SQM (267.10 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	-.0451	155C	.6025	214A	.5407	244C	-.0690	313A	.4250		
111A	.5527	154C	.6728	213A	.2442	245C	-.7108	312A	.2086		
110A	.5480	153C	.7484	212A	.0305	246C	-1.1088	311A	.2059		
109A	.7269	152C	.8516	211A	.0866	247C	-.8809	310A	.5996		
108A	.5337	144C	.4549	210A	.6770	248C	-.6263	309A	.6842		
101A	-.4918	145C	-.4812	208A	-.1500	249C	-.5835	301A	-.2924		
102A	-2.3266	147C	-.8907	201A	-1.9305	250C	-.5221	302A	-3.8070		
103A	-2.9641	148C	-.6192	202A	-4.8278	264D	-.1261	303A	-4.5984		
104A	-3.1100	149C	-.4233	203A	-4.5128	263D	.4682	304A	-3.2379		
105A	-2.6765	150C	-.2773	204A	-3.2882	262D	.5492	305A	-2.7522		
106A	-2.5020	151C	-.2150	205A	-2.8385	261D	.5821	345E	.1801		
107A	-2.1717	165D	.5082	206A	-2.8519	256D	.6735	344E	.2558		
142B	.6986	164D	.5856	242B	.6808	257D	-.4785	343E	.2781		
141B	.5687	163D	.6132	241B	.6595	258D	-.7883	342E	.2914		
140B	.5723	159D	-.1518	240B	.4842	259D	-.5061	341E	.2469		
139B	.5634	160D	-.4073	238B	.4913	260D	-.4616	340E	.2344		
138B	.5616			237B	.4045			339E	.2585		
137B	.5073			236B	.5381			338E	.2513		
136B	.4646			235B	.6155			337E	.3644		
135B	.5314			234B	.7099			336E	.4900		
133B	.7431			233B	.7811			335E	.6048		
132B	.6870			232B	.7518			334E	.6957		
131B	.3196			231B	.4829			333E	.7233		
130B	-1.0122			230B	-1.1645			332E	.5666		
115B	-1.7577			218B	-3.6402			331E	-.1333		
116B	-2.5750			219B	-4.3416			315E	-3.4276		
117B	-5.0616			221B	-2.4121			317E	-4.7245		
118B	-5.6103			222B	-1.8637			318E	-3.7902		
120B	-3.7293			223B	-1.4765			320E	-2.1842		
121B	-2.5305			224B	-1.2904			321E	-1.5162		
122B	-1.6910			225B	-1.1052			322E	-1.1894		
123B	-1.3020			226B	-1.0322			323E	-.9944		
124B	-1.0616			227B	-.8746			325E	-.8323		
125B	-.8132			228B	-.7785			326E	-.8145		
126B	-.6895			229B	-.8194			327E	-.7620		
127B	-.5907			255C	.4050			328E	-.7397		
128B	-.5604			254C	.5865			329E	-.7210		
129B	-.5168			253C	.6114			330E	-.6587		
157C	.3072			252C	.6719						
156C	.4371			251C	.7253						

TABLE 174.- TABULATED PRESSURE DATA FOR RUN 84 AT ALPHA = 25.07 DEGREES AND QINF = 12.78 KN/SQM (266.90 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	155C	.5578	214A	.5446	244C	-.0517	313A	.5375		
111A	.5542	154C	.6427	213A	.4889	245C	-.6631	312A	.3446		
110A	.5987	153C	.7268	212A	.2650	246C	-1.0701	311A	.4402		
109A	.7260	152C	.8454	211A	.2535	247C	-.8480	310A	.6774		
108A	.4616	144C	.4162	210A	.7561	248C	-.7454	309A	.6827		
101A	-.6017	145C	-.6260	208A	-.8370	249C	-.6109	301A	-.6238		
102A	-2.3010	147C	-1.1524	201A	-3.1250	250C	-.6021	302A	-4.0341		
103A	-2.7070	148C	-.8560	202A	-6.4975	264D	-.1361	303A	-4.4067		
104A	-2.8105	149C	-.7074	203A	-5.8032	263D	.4586	304A	-2.8388		
105A	-2.4443	150C	-.6092	204A	-4.1534	262D	.5542	305A	-2.2957		
106A	-2.0454	151C	-.5702	205A	-3.4143	261D	.5790	345E	.1226		
107A	-1.7278	165D	.4162	206A	-3.1794	256D	.6437	344E	.2190		
142B	.6781	164D	.5179	242B	.6711	257D	-.4428	343E	.2615		
141B	.5533	163D	.5896	241B	.7153	258D	-.7782	342E	.2677		
140B	.5525	159D	-.5198	240B	.5100	259D	-.5481	341E	.2172		
139B	.5498	160D	-.7941	238B	.5233	260D	-.4587	340E	.2181		
138B	.5454			237B	.4499			339E	.2385		
137B	.5073			236B	.5729			338E	.2385		
136B	.4657			235B	.6570			337E	.3712		
135B	.5533			234B	.7339			336E	.4951		
133B	.7392			233B	.7923			335E	.6074		
132B	.6941			232B	.7392			334E	.6924		
131B	.4038			231B	.4853			333E	.7189		
130B	-.6750			230B	-1.0188			332E	.6136		
115B	-1.3538			218B	-3.7229			331E	.1234		
116B	-2.0162			219B	-4.4575			315E	-2.4611		
117B	-3.9684			221B	-2.4477			317E	-2.6053		
118B	-4.1157			222B	-1.8248			318E	-1.6986		
120B	-2.5425			223B	-1.4276			320E	-1.2722		
121B	-1.8001			224B	-1.2037			321E	-1.1630		
122B	-1.1896			225B	-1.0117			322E	-1.0931		
123B	-.9056			226B	-.9489			323E	-1.0639		
124B	-.7587			227B	-.7923			325E	-1.0091		
125B	-.6092			228B	-.7516			326E	-1.0285		
126B	-.7082			229B	-.8003			327E	-.9003		
127B	-.6729			255C	.4126			328E	-.8489		
128B	-.7162			254C	.5826			329E	-.8188		
129B	-.6711			253C	.6118			330E	-.7702		
157C	.1445			252C	.6737						
156C	.3348			251C	.7295						

TABLE 175 .- TABULATED PRESSURE DATA FOR RUN 84 AT ALPHA = 29.19 DEGREES AND QINF = 12.64 KN/SQM (263.90 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	.2026	155C	.5544	214A	.5731	244C	-.0013	313A	.5891		
111A	.5190	154C	.6431	213A	.5847	245C	-.6775	312A	.5590		
110A	.7193	153C	.7299	212A	.4074	246C	-1.1889	311A	.5492		
109A	.6918	152C	.8505	211A	.3950	247C	-.9142	310A	.7264		
108A	.0882	144C	.3346	210A	.7707	248C	-.7298	309A	.6262		
101A	-1.4894	145C	-.7174	208A	-1.0604	249C	-.7378	301A	-1.4034		
102A	-3.4826	147C	-1.3378	201A	-3.3412	250C	-.6483	302A	-5.8085		
103A	-3.8305	148C	-1.0684	202A	-6.5666	264D	-.2415	303A	-5.5090		
104A	-3.5678	149C	-.8238	203A	-5.3272	263D	.4498	304A	-3.3245		
105A	-2.8614	150C	-.7351	204A	-3.8893	262D	.5438	305A	-2.6416		
106A	-2.5326	151C	-.7467	205A	-2.9527	261D	.5801	345E	.1513		
107A	-2.0548	165D	.4064	206A	-2.8534	256D	.6510	344E	.2391		
142B	.6714	164D	.5216	242B	.6732	257D	-.5800	343E	.2869		
141B	.5633	163D	.5996	241B	.7255	258D	-.9470	342E	.2798		
140B	.5562	159D	-.6066	240B	.5207	259D	-.6855	341E	.2444		
139B	.5527	160D	-1.0400	238B	.5314	260D	-.5703	340E	.2444		
138B	.5527			237B	.4508			339E	.2789		
137B	.5278			236B	.5891			338E	.2825		
136B	.5083			235B	.6591			337E	.4216		
135B	.6076			234B	.7397			336E	.5439		
133B	.7742			233B	.7893			335E	.6378		
132B	.7051			232B	.7406			334E	.7105		
131B	.4560			231B	.5341			333E	.7140		
130B	-.5003			230B	-.7321			332E	.6148		
115B	-1.3759			218B	-2.8472			331E	.1753		
116B	-2.3137			219B	-3.0988			315E	-2.0903		
117B	-4.4023			221B	-1.7189			317E	-2.2153		
118B	-4.6869			222B	-1.3431			318E	-1.1473		
120B	-2.6744			223B	-1.0099			320E	-.9984		
121B	-1.8226			224B	-1.1127			321E	-.9705		
122B	-1.1526			225B	-.9939			322E	-1.0413		
123B	-.8743			226B	-.9151			323E	-1.0830		
124B	-.7289			227B	-.8193			325E	-.9341		
125B	-.6252			228B	-.8016			326E	-.9403		
126B	-.7608			229B	-.8220			327E	-.8508		
127B	-.7121			255C	.4029			328E	-.8101		
128B	-.7387			254C	.5739			329E	-.7888		
129B	-.8539			253C	.6156			330E	-.7879		
157C	.1467			252C	.6714						
156C	.3337			251C	.7273						

RUN NUMBER 84 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

MACH	Q,PSF	R	ALPHA,DEG	UNCORRECTED CL	UNCORRECTED CD	UNCORRECTED CM	UNCORRECTED L/D	CORRECTED FOR STRUT INTERFERENCE CL	CORRECTED FOR STRUT INTERFERENCE CD	CORRECTED FOR STRUT INTERFERENCE CM	CORRECTED FOR STRUT INTERFERENCE L/D	ISUBT
.200	266.50	4.05	-6.10	.0700	.1231	-.2693	.57	-.1681	.1299	-.2917	-1.29	OFF
.201	268.40	4.06	-3.92	.3600	.0927	-.2851	3.88	.1262	.0981	-.2989	1.29	OFF
.201	267.90	4.05	-1.79	.6620	.0776	-.3248	8.53	.4426	.0811	-.3348	5.46	OFF
.201	267.90	4.05	.42	.9290	.0791	-.3182	11.74	.7570	.0787	-.3364	9.62	OFF
.201	267.10	4.04	2.31	1.1200	.0902	-.2959	12.42	.9919	.0908	-.3339	10.92	OFF
.201	267.60	4.04	4.61	1.3440	.1081	-.2649	12.43	1.2374	.1110	-.3188	11.15	OFF
.202	270.40	4.06	6.57	1.5480	.1252	-.2357	12.36	1.4451	.1296	-.2918	11.15	OFF
.204	274.40	4.08	8.80	1.7610	.1503	-.1992	11.72	1.6619	.1551	-.2536	10.71	OFF
.204	274.40	4.08	10.82	1.9590	.1748	-.1603	11.21	1.8770	.1823	-.2056	10.30	OFF
.202	271.10	4.05	12.81	2.1340	.2001	-.1139	10.66	2.0788	.2083	-.1359	9.98	OFF
.202	269.70	4.04	15.03	2.2990	.2484	-.0452	9.26	2.2834	.2522	-.0461	9.05	OFF
.201	269.20	4.02	16.96	2.4130	.2696	.0191	8.95	2.4099	.2704	.0076	8.91	OFF
.201	268.80	4.03	18.96	2.4210	.4209	.1098	5.75	2.4210	.4209	.0770	5.75	OFF
.201	267.10	4.02	20.97	2.3780	.4289	.0818	5.54	2.3780	.4289	.0438	5.54	OFF
.201	267.60	4.04	22.90	2.2600	.5375	.0470	4.20	2.2600	.5375	.0128	4.20	OFF
.200	266.90	4.03	25.07	2.3360	.5439	.0959	4.29	2.3360	.5439	.0691	4.29	OFF
.200	266.50	4.04	27.01	2.3190	.6580	.1759	3.52	2.3190	.6580	.1580	3.52	OFF
.199	263.90	4.02	29.19	2.2510	.6748	.2344	3.34	2.2510	.6748	.2296	3.34	OFF
.199	263.80	4.04	30.94	2.2090	.8202	.3061	2.69	2.2090	.8202	.3083	2.69	OFF
.202	271.70	4.04	.56	.9420	.0796	-.3127	11.83	.7745	.0792	-.3322	9.78	OFF

TAKE-OFF WING CONFIGURATION, ASPECT RATIO 12, INBOARD SLATS -50, OUTBOARD SLATS -50, FLAPS 30

Table 176 . Tabulated longitidinal data for run 84.

TABLE 177 .- TABULATED PRESSURE DATA FOR RUN 90 AT ALPHA = -6.14 DEGREES AND QINF = 12.94 KN/SQM (270.30 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	-.5277	155C	.4330	214A	-.7763	244C	-.2917	313A	-.5356		
111A	-.6036	154C	.4478	213A	-.6088	245C	-.6093	312A	-.5268		
110A	-.6071	153C	.4792	212A	-.6315	246C	-.6529	311A	-.5303		
109A	-1.3877	152C	.5184	211A	-.6132	247C	-.5927	310A	-.5722		
108A	-2.7736	144C	-.0622	210A	-.8382	248C	-.4950	309A	-.5722		
101A	-2.1063	145C	-.7602	208A	-.8330	249C	-.3222	301A	-.6324		
102A	-.5670	147C	-1.1048	201A	-1.0432	250C	-.2359	302A	-.3201		
103A	.4623	148C	-.9208	202A	.1308	264D	.0468	303A	.5486		
104A	.7667	149C	-.6861	203A	.7004	263D	.1967	304A	.7362		
105A	.7370	150C	-.4889	204A	.7763	262D	.1540	305A	.6882		
106A	.6010	151C	-.3737	205A	.6830	261D	.1226	345E	-.1239		
107A	.3620	165D	.4085	206A	.5137	256D	-.1224	344E	-.1631		
142B	.3275	164D	.4765	242B	-.1624	257D	-.2420	343E	-.1657		
141B	.2900	163D	.5140	241B	-.0012	258D	-.1722	342E	-.1814		
140B	.2229	159D	-.2612	240B	-.1485	259D	-.0797	341E	-.2216		
139B	.2028	160D	-.5142	238B	-.3516	260D	-.0142	340E	-.2660		
138B	.1331			237B	-.4771			339E	-.3201		
137B	.0232			236B	-.5181			338E	-.3707		
136B	-.1215			235B	-.5608			337E	-.4126		
135B	-.2732			234B	-.5844			336E	-.4553		
133B	-.5661			233B	-.6010			335E	-.5042		
132B	-.5608			232B	-.6638			334E	-.5303		
131B	-.5765			231B	-.6821			333E	-.5547		
130B	-.8468			230B	-.7318			332E	-.5905		
115B	-.8781			218B	-.1971			331E	-.5896		
116B	-.7684			219B	-.3297			315E	-.5591		
117B	.4178			221B	-.3048			317E	.0707		
118B	-.2032			222B	-.2812			318E	-.2643		
120B	-.5643			223B	-.2899			320E	-.2468		
121B	-.3973			224B	-.3240			321E	-.2373		
122B	-.3711			225B	-.3824			322E	-.2652		
123B	-.3763			226B	-.5569			323E	-.2617		
124B	-.3938			227B	-.4845			325E	-.3254		
125B	-.4191			228B	-.5281			326E	-.3454		
126B	-.4994			229B	-.6276			327E	-.3254		
127B	-.4941			255C	.0999			328E	-.2878		
128B	-.5683			254C	.0651			329E	-.2425		
129B	-.7175			253C	-.0099			330E	-.1858		
157C	.1557			252C	-.0552						
156C	.3066			251C	-.1642						

TABLE 178.- TABULATED PRESSURE DATA FOR RUN 90 AT ALPHA = -4.06 DEGREES AND QINF = 12.90 KN/SQM (269.50 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	-.4288	155C	.5114	214A	-.4529	244C	-.2521	313A	-.4774		
111A	-.4481	154C	.5684	213A	-.4520	245C	-.7298	312A	-.4581		
110A	-.5431	153C	.6385	212A	-.4581	246C	-.9165	311A	-.4494		
109A	-1.5523	152C	.7576	211A	-.4590	247C	-.8604	310A	-.6377		
108A	-2.4574	144C	.0908	210A	-.8235	248C	-.6878	309A	-.5589		
101A	-1.6048	145C	-.8017	208A	-2.8464	249C	-.5098	301A	-.6009		
102A	-.1682	147C	-1.1935	201A	-1.8659	250C	-.3617	302A	-.2164		
103A	.6202	148C	-.9761	202A	.1927	264D	.1110	303A	.6044		
104A	.7603	149C	-.7219	203A	.7551	263D	.4632	304A	.7157		
105A	.6517	150C	-.5063	204A	.7726	262D	.5000	305A	.6456		
106A	.4835	151C	-.3906	205A	.6307	261D	.5281	345E	.0757		
107A	.2304	165D	.4387	206A	.4222	256D	.4543	344E	.0538		
142B	.4825	164D	.5132	242B	.2591	257D	-.3696	343E	.0467		
141B	.3931	163D	.5438	241B	.2994	258D	-.4590	342E	.0213		
140B	.3476	159D	-.3249	240B	.1434	259D	-.2644	341E	-.0199		
139B	.3353	160D	-.5659	238B	-.0091	260D	-.0839	340E	-.0654		
138B	.3099			237B	-.1417			339E	-.1040		
137B	.2004			236B	-.1706			338E	-.1733		
136B	.0602			235B	-.1978			337E	-.2539		
135B	-.0012			234B	-.2758			336E	-.3486		
133B	-.4919			233B	-.5484			335E	-.4686		
132B	-.4270			232B	-.5107			334E	-.5405		
131B	-.4384			231B	-.4765			333E	-.5510		
130B	-.5427			230B	-.4713			332E	-.5519		
115B	-.5260			218B	-.2357			331E	-.5475		
116B	-.5195			219B	-.5370			315E	-.5265		
117B	.3670			221B	-.4695			317E	.0595		
118B	-.4704			222B	-.4204			318E	-.3627		
120B	-.8121			223B	-.4231			320E	-.3408		
121B	-.5870			224B	-.4450			321E	-.3039		
122B	-.5046			225B	-.4870			322E	-.3223		
123B	-.4827			226B	-.6545			323E	-.3021		
124B	-.4949			227B	-.6080			325E	-.3328		
125B	-.4941			228B	-.6667			326E	-.3293		
126B	-.5624			229B	-.8192			327E	-.2793		
127B	-.5449			255C	.3449			328E	-.2031		
128B	-.6176			254C	.4597			329E	-.1128		
129B	-.7491			253C	.4317			330E	-.0313		
157C	.1758			252C	.4510						
156C	.3257			251C	.4580						

TABLE 179 .- TABULATED PRESSURE DATA FOR RUN 90 AT ALPHA = 1.07 DEGREES AND QINF = 12.86 KN/SQM (268.60 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	-.2351	155C	.5403	214A	-.2984	244C	-.1782	313A	-.5109		
111A	-.1003	154C	.6073	213A	-.4236	245C	-.7484	312A	-.5418		
110A	-.6677	153C	.6928	212A	-.4448	246C	-1.0948	311A	-.5303		
109A	-1.1600	152C	.8338	211A	-.4236	247C	-.9186	310A	-.6184		
108A	-1.3141	144C	.2628	210A	-.7346	248C	-.7167	309A	-1.0816		
101A	-.3700	145C	-.7705	208A	-1.6541	249C	-.5307	301A	-1.8469		
102A	.5283	147C	-1.2218	201A	-.6316	250C	-.3703	302A	.0959		
103A	.7273	148C	-.9573	202A	.6771	264D	.0574	303A	.7062		
104A	.5600	149C	-.6947	203A	.7185	263D	.4919	304A	.5802		
105A	.3222	150C	-.4911	204A	.5353	262D	.5483	305A	.4332		
106A	.1152	151C	-.3818	205A	.3134	261D	.5095	345E	.2932		
107A	-.0953	165D	.4513	206A	.0633	256D	.7632	344E	.3196		
142B	.5703	164D	.5227	242B	.6223	257D	-.3818	343E	.3144		
141B	.4469	163D	.5403	241B	.3993	258D	-.5757	342E	.2985		
140B	.4346	159D	-.3289	240B	.3456	259D	-.3166	341E	.2244		
139B	.4249	160D	-.5792	238B	.2742	260D	-.1367	340E	.1521		
138B	.4020			237B	.0913			339E	.0789		
137B	.2830			236B	.1662			338E	-.0295		
136B	.1174			235B	.2174			337E	-.0110		
135B	.1262			234B	.2985			336E	.0728		
133B	.4390			233B	.5506			335E	.2033		
132B	-.4193			232B	.3276			334E	.4448		
131B	-.4748			231B	-.5700			333E	.4731		
130B	-.6255			230B	-1.5971			332E	-.5083		
115B	-.4519			218B	-.9011			331E	-1.1589		
116B	-.4739			219B	-1.2921			315E	-.9196		
117B	-.8218			221B	-.9626			317E	-.9891		
118B	-1.3247			222B	-.8304			318E	-1.0041		
120B	-1.4145			223B	-.7599			320E	-.7575		
121B	-1.0534			224B	-.7326			321E	-.6361		
122B	-.8445			225B	-.7088			322E	-.5744		
123B	-.7484			226B	-.8137			323E	-.5056		
124B	-.7053			227B	-.7440			325E	-.4386		
125B	-.6471			228B	-.7432			326E	-.3804		
126B	-.6753			229B	-.8480			327E	-.2896		
127B	-.6365			255C	.3896			328E	-.1653		
128B	-.6815			254C	.5509			329E	-.0947		
129B	-.7608			253C	.5659			330E	-.0498		
157C	.1967			252C	.6276						
156C	.3456			251C	.7104						

TABLE 180 .- TABULATED PRESSURE DATA FOR RUN 90 AT ALPHA = 4.29 DEGREES AND QINF = 12.85 KN/SQM (268.30 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	-.3569	155C	.5478	214A	-.4646	244C	-.1381	313A	-.6414		
111A	-.0900	154C	.6203	213A	-.5371	245C	-.7744	312A	-.6449		
110A	-.6152	153C	.7104	212A	-.5309	246C	-1.1438	311A	-.6343		
109A	-.7592	152C	.6491	211A	-.4823	247C	-.9334	310A	-.7636		
108A	-.5896	144C	.3208	210A	-.6135	248C	-.7222	309A	-.9341		
101A	.2079	145C	-.7399	208A	-.5861	249C	-.5278	301A	-.7548		
102A	.7043	147C	-1.1880	201A	.2088	250C	-.3581	302A	.6186		
103A	.5948	148C	-.9034	202A	.7450	264D	.0681	303A	.6292		
104A	.2804	149C	-.6515	203A	.4676	263D	.5046	304A	.3104		
105A	.0313	150C	-.4589	204A	.2194	262D	.5637	305A	.1602		
106A	-.1701	151C	-.3466	205A	-.0067	261D	.5355	345E	.2780		
107A	-.2726	165D	.4613	206A	-.2814	256D	.7589	344E	.3124		
142B	.5885	164D	.5399	242B	.6742	257D	-.3555	343E	.3116		
141B	.4683	163D	.5496	241B	.4348	258D	-.5552	342E	.2992		
140B	.4604	159D	-.3033	240B	.3809	259D	-.2998	341E	.2276		
139B	.4560	160D	-.5578	238B	.3146	260D	-.1310	340E	.1648		
138B	.4365			237B	.1533			339E	.1021		
137B	.3234			236B	.2373			338E	.0119		
136B	.1794			235B	.2939			337E	.0534		
135B	.1962			234B	.3779			336E	.1507		
133B	.6291			233B	.5547			335E	.2718		
132B	.0072			232B	.7801			334E	.4380		
131B	-.5901			231B	.2921			333E	.7456		
130B	-1.4100			230B	-1.8118			332E	.5591		
115B	-.8551			218B	-1.3837			331E	-.8173		
116B	-.7142			219B	-1.8597			315E	-1.5170		
117B	-1.4305			221B	-1.2657			317E	-1.6495		
118B	-1.9701			222B	-1.0412			318E	-1.5215		
120B	-1.8218			223B	-.9361			320E	-1.0189		
121B	-1.3232			224B	-.8848			321E	-.8031		
122B	-1.0262			225B	-.8459			322E	-.7139		
123B	-.8760			226B	-.9361			323E	-.6228		
124B	-.8044			227B	-.8300			325E	-.5035		
125B	-.7178			228B	-.8079			326E	-.4257		
126B	-.7204			229B	-.8822			327E	-.3099		
127B	-.6657			255C	.4038			328E	-.1764		
128B	-.6939			254C	.5664			329E	-.1136		
129B	-.7372			253C	.5867			330E	-.0853		
157C	.2130			252C	.6477						
156C	.3597			251C	.7263						

TABLE 181 .- TABULATED PRESSURE DATA FOR RUN 90 AT ALPHA = 9.13 DEGREES AND QINF = 12.76 KN/SQM (266.60 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	-.3246	155C	.5698	214A	-.3846	244C	-.1120	313A	-.4595		
111A	-.1277	154C	.6437	213A	-.5308	245C	-.8257	312A	-.4684		
110A	-.2690	153C	.7239	212A	-.5539	246C	-1.2267	311A	-.4265		
109A	-.1015	152C	.8558	211A	-.4996	247C	-.9950	310A	-.2805		
108A	.2538	144C	.3453	210A	-.2004	248C	-.7535	309A	-.1897		
101A	.6706	145C	-.7116	208A	.4996	249C	-.5361	301A	.4586		
102A	.5147	147C	-1.1777	201A	.7436	250C	-.3641	302A	.6661		
103A	.0294	148C	-.8774	202A	.1487	264D	.0941	303A	-.0374		
104A	-.4025	149C	-.6234	203A	-.3945	263D	.5253	304A	-.4061		
105A	-.5904	150C	-.4372	204A	-.5691	262D	.5876	305A	-.4960		
106A	-.7258	151C	-.3267	205A	-.6991	261D	.5796	345E	.2436		
107A	-.7552	165D	.4816	206A	-.9253	256D	.7408	344E	.2935		
142B	.6268	164D	.5564	242B	.6999	257D	-.3490	343E	.2997		
141B	.5012	163D	.5778	241B	.5146	258D	-.5584	342E	.2863		
140B	.4941	159D	-.2581	240B	.4317	259D	-.2928	341E	.2266		
139B	.4861	160D	-.5049	238B	.3819	260D	-.1182	340E	.1803		
138B	.4736			237B	.2489			339E	.1331		
137B	.3863			236B	.3469			338E	.0707		
136B	.2723			235B	.4173			337E	.1366		
135B	.3061			234B	.5055			336E	.2471		
133B	.6375			233B	.6526			335E	.3683		
132B	.6723			232B	.7818			334E	.5278		
131B	-.0983			231B	.4841			333E	.7301		
130B	-1.7855			230B	-1.7159			332E	.6276		
115B	-1.5360			218B	-2.1640			331E	-.3775		
116B	-1.3296			219B	-2.7791			315E	-2.1790		
117B	-2.5903			221B	-1.7470			317E	-2.5806		
118B	-3.1472			222B	-1.4058			318E	-2.2717		
120B	-2.5108			223B	-1.2178			320E	-1.4311		
121B	-1.7586			224B	-1.1233			321E	-1.0877		
122B	-1.2890			225B	-1.0306			322E	-.9300		
123B	-1.0716			226B	-1.0975			323E	-.7865		
124B	-.9549			227B	-.9398			325E	-.5851		
125B	-.8123			228B	-.9041			326E	-.4800		
126B	-.7687			229B	-.9594			327E	-.3356		
127B	-.6974			255C	.4344			328E	-.2100		
128B	-.7045			254C	.5903			329E	-.1895		
129B	-.7205			253C	.6135			330E	-.1708		
157C	.2429			252C	.6723						
156C	.3899			251C	.7426						

TABLE 182 .- TABULATED PRESSURE DATA FOR RUN 90 AT ALPHA = 12.74 DEGREES AND QINF = 12.76 KN/SQM (266.60 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	-.2065	155C	.5887	214A	.0836	244C	-.0839	313A	-.2502		
111A	.1068	154C	.6547	213A	-.3055	245C	-.8081	312A	-.3127		
110A	.0336	153C	.7368	212A	-.3796	246C	-1.2045	311A	-.2520		
109A	.3227	152C	.8600	211A	-.2538	247C	-.9483	310A	.0497		
108A	.6217	144C	.3683	210A	.2165	248C	-.7054	309A	.2308		
101A	.6306	145C	-.6607	208A	.7743	249C	-.4884	301A	.7306		
102A	-.0681	147C	-1.1170	201A	.4414	250C	-.3277	302A	-.0324		
103A	-.7276	148C	-.8134	202A	-1.0516	264D	.0961	303A	-1.0641		
104A	-1.1497	149C	-.5706	203A	-1.5353	263D	.5307	304A	-1.1908		
105A	-1.2194	150C	-.3813	204A	-1.4549	262D	.5976	305A	-1.1337		
106A	-1.2854	151C	-.2822	205A	-1.4076	261D	.6012	345E	.2174		
107A	-1.1935	165D	.4959	206A	-1.5442	256D	.7304	344E	.2710		
142B	.6502	164D	.5717	242B	.7083	257D	-.3036	343E	.2808		
141B	.5307	163D	.5922	241B	.5806	258D	-.5072	342E	.2754		
140B	.5271	159D	-.2170	240B	.4682	259D	-.2616	341E	.2192		
139B	.5208	160D	-.4670	238B	.4370	260D	-.1187	340E	.1862		
138B	.5075			237B	.3245			339E	.1541		
137B	.4298			236B	.4370			338E	.1068		
136B	.3433			235B	.5021			337E	.1942		
135B	.3932			234B	.5958			336E	.3147		
133B	.6752			233B	.7154			335E	.4396		
132B	.7038			232B	.7797			334E	.5789		
131B	.1960			231B	.4798			333E	.7216		
130B	-1.4665			230B	-1.5058			332E	.5976		
115B	-1.6914			218B	-2.7561			331E	-.2564		
116B	-1.7584			219B	-3.4548			315E	-2.6500		
117B	-3.4636			221B	-2.1171			317E	-3.3336		
118B	-4.0482			222B	-1.6581			318E	-2.8454		
120B	-2.9922			223B	-1.4054			320E	-1.7307		
121B	-2.0573			224B	-1.2644			321E	-1.2943		
122B	-1.4778			225B	-1.1367			322E	-1.0783		
123B	-1.1992			226B	-1.1813			323E	-.8990		
124B	-1.0447			227B	-.9938			325E	-.6098		
125B	-.8581			228B	-.9206			326E	-.4697		
126B	-.7867			229B	-.9447			327E	-.3368		
127B	-.6983			255C	.4548			328E	-.2886		
128B	-.6974			254C	.6065			329E	-.2671		
129B	-.6893			253C	.6297			330E	-.2538		
157C	.2728			252C	.6868						
156C	.4111			251C	.7529						

TABLE 183.- TABULATED PRESSURE DATA FOR RUN 90 AT ALPHA = 15.11 DEGREES AND QINF = 12.76 KN/SQM (266.60 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	-.1750	155C	.6015	214A	.3522	244C	-.0695	313A	-.0615		
111A	.2986	154C	.6685	213A	-.1803	245C	-.7629	312A	-.2304		
110A	.2220	153C	.7435	212A	-.2652	246C	-1.1534	311A	-.1357		
109A	.5051	152C	.8624	211A	-.1026	247C	-.8728	310A	.2470		
108A	.7097	144C	.3933	210A	.4185	248C	-.6378	309A	.4417		
101A	.4274	145C	-.6110	208A	.6802	249C	-.4475	301A	.6463		
102A	-.6418	147C	-1.0622	201A	-.0853	250C	-.2983	302A	-.8642		
103A	-1.3430	148C	-.7567	202A	-2.1094	264D	.0788	303A	-1.9281		
104A	-1.7209	149C	-.5261	203A	-2.4366	263D	.5273	304A	-1.7807		
105A	-1.6548	150C	-.3474	204A	-2.1469	262D	.5997	305A	-1.5931		
106A	-1.6548	151C	-.2518	205A	-1.9067	261D	.6050	345E	.1985		
107A	-1.4547	165D	.5077	206A	-2.1050	256D	.7221	344E	.2539		
142B	.6721	164D	.5836	242B	.7015	257D	-.2724	343E	.2691		
141B	.5541	163D	.6077	241B	.6310	258D	-.4698	342E	.2619		
140B	.5452	159D	-.1866	240B	.4898	259D	-.2491	341E	.2182		
139B	.5407	160D	-.4439	238B	.4719	260D	-.1276	340E	.1869		
138B	.5291			237B	.3674			339E	.1699		
137B	.4603			236B	.4791			338E	.1333		
136B	.3906			235B	.5532			337E	.2298		
135B	.4469			234B	.6399			336E	.3522		
133B	.6989			233B	.7426			335E	.4791		
132B	.7015			232B	.7659			334E	.6042		
131B	.2664			231B	.4719			333E	.7123		
130B	-1.3204			230B	-1.3901			332E	.5765		
115B	-1.7404			218B	-3.1360			331E	-.2509		
116B	-2.0201			219B	-3.8760			315E	-2.9253		
117B	-3.9840			221B	-2.3333			317E	-3.7795		
118B	-4.5612			222B	-1.8137			318E	-3.1802		
120B	-3.2581			223B	-1.5179			320E	-1.9040		
121B	-2.2473			224B	-1.3553			321E	-1.4080		
122B	-1.5697			225B	-1.1963			322E	-1.1668		
123B	-1.2499			226B	-1.2150			323E	-.9648		
124B	-1.0667			227B	-1.0006			325E	-.6262		
125B	-.8585			228B	-.9068			326E	-.4904		
126B	-.7781			229B	-.8889			327E	-.4314		
127B	-.6744			255C	.4648			328E	-.3984		
128B	-.6655			254C	.6104			329E	-.3760		
129B	-.6459			253C	.6345			330E	-.3555		
157C	.2896			252C	.6908						
156C	.4272			251C	.7525						

TABLE 184.- TABULATED PRESSURE DATA FOR RUN 90 AT ALPHA = 16.32 DEGREES AND QINF = 12.85 KN/SQM (268.30 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	-.1244	155C	.6058	214A	.4513	244C	-.0553	313A	.0452		
111A	.4277	154C	.6705	213A	-.0887	245C	-.7214	312A	-.1561		
110A	.3155	153C	.7440	212A	-.2084	246C	-1.0974	311A	-.0727		
109A	.6025	152C	.8619	211A	-.0647	247C	-.8242	310A	.3235		
108A	.7105	144C	.4108	210A	.4997	248C	-.5866	309A	.5113		
101A	.2429	145C	-.5724	208A	.5564	249C	-.4109	301A	.5485		
102A	-1.0006	147C	-1.0194	201A	-.4515	250C	-.2806	302A	-1.3672		
103A	-1.7020	148C	-.7355	202A	-2.7759	264D	.0714	303A	-2.4038		
104A	-2.0368	149C	-.5023	203A	-2.9840	263D	.5260	304A	-2.0970		
105A	-1.8907	150C	-.3320	204A	-2.4459	262D	.5969	305A	-1.7986		
106A	-1.8579	151C	-.2336	205A	-2.1580	261D	.6023	345E	.1782		
107A	-1.5922	165D	.5101	206A	-2.3116	256D	.7208	344E	.2447		
142B	.6767	164D	.5845	242B	.6944	257D	-.2602	343E	.2615		
141B	.5571	163D	.6111	241B	.6510	258D	-.4677	342E	.2545		
140B	.5500	159D	-.1715	240B	.5012	259D	-.2486	341E	.2137		
139B	.5473	160D	-.4242	238B	.4826	260D	-.1484	340E	.1915		
138B	.5385			237B	.3901			339E	.1729		
137B	.4747			236B	.5018			338E	.1463		
136B	.4108			235B	.5719			337E	.2474		
135B	.4711			234B	.6650			336E	.3733		
133B	.7095			233B	.7581			335E	.4974		
132B	.6997			232B	.7616			334E	.6215		
131B	.2832			231B	.4743			333E	.7084		
130B	-1.2356			230B	-1.3309			332E	.5683		
115B	-1.7301			218B	-3.2964			331E	-.2235		
116B	-2.1280			219B	-4.0592			315E	-3.0436		
117B	-4.2119			221B	-2.4238			317E	-3.9679		
118B	-4.8140			222B	-1.8628			318E	-3.3043		
120B	-3.3965			223B	-1.5621			320E	-1.9535		
121B	-2.3367			224B	-1.3786			321E	-1.4417		
122B	-1.6154			225B	-1.2047			322E	-1.1784		
123B	-1.2783			226B	-1.2100			323E	-.9532		
124B	-1.0806			227B	-.9777			325E	-.6322		
125B	-.8535			228B	-.8668			326E	-.5808		
126B	-.7568			229B	-.8349			327E	-.5045		
127B	-.6504			255C	.4693			328E	-.4442		
128B	-.6407			254C	.6093			329E	-.4212		
129B	-.6114			253C	.6350			330E	-.3893		
157C	.2983			252C	.6891						
156C	.4321			251C	.7503						

TABLE 185 .- TABULATED PRESSURE DATA FOR RUN 90 AT ALPHA = 17.36 DEGREES AND QINF = 12.85 KN/SQM (268.40 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	-.1020	155C	.6015	214A	.4997	244C	-.0361	313A	.1464		
111A	.4943	154C	.6715	213A	-.0016	245C	-.6814	312A	-.0892		
110A	.3818	153C	.7450	212A	-.1566	246C	-1.0466	311A	-.0299		
109A	.6564	152C	.8593	211A	-.0423	247C	-.7718	310A	.3853		
108A	.6927	144C	.4163	210A	.5554	248C	-.5582	309A	.5643		
101A	.1018	145C	-.5697	208A	.4066	249C	-.3942	301A	.4199		
102A	-1.2891	147C	-1.0005	201A	-.8134	250C	-.2710	302A	-1.8437		
103A	-2.0032	148C	-.7027	202A	-3.3118	264D	.0619	303A	-2.8306		
104A	-2.2951	149C	-.4855	203A	-3.3925	263D	.5306	304A	-2.3653		
105A	-2.1024	150C	-.3215	204A	-2.6963	262D	.6006	305A	-2.0085		
106A	-2.0395	151C	-.2382	205A	-2.3820	261D	.6094	345E	.1720		
107A	-1.7383	165D	.5111	206A	-2.4935	256D	.7227	344E	.2385		
142B	.6856	164D	.5891	242B	.7034	257D	-.2639	343E	.2588		
141B	.5581	163D	.6139	241B	.6644	258D	-.4722	342E	.2544		
140B	.5536	159D	-.1664	240B	.5023	259D	-.2639	341E	.2110		
139B	.5474	160D	-.4146	238B	.4819	260D	-.1620	340E	.1906		
138B	.5403			237B	.3908			339E	.1809		
137B	.4854			236B	.5086			338E	.1543		
136B	.4243			235B	.5821			337E	.2615		
135B	.4898			234B	.6707			336E	.3828		
133B	.7220			233B	.7619			335E	.5086		
132B	.6954			232B	.7548			334E	.6255		
131B	.2905			231B	.4687			333E	.7034		
130B	-1.1846			230B	-1.2973			332E	.5573		
115B	-1.7356			218B	-3.4382			331E	-.2185		
116B	-2.2608			219B	-4.1801			315E	-3.1607		
117B	-4.4874			221B	-2.4774			317E	-4.1696		
118B	-5.0590			222B	-1.8887			318E	-3.4601		
120B	-3.5321			223B	-1.5732			320E	-2.0492		
121B	-2.4123			224B	-1.3835			321E	-1.4789		
122B	-1.6512			225B	-1.1964			322E	-1.2043		
123B	-1.2948			226B	-1.1885			323E	-.9758		
124B	-1.0972			227B	-.9482			325E	-.6534		
125B	-.8587			228B	-.8312			326E	-.5914		
126B	-.7488			229B	-.7807			327E	-.5365		
127B	-.6504			255C	.4730			328E	-.4683		
128B	-.6344			254C	.6148			329E	-.4231		
129B	-.5999			253C	.6378			330E	-.4072		
157C	.3003			252C	.6910						
156C	.4349			251C	.7512						

TABLE 186.- TABULATED PRESSURE DATA FOR RUN 90 AT ALPHA = 18.25 DEGREES AND QINF = 12.85 KN/SQM (268.40 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	-.0704	155C	.6082	214A	.5142	244C	-.0386	313A	.2211		
111A	.5374	154C	.6719	213A	.0812	245C	-.6409	312A	-.0241		
110A	.4357	153C	.7480	212A	-.1056	246C	-1.0055	311A	.0024		
109A	.6773	152C	.8595	211A	-.0108	247C	-.7260	310A	.4339		
108A	.6649	144C	.4330	210A	.5941	248C	-.5211	309A	.6012		
101A	-.0448	145C	-.5282	208A	.2809	249C	-.3757	301A	.2994		
102A	-1.5445	147C	-.9620	201A	-1.1030	250C	-.2710	302A	-2.2505		
103A	-2.2488	148C	-.6684	202A	-3.7571	264D	.0614	303A	-3.1792		
104A	-2.5101	149C	-.4528	203A	-3.7527	263D	.5295	304A	-2.5776		
105A	-2.2672	150C	-.2967	204A	-2.9275	262D	.6065	305A	-2.1593		
106A	-2.1515	151C	-.2115	205A	-2.5566	261D	.6171	345E	.1778		
107A	-1.8551	165D	.5171	206A	-2.6250	256D	.7287	344E	.2388		
142B	.6923	164D	.5905	242B	.7135	257D	-.2648	343E	.2583		
141B	.5640	163D	.6189	241B	.6693	258D	-.4688	342E	.2583		
140B	.5613	159D	-.1468	240B	.5047	259D	-.2648	341E	.2149		
139B	.5569	160D	-.3978	238B	.4959	260D	-.1592	340E	.1955		
138B	.5481			237B	.4044			339E	.1884		
137B	.4967			236B	.5204			338E	.1715		
136B	.4384			235B	.5947			337E	.2751		
135B	.5038			234B	.6841			336E	.4009		
133B	.7312			233B	.7665			335E	.5230		
132B	.6949			232B	.7523			334E	.6363		
131B	.2985			231B	.4690			333E	.7019		
130B	-1.1437			230B	-1.2618			332E	.5522		
115B	-1.7330			218B	-3.5229			331E	-.2012		
116B	-2.3391			219B	-4.2858			315E	-3.2213		
117B	-4.6331			221B	-2.5097			317E	-4.3060		
118B	-5.2259			222B	-1.9174			318E	-3.5598		
120B	-3.5764			223B	-1.5767			320E	-2.0799		
121B	-2.4323			224B	-1.3869			321E	-1.5123		
122B	-1.6575			225B	-1.1758			322E	-1.2379		
123B	-1.2929			226B	-1.1660			323E	-1.0104		
124B	-1.0809			227B	-.9132			325E	-.7412		
125B	-.8431			228B	-.7926			326E	-.6323		
126B	-.7349			229B	-.7429			327E	-.5580		
127B	-.6267			255C	.4711			328E	-.5146		
128B	-.5992			254C	.6171			329E	-.4553		
129B	-.5708			253C	.6427			330E	-.4252		
157C	.3065			252C	.6985						
156C	.4384			251C	.7560						

TABLE 187 .- TABULATED PRESSURE DATA FOR RUN 90 AT ALPHA = 19.52 DEGREES AND QINF = 12.87 KN/SQM (268.90 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	-.0558	155C	.6070	214A	.5355	244C	-.0402	313A	.2873		
111A	.5522	154C	.6741	213A	.1627	245C	-.7200	312A	.0584		
110A	.4913	153C	.7484	212A	-.0361	246C	-1.0197	311A	.0620		
109A	.7220	152C	.8580	211A	.0310	247C	-.8491	310A	.4922		
108A	.6133	144C	.4470	210A	.6318	248C	-.6820	309A	.6398		
101A	-.2526	145C	-.4902	208A	.1088	249C	-.5061	301A	.0743		
102A	-1.9330	147C	-.9269	201A	-1.2739	250C	-.4372	302A	-2.8849		
103A	-2.5785	148C	-.6378	202A	-3.9882	264D	-.0567	303A	-3.7124		
104A	-2.8044	149C	-.4336	203A	-3.9217	263D	.4859	304A	-2.8412		
105A	-2.4471	150C	-.2798	204A	-3.0881	262D	.5610	305A	-2.4095		
106A	-2.3123	151C	-.2100	205A	-2.6389	261D	.5699	345E	.1733		
107A	-2.0037	165D	.5115	206A	-2.6082	256D	.7085	344E	.2431		
142B	.6971	164D	.5911	242B	.6848	257D	-.5150	343E	.2643		
141B	.5734	163D	.6149	241B	.6591	258D	-.5203	342E	.2634		
140B	.5681	159D	-.1472	240B	.5098	259D	-.5335	341E	.2263		
139B	.5628	160D	-.4009	238B	.4833	260D	-.2515	340E	.2060		
138B	.5575			237B	.3844			339E	.2060		
137B	.5027			236B	.5276			338E	.1892		
136B	.4514			235B	.5938			337E	.2961		
135B	.5221			234B	.6919			336E	.4207		
133B	.7351			233B	.7714			335E	.5417		
132B	.6936			232B	.7564			334E	.6477		
131B	.3109			231B	.4799			333E	.6990		
130B	-1.0802			230B	-1.2077			332E	.5488		
115B	-1.7306			218B	-3.5548			331E	-.1845		
116B	-2.4646			219B	-4.2027			315E	-3.3350		
117B	-4.8717			221B	-2.3845			317E	-4.5425		
118B	-5.4251			222B	-1.8039			318E	-3.7010		
120B	-3.6345			223B	-1.4370			320E	-2.1555		
121B	-2.4898			224B	-1.2699			321E	-1.5558		
122B	-1.6607			225B	-1.0878			322E	-1.2784		
123B	-1.2814			226B	-1.0445			323E	-1.0645		
124B	-1.0639			227B	-.8597			325E	-.8225		
125B	-.8244			228B	-.7784			326E	-.7862		
126B	-.6997			229B	-.8403			327E	-.6228		
127B	-.5945			255C	.4338			328E	-.5609		
128B	-.5662			254C	.5725			329E	-.4858		
129B	-.5353			253C	.6194			330E	-.4452		
157C	.3065			252C	.6954						
156C	.4417			251C	.7307						

TABLE 188 .- TABULATED PRESSURE DATA FOR RUN 90 AT ALPHA = 20.95 DEGREES AND QINF = 12.82 KN/SQM (267.80 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	-.0402	155C	.6031	214A	.5469	244C	-.0659	313A	.3225		
111A	.5437	154C	.6749	213A	.2498	245C	-.7049	312A	.1159		
110A	.5506	153C	.7440	212A	.0307	246C	-1.1001	311A	.1194		
109A	.7386	152C	.8530	211A	.0768	247C	-1.0939	310A	.5382		
108A	.5417	144C	.4569	210A	.6738	248C	-.6951	309A	.6588		
101A	-.5054	145C	-.4816	208A	-.0293	249C	-.5870	301A	-.1268		
102A	-2.2970	147C	-.8972	201A	-1.8044	250C	-.5613	302A	-3.3286		
103A	-2.9481	148C	-.6216	202A	-4.8189	264D	-.1280	303A	-4.2381		
104A	-3.0861	149C	-.4239	203A	-4.4437	263D	.4507	304A	-3.1072		
105A	-2.6379	150C	-.2848	204A	-3.4411	262D	.5641	305A	-2.6186		
106A	-2.4824	151C	-.2166	205A	-2.8339	261D	.5579	345E	.1815		
107A	-2.1263	165D	.5056	206A	-2.8312	256D	.6572	344E	.2471		
142B	.6953	164D	.5827	242B	.6776	257D	-.4833	343E	.2631		
141B	.5686	163D	.6120	241B	.6696	258D	-.8688	342E	.2622		
140B	.5721	159D	-.1537	240B	.4808	259D	-.4665	341E	.2267		
139B	.5633	160D	-.4142	238B	.4879	260D	-.4417	340E	.2134		
138B	.5588			237B	.4006			339E	.2072		
137B	.5056			236B	.5327			338E	.1957		
136B	.4613			235B	.6125			337E	.3101		
135B	.5340			234B	.7012			336E	.4325		
133B	.7423			233B	.7802			335E	.5522		
132B	.6864			232B	.7536			334E	.6524		
131B	.3196			231B	.4804			333E	.6959		
130B	-1.0150			230B	-1.1631			332E	.5398		
115B	-1.7647			218B	-3.5738			331E	-.1821		
116B	-2.5650			219B	-4.2223			315E	-3.3831		
117B	-5.0439			221B	-2.4360			317E	-4.6660		
118B	-5.6151			222B	-1.8126			318E	-2.1219		
120B	-3.7319			223B	-1.4617			320E	-2.1845		
121B	-2.5275			224B	-1.2552			321E	-1.6243		
122B	-1.6859			225B	-1.0195			322E	-1.3369		
123B	-1.2942			226B	-1.0159			323E	-1.0859		
124B	-1.0691			227B	-.8600			325E	-.8810		
125B	-.8219			228B	-.7634			326E	-.7826		
126B	-.6907			229B	-.8210			327E	-.6699		
127B	-.5888			255C	.4002			328E	-.5316		
128B	-.5507			254C	.5721			329E	-.4464		
129B	-.5152			253C	.6058			330E	-.4207		
157C	.2974			252C	.6643						
156C	.4427			251C	.7272						

TABLE 189 .- TABULATED PRESSURE DATA FOR RUN 90 AT ALPHA = 24.77 DEGREES AND QINF = 12.94 KN/SQM (270.30 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	.1304	155C	.5647	214A	.5654	244C	-.0449	313A	.5195		
111A	.5655	154C	.6468	213A	.4659	245C	-.6645	312A	.2487		
110A	.6009	153C	.7212	212A	.2176	246C	-1.1864	311A	.3655		
109A	.7384	152C	.8466	211A	.2141	247C	-.7978	310A	.6415		
108A	.4867	144C	.4124	210A	.7540	248C	-.7381	309A	.6796		
101A	-.5395	145C	-.6533	208A	-.6779	249C	-.7173	301A	-.8380		
102A	-2.1636	147C	-1.1146	201A	-2.8941	250C	-.4966	302A	-3.4472		
103A	-2.6866	148C	-.7840	202A	-6.1525	264D	-.1230	303A	-3.8665		
104A	-2.6454	149C	-.6654	203A	-5.4682	263D	.4565	304A	-2.5760		
105A	-2.3110	150C	-.6100	204A	-3.9299	262D	.5370	305A	-3.0253		
106A	-2.0397	151C	-.5650	205A	-3.2139	261D	.5776	345E	.0843		
107A	-1.6859	165D	.4219	206A	-3.0467	256D	.6380	344E	.1674		
142B	.6806	164D	.5231	242B	.6728	257D	-.4776	343E	.1986		
141B	.5543	163D	.5889	241B	.7238	258D	-.7485	342E	.2072		
140B	.5508	159D	-.4767	240B	.5093	259D	-.5815	341E	.1735		
139B	.5439	160D	-.7926	238B	.5223	260D	-.4698	340E	.1674		
138B	.5456			237B	.4434			339E	.2046		
137B	.4989			236B	.5749			338E	.1717		
136B	.4661			235B	.6554			337E	.3007		
135B	.5508			234B	.7315			336E	.4399		
133B	.7394			233B	.7921			335E	.5585		
132B	.6953			232B	.7419			334E	.6545		
131B	.4124			231B	.4988			333E	.6995		
130B	-.6714			230B	-1.0534			332E	.5550		
115B	-1.3400			218B	-3.7439			331E	-.1017		
116B	-1.9800			219B	-4.4221			315E	-2.4302		
117B	-3.8064			221B	-2.4557			317E	-2.5871		
118B	-4.0414			222B	-1.7818			318E	-1.7871		
120B	-2.5263			223B	-1.3932			320E	-1.2438		
121B	-1.7697			224B	-1.1951			321E	-1.2213		
122B	-1.1674			225B	-1.0168			322E	-1.0975		
123B	-.9250			226B	-.9458			323E	-1.0266		
124B	-.7528			227B	-.8108			325E	-.9799		
125B	-.6334			228B	-.7346			326E	-.9565		
126B	-.6740			229B	-.7667			327E	-.9210		
127B	-.6567			255C	.4219			328E	-.8501		
128B	-.7104			254C	.5794			329E	-.7982		
129B	-.6905			253C	.6131			330E	-.8198		
157C	.1573			252C	.6719						
156C	.3372			251C	.7307						

RUN NUMBER 90 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

MACH	Q,PSF	R	ALPHA,DEG	UNCORRECTED CL	UNCORRECTED CD	UNCORRECTED CM	UNCORRECTED L/D	CORRECTED FOR STRUT INTERFERENCE CL	CORRECTED FOR STRUT INTERFERENCE CD	CORRECTED FOR STRUT INTERFERENCE CM	CORRECTED FOR STRUT INTERFERENCE L/D	ISUBT
.201	270.30	4.28	-6.14	.0860	.1216	-.3062	.71	-.1522	.1285	-.3288	-1.18	OFF
.201	269.50	4.27	-4.06	.3930	.0905	-.3541	4.34	.1588	.0960	-.3683	1.65	OFF
.200	267.40	4.25	-1.78	.7150	.0779	-.4010	9.18	.4957	.0814	-.4111	6.09	OFF
.201	268.60	4.26	1.07	1.0330	.0672	-.3842	11.85	.8809	.0669	-.4090	10.13	OFF
.201	268.20	4.25	2.31	1.1520	.0966	-.3685	11.93	1.0239	.0972	-.4065	10.53	OFF
.201	268.30	4.25	4.29	1.3590	.1132	-.3429	12.01	1.2508	.1157	-.3954	10.81	OFF
.200	266.40	4.23	6.73	1.5990	.1394	-.3065	11.47	1.4960	.1439	-.3626	10.40	OFF
.200	266.60	4.23	9.13	1.8250	.1661	-.2665	10.86	1.7278	.1729	-.3202	9.99	OFF
.200	266.30	4.22	11.24	2.0310	.1977	-.2264	10.27	1.9539	.2059	-.2685	9.49	OFF
.200	266.60	4.22	12.74	2.1520	.2170	-.1913	9.92	2.0957	.2253	-.2144	9.30	OFF
.200	266.60	4.22	15.11	2.3310	.2441	-.1338	9.55	2.3164	.2478	-.1346	9.35	OFF
.201	268.30	4.23	16.32	2.3740	.3030	-.0817	7.83	2.3686	.3046	-.0860	7.78	OFF
.201	268.40	4.22	17.36	2.4740	.3698	-.0426	6.69	2.4719	.3702	-.0594	6.68	OFF
.201	268.40	4.22	18.25	2.4800	.3986	-.0138	6.22	2.4793	.3985	-.0414	6.22	OFF
.201	268.90	4.22	19.52	2.4720	.3788	.0485	6.53	2.4721	.3788	.0137	6.53	OFF
.201	269.00	4.23	20.17	2.3980	.4526	-.0035	5.30	2.3980	.4526	-.0400	5.30	OFF
.201	267.80	4.21	20.95	2.3870	.3735	.0086	6.39	2.3870	.3735	-.0294	6.39	OFF
.201	269.50	4.24	22.89	2.3340	.5458	-.0016	4.28	2.3340	.5458	-.0356	4.28	OFF
.201	270.30	4.25	24.77	2.3590	.6233	.0413	3.78	2.3590	.6233	.0135	3.78	OFF
.201	268.70	4.23	26.80	2.3460	.5977	.0935	3.93	2.3460	.5977	.0742	3.93	OFF
.200	267.40	4.20	.76	1.0270	.0837	-.3858	12.27	.8659	.0833	-.4073	10.39	OFF

TAKE-OFF WING CONFIGURATION, ASPECT RATIO 10, INBOARD SLATS -50, OUTBOARD SLATS -50, FLAPS 30

Table 190 . Tabulated longitidinal data for run 90.

TABLE 191 .- TABULATED PRESSURE DATA FOR RUN 134 AT ALPHA = -5.62 DEGREES AND QINF = 13.39 KN/SQM (279.70 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	-.3914	155C	.6317	214A	-.5016	244C	-.2871	313A	-.6621		
111A	-.4375	154C	.7086	213A	-.4922	245C	-1.8616	312A	-.6057		
110A	-.4712	153C	.8034	212A	-.4803	246C	-1.7238	311A	-.5690		
109A	-1.4182	152C	.9349	211A	-.4803	247C	-1.4140	310A	-1.1387		
108A	-2.4214	144C	-.9098	210A	-.7763	248C	-1.0658	309A	-1.1191		
101A	-1.6670	145C	-2.2642	208A	-2.7060	249C	-.7894	301A	-1.1456		
102A	-.2455	147C	-1.9908	201A	-1.9259	250C	-.6140	302A	-.6549		
103A	.5947	148C	-1.5877	202A	.1083	264D	.2184	303A	.4827		
104A	.7673	149C	-1.1257	203A	.7417	263D	.5617	304A	.7408		
105A	.6801	150C	-.8091	204A	.7844	262D	.6078	305A	.6972		
106A	.5169	151C	-.7141	205A	.6605	261D	.6753	345E	.0165		
107A	.2690	165D	.6360	206A	.4588	256D	.2665	344E	.0012		
142B	.5267	164D	.7598	242B	.1817	257D	-.6328	343E	-.0057		
141B	.4165	163D	.9306	241B	.3217	258D	-.7047	342E	-.0262		
140B	.2739	159D	-1.2848	240B	.1236	259D	-.3342	341E	-.0654		
139B	.2688	160D	-1.0144	238B	-.0617	260D	-.0587	340E	-.1047		
138B	.2636			237B	-.2037			339E	-.1354		
137B	.1176			236B	-.2276			338E	-.1969		
136B	-.0276			235B	-.3292			337E	-.2507		
135B	.0177			234B	-.4683			336E	-.3420		
133B	-.5391			233B	-.5571			335E	-.5545		
132B	-.4230			232B	-.5520			334E	-.7670		
131B	-.4187			231B	-.5272			333E	-.7935		
130B	-.5101			230B	-.5221			332E	-.7278		
115B	-.5502			218B	-.2626			331E	-.6979		
116B	-.5370			219B	-.5182			315E	-.6652		
117B	.3613			221B	-.4711			317E	.0374		
118B	-.4208			222B	-.4403			318E	-.3114		
120B	-.7720			223B	-.4497			320E	-.2849		
121B	-.5798			224B	-.4908			321E	-.2600		
122B	-.5267			225B	-.5592			322E	-.2993		
123B	-.5242			226B	-.7646			323E	-.2865		
124B	-.5524			227B	-.7475			325E	-.3505		
125B	-.5815			228B	-.8579			326E	-.3642		
126B	-.7047			229B	-1.1608			327E	-.3240		
127B	-.7321			255C	.4780			328E	-.2532		
128B	-.8664			254C	.5720			329E	-.1593		
129B	-1.2104			253C	.5583			330E	-.0577		
157C	.0296			252C	.5506						
156C	.3567			251C	.4558						

TABLE 192.- TABULATED PRESSURE DATA FOR RUN 134 AT ALPHA = -3.94 DEGREES AND QINF = 13.43 KN/SQM (280.40 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	-.3101	155C	.6349	214A	-.3826	244C	-.2517	313A	-.4995		
111A	-.3195	154C	.7152	213A	-.3911	245C	-1.9490	312A	-.4739		
110A	-.6182	153C	.8007	212A	-.3928	246C	-1.8175	311A	-.4636		
109A	-1.5031	152C	.9399	211A	-.3851	247C	-1.4690	310A	-.6651		
108A	-2.1291	144C	-.8288	210A	-.6626	248C	-1.0991	309A	-.5908		
101A	-1.2272	145C	-2.2139	208A	-2.8004	249C	-.7993	301A	-.6481		
102A	.0550	147C	-2.0020	201A	-1.7893	250C	-.6182	302A	-.1372		
103A	.6820	148C	-1.6005	202A	.2719	264D	.1761	303A	.6239		
104A	.7341	149C	-1.1350	203A	.7572	263D	.5477	304A	.7059		
105A	.5863	150C	-.8087	204A	.7375	262D	.6212	305A	.6222		
106A	.3992	151C	-.7002	205A	.5684	261D	.6930	345E	.1823		
107A	.1438	165D	.6323	206A	.3497	256D	.4548	344E	.1687		
142B	.5700	164D	.7562	242B	.4298	257D	-.6190	343E	.1678		
141B	.5298	163D	.9169	241B	.4503	258D	-.7565	342E	.1260		
140B	.3136	159D	-1.2324	240B	.2871	259D	-.3499	341E	.0961		
139B	.3102	160D	-.9940	238B	.2393	260D	-.0834	340E	.0535		
138B	.3153			237B	.0987			339E	-.0020		
137B	.1761			236B	.1192			338E	-.0592		
136B	.0009			235B	.1541			337E	-.1326		
135B	.0983			234B	.2745			336E	-.2315		
133B	-.4622			233B	-.0558			335E	-.4363		
132B	-.3657			232B	-.6428			334E	-.5515		
131B	-.3230			231B	-.5601			333E	-.6172		
130B	-.3392			230B	-.5652			332E	-.6061		
115B	-.3307			218B	-.4413			331E	-.5950		
116B	-.3465			219B	-.7343			315E	-.5994		
117B	.1156			221B	-.6660			317E	-.3764		
118B	-.6096			222B	-.5959			318E	-.4302		
120B	-.9838			223B	-.5806			320E	-.4277		
121B	-.7309			224B	-.6071			321E	-.3783		
122B	-.6387			225B	-.6472			322E	-.3851		
123B	-.6096			226B	-.8223			323E	-.3672		
124B	-.6318			227B	-.8198			325E	-.4082		
125B	-.6395			228B	-.9137			326E	-.3860		
126B	-.7634			229B	-1.1628			327E	-.3177		
127B	-.7856			255C	.4956			328E	-.2017		
128B	-.9120			254C	.5990			329E	-.1010		
129B	-1.2366			253C	.6033			330E	-.0131		
157C	.0368			252C	.6246						
156C	.3606			251C	.6332						

TABLE 193 .- TABULATED PRESSURE DATA FOR RUN 134 AT ALPHA = 4.74 DEGREES AND QINF = 13.31 KN/SQM (277.90 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	-.3461	155C	.6718	214A	-.5598	244C	-.1370	313A	-.6298		
111A	-.0953	154C	.7531	213A	-.5874	245C	-2.2344	312A	-.6410		
110A	-.4300	153C	.8474	212A	-.6038	246C	-2.0636	311A	-.6220		
109A	-.4516	152C	.9970	211A	-.5917	247C	-1.5507	310A	-.5978		
108A	-.2008	144C	-.6116	210A	-.5018	248C	-1.1219	309A	-.6246		
101A	.4426	145C	-2.1216	208A	-.0927	249C	-.8005	301A	-.1533		
102A	.7038	147C	-1.8738	201A	.5403	250C	-.6126	302A	.7462		
103A	.4443	148C	-1.4468	202A	.6346	264D	.2039	303A	.4391		
104A	.0724	149C	-1.0076	203A	.2325	263D	.6389	304A	.0673		
105A	-.1628	150C	-.6923	204A	-.0192	262D	.7245	305A	-.0711		
106A	-.3461	151C	-.5883	205A	-.2337	261D	.8188	345E	.2614		
107A	-.4551	165D	.6640	206A	-.5070	256D	.5170	344E	.3133		
142B	.6675	164D	.7937	242B	.6727	257D	-.6360	343E	.3150		
141B	.6259	163D	.9563	241B	.5343	258D	-.8248	342E	.2942		
140B	.3380	159D	-1.1289	240B	.4305	259D	-.3795	341E	.2363		
139B	.3544	160D	-.8863	238B	.3924	260D	-.1101	340E	.1853		
138B	.3743			237B	.2579			339E	.1361		
137B	.2748			236B	.3305			338E	.0540		
136B	.1425			235B	.3798			337E	.1015		
135B	.2454			234B	.4585			336E	.2035		
133B	.6303			233B	.6106			335E	.3305		
132B	.4677			232B	.7852			334E	.4844		
131B	-.4318			231B	.4602			333E	.7437		
130B	-1.5673			230B	-1.7923			332E	.6071		
115B	-1.1029			218B	-1.7722			331E	-.6194		
116B	-.9610			219B	-2.3199			315E	-1.8734		
117B	-1.9063			221B	-1.5369			317E	-2.1294		
118B	-2.4570			222B	-1.2718			318E	-1.9348		
120B	-2.1381			223B	-1.1540			320E	-1.2905		
121B	-1.5317			224B	-1.0968			321E	-1.0196		
122B	-1.1947			225B	-1.0604			322E	-.9046		
123B	-1.0344			226B	-1.1834			323E	-.7853		
124B	-.9738			227B	-1.0951			325E	-.6401		
125B	-.8759			228B	-1.1245			326E	-.5451		
126B	-.9288			229B	-1.3220			327E	-.4111		
127B	-.8958			255C	.5792			328E	-.2425		
128B	-.9833			254C	.7038			329E	-.1734		
129B	-1.1748			253C	.7341			330E	-.1500		
157C	.0794			252C	.8032						
156C	.4019			251C	.8828						

TABLE 194.- TABULATED PRESSURE DATA FOR RUN 134 AT ALPHA = 8.85 DEGREES AND QINF = 13.25 KN/SQM (276.80 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	-.2767	155C	.6817	214A	-.2160	244C	-.1004	313A	-.3847		
111A	-.0216	154C	.7626	213A	-.4648	245C	-2.2660	312A	-.4465		
110A	-.1563	153C	.8514	212A	-.5187	246C	-2.0897	311A	-.4100		
109A	.0527	152C	.9959	211A	-.4543	247C	-1.5385	310A	-.1642		
108A	.3880	144C	-.5596	210A	-.0675	248C	-1.1007	309A	-.0248		
101A	.6937	145C	-2.0296	208A	.6293	249C	-.7702	301A	.6258		
102A	.4072	147C	-1.7679	201A	.7216	250C	-.5757	302A	.4943		
103A	-.1346	148C	-1.3388	202A	-.1145	264D	.2325	303A	-.3715		
104A	-.5622	149C	-.9158	203A	-.6641	263D	.6512	304A	-.6702		
105A	-.7303	150C	-.6080	204A	-.7956	262D	.7304	305A	-.7312		
106A	-.8653	151C	-.4981	205A	-.8862	261D	.8245	345E	.2538		
107A	-.8766	165D	.6782	206A	-1.1100	256D	.5189	344E	.3095		
142B	.6713	164D	.7923	242B	.6617	257D	-.5966	343E	.3156		
141B	.6565	163D	.9594	241B	.6060	258D	-.7711	342E	.3017		
140B	.3657	159D	-1.0222	240B	.4650	259D	-.3550	341E	.2486		
139B	.3779	160D	-.7815	238B	.4458	260D	-.0943	340E	.2112		
138B	.4110			237B	.3330			339E	.1773		
137B	.3161			236B	.4183			338E	.1233		
136B	.2195			235B	.4739			337E	.1877		
135B	.3309			234B	.5583			336E	.3008		
133B	.6512			233B	.6827			335E	.4183		
132B	.6879			232B	.7837			334E	.5670		
131B	.0445			231B	.4792			333E	.7367		
130B	-1.6773			230B	-1.6663			332E	.6114		
115B	-1.5624			218B	-2.4289			331E	-.3404		
116B	-1.4314			219B	-3.0927			315E	-2.4289		
117B	-2.8553			221B	-1.9694			317E	-3.0150		
118B	-3.4216			222B	-1.5830			318E	-2.6266		
120B	-2.6957			223B	-1.3981			320E	-1.6640		
121B	-1.9014			224B	-1.2952			321E	-1.2930		
122B	-1.4191			225B	-1.2176			322E	-1.1156		
123B	-1.1949			226B	-1.3170			323E	-.9546		
124B	-1.0815			227B	-1.1975			325E	-.7249		
125B	-.9507			228B	-1.1845			326E	-.5962		
126B	-.9612			229B	-1.3458			327E	-.4282		
127B	-.9106			255C	.5938			328E	-.2690		
128B	-.9743			254C	.7122			329E	-.2377		
129B	-1.1225			253C	.7470			330E	-.2116		
157C	.1124			252C	.8097						
156C	.4240			251C	.8810						

TABLE 195 .- TABULATED PRESSURE DATA FOR RUN 134 AT ALPHA = 13.07 DEGREES AND QINF = 13.17 KN/SQM (275.10 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	-.1915	155C	.6849	214A	.3018	244C	-.0821	313A	-.0592		
111A	.3196	154C	.7604	213A	-.2270	245C	-2.1656	312A	-.2165		
110A	.1863	153C	.8518	212A	-.3148	246C	-1.9551	311A	-.1330		
109A	.4587	152C	.9852	211A	-.1497	247C	-1.3915	310A	.2381		
108A	.6987	144C	-.5419	210A	.3629	248C	-.9556	309A	.4280		
101A	.4974	145C	-1.9225	208A	.7198	249C	-.6413	301A	.6574		
102A	-.4412	147C	-1.6311	201A	.0966	250C	-.4608	302A	-.8455		
103A	-1.1382	148C	-1.2119	202A	-1.7912	264D	.2142	303A	-1.8985		
104A	-1.5241	149C	-.8174	203A	-2.1648	263D	.6489	304A	-1.7886		
105A	-1.5126	150C	-.5224	204A	-1.9530	262D	.7262	305A	-1.6225		
106A	-1.5539	151C	-.4123	205A	-1.8000	261D	.8157	345E	.2140		
107A	-1.4177	165D	.6910	206A	-1.9573	256D	.5325	344E	.2834		
142B	.6559	164D	.8008	242B	.6533	257D	-.4872	343E	.3027		
141B	.5953	163D	.9563	241B	.6814	258D	-.6571	342E	.2948		
140B	.4109	159D	-.9372	240B	.5075	259D	-.3163	341E	.2544		
139B	.4276	160D	-.6880	238B	.5075	260D	-.1244	340E	.2307		
138B	.4425			237B	.4116			339E	.2131		
137B	.3617			236B	.5030			338E	.1780		
136B	.3038			235B	.5618			337E	.2676		
135B	.4258			234B	.6435			336E	.3870		
133B	.6972			233B	.7463			335E	.5153		
132B	.6946			232B	.7753			334E	.6286		
131B	.2458			231B	.4643			333E	.7287		
130B	-1.3490			230B	-1.4779			332E	.5812		
115B	-1.6923			218B	-3.1720			331E	-.2533		
116B	-1.9855			219B	-3.9307			315E	-3.0091		
117B	-3.9063			221B	-2.4140			317E	-3.9899		
118B	-4.5186			222B	-1.9120			318E	-3.3749		
120B	-3.3105			223B	-1.6399			320E	-2.0751		
121B	-2.2952			224B	-1.4840			321E	-1.5420		
122B	-1.6434			225B	-1.3440			322E	-1.3013		
123B	-1.3414			226B	-1.4136			323E	-1.0773		
124B	-1.1855			227B	-1.2313			325E	-.7286		
125B	-.9988			228B	-1.1881			326E	-.5669		
126B	-.9724			229B	-1.2735			327E	-.4650		
127B	-.8940			255C	.6067			328E	-.4106		
128B	-.9345			254C	.7200			329E	-.3860		
129B	-1.0375			253C	.7490			330E	-.3710		
157C	.1316			252C	.8113						
156C	.4390			251C	.8693						

TABLE 196.- TABULATED PRESSURE DATA FOR RUN 134 AT ALPHA = 14.15 DEGREES AND QINF = 13.17 KN/SQM (275.00 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	-.1447	155C	.6908	214A	.3921	244C	-.0721	313A	.0143		
111A	.4141	154C	.7611	213A	-.1588	245C	-2.0809	312A	-.1438		
110A	.2779	153C	.8490	212A	-.2589	246C	-1.8581	311A	-.0683		
109A	.5441	152C	.9860	211A	-.1017	247C	-1.2965	310A	.2911		
108A	.7137	144C	-.5286	210A	.4413	248C	-.8802	309A	.4782		
101A	.3789	145C	-1.8573	208A	.6451	249C	-.5800	301A	.6249		
102A	-.7202	147C	-1.5589	201A	-.1878	250C	-.4119	302A	-1.0277		
103A	-1.4046	148C	-1.1566	202A	-2.2711	264D	.1997	303A	-1.9616		
104A	-1.7806	149C	-.7649	203A	-2.5950	263D	.6460	304A	-1.8263		
105A	-1.7094	150C	-.4929	204A	-2.2641	262D	.7268	305A	-1.5926		
106A	-1.7226	151C	-.3907	205A	-1.9976	261D	.8129	345E	.1461		
107A	-1.5276	165D	.6864	206A	-2.2032	256D	.5459	344E	.2331		
142B	.6469	164D	.8007	242B	.6539	257D	-.4489	343E	.2419		
141B	.6012	163D	.9570	241B	.6987	258D	-.6346	342E	.2559		
140B	.4255	159D	-.8969	240B	.5160	259D	-.3177	341E	.2269		
139B	.4343	160D	-.6592	238B	.5204	260D	-.1575	340E	.1786		
138B	.4536			237B	.4246			339E	.1663		
137B	.3877			236B	.5177			338E	.1408		
136B	.3288			235B	.5845			337E	.2577		
135B	.4466			234B	.6662			336E	.3877		
133B	.7066			233B	.7620			335E	.5195		
132B	.6943			232B	.7681			334E	.6407		
131B	.2700			231B	.4641			333E	.7321		
130B	-1.2789			230B	-1.4222			332E	.5951		
115B	-1.7033			218B	-3.3351			331E	-.2018		
116B	-2.0855			219B	-4.1117			315E	-3.0556		
117B	-4.1257			221B	-2.5054			317E	-3.7896		
118B	-4.7334			222B	-1.9699			318E	-3.2794		
120B	-3.4204			223B	-1.6724			320E	-1.7349		
121B	-2.3656			224B	-1.5131			321E	-1.2851		
122B	-1.6812			225B	-1.3617			322E	-1.0778		
123B	-1.3670			226B	-1.4224			323E	-.9301		
124B	-1.1918			227B	-1.2217			325E	-.8133		
125B	-.9981			228B	-1.1566			326E	-.7817		
126B	-.9576			229B	-1.2191			327E	-.6850		
127B	-.8802			255C	.6100			328E	-.7369		
128B	-.9048			254C	.7181			329E	-.6683		
129B	-.9911			253C	.7497			330E	-.6288		
157C	.1444			252C	.8138						
156C	.4483			251C	.8674						

TABLE 197 .- TABULATED PRESSURE DATA FOR RUN 134 AT ALPHA = 14.92 DEGREES AND QINF = 13.35 KN/SQM (278.80 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	-.1188	155C	.6900	214A	.4494	244C	-.0630	313A	.0829		
111A	.4595	154C	.7620	213A	-.1103	245C	-2.0275	312A	-.1043		
110A	.3183	153C	.8495	212A	-.2308	246C	-1.8150	311A	-.0384		
109A	.5983	152C	.9882	211A	-.0809	247C	-1.2678	310A	.3417		
108A	.7144	144C	-.5279	210A	.4821	248C	-.8358	309A	.5194		
101A	.2889	145C	-1.8194	208A	.5697	249C	-.5461	301A	.5939		
102A	-.8984	147C	-1.5306	201A	-.4027	250C	-.3995	302A	-1.3941		
103A	-1.6143	148C	-1.1238	202A	-2.6661	264D	.1907	303A	-2.2658		
104A	-1.9540	149C	-.7439	203A	-2.9048	263D	.6415	304A	-2.0086		
105A	-1.8569	150C	-.4698	204A	-2.4780	262D	.7221	305A	-1.6940		
106A	-1.8439	151C	-.3744	205A	-2.1568	261D	.8114	345E	.1400		
107A	-1.6264	165D	.6840	206A	-2.3328	256D	.5459	344E	.2007		
142B	.6415	164D	.7958	242B	.6528	257D	-.4351	343E	.2353		
141B	.5999	163D	.9553	241B	.7022	258D	-.6363	342E	.2388		
140B	.4317	159D	-.8948	240B	.5184	259D	-.3354	341E	.1894		
139B	.4404	160D	-.6485	238B	.5262	260D	-.1593	340E	.1782		
138B	.4560			237B	.4312			339E	.1678		
137B	.3884			236B	.5282			338E	.1539		
136B	.3424			235B	.5906			337E	.2596		
135B	.4612			234B	.6763			336E	.3887		
133B	.7126			233B	.7595			335E	.5230		
132B	.6918			232B	.7647			334E	.6374		
131B	.2748			231B	.4597			333E	.7275		
130B	-1.2379			230B	-1.4004			332E	.5836		
115B	-1.7216			218B	-3.4262			331E	-.1805		
116B	-2.1902			219B	-4.2095			315E	-2.9839		
117B	-4.3014			221B	-2.5621			317E	-3.8101		
118B	-4.9120			222B	-2.0102			318E	-3.1281		
120B	-3.5000			223B	-1.7032			320E	-1.8136		
121B	-2.4218			224B	-1.5280			321E	-1.4108		
122B	-1.7248			225B	-1.3649			322E	-1.1734		
123B	-1.3840			226B	-1.4143			323E	-.9343		
124B	-1.2070			227B	-1.2070			325E	-.8199		
125B	-.9963			228B	-1.1402			326E	-.8832		
126B	-.9486			229B	-1.1706			327E	-.8338		
127B	-.8627			255C	.6103			328E	-.7896		
128B	-.8879			254C	.7178			329E	-.7480		
129B	-.9737			253C	.7490			330E	-.6016		
157C	.1560			252C	.8149						
156C	.4447			251C	.8669						

TABLE 198 .- TABULATED PRESSURE DATA FOR RUN 134 AT ALPHA = 16.12 DEGREES AND QINF = 13.42 KN/SQM (280.30 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	-.0842	155C	.6951	214A	.4864	244C	-.0527	313A	.1894		
111A	.5114	154C	.7586	213A	-.0004	245C	-1.9143	312A	-.0141		
110A	.4012	153C	.8401	212A	-.1600	246C	-1.7080	311A	.0177		
109A	.6442	152C	.9602	211A	-.0501	247C	-1.1705	310A	.4201		
108A	.6897	144C	-.4875	210A	.5506	248C	-.7845	309A	.5798		
101A	.0998	145C	-1.7578	208A	.4055	249C	-.5128	301A	.4467		
102A	-1.2680	147C	-1.4457	201A	-.8172	250C	-.3795	302A	-1.7111		
103A	-1.9790	148C	-1.0553	202A	-3.2985	264D	.1913	303A	-2.7734		
104A	-2.2722	149C	-.6822	203A	-3.4023	263D	.6436	304A	-2.3062		
105A	-2.1052	150C	-.4276	204A	-2.8168	262D	.7285	305A	-1.9970		
106A	-2.0503	151C	-.3279	205A	-2.4203	261D	.8186	345E	.1207		
107A	-1.7910	165D	.6865	206A	-2.5343	256D	.5457	344E	.2014		
142B	.6281	164D	.7929	242B	.6625	257D	-.4328	343E	.2426		
141B	.5612	163D	.9379	241B	.7122	258D	-.6400	342E	.2194		
140B	.4307	159D	-.8515	240B	.5217	259D	-.3331	341E	.2082		
139B	.4531	160D	-.6074	238B	.5372	260D	-.1688	340E	.1979		
138B	.4676			237B	.4383			339E	.1859		
137B	.4093			236B	.5413			338E	.1773		
136B	.3647			235B	.6048			337E	.2804		
135B	.4822			234B	.6873			336E	.4134		
133B	.7251			233B	.7679			335E	.5413		
132B	.6891			232B	.7525			334E	.6521		
131B	.2917			231B	.4546			333E	.7319		
130B	-1.1681			230B	-1.3490			332E	.5748		
115B	-1.7388			218B	-3.6006			331E	-.1557		
116B	-2.3130			219B	-4.3835			315E	-3.2678		
117B	-4.5749			221B	-2.6224			317E	-4.1043		
118B	-5.1808			222B	-2.0493			318E	-3.2108		
120B	-3.6389			223B	-1.7200			320E	-1.7180		
121B	-2.5123			224B	-1.5196			321E	-1.3447		
122B	-1.7398			225B	-1.3511			322E	-.9652		
123B	-1.4001			226B	-1.3890			323E	-.9841		
124B	-1.2032			227B	-1.1723			325E	-.8270		
125B	-.9848			228B	-1.0897			326E	-.9335		
126B	-.9289			229B	-1.1026			327E	-.9146		
127B	-.8438			255C	.6153			328E	-.8442		
128B	-.8627			254C	.7242			329E	-.7549		
129B	-.9160			253C	.7543			330E	-.6759		
157C	.1681			252C	.8118						
156C	.4496			251C	.8710						

TABLE 199 .- TABULATED PRESSURE DATA FOR RUN 134 AT ALPHA = 17.06 DEGREES AND QINF = 13.43 KN/SQM (280.50 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	-.0612	155C	.6853	214A	.5239	244C	-.0524	313A	.2920		
111A	.5427	154C	.7497	213A	.0997	245C	-1.8305	312A	.0378		
110A	.4516	153C	.8279	212A	-.1013	246C	-1.6223	311A	.0533		
109A	.6767	152C	.9628	211A	-.0206	247C	-1.0872	310A	.4645		
108A	.6612	144C	-.4607	210A	.5934	248C	-.7122	309A	.6303		
101A	-.0672	145C	-1.6610	208A	.2489	249C	-.4730	301A	.2446		
102A	-1.5500	147C	-1.3453	201A	-1.1273	250C	-.3707	302A	-2.1996		
103A	-2.2447	148C	-.9883	202A	-3.8316	264D	.1930	303A	-3.3029		
104A	-2.5129	149C	-.6373	203A	-3.8052	263D	.6518	304A	-2.4499		
105A	-2.2677	150C	-.3990	204A	-3.0084	262D	.7368	305A	-2.2677		
106A	-2.1587	151C	-.3156	205A	-2.6023	261D	.8176	345E	.1134		
107A	-1.9073	165D	.6810	206A	-2.7215	256D	.5515	344E	.2147		
142B	.6148	164D	.7815	242B	.6698	257D	-.4180	343E	.2508		
141B	.5564	163D	.9250	241B	.7231	258D	-.6382	342E	.2225		
140B	.4465	159D	-.8378	240B	.5289	259D	-.3371	341E	.2113		
139B	.4593	160D	-.6089	238B	.5444	260D	-.1814	340E	.1993		
138B	.4748			237B	.4561			339E	.1941		
137B	.4121			236B	.5583			338E	.1752		
136B	.3760			235B	.6184			337E	.2938		
135B	.4997			234B	.6974			336E	.4397		
133B	.7317			233B	.7721			335E	.5600		
132B	.6870			232B	.7532			334E	.6656		
131B	.2961			231B	.4552			333E	.7266		
130B	-1.1256			230B	-1.3285			332E	.5806		
115B	-1.7475			218B	-3.7380			331E	-.1717		
116B	-2.3843			219B	-4.5135			315E	-3.2459		
117B	-4.7434			221B	-2.6838			317E	-4.4854		
118B	-5.3385			222B	-2.0610			318E	-3.3148		
120B	-3.7124			223B	-1.7427			320E	-2.0808		
121B	-2.5369			224B	-1.5328			321E	-1.4951		
122B	-1.7599			225B	-1.3487			322E	-1.0486		
123B	-1.4003			226B	-1.3694			323E	-.9515		
124B	-1.1956			227B	-1.1345			325E	-.8897		
125B	-.9737			228B	-1.0425			326E	-.9069		
126B	-.8962			229B	-1.0244			327E	-.9249		
127B	-.8102			255C	.6217			328E	-.7506		
128B	-.8042			254C	.7300			329E	-.8167		
129B	-.8550			253C	.7574			330E	-.7394		
157C	.1810			252C	.8184						
156C	.4508			251C	.8768						

TABLE 200.- TABULATED PRESSURE DATA FOR RUN 134 AT ALPHA = 18.22 DEGREES AND QINF = 13.50 KN/SQM (282.00 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	-.0462	155C	.6816	214A	.5310	244C	-.0385	313A	.3605		
111A	.5468	154C	.7413	213A	.1977	245C	-1.7246	312A	.1269		
110A	.5070	153C	.8164	212A	-.0342	246C	-1.5135	311A	.1252		
109A	.7048	152C	.9521	211A	.0170	247C	-.9820	310A	.5198		
108A	.6042	144C	-.4096	210A	.6417	248C	-.6658	309A	.6520		
101A	-.2818	145C	-1.5785	208A	.0337	249C	-.4487	301A	.0329		
102A	-1.9378	147C	-1.2443	201A	-1.5856	250C	-.3803	302A	-3.0750		
103A	-2.6086	148C	-.9025	202A	-4.4762	264D	.1697	303A	-3.6446		
104A	-2.8055	149C	-.5803	203A	-4.3452	263D	.6458	304A	-2.9305		
105A	-2.4919	150C	-.3735	204A	-3.2643	262D	.7311	305A	-2.2046		
106A	-2.3517	151C	-.3017	205A	-2.8536	261D	.8164	345E	.0877		
107A	-2.0520	165D	.6757	206A	-2.9094	256D	.5503	344E	.2096		
142B	.6262	164D	.7763	242B	.6799	257D	-.4273	343E	.2429		
141B	.5630	163D	.9145	241B	.7286	258D	-.6547	342E	.2514		
140B	.4470	159D	-.8350	240B	.5366	259D	-.3658	341E	.2002		
139B	.4589	160D	-.6085	238B	.5605	260D	-.1974	340E	.2233		
138B	.4820			237B	.4611			339E	.2011		
137B	.4171			236B	.5677			338E	.2071		
136B	.3839			235B	.6367			337E	.3204		
135B	.5178			234B	.7066			336E	.4568		
133B	.7371			233B	.7774			335E	.5634		
132B	.6825			232B	.7467			334E	.6759		
131B	.3113			231B	.4517			333E	.7168		
130B	-1.0649			230B	-1.3001			332E	.5711		
115B	-1.7781			218B	-3.8677			331E	-.1697		
116B	-2.5156			219B	-4.6621			315E	-3.3658		
117B	-4.9757			221B	-2.7485			317E	-4.3596		
118B	-5.5545			222B	-2.1049			318E	-3.7968		
120B	-3.7993			223B	-1.7562			320E	-1.6683		
121B	-2.5933			224B	-1.5272			321E	-1.2601		
122B	-1.7819			225B	-1.3400			322E	-1.1893		
123B	-1.3982			226B	-1.3469			323E	-.9285		
124B	-1.1948			227B	-1.0956			325E	-.8995		
125B	-.9427			228B	-.9777			326E	-.8432		
126B	-.8589			229B	-.9495			327E	-.8773		
127B	-.7623			255C	.6168			328E	-.8492		
128B	-.7615			254C	.7243			329E	-.8355		
129B	-.7957			253C	.7542			330E	-.7307		
157C	.1765			252C	.8190						
156C	.4419			251C	.8745						

TABLE 20/.- TABULATED PRESSURE DATA FOR RUN 134 AT ALPHA = 19.24 DEGREES AND QINF = 13.49 KN/SQM (281.70 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	-.0214	155C	.6856	214A	.5471	244C	-.0339	313A	.4021		
111A	.5524	154C	.7445	213A	.2213	245C	-1.7808	312A	.1719		
110A	.5525	153C	.8120	212A	.0073	246C	-1.6722	311A	.1761		
109A	.7318	152C	.9469	211A	.0448	247C	-1.2609	310A	.5730		
108A	.5636	144C	-.4005	210A	.6601	248C	-.9480	309A	.6763		
101A	-.4249	145C	-1.5337	208A	.0173	249C	-.8291	301A	-.1645		
102A	-2.1894	147C	-1.2105	201A	-1.6243	250C	-.7710	302A	-3.1903		
103A	-2.8561	148C	-.8488	202A	-4.6234	264D	.0691	303A	-4.3442		
104A	-3.0354	149C	-.5410	203A	-4.1708	263D	.5934	304A	-3.1302		
105A	-2.6234	150C	-.3495	204A	-3.1818	262D	.6805	305A	-2.6006		
106A	-2.4695	151C	-.2947	205A	-2.8121	261D	.7830	345E	.1062		
107A	-2.1438	165D	.6728	206A	-2.8062	256D	.4740	344E	.2060		
142B	.6156	164D	.7650	242B	.6677	257D	-.6248	343E	.2392		
141B	.5567	163D	.9179	241B	.7240	258D	-1.1925	342E	.2409		
140B	.4636	159D	-.8283	240B	.5097	259D	-.4050	341E	.2299		
139B	.4628	160D	-.6231	238B	.5370	260D	-.4734	340E	.2205		
138B	.4841			237B	.4319			339E	.2188		
137B	.4269			236B	.5769			338E	.2196		
136B	.4004			235B	.6298			337E	.3390		
135B	.5311			234B	.7082			336E	.4499		
133B	.7471			233B	.7816			335E	.5897		
132B	.6856			232B	.7526			334E	.6775		
131B	.3210			231B	.4592			333E	.7168		
130B	-1.0111			230B	-1.2547			332E	.5590		
115B	-1.7710			218B	-3.7503			331E	-.1019		
116B	-2.5828			219B	-4.4457			315E	-3.5278		
117B	-5.0836			221B	-2.5248			317E	-4.2554		
118B	-5.6707			222B	-1.9484			318E	-3.9051		
120B	-3.8501			223B	-1.5380			320E	-2.1581		
121B	-2.6309			224B	-1.3097			321E	-1.6018		
122B	-1.7757			225B	-1.1891			322E	-1.2240		
123B	-1.3892			226B	-1.1105			323E	-1.0373		
124B	-1.1660			227B	-.9591			325E	-.9836		
125B	-.9189			228B	-.9728			326E	-.8812		
126B	-.8317			229B	-1.0335			327E	-.8906		
127B	-.7351			255C	.5678			328E	-.8752		
128B	-.7393			254C	.6933			329E	-.8787		
129B	-.7556			253C	.7300			330E	-.7925		
157C	.1946			252C	.7958						
156C	.4525			251C	.8632						

RUN NUMBER 134

LONGITUDINAL STABILITY-AXIS DATA

TEST NUMBER 496

MACH	Q,PSF	R	ALPHA,DEG	UNCORRECTED CL	UNCORRECTED CD	UNCORRECTED CM	UNCORRECTED L/D	CORRECTED FOR STRUT INTERFERENCE CL	CORRECTED FOR STRUT INTERFERENCE CD	CORRECTED FOR STRUT INTERFERENCE CM	CORRECTED FOR STRUT INTERFERENCE L/D	ISUBT
.201	279.70	4.15	-5.62	.4290	.1397	-.3687	3.07	.0931	.1426	-.3244	.65	OFF
.201	280.40	4.15	-3.94	.7290	.1251	-.4252	5.83	.4242	.1273	-.3916	3.33	OFF
.201	278.20	4.13	-1.54	1.0600	.1261	-.4503	8.41	.8164	.1274	-.4380	6.41	OFF
.200	277.50	4.12	.95	1.3230	.1404	-.4259	9.42	1.1674	.1419	-.4533	8.22	OFF
.201	277.90	4.12	4.74	1.6890	.1733	-.3721	9.75	1.5982	.1795	-.4206	8.91	OFF
.200	277.00	4.11	6.59	1.8790	.1903	-.3379	9.87	1.7945	.1971	-.3878	9.11	OFF
.200	276.80	4.11	8.85	2.0620	.2208	-.2972	9.34	1.9883	.2287	-.3473	8.69	OFF
.200	275.00	4.09	10.88	2.2640	.2450	-.2492	9.24	2.2076	.2540	-.2976	8.69	OFF
.200	275.10	4.09	13.07	2.4410	.2708	-.1847	9.01	2.4191	.2784	-.2154	8.69	OFF
.200	275.00	4.09	14.15	2.5040	.3021	-.1442	8.29	2.4965	.3073	-.1527	8.12	OFF
.201	278.80	4.12	14.92	2.5480	.3199	-.1195	7.96	2.5457	.3236	-.1208	7.87	OFF
.202	280.30	4.13	16.12	2.5820	.4067	-.0631	6.35	2.5821	.4084	-.0672	6.32	OFF
.202	280.50	4.13	17.06	2.6000	.4295	-.0284	6.05	2.6000	.4302	-.0430	6.04	OFF
.202	282.00	4.14	18.22	2.6470	.4798	.0076	5.52	2.6470	.4797	-.0145	5.52	OFF
.202	281.70	4.14	19.24	2.5830	.4790	.0629	5.39	2.5830	.4790	.0374	5.39	OFF
.202	281.80	4.14	19.68	2.4630	.5000	-.0035	4.93	2.4630	.5000	-.0294	4.93	OFF
.202	281.40	4.14	20.89	2.2730	.4706	-.0556	4.83	2.2730	.4706	-.0816	4.83	OFF
.202	280.60	4.14	23.09	2.3640	.5681	-.0099	4.16	2.3640	.5681	-.0338	4.16	OFF
.201	278.70	4.11	.74	1.3120	.1369	-.4255	9.58	1.1496	.1382	-.4502	8.32	OFF

LANDING WING CONFIGURATION, ASPECT RATIO 12, INBOARD SLATS -50, OUTBOARD SLATS -50, FLAPS 45

Table 202 . Tabulated longitidinal data for run 134.

TABLE 203.- TABULATED PRESSURE DATA FOR RUN 195 AT ALPHA = -5.28 DEGREES AND QINF = 12.93 KN/SQM (270.10 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	-.4021	155C	.6100	214A	-.4438	244C	-.2935	313A	-.5990		
111A	-.3977	154C	.6549	213A	-.4438	245C	-1.8127	312A	-.5267		
110A	-.7698	153C	.7078	212A	-.4579	246C	-1.6542	311A	-.4729		
109A	-.9907	152C	.7360	211A	-.4544	247C	-1.3829	310A	-.9273		
108A	-.8358	145C	-2.0928	210A	-.6562	248C	-1.0315	309A	-.8252		
101A	.0910	147C	-1.8506	208A	-2.5125	249C	-.7162	301A	-.9159		
102A	.7133	151C	-.6607	201A	-.9907	250C	-.5947	302A	-.4467		
103A	.6772	165D	.6109	202A	.2310	264D	.2013	303A	.5479		
104A	.4352	164D	.7131	203A	.7661	263D	.5501	304A	.7256		
105A	.2460	163D	.8329	204A	.7705	262D	.5677	305A	.6596		
106A	.1122	159D	-.9241	205A	.6271	261D	.6373	345E	.0472		
107A	-.0155	160D	-.8466	206A	.4246	256D	.4067	344E	.0226		
142B	.3924			242B	.1617	257D	-.4917	343E	.0349		
141B	.3528			241B	.3237	258D	-.6493	342E	.0190		
140B	.2392			240B	.1484	259D	-.3173	341E	-.0145		
139B	.2392			238B	-.0039	260D	-.0645	340E	-.0489		
138B	.2224			237B	-.1273			339E	-.0771		
137B	.0894			236B	-.1723			338E	-.1203		
136B	-.0762			235B	-.2595			337E	-.1511		
135B	-.0868			234B	-.4085			336E	-.1608		
133B	-.3933			233B	-.5205			335E	-.3292		
132B	-.3810			232B	-.4940			334E	-.5355		
131B	-.3695			231B	-.5073			333E	-.8017		
130B	-.4259			230B	-.4685			332E	-.8626		
115B	-.5589			218B	-.2478			331E	-.7118		
116B	-.5075			219B	-.5559			315E	-.6281		
117B	.6491			221B	-.4996			317E	.0479		
118B	-.2689			222B	-.4767			318E	-.3746		
120B	-.7715			223B	-.4785			319E	-.4309		
121B	-.5736			224B	-.5163			320E	-.3438		
122B	-.5251			225B	-.5736			321E	-.3010		
123B	-.5216			226B	-.7893			322E	-.3266		
124B	-.5489			227B	-.7462			323E	-.3080		
125B	-.5718			228B	-.8616			325E	-.3653		
126B	-.6863			229B	-1.1355			326E	-.3662		
127B	-.7145			255C	.4752			327E	-.3151		
128B	-.8475			254C	.5457			328E	-.2384		
129B	-1.1628			253C	.4858			329E	-.1467		
157C	.2083			252C	.4858			330E	-.0594		
156C	.4330			251C	.3458						

TABLE 204 .- TABULATED PRESSURE DATA FOR RUN 195 AT ALPHA = .31 DEGREES AND QINF = 12.99 KN/SQM (271.30 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	-.1472	155C	.6577	214A	-.4649	244C	-.1998	313A	-.5901		
111A	-.1059	154C	.7326	213A	-.4975	245C	-2.1449	312A	-.5883		
110A	-.1890	153C	.8224	212A	-.5169	246C	-1.9749	311A	-.5795		
109A	-.0667	152C	.9474	211A	-.4808	247C	-1.5224	310A	-.7815		
108A	.3189	145C	-2.1589	210A	-.7023	248C	-1.1138	309A	-1.1539		
101A	.6983	147C	-1.9573	208A	-1.2912	249C	-.8206	301A	-1.5940		
102A	.4668	151C	-.6559	201A	-.3563	250C	-.6401	302A	.2238		
103A	-.0068	165D	.6339	202A	.7291	264D	.1760	303A	.6948		
104A	-.3448	164D	.7484	203A	.6622	263D	.6242	304A	.5232		
105A	-.4038	163D	.8999	204A	.4448	262D	.6938	305A	.3744		
106A	-.4144	159D	-.9667	205A	.2168	261D	.7960	345E	.2501		
107A	-.2832	160D	-.9033	206A	-.0473	256D	.6736	344E	.2924		
142B	.5952			242B	.6727	257D	-.5239	343E	.2941		
141B	.6022			241B	.4692	258D	-.8461	342E	.2747		
140B	.3116			240B	.3829	259D	-.4112	341E	.2042		
139B	.3213			238B	.3327	260D	-.1435	340E	.1399		
138B	.3354			237B	.1751			339E	.0711		
137B	.2112			236B	.2377			338E	-.0268		
136B	.0544			235B	.2730			337E	.0015		
135B	.1267			234B	.3453			336E	.0914		
133B	.4120			233B	.5383			335E	.2139		
132B	-.0601			232B	.7640			334E	.4052		
131B	-.3022			231B	-.1475			333E	.7385		
130B	-.3701			230B	-1.8066			332E	-.0153		
115B	-.2538			218B	-1.1107			331E	-1.2795		
116B	-.2198			219B	-1.5562			315E	-1.1450		
117B	-.4434			221B	-1.1358			317E	-1.2261		
118B	-1.0896			222B	-.9747			318E	-1.1900		
120B	-1.4567			223B	-.9104			319E	-1.3871		
121B	-1.1129			224B	-.8849			320E	-.8722		
122B	-.9263			225B	-.8840			321E	-.7232		
123B	-.8400			226B	-1.0381			322E	-.6544		
124B	-.8206			227B	-.9817			323E	-.5804		
125B	-.7880			228B	-1.0433			325E	-.4940		
126B	-.8655			229B	-1.2538			326E	-.4323		
127B	-.8646			255C	.5802			327E	-.3283		
128B	-.9667			254C	.6903			328E	-.2013		
129B	-1.2177			253C	.7149			329E	-.1422		
157C	.1971			252C	.7916			330E	-.1149		
156C	.4349			251C	.8867						

TABLE 205.- TABULATED PRESSURE DATA FOR RUN 195 AT ALPHA = 4.86 DEGREES AND QINF = 12.87 KN/SQM (268.90 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	-.1436	155C	.6817	214A	-.5650	244C	-.1320	313A	-.6086		
111A	-.0733	154C	.7564	213A	-.5730	245C	-2.2042	312A	-.6131		
110A	.0288	153C	.8507	212A	-.6149	246C	-2.0245	311A	-.5971		
109A	.3276	152C	.9992	211A	-.5908	247C	-1.5229	310A	-.5725		
108A	.6648	145C	-2.1917	210A	-.4694	248C	-1.1103	309A	-.6028		
101A	.5820	147C	-1.9649	208A	-.0540	249C	-.7955	301A	-.1918		
102A	-.2274	151C	-.6238	201A	.5589	250C	-.6176	302A	.7422		
103A	-.8109	165D	.6613	202A	.6176	264D	.2015	303A	.4486		
104A	-1.0849	164D	.7787	203A	.1978	263D	.6346	304A	.0759		
105A	-.9524	163D	.9370	204A	-.0584	262D	.7031	305A	-.0584		
106A	-.8359	159D	-.9466	205A	-.2657	261D	.8027	345E	.2438		
107A	-.4800	160D	-.9040	206A	-.5201	256D	.6613	344E	.2848		
142B	.6408			242B	.6711	257D	-.5038	343E	.2866		
141B	.6364			241B	.5403	258D	-.8035	342E	.2741		
140B	.3207			240B	.4256	259D	-.3810	341E	.2091		
139B	.3304			238B	.3891	260D	-.1125	340E	.1530		
138B	.3616			237B	.2599			339E	.1031		
137B	.2593			236B	.3347			338E	.0194		
136B	.1214			235B	.3837			337E	.0728		
135B	.2139			234B	.4603			336E	.1797		
133B	.4807			233B	.6126			335E	.3044		
132B	.7333			232B	.7819			334E	.4647		
131B	.4763			231B	.4612			333E	.7355		
130B	-.8123			230B	-1.7996			332E	.5877		
115B	-.7652			218B	-1.7885			331E	-.6363		
116B	-.3795			219B	-2.3436			315E	-1.8410		
117B	-1.0431			221B	-1.5549			317E	-2.0652		
118B	-1.8730			222B	-1.2810			318E	-1.8535		
120B	-1.9993			223B	-1.1441			319E	-2.0740		
121B	-1.4562			224B	-1.0872			320E	-1.2406		
122B	-1.1547			225B	-1.0463			321E	-.9739		
123B	-1.0169			226B	-1.1752			322E	-.8518		
124B	-.9546			227B	-1.0792			323E	-.7476		
125B	-.8773			228B	-1.1236			325E	-.5864		
126B	-.9324			229B	-1.3033			326E	-.4991		
127B	-.9102			255C	.5990			327E	-.3744		
128B	-1.0044			254C	.7057			328E	-.2220		
129B	-1.2268			253C	.7280			329E	-.1731		
157C	.2104			252C	.7991			330E	-.1624		
156C	.4594			251C	.8801						

TABLE 206.- TABULATED PRESSURE DATA FOR RUN 195 AT ALPHA = 8.88 DEGREES AND QINF = 12.89 KN/SQM (269.30 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	-.0236	155C	.6950	214A	-.2117	244C	-.1017	313A	-.4227		
111A	.1827	154C	.7653	213A	-.4770	245C	-2.2484	312A	-.4538		
110A	.3296	153C	.8569	212A	-.5144	246C	-2.0536	311A	-.4049		
109A	.6239	152C	.9939	211A	-.4512	247C	-1.5352	310A	-.1942		
108A	.6862	145C	-2.1950	210A	-.0546	248C	-1.1012	309A	-.0786		
101A	.0077	147C	-1.9576	208A	.6408	249C	-.7722	301A	.5724		
102A	-1.4045	151C	-.6015	201A	.7138	250C	-.5810	302A	.5457		
103A	-1.9576	165D	.6737	202A	-.1506	264D	.2218	303A	-.2858		
104A	-2.0261	164D	.7902	203A	-.7073	263D	.6452	304A	-.6059		
105A	-1.5948	163D	.9352	204A	-.8309	262D	.7075	305A	-.6522		
106A	-1.3271	159D	-.9109	205A	-.9278	261D	.8062	345E	.2202		
107A	-.8087	160D	-.8505	206A	-1.1448	256D	.6817	344E	.2629		
142B	.6523			242B	.6559	257D	-.4663	343E	.2736		
141B	.6470			241B	.6087	258D	-.7553	342E	.2558		
140B	.3544			240B	.4602	259D	-.3489	341E	.2041		
139B	.3695			238B	.4353	260D	-.1008	340E	.1641		
138B	.3962			237B	.3288			339E	.1213		
137B	.3019			236B	.4142			338E	.0608		
136B	.2014			235B	.4721			337E	.1356		
135B	.3108			234B	.5531			336E	.2531		
133B	.5545			233B	.6805			335E	.3813		
132B	.7110			232B	.7811			334E	.5335		
131B	.7075			231B	.4775			333E	.7205		
130B	-.0308			230B	-1.6718			332E	.6083		
115B	-.8775			218B	-2.4271			331E	-.3488		
116B	-.4423			219B	-3.1003			315E	-2.3738		
117B	-1.7042			221B	-1.9700			317E	-2.8851		
118B	-2.7117			222B	-1.5939			318E	-2.5125		
120B	-2.5374			223B	-1.4036			319E	-2.6592		
121B	-1.8144			224B	-1.2924			320E	-1.6117		
122B	-1.3929			225B	-1.2017			321E	-1.2026		
123B	-1.1857			226B	-1.2933			322E	-1.0388		
124B	-1.0888			227B	-1.1564			323E	-.8901		
125B	-.9625			228B	-1.1688			325E	-.6764		
126B	-.9874			229B	-1.3253			326E	-.5527		
127B	-.9376			255C	.6105			327E	-.3942		
128B	-1.0221			254C	.7110			328E	-.2642		
129B	-1.2364			253C	.7413			329E	-.2330		
157C	.2272			252C	.8071			330E	-.2170		
156C	.4744			251C	.8782						

TABLE 207.- TABULATED PRESSURE DATA FOR RUN 195 AT ALPHA = 10.88 DEGREES AND QINF = 12.85 KN/SQM (268.30 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	.0978	155C	.7005	214A	.0486	244C	-.0993	313A	-.3121		
111A	.4296	154C	.7685	213A	-.3703	245C	-2.2328	312A	-.3685		
110A	.5007	153C	.8588	212A	-.4186	246C	-2.0245	311A	-.3130		
109A	.7071	152C	.9974	211A	-.3023	247C	-1.4936	310A	-.0218		
108A	.5472	145C	-2.1667	210A	.1729	248C	-1.0610	309A	.1372		
101A	-.5131	147C	-1.9361	208A	.7642	249C	-.7393	301A	.7089		
102A	-2.2478	151C	-.5695	201A	.4981	250C	-.5453	302A	.1113		
103A	-2.6944	165D	.6853	202A	-.9017	264D	.2168	303A	-.9115		
104A	-2.6346	164D	.7971	203A	-1.4073	263D	.6397	304A	-1.0777		
105A	-1.9959	163D	.9464	204A	-1.3572	262D	.7068	305A	-1.0562		
106A	-1.6422	159D	-.8751	205A	-1.3331	261D	.8033	345E	.1927		
107A	-1.0214	160D	-.8242	206A	-1.5287	256D	.6810	344E	.2580		
142B	.6388			242B	.6504	257D	-.4273	343E	.2706		
141B	.6477			241B	.6504	258D	-.7151	342E	.2544		
140B	.3777			240B	.4761	259D	-.3415	341E	.2025		
139B	.3831			238B	.4671	260D	-.1109	340E	.1721		
138B	.4206			237B	.3619			339E	.1372		
137B	.3258			236B	.4532			338E	.0880		
136B	.2400			235B	.5131			337E	.1739		
135B	.3536			234B	.5999			336E	.2911		
133B	.5932			233B	.7109			335E	.4209		
132B	.7238			232B	.7745			334E	.5588		
131B	.7130			231B	.4612			333E	.7163		
130B	.1023			230B	-1.6001			332E	.5883		
115B	-.6470			218B	-2.8534			331E	-.3032		
116B	-.3916			219B	-3.5596			315E	-2.6739		
117B	-1.9995			221B	-2.1684			317E	-3.4063		
118B	-3.1214			222B	-1.7314			318E	-2.9204		
120B	-2.8177			223B	-1.5374			319E	-2.9972		
121B	-2.0245			224B	-1.4051			320E	-1.8030		
122B	-1.4820			225B	-1.2979			321E	-1.3486		
123B	-1.2505			226B	-1.3765			322E	-1.1454		
124B	-1.1325			227B	-1.2201			323E	-.9539		
125B	-.9895			228B	-1.2094			325E	-.7158		
126B	-.9994			229B	-1.3292			326E	-.5753		
127B	-.9466			255C	.6164			327E	-.4142		
128B	-1.0119			254C	.7157			328E	-.3067		
129B	-1.2157			253C	.7416			329E	-.2826		
157C	.2400			252C	.8087			330E	-.2754		
156C	.4823			251C	.8731						

TABLE 208.- TABULATED PRESSURE DATA FOR RUN 195 AT ALPHA = 12.94 DEGREES AND QINF = 12.87 KN/SQM (268.90 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	.1434	155C	.6993	214A	.2906	244C	-.0993	313A	-.1579		
111A	.7162	154C	.7680	213A	-.2543	245C	-2.1722	312A	-.2713		
110A	.6191	153C	.8537	212A	-.3062	246C	-1.9402	311A	-.1927		
109A	.7333	152C	.9875	211A	-.1480	247C	-1.3986	310A	.1500		
108A	.3159	145C	-2.0901	210A	.3444	248C	-.9800	309A	.3239		
101A	-1.1014	147C	-1.8313	208A	.7324	249C	-.6544	301A	.6950		
102A	-3.1101	151C	-.5178	201A	.1348	250C	-.4750	302A	-.4913		
103A	-3.4302	165D	.6913	202A	-1.6910	264D	.2023	303A	-1.5724		
104A	-3.1975	164D	.7948	203A	-2.0844	263D	.6404	304A	-1.5465		
105A	-2.3752	163D	.9456	204A	-1.8890	262D	.7055	305A	-1.4190		
106A	-1.9176	159D	-.8257	205A	-1.7428	261D	.7983	345E	.1834		
107A	-1.2156	160D	-.7677	206A	-1.9033	256D	.6886	344E	.2326		
142B	.6333			242B	.6484	257D	-.3581	343E	.2478		
141B	.6163			241B	.6797	258D	-.6463	342E	.2397		
140B	.4021			240B	.4994	259D	-.3090	341E	.1968		
139B	.4111			238B	.4976	260D	-.1074	340E	.1799		
138B	.4414			237B	.3952			339E	.1495		
137B	.3584			236B	.4890			338E	.1102		
136B	.2835			235B	.5542			337E	.2067		
135B	.3986			234B	.6364			336E	.3264		
133B	.6315			233B	.7373			335E	.4532		
132B	.7323			232B	.7686			334E	.5872		
131B	.7091			231B	.4640			333E	.7096		
130B	.1800			230B	-1.4703			332E	.5783		
115B	-.4197			218B	-3.1824			331E	-.2722		
116B	-.3433			219B	-3.9331			315E	-2.8862		
117B	-2.2351			221B	-2.3578			317E	-3.7254		
118B	-3.4116			222B	-1.8643			318E	-3.1628		
120B	-3.0129			223B	-1.6270			319E	-3.2073		
121B	-2.1133			224B	-1.4708			320E	-1.9247		
122B	-1.5752			225B	-1.3521			321E	-1.4336		
123B	-1.3156			226B	-1.4182			322E	-1.2085		
124B	-1.1674			227B	-1.2308			323E	-1.0137		
125B	-.9997			228B	-1.2031			325E	-.7046		
126B	-.9800			229B	-1.2834			326E	-.5492		
127B	-.9229			255C	.6199			327E	-.4437		
128B	-.9890			254C	.7180			328E	-.3866		
129B	-1.1603			253C	.7430			329E	-.3642		
157C	.2397			252C	.8117			330E	-.3473		
156C	.4887			251C	.8662						

TABLE 209.- TABULATED PRESSURE DATA FOR RUN 195 AT ALPHA = 13.70 DEGREES AND QINF = 13.04 KN/SQM (272.30 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	.1897	155C	.7048	214A	.3619	244C	-.0853	313A	-.0910		
111A	.7630	154C	.7603	213A	-.1943	245C	-2.1099	312A	-.2375		
110A	.6520	153C	.8486	212A	-.2817	246C	-1.8780	311A	-.1581		
109A	.7252	152C	.9923	211A	-.1228	247C	-1.3409	310A	.2227		
108A	.1945	145C	-2.0525	210A	.4016	248C	-.9282	309A	.3981		
101A	-1.4039	147C	-1.7765	208A	.6837	249C	-.6214	301A	.6494		
102A	-3.5219	151C	-.4953	201A	-.0709	250C	-.4450	302A	-.8177		
103A	-3.7726	165D	.6863	202A	-2.0793	264D	.1959	303A	-1.8906		
104A	-3.4555	164D	.8000	203A	-2.4407	263D	.6404	304A	-1.7866		
105A	-2.5333	163D	.9385	204A	-2.1665	262D	.7048	305A	-1.6049		
106A	-2.0352	159D	-.8022	205A	-1.9470	261D	.7974	345E	.1624		
107A	-1.2981	160D	-.7466	206A	-2.1498	256D	.6969	344E	.2251		
142B	.6210			242B	.6483	257D	-.3515	343E	.2436		
141B	.5875			241B	.6924	258D	-.6426	342E	.2313		
140B	.4067			240B	.5002	259D	-.3145	341E	.1951		
139B	.4173			238B	.5046	260D	-.1293	340E	.1827		
138B	.4437			237B	.4122			339E	.1518		
137B	.3608			236B	.5049			338E	.1191		
136B	.3008			235B	.5720			337E	.2136		
135B	.4128			234B	.6515			336E	.3372		
133B	.6404			233B	.7486			335E	.4670		
132B	.7357			232B	.7645			334E	.5932		
131B	.7118			231B	.4626			333E	.7027		
130B	.2223			230B	-1.4374			332E	.5588		
115B	-.3095			218B	-3.2624			331E	-.2940		
116B	-.3389			219B	-3.9858			315E	-3.0164		
117B	-2.3376			221B	-2.4643			317E	-3.9587		
118B	-3.5402			222B	-1.9432			318E	-3.3347		
120B	-3.1302			223B	-1.6504			319E	-3.3594		
121B	-2.1936			224B	-1.4811			320E	-2.0176		
122B	-1.6064			225B	-1.3400			321E	-1.4930		
123B	-1.3295			226B	-1.4009			322E	-1.2696		
124B	-1.1778			227B	-1.2025			323E	-1.0542		
125B	-.9961			228B	-1.1593			325E	-.7249		
126B	-.9697			229B	-1.2298			326E	-.5386		
127B	-.9150			255C	.6272			327E	-.4538		
128B	-.9600			254C	.7180			328E	-.4053		
129B	-1.1416			253C	.7462			329E	-.3956		
157C	.2435			252C	.8071			330E	-.3532		
156C	.4949			251C	.8653						

TABLE Q10 .- TABULATED PRESSURE DATA FOR RUN 195 AT ALPHA = 15.23 DEGREES AND QINF = 12.99 KN/SQM (271.20 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	.2239	155C	.7046	214A	.4754	244C	-.0426	313A	.0286		
111A	.7709	154C	.7585	213A	-.1008	245C	-1.9467	312A	-.1691		
110A	.7012	153C	.8488	212A	-.1983	246C	-1.7405	311A	-.0955		
109A	.6888	152C	.9896	211A	-.0565	247C	-1.1943	310A	.3252		
108A	-.0322	145C	-1.9777	210A	.4960	248C	-.7995	309A	.4871		
101A	-1.8680	147C	-1.6989	208A	.5402	249C	-.5180	301A	.5526		
102A	-4.1768	151C	-.4498	201A	-.4931	250C	-.3825	302A	-1.3239		
103A	-4.2821	165D	.6886	202A	-2.8279	264D	.1973	303A	-2.3714		
104A	-3.8840	164D	.7913	203A	-3.0685	263D	.6426	304A	-2.0803		
105A	-2.8022	163D	.9365	204A	-2.5890	262D	.7063	305A	-1.8113		
106A	-2.2254	159D	-.7605	205A	-2.2210	261D	.7984	345E	.1492		
107A	-1.4221	160D	-.6986	206A	-2.3935	256D	.7072	344E	.2157		
142B	.6169			242B	.6523	257D	-.3046	343E	.2334		
141B	.5629			241B	.7107	258D	-.6109	342E	.2254		
140B	.4195			240B	.5204	259D	-.3179	341E	.1935		
139B	.4301			238B	.5284	260D	-.1515	340E	.1758		
138B	.4549			237B	.4408			339E	.1536		
137B	.3850			236B	.5375			338E	.1314		
136B	.3257			235B	.5977			337E	.2290		
135B	.4407			234B	.6793			336E	.3531		
133B	.6647			233B	.7671			335E	.4834		
132B	.7453			232B	.7644			334E	.6084		
131B	.7223			231B	.4683			333E	.6997		
130B	.2938			230B	-1.3463			332E	.5516		
115B	-.1639			218B	-3.4184			331E	-.2613		
116B	-.3649			219B	-4.1795			315E	-3.1278		
117B	-2.5014			221B	-2.5682			317E	-4.0988		
118B	-3.7516			222B	-1.9945			318E	-3.4640		
120B	-3.2163			223B	-1.6865			319E	-3.4544		
121B	-2.2291			224B	-1.4988			320E	-2.0493		
122B	-1.6431			225B	-1.3235			321E	-1.5352		
123B	-1.3403			226B	-1.3713			322E	-1.2816		
124B	-1.1801			227B	-1.1544			323E	-1.0370		
125B	-.9854			228B	-1.0987			325E	-.6646		
126B	-.9544			229B	-1.1235			326E	-.5512		
127B	-.8862			255C	.6337			327E	-.5033		
128B	-.9261			254C	.7223			328E	-.4687		
129B	-1.0766			253C	.7488			329E	-.4279		
157C	.2593			252C	.8072			330E	-.3996		
156C	.4939			251C	.8657						

TABLE 211 .- TABULATED PRESSURE DATA FOR RUN 195 AT ALPHA = 15.88 DEGREES AND QINF = 12.86 KN/SQM (268.60 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	.2289	155C	.7007	214A	.4893	244C	-.0738	313A	.0931		
111A	.7588	154C	.7579	213A	-.0527	245C	-1.9617	312A	-.1502		
110A	.7064	153C	.8401	212A	-.1923	246C	-1.7270	311A	-.0778		
109A	.6510	152C	.9786	211A	-.0626	247C	-1.2039	310A	.3458		
108A	-.1514	145C	-1.9608	210A	.5145	248C	-.7977	309A	.5073		
101A	-2.1224	147C	-1.6930	208A	.4306	249C	-.5380	301A	.4645		
102A	-4.4845	151C	-.4505	201A	-.7424	250C	-.4130	302A	-1.6734		
103A	-4.5729	165D	.6837	202A	-3.2132	264D	.1852	303A	-2.7383		
104A	-4.0722	164D	.7919	203A	-3.3605	263D	.6435	304A	-2.3295		
105A	-2.9204	163D	.9339	204A	-2.7767	262D	.7114	305A	-1.9912		
106A	-2.3161	159D	-.7718	205A	-2.4027	261D	.7990	345E	.1342		
107A	-1.5038	160D	-.7013	206A	-2.5214	256D	.7055	344E	.2120		
142B	.6042			242B	.6542	257D	-.3335	343E	.2362		
141B	.5515			241B	.7186	258D	-.6540	342E	.2290		
140B	.4193			240B	.5113	259D	-.3523	341E	.1942		
139B	.4237			238B	.5202	260D	-.1675	340E	.1825		
138B	.4532			237B	.4330			339E	.1611		
137B	.3808			236B	.5331			338E	.1324		
136B	.3326			235B	.5958			337E	.2299		
135B	.4478			234B	.6807			336E	.3596		
133B	.6677			233B	.7612			335E	.4884		
132B	.7436			232B	.7514			334E	.6065		
131B	.7222			231B	.4544			333E	.6924		
130B	.3049			230B	-1.3801			332E	.5385		
115B	-.1562			218B	-3.5821			331E	-.2692		
116B	-.3925			219B	-4.3482			315E	-3.2810		
117B	-2.6223			221B	-2.6142			317E	-4.2934		
118B	-3.8962			222B	-2.0358			318E	-3.5733		
120B	-3.3337			223B	-1.7127			319E	-3.5644		
121B	-2.2982			224B	-1.5288			320E	-2.1474		
122B	-1.6323			225B	-1.3610			321E	-1.5563		
123B	-1.3288			226B	-1.3958			322E	-1.2790		
124B	-1.1539			227B	-1.1753			323E	-1.0491		
125B	-.9664			228B	-1.1003			325E	-.7370		
126B	-.9218			229B	-1.1173			326E	-.6422		
127B	-.8522			255C	.6292			327E	-.5974		
128B	-.9084			254C	.7248			328E	-.5447		
129B	-1.0441			253C	.7525			329E	-.4955		
157C	.2611			252C	.8097			330E	-.4445		
156C	.4925			251C	.8651						

TABLE 212 .- TABULATED PRESSURE DATA FOR RUN 195 AT ALPHA = 17.24 DEGREES AND QINF = 13.06 KN/SQM (272.70 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	.2596	155C	.6930	214A	.5129	244C	-.0881	313A	.1761		
111A	.7379	154C	.7502	213A	.0457	245C	-1.8740	312A	-.0760		
110A	.7275	153C	.8365	212A	-.1095	246C	-1.6398	311A	-.0416		
109A	.5998	152C	.9748	211A	-.0249	247C	-1.1255	310A	.4027		
108A	-.3597	145C	-1.8767	210A	.5708	248C	-.7512	309A	.5488		
101A	-2.5630	147C	-1.5764	208A	.2442	249C	-.5064	301A	.3138		
102A	-5.0538	151C	-.4368	201A	-1.1634	250C	-.4034	302A	-2.2021		
103A	-4.9665	165D	.6798	202A	-3.8630	264D	.1847	303A	-3.1854		
104A	-4.3332	164D	.7898	203A	-3.8551	263D	.6463	304A	-2.6158		
105A	-3.1070	163D	.9264	204A	-3.0287	262D	.7150	305A	-2.1915		
106A	-2.4459	159D	-.7530	205A	-2.6334	261D	.8101	345E	.1426		
107A	-1.5665	160D	-.6922	206A	-2.7320	256D	.7080	344E	.2026		
142B	.6251			242B	.6657	257D	-.3241	343E	.2229		
141B	.5564			241B	.7379	258D	-.6455	342E	.2184		
140B	.4278			240B	.5239	259D	-.3435	341E	.1911		
139B	.4375			238B	.5397	260D	-.1762	340E	.1832		
138B	.4578			237B	.4424			339E	.1620		
137B	.3803			236B	.5455			338E	.1470		
136B	.3327			235B	.6134			337E	.2493		
135B	.4595			234B	.6892			336E	.3771		
133B	.6806			233B	.7685			335E	.5058		
132B	.7502			232B	.7474			334E	.6195		
131B	.7203			231B	.4512			333E	.6936		
130B	.3309			230B	-1.3383			332E	.5420		
115B	-.1103			218B	-3.7077			331E	-.2382		
116B	-.3984			219B	-4.4989			315E	-3.2972		
117B	-2.6572			221B	-2.6675			317E	-4.4213		
118B	-3.9197			222B	-2.0572			318E	-3.6728		
120B	-3.3113			223B	-1.7384			319E	-3.5899		
121B	-2.2721			224B	-1.5306			320E	-2.1493		
122B	-1.6451			225B	-1.3439			321E	-1.5808		
123B	-1.3395			226B	-1.3712			322E	-1.2925		
124B	-1.1396			227B	-1.1343			323E	-1.0448		
125B	-.9458			228B	-1.0524			325E	-.7627		
126B	-.8930			229B	-1.0462			326E	-.6939		
127B	-.8305			255C	.6357			327E	-.6349		
128B	-.8754			254C	.7247			328E	-.5520		
129B	-1.0031			253C	.7564			329E	-.5291		
157C	.2561			252C	.8172			330E	-.4788		
156C	.4921			251C	.8788						

TABLE 213 .- TABULATED PRESSURE DATA FOR RUN 195 AT ALPHA = 18.37 DEGREES AND QINF = 12.98 KN/SQM (271.00 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	.2683	155C	.6776	214A	.5277	244C	-.0820	313A	.2569		
111A	.7448	154C	.7439	213A	.1127	245C	-1.7790	312A	.0030		
110A	.7228	153C	.8261	212A	-.0669	246C	-1.5661	311A	.0101		
109A	.6017	152C	.9781	211A	-.0050	247C	-1.0758	310A	.4577		
108A	-.3190	145C	-1.7675	210A	.6026	248C	-.7304	309A	.5876		
101A	-2.3937	147C	-1.4698	208A	.1785	249C	-.4945	301A	.1767		
102A	-4.8657	151C	-.5228	201A	-1.3016	250C	-.3894	302A	-2.6287		
103A	-4.6836	165D	.6528	202A	-4.0198	264D	.1958	303A	-3.5618		
104A	-4.1039	164D	.7642	203A	-3.9988	263D	.6519	304A	-2.7789		
105A	-2.9185	163D	.9295	204A	-3.1006	262D	.7182	305A	-2.3283		
106A	-2.2558	159D	-.9159	205A	-2.7206	261D	.8084	345E	.1437		
107A	-1.4120	160D	-.8612	206A	-2.7675	256D	.7007	344E	.2092		
142B	.6466			242B	.6785	257D	-.3081	343E	.2286		
141B	.5786			241B	.7306	258D	-.6350	342E	.2286		
140B	.4159			240B	.5308	259D	-.3470	341E	.1968		
139B	.4283			238B	.5467	260D	-.1624	340E	.1853		
138B	.4477			237B	.4543			339E	.1685		
137B	.3753			236B	.5595			338E	.1569		
136B	.3284			235B	.6233			337E	.2693		
135B	.4504			234B	.7002			336E	.3967		
133B	.6802			233B	.7737			335E	.5242		
132B	.7492			232B	.7445			334E	.6303		
131B	.7227			231B	.4569			333E	.6852		
130B	.3514			230B	-1.2916			332E	.5365		
115B	-.0658			218B	-3.7133			331E	-.2156		
116B	-.3243			219B	-4.4795			315E	-3.3241		
117B	-2.4608			221B	-2.6527			317E	-4.5181		
118B	-3.5785			222B	-2.0211			318E	-3.7107		
120B	-2.9150			223B	-1.6898			319E	-3.6187		
121B	-2.0008			224B	-1.4884			320E	-2.2037		
122B	-1.4053			225B	-1.2923			321E	-1.5995		
123B	-1.1359			226B	-1.3294			322E	-1.3278		
124B	-1.0034			227B	-1.0864			323E	-1.0774		
125B	-.8514			228B	-1.0025			325E	-.8173		
126B	-.8240			229B	-1.0051			326E	-.7129		
127B	-.7578			255C	.6387			327E	-.6447		
128B	-.7905			254C	.7315			328E	-.5748		
129B	-.9451			253C	.7598			329E	-.5394		
157C	.2126			252C	.8190			330E	-.4952		
156C	.4477			251C	.8773						

TABLE 214.- TABULATED PRESSURE DATA FOR RUN 195 AT ALPHA = 18.86 DEGREES AND QINF = 12.99 KN/SQM (271.30 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	.2711	155C	.6732	214A	.5324	244C	-.0849	313A	.2896		
111A	.7393	154C	.7402	213A	.1492	245C	-1.7256	312A	.0424		
110A	.7252	153C	.8319	212A	-.0494	246C	-1.5087	311A	.0398		
109A	.5868	152C	.9747	211A	.0256	247C	-1.0150	310A	.4809		
108A	-.3691	145C	-1.6789	210A	.6185	248C	-.6800	309A	.5991		
101A	-2.3645	147C	-1.3782	208A	.1000	249C	-.4808	301A	.0683		
102A	-4.7478	151C	-.5469	201A	-1.5242	250C	-.3970	302A	-2.9298		
103A	-4.7320	165D	.6397	202A	-4.2523	264D	.1856	303A	-3.8372		
104A	-4.0827	164D	.7622	203A	-4.1911	263D	.6485	304A	-2.9148		
105A	-2.7957	163D	.9342	204A	-3.2066	262D	.7155	305A	-2.4748		
106A	-2.1935	159D	-.9842	205A	-2.7904	261D	.8072	345E	.1369		
107A	-1.4175	160D	-.9410	206A	-2.8345	256D	.7041	344E	.2110		
142B	.6405			242B	.6767	257D	-.3212	343E	.2366		
141B	.5850			241B	.7261	258D	-.6641	342E	.2322		
140B	.4210			240B	.5233	259D	-.3582	341E	.2013		
139B	.4263			238B	.5453	260D	-.1828	340E	.1925		
138B	.4554			237B	.4538			339E	.1828		
137B	.3734			236B	.5615			338E	.1784		
136B	.3222			235B	.6269			337E	.2790		
135B	.4527			234B	.7037			336E	.4088		
133B	.6837			233B	.7752			335E	.5333		
132B	.7455			232B	.7460			334E	.6348		
131B	.7190			231B	.4547			333E	.6869		
130B	.3513			230B	-1.2792			332E	.5315		
115B	-.0552			218B	-3.7743			331E	-.2145		
116B	-.3135			219B	-4.5057			315E	-3.4256		
117B	-2.4086			221B	-2.6592			317E	-4.7032		
118B	-3.3618			222B	-2.0368			318E	-3.8538		
120B	-2.8107			223B	-1.6938			319E	-3.7393		
121B	-1.9248			224B	-1.4787			320E	-2.2596		
122B	-1.3245			225B	-1.3059			321E	-1.6279		
123B	-1.0988			226B	-1.3192			322E	-1.3366		
124B	-.9850			227B	-1.0741			323E	-1.1009		
125B	-.8122			228B	-.9736			325E	-.8907		
126B	-.7629			229B	-.9612			326E	-.7830		
127B	-.7356			255C	.6370			327E	-.6965		
128B	-.7400			254C	.7296			328E	-.6330		
129B	-.8669			253C	.7560			329E	-.5614		
157C	.1935			252C	.8160			330E	-.5261		
156C	.4421			251C	.8777						

TABLE 216.- TABULATED PRESSURE DATA FOR RUN 195 AT ALPHA = 20.77 DEGREES AND QINF = 12.98 KN/SQM (271.00 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	.3080	155C	.6484	214A	.5459	244C	-.0760	313A	.3504		
111A	.7373	154C	.7276	213A	.2650	245C	-1.6009	312A	.1576		
110A	.7274	153C	.8094	212A	.0563	246C	-1.3274	311A	.1558		
109A	.5294	152C	.9493	211A	.0906	247C	-.8850	310A	.5646		
108A	-.5674	145C	-1.5314	210A	.6720	248C	-.6080	309A	.6429		
101A	-2.6149	147C	-1.2245	208A	-.2514	249C	-.4568	301A	-.2479		
102A	-4.9324	151C	-.5878	201A	-2.1721	250C	-.3961	302A	-3.7721		
103A	-4.6707	165D	.6062	202A	-5.2116	264D	.1655	303A	-4.5250		
104A	-3.7390	164D	.7408	203A	-4.8408	263D	.6352	304A	-3.2205		
105A	-2.6968	163D	.9150	204A	-3.5697	262D	.7091	305A	-2.6959		
106A	-2.0956	159D	-1.0425	205A	-3.0410	261D	.8006	345E	.0713		
107A	-1.3359	160D	-1.0759	206A	-3.0762	256D	.7093	344E	.1664		
142B	.6168			242B	.6845	257D	-.3196	343E	.1945		
141B	.5745			241B	.7522	258D	-.6740	342E	.2034		
140B	.4162			240B	.5429	259D	-.3847	341E	.1628		
139B	.4206			238B	.5640	260D	-.2018	340E	.1681		
138B	.4373			237B	.4728			339E	.1593		
137B	.3766			236B	.5803			338E	.1664		
136B	.3388			235B	.6489			337E	.2932		
135B	.4734			234B	.7229			336E	.4270		
133B	.6898			233B	.7846			335E	.5538		
132B	.7461			232B	.7370			334E	.6525		
131B	.7214			231B	.4552			333E	.6930		
130B	.3828			230B	-1.2338			332E	.5380		
115B	.0089			218B	-3.8786			331E	-.1762		
116B	-.2778			219B	-4.6253			315E	-3.4668		
117B	-2.1985			221B	-2.6658			317E	-4.6096		
118B	-3.2522			222B	-2.0036			318E	-3.8803		
120B	-2.5454			223B	-1.6536			319E	-3.6456		
121B	-1.6580			224B	-1.4012			320E	-2.1774		
122B	-1.2447			225B	-1.2271			321E	-1.4742		
123B	-1.0372			226B	-1.2438			322E	-1.2963		
124B	-.8789			227B	-.9677			323E	-1.1801		
125B	-.6881			228B	-.8349			325E	-1.1387		
126B	-.7646			229B	-.8217			326E	-1.0727		
127B	-.6942			255C	.6326			327E	-1.0480		
128B	-.7663			254C	.7276			328E	-.9177		
129B	-.7927			253C	.7575			329E	-.8455		
157C	.1558			252C	.8121			330E	-.7732		
156C	.4135			251C	.8701						

TABLE 216 .- TABULATED PRESSURE DATA FOR RUN 195 AT ALPHA = 24.95 DEGREES AND QINF = 13.07 KN/SQM (272.90 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	.4914	155C	.6473	214A	.5603	244C	-.0472	313A	.4138		
111A	.7287	154C	.7183	213A	.4675	245C	-1.5861	312A	.3315		
110A	.7148	153C	.7945	212A	.2812	246C	-1.3722	311A	.3522		
109A	.3225	152C	.9505	211A	.2491	247C	-1.0587	310A	.6741		
108A	-.9145	145C	-1.5333	210A	.7478	248C	-.7487	309A	.6326		
101A	-3.5753	147C	-1.1306	208A	-.7854	249C	-.7218	301A	-1.1180		
102A	-5.9995	151C	-.5443	201A	-3.2324	250C	-.6707	302A	-5.8587		
103A	-5.0844	165D	.5971	202A	-6.4965	264D	.0124	303A	-6.1248		
104A	-4.1195	164D	.7287	203A	-5.8158	263D	.5702	304A	-3.9976		
105A	-2.8166	163D	.8968	204A	-4.1187	262D	.6689	305A	-3.2653		
106A	-2.1349	159D	-1.0474	205A	-3.3993	261D	.7686	345E	.0220		
107A	-1.3224	160D	-1.0310	206A	-2.7932	256D	.6560	344E	.1295		
142B	.6239			242B	.6369	257D	-.5018	343E	.1780		
141B	.5581			241B	.7789	258D	-.9296	342E	.1771		
140B	.4411			240B	.5364	259D	-.6525	341E	.1641		
139B	.4567			238B	.5659	260D	-.4256	340E	.1745		
138B	.4714			237B	.4814			339E	.1858		
137B	.4151			236B	.5958			338E	.1997		
136B	.3805			235B	.6643			337E	.3341		
135B	.5174			234B	.7415			336E	.4719		
133B	.7183			233B	.7892			335E	.5880		
132B	.7495			232B	.7389			334E	.6739		
131B	.7148			231B	.4701			333E	.6834		
130B	.3961			230B	-1.0807			332E	.5265		
115B	.0219			218B	-3.8260			331E	-.1575		
116B	-.3168			219B	-4.5256			315E	-3.6028		
117B	-2.2293			221B	-2.2728			317E	-4.9677		
118B	-3.0938			222B	-1.7168			318E	-3.9393		
120B	-2.2917			223B	-1.3748			319E	-3.5058		
121B	-1.5073			224B	-1.2371			320E	-2.0881		
122B	-1.1721			225B	-.9617			321E	-1.4188		
123B	-.9201			226B	-.9998			322E	-1.2706		
124B	-.7946			227B	-.8344			323E	-1.1735		
125B	-.7348			228B	-.8231			325E	-1.1501		
126B	-.7261			229B	-.8647			326E	-1.1761		
127B	-.7365			255C	.5997			327E	-1.1076		
128B	-.7469			254C	.6958			328E	-1.0096		
129B	-.7608			253C	.7287			329E	-.9559		
157C	.1787			252C	.7902			330E	-.8987		
156C	.4307			251C	.8482						

RUN NUMBER 195

LONGITUDINAL STABILITY-AXIS DATA

TEST NUMBER 496

MACH	Q,PSF	R	ALPHA,DEG	UNCORRECTED CL	UNCORRECTED CD	UNCORRECTED CM	UNCORRECTED L/D	CORRECTED FOR STRUT INTERFERENCE CL	CORRECTED FOR STRUT INTERFERENCE CD	CORRECTED FOR STRUT INTERFERENCE CM	CORRECTED FOR STRUT INTERFERENCE L/D	ISUBT
.200	270.10	4.20	-5.28	.5030	.1342	-.4338	3.75	.1730	.1369	-.3912	1.26	OFF
.201	271.80	4.21	-3.70	.7980	.1247	-.4985	6.40	.4982	.1268	-.4666	3.93	OFF
.201	270.60	4.20	-1.21	1.1150	.1343	-.5244	8.30	.8818	.1355	-.5170	6.51	OFF
.201	271.30	4.20	.31	1.3260	.1401	-.5055	9.46	1.1491	.1412	-.5243	8.14	OFF
.201	271.20	4.20	2.66	1.5110	.1635	-.4759	9.24	1.3995	.1676	-.5195	8.35	OFF
.200	268.90	4.18	4.86	1.7310	.1884	-.4418	9.19	1.6406	.1946	-.4905	8.43	OFF
.200	268.10	4.17	6.60	1.9120	.2063	-.4064	9.27	1.8276	.2131	-.4563	8.58	OFF
.201	269.30	4.18	8.88	2.1000	.2398	-.3636	8.76	2.0264	.2477	-.4137	8.18	OFF
.200	268.30	4.17	10.88	2.2860	.2664	-.3130	8.58	2.2296	.2754	-.3614	8.10	OFF
.201	270.80	4.18	12.04	2.3660	.2894	-.2908	8.18	2.3267	.2982	-.3335	7.80	OFF
.200	268.90	4.16	12.94	2.4360	.3008	-.2593	8.10	2.4120	.3086	-.2923	7.82	OFF
.202	272.30	4.19	13.70	2.5040	.3108	-.2322	8.06	2.4914	.3170	-.2492	7.86	OFF
.201	271.20	4.17	15.23	2.5730	.3354	-.1890	7.67	2.5718	.3386	-.1895	7.60	OFF
.200	268.60	4.15	15.88	2.5960	.3455	-.1629	7.51	2.5959	.3476	-.1650	7.47	OFF
.202	272.70	4.18	17.24	2.5480	.3825	-.1751	6.66	2.5480	.3831	-.1913	6.65	OFF
.201	271.00	4.16	18.37	2.4600	.3957	-.1786	6.22	2.4600	.3956	-.2014	6.22	OFF
.201	271.30	4.17	18.86	2.5100	.4294	-.1744	5.85	2.5100	.4294	-.1990	5.85	OFF
.201	271.00	4.17	20.77	2.5140	.4896	-.1564	5.13	2.5140	.4896	-.1825	5.13	OFF
.201	271.50	4.18	22.93	2.3770	.5280	-.0592	4.50	2.3770	.5280	-.0833	4.50	OFF
.202	272.90	4.19	24.95	2.4490	.6287	-.0165	3.90	2.4490	.6287	-.0367	3.90	OFF
.201	269.80	4.15	.29	1.2960	.1413	-.5039	9.17	1.1185	.1424	-.5224	7.86	OFF

LANDING WING CONFIGURATION, ASPECT RATIO 10, INBOARD SLATS -30, OUTBOARD SLATS -50, FLAPS 45

Table 217 . Tabulated longitidinal data for run 195.

TABLE 218.- TABULATED PRESSURE DATA FOR RUN 199 AT ALPHA = -5.87 DEGREES AND QINF = 13.09 KN/SQM (273.40 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	-.4003	155C	.6345	214A	-.5302	244C	-.2880	313A	-.5877		
111A	-.3994	154C	.6866	213A	-.5372	245C	-1.7068	312A	-.5651		
110A	-.8479	153C	.7501	212A	-.5407	246C	-1.5773	311A	-.5320		
109A	-1.5344	152C	.8371	211A	-.5485	247C	-1.3106	310A	-.7549		
108A	-1.7960	145C	-2.1664	210A	-.5802	248C	-.9761	309A	-.6376		
101A	-.7627	147C	-1.9058	208A	-.7175	249C	-.7128	301A	-.7149		
102A	.3618	151C	-.6824	201A	-.8722	250C	-.5477	302A	-.3612		
103A	.7564	165D	.6240	202A	.3097	264D	.2649	303A	.5443		
104A	.6842	164D	.7362	203A	.7494	263D	.5945	304A	.7320		
105A	.5043	163D	.8658	204A	.7616	262D	.6040	305A	.6738		
106A	.3392	159D	-.9683	205A	.6312	261D	.6362	345E	.0502		
107A	.1341	160D	-.9092	206A	.4340	256D	.3663	344E	.0172		
142B	.4614			242B	.1023	257D	-.4582	343E	.0032		
141B	.4023			241B	.3223	258D	-.5721	342E	-.0116		
140B	.2501			240B	.0997	259D	-.2454	341E	-.0690		
139B	.2475			238B	-.1020	260D	-.0134	340E	-.1195		
138B	.2397			237B	-.2474			339E	-.1682		
137B	.1023			236B	-.3196			338E	-.2491		
136B	-.0568			235B	-.4423			337E	-.3040		
135B	-.0620			234B	-.5111			336E	-.3684		
133B	-.4055			233B	-.5590			335E	-.5929		
132B	-.3916			232B	-.6112			334E	-.7087		
131B	-.4151			231B	-.6051			333E	-.6773		
130B	-.5838			230B	-.6242			332E	-.6173		
115B	-.5394			218B	-.2647			331E	-.6216		
116B	-.5116			219B	-.5037			315E	-.5872		
117B	.4661			221B	-.4409			317E	.0559		
118B	-.3334			222B	-.4235			318E	-.3186		
120B	-.7279			223B	-.4261			319E	-.3551		
121B	-.5408			224B	-.4617			320E	-.2934		
122B	-.4895			225B	-.5312			321E	-.2639		
123B	-.4843			226B	-.7432			322E	-.2848		
124B	-.5217			227B	-.6989			323E	-.2874		
125B	-.5564			228B	-.8206			325E	-.3371		
126B	-.6815			229B	-1.0925			326E	-.3423		
127B	-.6998			255C	.5206			327E	-.3109		
128B	-.8345			254C	.5545			328E	-.2300		
129B	-1.1698			253C	.4667			329E	-.1534		
157C	.1849			252C	.3545			330E	-.0664		
156C	.4275			251C	.1040						

TABLE 219 .- TABULATED PRESSURE DATA FOR RUN 199 AT ALPHA = .85 DEGREES AND QINF = 13.00 KN/SQM (271.50 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	-.1320	155C	.6687	214A	-.4902	244C	-.1958	313A	-.6012		
111A	-.0088	154C	.7417	213A	-.4999	245C	-2.1536	312A	-.5968		
110A	-.3497	153C	.8376	212A	-.4999	246C	-1.9856	311A	-.5897		
109A	-.4060	152C	.9855	211A	-.4708	247C	-1.5124	310A	-.7945		
108A	-.1098	145C	-2.1685	210A	-.7083	248C	-1.1025	309A	-1.1320		
101A	.5152	147C	-1.9680	208A	-1.1733	249C	-.8079	301A	-1.5012		
102A	.6945	151C	-.6610	201A	-.2539	250C	-.6329	302A	.3025		
103A	.3957	165D	.6449	202A	.7446	264D	.1760	303A	.6910		
104A	.0423	164D	.7655	203A	.6392	263D	.6238	304A	.4959		
105A	-.1344	163D	.9309	204A	.4141	262D	.6969	305A	.3438		
106A	-.2495	159D	-.9653	205A	.1768	261D	.8007	345E	.2507		
107A	-.2724	160D	-.9319	206A	-.0834	256D	.6776	344E	.2895		
142B	.6282			242B	.6748	257D	-.5458	343E	.2992		
141B	.6194			241B	.4760	258D	-.8272	342E	.2771		
140B	.3211			240B	.3924	259D	-.3954	341E	.2040		
139B	.3264			238B	.3414	260D	-.1289	340E	.1432		
138B	.3484			237B	.1820			339E	.0780		
137B	.2217			236B	.2393			338E	-.0206		
136B	.0616			235B	.2771			337E	.0102		
135B	.1531			234B	.3520			336E	.0965		
133B	.5349			233B	.5414			335E	.2199		
132B	-.2059			232B	.7705			334E	.4093		
131B	-.3907			231B	-.0206			333E	.7476		
130B	-.4804			230B	-1.8231			332E	.1511		
115B	-.3141			218B	-1.1672			331E	-1.2452		
116B	-.3251			219B	-1.6190			315E	-1.1856		
117B	-.7470			221B	-1.1738			317E	-1.2709		
118B	-1.4036			222B	-.9900			318E	-1.2340		
120B	-1.5829			223B	-.9275			319E	-1.4247		
121B	-1.1799			224B	-.8985			320E	-.8903		
122B	-.9609			225B	-.8932			321E	-.7430		
123B	-.8598			226B	-1.0524			322E	-.6646		
124B	-.8334			227B	-.9829			323E	-.5880		
125B	-.7982			228B	-1.0392			325E	-.4867		
126B	-.8686			229B	-1.2468			326E	-.4250		
127B	-.8615			255C	.5781			327E	-.3237		
128B	-.9636			254C	.6898			328E	-.1986		
129B	-1.2116			253C	.7180			329E	-.1449		
157C	.2006			252C	.7936			330E	-.1202		
156C	.4443			251C	.8869						

TABLE 220.- TABULATED PRESSURE DATA FOR RUN 199 AT ALPHA = 4.55 DEGREES AND QINF = 12.97 KN/SQM (270.80 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	-.1521	155C	.6762	214A	-.5658	244C	-.1544	313A	-.6206		
111A	-.1265	154C	.7539	213A	-.5711	245C	-2.2311	312A	-.6294		
110A	-.1176	153C	.8484	212A	-.6161	246C	-2.0405	311A	-.6108		
109A	.0200	152C	.9994	211A	-.6002	247C	-1.5403	310A	-.6232		
108A	.3721	145C	-2.1464	210A	-.4882	248C	-1.1196	309A	-.6770		
101A	.6976	147C	-1.9250	208A	-.1212	249C	-.8002	301A	-.3012		
102A	.4047	151C	-.6026	201A	.5177	250C	-.6194	302A	.7259		
103A	-.1035	165D	.6577	202A	.6438	264D	.1932	303A	.4894		
104A	-.4829	164D	.7778	203A	.2450	263D	.6329	304A	.1224		
105A	-.5853	163D	.9305	204A	-.0038	262D	.7062	305A	-.0215		
106A	-.6320	159D	-.9202	205A	-.2315	261D	.8051	345E	.2429		
107A	-.5085	160D	-.8858	206A	-.5041	256D	.6713	344E	.2862		
142B	.6497			242B	.6727	257D	-.5382	343E	.2924		
141B	.6391			241B	.5340	258D	-.8205	342E	.2747		
140B	.3274			240B	.4210	259D	-.3900	341E	.2040		
139B	.3406			238B	.3830	260D	-.1218	340E	.1474		
138B	.3671			237B	.2464			339E	.0918		
137B	.2576			236B	.3162			338E	.0078		
136B	.1269			235B	.3684			337E	.0644		
135B	.2241			234B	.4497			336E	.1687		
133B	.5658			233B	.5999			335E	.2933		
132B	.6435			232B	.7846			334E	.4585		
131B	-.1662			231B	.4515			333E	.7387		
130B	-1.0952			230B	-1.8057			332E	.5770		
115B	-.7738			218B	-1.7711			331E	-.7027		
116B	-.5447			219B	-2.3182			315E	-1.8020		
117B	-1.3697			221B	-1.5236			317E	-1.9909		
118B	-2.1056			222B	-1.2660			318E	-1.8117		
120B	-2.0412			223B	-1.1495			319E	-2.0138		
121B	-1.4989			224B	-1.1028			320E	-1.2170		
122B	-1.1628			225B	-1.0701			321E	-.9484		
123B	-1.0102			226B	-1.1875			322E	-.8433		
124B	-.9555			227B	-1.0895			323E	-.7231		
125B	-.8884			228B	-1.1284			325E	-.5896		
126B	-.9475			229B	-1.3260			326E	-.5119		
127B	-.9166			255C	.5897			327E	-.3811		
128B	-.9996			254C	.7018			328E	-.2264		
129B	-1.2095			253C	.7301			329E	-.1716		
157C	.2152			252C	.8025			330E	-.1531		
156C	.4581			251C	.8828						

TABLE 221.- TABULATED PRESSURE DATA FOR RUN 199 AT ALPHA = 8.77 DEGREES AND QINF = 12.99 KN/SQM (271.40 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	-.1069	155C	.6951	214A	-.2178	244C	-.1124	313A	-.4245		
111A	.0131	154C	.7665	213A	-.4784	245C	-2.2577	312A	-.4492		
110A	.1170	153C	.8548	212A	-.5067	246C	-2.0760	311A	-.4077		
109A	.4194	152C	.9994	211A	-.4386	247C	-1.5329	310A	-.2215		
108A	.6883	145C	-2.1184	210A	-.0699	248C	-1.0894	309A	-.1034		
101A	.5252	147C	-1.8882	208A	.6274	249C	-.7526	301A	.5428		
102A	-.3564	151C	-.5665	201A	.7209	250C	-.5718	302A	.5825		
103A	-.9955	165D	.6783	202A	-.1140	264D	.2222	303A	-.2092		
104A	-1.3102	164D	.7904	203A	-.6684	263D	.6465	304A	-.5300		
105A	-1.2159	163D	.9350	204A	-.7998	262D	.7136	305A	-.6059		
106A	-1.1471	159D	-.8663	205A	-.8897	261D	.8080	345E	.2345		
107A	-.8668	160D	-.8346	206A	-1.0995	256D	.6794	344E	.2724		
142B	.6624			242B	.6651	257D	-.4827	343E	.2830		
141B	.6448			241B	.6095	258D	-.7481	342E	.2680		
140B	.3607			240B	.4701	259D	-.3461	341E	.2115		
139B	.3792			238B	.4480	260D	-.0824	340E	.1744		
138B	.4092			237B	.3254			339E	.1302		
137B	.3113			236B	.4120			338E	.0710		
136B	.2098			235B	.4694			337E	.1426		
135B	.3183			234B	.5507			336E	.2574		
133B	.5954			233B	.6805			335E	.3837		
132B	.7436			232B	.7857			334E	.5313		
131B	.5107			231B	.4809			333E	.7256		
130B	-.8207			230B	-1.6550			332E	.6143		
115B	-1.1383			218B	-2.4078			331E	-.3477		
116B	-.7610			219B	-3.0672			315E	-2.3090		
117B	-2.2226			221B	-1.9455			317E	-2.7498		
118B	-3.0531			222B	-1.5593			318E	-2.4060		
120B	-2.6281			223B	-1.3759			319E	-2.5400		
121B	-1.8150			224B	-1.2701			320E	-1.5209		
122B	-1.3900			225B	-1.1890			321E	-1.1860		
123B	-1.1749			226B	-1.2851			322E	-1.0172		
124B	-1.0647			227B	-1.1520			323E	-.8556		
125B	-.9474			228B	-1.1661			325E	-.6436		
126B	-.9677			229B	-1.3257			326E	-.5235		
127B	-.9192			255C	.6095			327E	-.3786		
128B	-.9897			254C	.7136			328E	-.2496		
129B	-1.1828			253C	.7418			329E	-.2231		
157C	.2442			252C	.8054			330E	-.2107		
156C	.4842			251C	.8777						

TABLE 222.- TABULATED PRESSURE DATA FOR RUN 199 AT ALPHA = 13.04 DEGREES AND QINF = 13.03 KN/SQM (272.10 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	.0843	155C	.6994	214A	.3060	244C	-.0783	313A	-.1658		
111A	.4523	154C	.7700	213A	-.2656	245C	-2.1105	312A	-.2736		
110A	.4610	153C	.8512	212A	-.3142	246C	-1.8962	311A	-.1941		
109A	.6879	152C	.9977	211A	-.1481	247C	-1.3467	310A	.1697		
108A	.6217	145C	-1.9888	210A	.3639	248C	-.9436	309A	.3410		
101A	-.2099	147C	-1.7083	208A	.7205	249C	-.6340	301A	.7020		
102A	-1.7776	151C	-.4717	201A	.0682	250C	-.4691	302A	-.4906		
103A	-2.3796	165D	.6844	202A	-1.8456	264D	.2158	303A	-1.5631		
104A	-2.5050	164D	.7982	203A	-2.2578	263D	.6482	304A	-1.5569		
105A	-2.0662	163D	.9439	204A	-2.0071	262D	.7153	305A	-1.4342		
106A	-1.8403	159D	-.7751	205A	-1.8358	261D	.8053	345E	.1787		
107A	-1.3574	160D	-.7363	206A	-1.9833	256D	.6961	344E	.2353		
142B	.6438			242B	.6500	257D	-.3959	343E	.2565		
141B	.5909			241B	.6826	258D	-.6640	342E	.2450		
140B	.4188			240B	.4982	259D	-.3235	341E	.2052		
139B	.4179			238B	.5052	260D	-.1268	340E	.1796		
138B	.4435			237B	.4049			339E	.1514		
137B	.3596			236B	.5039			338E	.1134		
136B	.2934			235B	.5648			337E	.2105		
135B	.4099			234B	.6470			336E	.3307		
133B	.6535			233B	.7468			335E	.4606		
132B	.7338			232B	.7733			334E	.5904		
131B	.6050			231B	.4659			333E	.7141		
130B	-.2952			230B	-1.4645			332E	.5816		
115B	-.8609			218B	-3.1820			331E	-.2621		
116B	-.8701			219B	-3.9507			315E	-2.9225		
117B	-2.9763			221B	-2.4280			317E	-3.7338		
118B	-3.9516			222B	-1.9164			318E	-3.1670		
120B	-3.1758			223B	-1.6175			319E	-3.1758		
121B	-2.2428			224B	-1.4613			320E	-1.9012		
122B	-1.6254			225B	-1.3317			321E	-1.4521		
123B	-1.3299			226B	-1.3899			322E	-1.2224		
124B	-1.1835			227B	-1.2126			323E	-1.0104		
125B	-1.0009			228B	-1.1844			325E	-.6702		
126B	-.9718			229B	-1.2549			326E	-.5218		
127B	-.9074			255C	.6244			327E	-.4140		
128B	-.9595			254C	.7224			328E	-.3655		
129B	-1.0944			253C	.7488			329E	-.3549		
157C	.2590			252C	.8106			330E	-.3354		
156C	.4964			251C	.8671						

TABLE 223.- TABULATED PRESSURE DATA FOR RUN 199 AT ALPHA = 13.99 DEGREES AND QINF = 13.01 KN/SQM (271.70 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	.1470	155C	.6978	214A	.3972	244C	-.0633	313A	-.0747		
111A	.5643	154C	.7624	213A	-.1810	245C	-2.0674	312A	-.2474		
110A	.5258	153C	.8384	212A	-.2695	246C	-1.8490	311A	-.1367		
109A	.7290	152C	.9896	211A	-.1057	247C	-1.3195	310A	.2404		
108A	.5444	145C	-1.9772	210A	.4321	248C	-.9057	309A	.4074		
101A	-.4743	147C	-1.6855	208A	.6415	249C	-.5981	301A	.6433		
102A	-2.2051	151C	-.4354	201A	-.1943	250C	-.4248	302A	-.8905		
103A	-2.7458	165D	.6872	202A	-2.3058	264D	.2000	303A	-1.9410		
104A	-2.7935	164D	.7933	203A	-2.6168	263D	.6439	304A	-1.7952		
105A	-2.2731	163D	.9357	204A	-2.2776	262D	.7093	305A	-1.6176		
106A	-2.0072	159D	-.7316	205A	-2.0099	261D	.8004	345E	.1643		
107A	-1.5018	160D	-.6830	206A	-2.2192	256D	.7058	344E	.2352		
142B	.6280			242B	.6448	257D	-.3647	343E	.2511		
141B	.5767			241B	.7049	258D	-.6388	342E	.2361		
140B	.4184			240B	.5060	259D	-.3294	341E	.1962		
139B	.4308			238B	.5148	260D	-.1490	340E	.1829		
138B	.4538			237B	.4238			339E	.1519		
137B	.3769			236B	.5185			338E	.1254		
136B	.3167			235B	.5832			337E	.2166		
135B	.4388			234B	.6611			336E	.3441		
133B	.6731			233B	.7549			335E	.4707		
132B	.7394			232B	.7673			334E	.5991		
131B	.6085			231B	.4610			333E	.7089		
130B	-.2297			230B	-1.4216			332E	.5655		
115B	-.7664			218B	-3.3625			331E	-.2757		
116B	-.9170			219B	-4.1330			315E	-3.0453		
117B	-3.1787			221B	-2.4749			317E	-3.9255		
118B	-4.1601			222B	-1.9410			318E	-3.3148		
120B	-3.2909			223B	-1.6572			319E	-3.3148		
121B	-2.3096			224B	-1.4892			320E	-1.9851		
122B	-1.6643			225B	-1.3478			321E	-1.4561		
123B	-1.3566			226B	-1.4185			322E	-1.2143		
124B	-1.1984			227B	-1.2222			323E	-1.0018		
125B	-1.0145			228B	-1.1692			325E	-.6662		
126B	-.9659			229B	-1.1993			326E	-.5237		
127B	-.8960			255C	.6191			327E	-.4555		
128B	-.9349			254C	.7191			328E	-.4157		
129B	-1.0737			253C	.7500			329E	-.4033		
157C	.2672			252C	.8101			330E	-.3820		
156C	.4927			251C	.8685						

TABLE 22f .- TABULATED PRESSURE DATA FOR RUN 199 AT ALPHA = 14.80 DEGREES AND QINF = 13.08 KN/SQM (273.20 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	.1917	155C	.6980	214A	.4483	244C	-.0687	313A	-.0297		
111A	.6048	154C	.7639	213A	-.1266	245C	-2.0215	312A	-.2340		
110A	.5626	153C	.8492	212A	-.2278	246C	-1.8080	311A	-.1318		
109A	.7296	152C	.9802	211A	-.0817	247C	-1.2678	310A	.2822		
108A	.4923	145C	-1.9530	210A	.4659	248C	-.8479	309A	.4510		
101A	-.6407	147C	-1.6701	208A	.5688	249C	-.5545	301A	.5978		
102A	-2.4400	151C	-.4394	201A	-.4262	250C	-.4078	302A	-1.1232		
103A	-2.9717	165D	.6839	202A	-2.7125	264D	.1900	303A	-2.1877		
104A	-3.0008	164D	.7938	203A	-2.9533	263D	.6382	304A	-1.9548		
105A	-2.4347	163D	.9415	204A	-2.5138	262D	.7103	305A	-1.7412		
106A	-2.1270	159D	-.7451	205A	-2.1877	261D	.7982	345E	.1552		
107A	-1.5706	160D	-.6915	206A	-2.3362	256D	.7122	344E	.2291		
142B	.6259			242B	.6488	257D	-.3489	343E	.2502		
141B	.5618			241B	.7077	258D	-.6309	342E	.2406		
140B	.4079			240B	.5108	259D	-.3305	341E	.2045		
139B	.4317			238B	.5205	260D	-.1557	340E	.1851		
138B	.4536			237B	.4316			339E	.1552		
137B	.3728			236B	.5249			338E	.1252		
136B	.3236			235B	.5901			337E	.2221		
135B	.4449			234B	.6720			336E	.3471		
133B	.6751			233B	.7626			335E	.4774		
132B	.7367			232B	.7635			334E	.5998		
131B	.6136			231B	.4633			333E	.7037		
130B	-.1810			230B	-1.3917			332E	.5558		
115B	-.7128			218B	-3.4541			331E	-.2797		
116B	-.9457			219B	-4.2416			315E	-3.0922		
117B	-3.3110			221B	-2.5582			317E	-4.0281		
118B	-4.3313			222B	-1.9978			318E	-3.3861		
120B	-3.4253			223B	-1.6921			319E	-3.3731		
121B	-2.3456			224B	-1.5216			320E	-2.0348		
122B	-1.6683			225B	-1.3582			321E	-1.5194		
123B	-1.3556			226B	-1.4145			322E	-1.2552		
124B	-1.1799			227B	-1.2028			323E	-1.0237		
125B	-.9955			228B	-1.1518			325E	-.6645		
126B	-.9638			229B	-1.1720			326E	-.5351		
127B	-.8971			255C	.6224			327E	-.4787		
128B	-.9366			254C	.7235			328E	-.4312		
129B	-1.0552			253C	.7507			329E	-.4277		
157C	.2743			252C	.8096			330E	-.4013		
156C	.4994			251C	.8650						

TABLE 225.- TABULATED PRESSURE DATA FOR RUN 199 AT ALPHA = 15.84 DEGREES AND QINF = 13.14 KN/SQM (274.50 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	.2095	155C	.6934	214A	.4856	244C	-.0499	313A	.0749		
111A	.6741	154C	.7555	213A	-.0425	245C	-1.9147	312A	-.1476		
110A	.6123	153C	.8421	212A	-.1633	246C	-1.7048	311A	-.0687		
109A	.7338	152C	.9786	211A	-.0433	247C	-1.1782	310A	.3420		
108A	.3788	145C	-1.8570	210A	.5231	248C	-.7864	309A	.5021		
101A	-.9321	147C	-1.5919	208A	.4295	249C	-.5144	301A	.5064		
102A	-2.9014	151C	-.3867	201A	-.7484	250C	-.3911	302A	-1.5459		
103A	-3.3696	165D	.6855	202A	-3.2250	264D	.1938	303A	-2.5848		
104A	-3.2853	164D	.7765	203A	-3.3462	263D	.6461	304A	-2.2158		
105A	-2.5918	163D	.9174	204A	-2.7335	262D	.7144	305A	-1.8975		
106A	-2.2630	159D	-.6911	205A	-2.3837	261D	.8089	345E	.1511		
107A	-1.6719	160D	-.6368	206A	-2.5271	256D	.7101	344E	.2097		
142B	.6173			242B	.6584	257D	-.3333	343E	.2343		
141B	.5648			241B	.7205	258D	-.6167	342E	.2229		
140B	.4291			240B	.5254	259D	-.3351	341E	.1896		
139B	.4396			238B	.5289	260D	-.1636	340E	.1808		
138B	.4668			237B	.4383			339E	.1633		
137B	.3976			236B	.5373			338E	.1371		
136B	.3486			235B	.6012			337E	.2413		
135B	.4676			234B	.6817			336E	.3665		
133B	.6916			233B	.7650			335E	.4882		
132B	.7371			232B	.7527			334E	.6091		
131B	.6138			231B	.4620			333E	.6975		
130B	-.1247			230B	-1.3438			332E	.5504		
115B	-.6541			218B	-3.5741			331E	-.2456		
116B	-.9845			219B	-4.3463			315E	-3.1532		
117B	-3.4796			221B	-2.5943			317E	-4.1591		
118B	-4.4988			222B	-2.0162			318E	-3.4762		
120B	-3.4675			223B	-1.7022			319E	-3.4155		
121B	-2.3879			224B	-1.5141			320E	-2.0514		
122B	-1.7258			225B	-1.3514			321E	-1.4962		
123B	-1.3951			226B	-1.3855			322E	-1.2413		
124B	-1.2185			227B	-1.1546			323E	-.9900		
125B	-1.0042			228B	-1.0838			325E	-.6949		
126B	-.9517			229B	-1.1004			326E	-.6161		
127B	-.8625			255C	.6321			327E	-.5425		
128B	-.8992			254C	.7266			328E	-.5084		
129B	-1.0016			253C	.7538			329E	-.4611		
157C	.2629			252C	.8176			330E	-.4243		
156C	.4974			251C	.8728						

TABLE 226.- TABULATED PRESSURE DATA FOR RUN 199 AT ALPHA = 16.95 DEGREES AND QINF = 13.11 KN/SQM (273.80 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	.2056	155C	.6932	214A	.5150	244C	-.0574	313A	.1794		
111A	.6941	154C	.7487	213A	.0613	245C	-1.8527	312A	-.0832		
110A	.6537	153C	.8235	212A	-.1096	246C	-1.6256	311A	-.0374		
109A	.7303	152C	.9661	211A	-.0250	247C	-1.1152	310A	.3986		
108A	.2472	145C	-1.7744	210A	.5745	248C	-.7412	309A	.5482		
101A	-1.2292	147C	-1.5007	208A	.2402	249C	-.5150	301A	.3475		
102A	-3.3548	151C	-.3733	201A	-1.1825	250C	-.3936	302A	-2.0897		
103A	-3.7751	165D	.6756	202A	-3.8963	264D	.1836	303A	-3.1174		
104A	-3.6260	164D	.7812	203A	-3.8945	263D	.6474	304A	-2.5701		
105A	-2.8296	163D	.9115	204A	-3.0223	262D	.7196	305A	-2.1530		
106A	-2.4346	159D	-.6734	205A	-2.6598	261D	.8103	345E	.1424		
107A	-1.7888	160D	-.6241	206A	-2.7496	256D	.7109	344E	.2093		
142B	.6034			242B	.6668	257D	-.3513	343E	.2322		
141B	.5418			241B	.7337	258D	-.6514	342E	.2278		
140B	.4344			240B	.5189	259D	-.3610	341E	.1970		
139B	.4467			238B	.5409	260D	-.1797	340E	.1864		
138B	.4643			237B	.4489			339E	.1670		
137B	.4054			236B	.5529			338E	.1485		
136B	.3587			235B	.6145			337E	.2560		
135B	.4784			234B	.6974			336E	.3811		
133B	.7011			233B	.7696			335E	.5053		
132B	.7407			232B	.7467			334E	.6216		
131B	.6175			231B	.4436			333E	.6912		
130B	-.0876			230B	-1.3473			332E	.5441		
115B	-.5990			218B	-3.7463			331E	-.2435		
116B	-1.0198			219B	-4.5224			315E	-3.3162		
117B	-3.6216			221B	-2.6905			317E	-4.4038		
118B	-4.6584			222B	-2.0736			318E	-3.6477		
120B	-3.5789			223B	-1.7374			319E	-3.5501		
121B	-2.4555			224B	-1.5508			320E	-2.1654		
122B	-1.7427			225B	-1.3643			321E	-1.5473		
123B	-1.3836			226B	-1.3775			322E	-1.2821		
124B	-1.1971			227B	-1.1407			323E	-1.0390		
125B	-.9841			228B	-1.0422			325E	-.7192		
126B	-.9190			229B	-1.0387			326E	-.6549		
127B	-.8274			255C	.6316			327E	-.6029		
128B	-.8600			254C	.7275			328E	-.5095		
129B	-.9489			253C	.7522			329E	-.5025		
157C	.2698			252C	.8129			330E	-.4496		
156C	.5004			251C	.8728						

TABLE 227.- TABULATED PRESSURE DATA FOR RUN 199 AT ALPHA = 18.07 DEGREES AND QINF = 13.19 KN/SQM (275.50 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	.2289	155C	.6903	214A	.5265	244C	-.0517	313A	.2431		
111A	.6903	154C	.7479	213A	.1417	245C	-1.7639	312A	-.0158		
110A	.6775	153C	.8196	212A	-.0499	246C	-1.5316	311A	.0070		
109A	.6993	152C	.9620	211A	.0061	247C	-1.0304	310A	.4435		
108A	.1398	145C	-1.7167	210A	.6120	248C	-.6725	309A	.5788		
101A	-1.5145	147C	-1.4129	208A	.0673	249C	-.4629	301A	.2026		
102A	-3.6978	151C	-.3599	201A	-1.5433	250C	-.3817	302A	-2.5132		
103A	-4.0871	165D	.6702	202A	-4.4158	264D	.1721	303A	-3.5204		
104A	-3.8474	164D	.7768	203A	-4.2965	263D	.6439	304A	-2.7821		
105A	-2.9864	163D	.9044	204A	-3.2666	262D	.7174	305A	-2.3439		
106A	-2.5377	159D	-.6786	205A	-2.8441	261D	.8056	345E	.1373		
107A	-1.8698	160D	-.6253	206A	-2.9113	256D	.7124	344E	.2099		
142B	.6177			242B	.6728	257D	-.3476	343E	.2309		
141B	.5548			241B	.7305	258D	-.6611	342E	.2256		
140B	.4386			240B	.5277	259D	-.3703	341E	.1941		
139B	.4517			238B	.5531	260D	-.2079	340E	.1906		
138B	.4709			237B	.4565			339E	.1749		
137B	.4071			236B	.5623			338E	.1618		
136B	.3634			235B	.6270			337E	.2676		
135B	.4910			234B	.7040			336E	.3979		
133B	.7077			233B	.7748			335E	.5230		
132B	.7375			232B	.7469			334E	.6314		
131B	.6212			231B	.4539			333E	.6953		
130B	-.0464			230B	-1.2926			332E	.5387		
115B	-.5497			218B	-3.8396			331E	-.2187		
116B	-1.0519			219B	-4.6624			315E	-3.4045		
117B	-3.6874			221B	-2.7226			317E	-4.5499		
118B	-4.7091			222B	-2.1027			318E	-3.7393		
120B	-3.5637			223B	-1.7630			319E	-3.5931		
121B	-2.4449			224B	-1.5482			320E	-2.1719		
122B	-1.7176			225B	-1.3430			321E	-1.6075		
123B	-1.3823			226B	-1.3465			322E	-1.2926		
124B	-1.1702			227B	-1.1055			323E	-1.0792		
125B	-.9440			228B	-1.0086			325E	-.8046		
126B	-.8759			229B	-.9772			326E	-.7425		
127B	-.7938			255C	.6335			327E	-.6761		
128B	-.8139			254C	.7296			328E	-.5711		
129B	-.8873			253C	.7576			329E	-.5029		
157C	.2778			252C	.8152			330E	-.4959		
156C	.4954			251C	.8738						

TABLE 228.- TABULATED PRESSURE DATA FOR RUN 199 AT ALPHA = 19.08 DEGREES AND QINF = 13.12 KN/SQM (274.10 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	.2694	155C	.6729	214A	.5391	244C	-.0830	313A	.2971		
111A	.6965	154C	.7332	213A	.1835	245C	-1.7544	312A	.0420		
110A	.6629	153C	.8232	212A	-.0437	246C	-1.4935	311A	.0498		
109A	.7057	152C	.9646	211A	.0280	247C	-1.0198	310A	.4798		
108A	.2600	145C	-1.5110	210A	.6228	248C	-.6814	309A	.6010		
101A	-1.2715	147C	-1.2405	208A	.0533	249C	-.4589	301A	.0664		
102A	-3.4471	151C	-.5627	201A	-1.5837	250C	-.3891	302A	-2.8954		
103A	-3.4160	165D	.6301	202A	-4.5059	264D	.1943	303A	-3.7945		
104A	-3.5378	164D	.7542	203A	-4.4108	263D	.6502	304A	-2.9129		
105A	-2.4916	163D	.9210	204A	-3.2303	262D	.7245	305A	-2.4419		
106A	-2.2666	159D	-.8881	205A	-2.8466	261D	.8057	345E	.1451		
107A	-1.6814	160D	-.9806	206A	-2.8928	256D	.7135	344E	.2123		
142B	.6511			242B	.6764	257D	-.3447	343E	.2412		
141B	.5856			241B	.7306	258D	-.6578	342E	.2359		
140B	.4118			240B	.5297	259D	-.3508	341E	.2053		
139B	.4214			238B	.5533	260D	-.1955	340E	.1940		
138B	.4537			237B	.4561			339E	.1887		
137B	.3777			236B	.5653			338E	.1783		
136B	.3288			235B	.6300			337E	.2849		
135B	.4642			234B	.7051			336E	.4098		
133B	.6922			233B	.7750			335E	.5339		
132B	.7358			232B	.7418			334E	.6361		
131B	.6240			231B	.4509			333E	.6868		
130B	-.0223			230B	-1.2774			332E	.5347		
115B	-.5061			218B	-3.8075			331E	-.2071		
116B	-.8415			219B	-4.5664			315E	-3.3719		
117B	-3.0620			221B	-2.6380			317E	-4.5975		
118B	-3.8144			222B	-2.0352			318E	-3.7712		
120B	-2.7751			223B	-1.7343			319E	-3.6459		
121B	-1.9559			224B	-1.5118			320E	-2.2117		
122B	-1.3993			225B	-1.3077			321E	-1.5771		
123B	-1.1036			226B	-1.3269			322E	-1.3115		
124B	-1.0076			227B	-1.0757			323E	-1.0738		
125B	-.7651			228B	-.9806			325E	-.8851		
126B	-.7049			229B	-.9693			326E	-.7872		
127B	-.7093			255C	.6345			327E	-.6894		
128B	-.7259			254C	.7306			328E	-.5732		
129B	-.8436			253C	.7568			329E	-.5373		
157C	.2065			252C	.8144			330E	-.4657		
156C	.4319			251C	.8738						

TABLE 229.- TABULATED PRESSURE DATA FOR RUN 199 AT ALPHA = 21.12 DEGREES AND QINF = 13.04 KN/SQM (272.40 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	.2815	155C	.6554	214A	.5446	244C	-.0807	313A	.3737		
111A	.6835	154C	.7167	213A	.3123	245C	-1.5584	312A	.1703		
110A	.6837	153C	.8078	212A	.0782	246C	-1.3430	311A	.1571		
109A	.6898	152C	.9655	211A	.0958	247C	-.8869	310A	.5707		
108A	.1200	145C	-1.5155	210A	.6810	248C	-.5963	309A	.6364		
101A	-1.4572	147C	-1.2380	208A	-.3535	249C	-.4510	301A	-.2774		
102A	-3.5262	151C	-.6120	201A	-2.3220	250C	-.3941	302A	-3.7578		
103A	-3.7483	165D	.6055	202A	-5.5334	264D	.1632	303A	-4.5107		
104A	-3.3145	164D	.7360	203A	-5.0581	263D	.6397	304A	-3.2384		
105A	-2.5986	163D	.9120	204A	-3.7925	262D	.7080	305A	-2.6651		
106A	-2.1784	159D	-.9701	205A	-3.1902	261D	.8017	345E	.0686		
107A	-1.5964	160D	-1.0156	206A	-3.1885	256D	.7195	344E	.1615		
142B	.6449			242B	.6747	257D	-.3468	343E	.2053		
141B	.5600			241B	.7579	258D	-.6751	342E	.2036		
140B	.4111			240B	.5486	259D	-.3818	341E	.1738		
139B	.4225			238B	.5670	260D	-.2102	340E	.1685		
138B	.4557			237B	.4833			339E	.1738		
137B	.3857			236B	.5867			338E	.1694		
136B	.3524			235B	.6498			337E	.2974		
135B	.4820			234B	.7287			336E	.4263		
133B	.7010			233B	.7857			335E	.5551		
132B	.7343			232B	.7349			334E	.6559		
131B	.6327			231B	.4534			333E	.6910		
130B	.0625			230B	-1.2245			332E	.5385		
115B	-.3850			218B	-3.9790			331E	-.1681		
116B	-.8393			219B	-4.7128			315E	-3.4499		
117B	-3.0353			221B	-2.7061			317E	-4.6816		
118B	-3.7266			222B	-2.0644			318E	-3.8081		
120B	-2.6791			223B	-1.7055			319E	-3.6069		
121B	-1.8000			224B	-1.4665			320E	-2.1513		
122B	-1.2958			225B	-1.2555			321E	-1.4419		
123B	-.9824			226B	-1.2511			322E	-1.2955		
124B	-.9071			227B	-.9894			323E	-1.1316		
125B	-.7626			228B	-.8659			325E	-1.1149		
126B	-.6672			229B	-.8187			326E	-1.0886		
127B	-.6768			255C	.6309			327E	-1.0097		
128B	-.7311			254C	.7272			328E	-.9177		
129B	-.7618			253C	.7553			329E	-.8300		
157C	.1685			252C	.8148			330E	-.7774		
156C	.4260			251C	.8674						

TABLE 230.- TABULATED PRESSURE DATA FOR RUN 199 AT ALPHA = 25.11 DEGREES AND QINF = 13.03 KN/SQM (272.10 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	.3621	155C	.6579	214A	.5462	244C	-.0286	313A	.4226		
111A	.6631	154C	.7222	213A	.5027	245C	-1.6473	312A	.3460		
110A	.7260	153C	.8006	212A	.3077	246C	-1.4960	311A	.3669		
109A	.5669	152C	.9450	211A	.2694	247C	-1.1205	310A	.6825		
108A	-.3190	145C	-1.4213	210A	.7512	248C	-.8762	309A	.6338		
101A	-2.2697	147C	-1.2248	208A	-.9649	249C	-.8197	301A	-1.1596		
102A	-4.4069	151C	-.6250	201A	-3.5565	250C	-.6815	302A	-5.9482		
103A	-4.4939	165D	.6065	202A	-6.8459	264D	.0254	303A	-6.1566		
104A	-3.9950	164D	.7336	203A	-6.0257	263D	.5926	304A	-4.0131		
105A	-2.8809	163D	.8980	204A	-4.2552	262D	.6753	305A	-3.2521		
106A	-2.3254	159D	-.9797	205A	-3.5565	261D	.7753	345E	.0396		
107A	-1.6456	160D	-.9171	206A	-3.2981	256D	.6529	344E	.1301		
142B	.6213			242B	.6344	257D	-.4433	343E	.1684		
141B	.5552			241B	.7666	258D	-1.0153	342E	.1762		
140B	.4534			240B	.5430	259D	-.6893	341E	.1640		
139B	.4630			238B	.5700	260D	-.4355	340E	.1806		
138B	.4830			237B	.4940			339E	.1876		
137B	.4291			236B	.6019			338E	.2050		
136B	.3995			235B	.6733			337E	.3286		
135B	.5387			234B	.7464			336E	.4714		
133B	.7301			233B	.7943			335E	.5889		
132B	.7362			232B	.7308			334E	.6751		
131B	.6483			231B	.4661			333E	.6838		
130B	.1672			230B	-1.0835			332E	.5288		
115B	-.3026			218B	-3.8744			331E	-.1589		
116B	-.8719			219B	-4.5283			315E	-3.6056		
117B	-3.0208			221B	-2.5158			317E	-4.8686		
118B	-3.6926			222B	-1.8846			318E	-3.8718		
120B	-2.5097			223B	-1.4743			319E	-3.3670		
121B	-1.6204			224B	-1.2083			320E	-2.0402		
122B	-1.1848			225B	-1.0683			321E	-1.3777		
123B	-.8597			226B	-.9736			322E	-1.2463		
124B	-.8545			227B	-.8684			323E	-1.1566		
125B	-.6815			228B	-.8223			325E	-1.1479		
126B	-.6945			229B	-.8884			326E	-1.1348		
127B	-.7145			255C	.6013			327E	-1.0922		
128B	-.7371			254C	.6970			328E	-.9860		
129B	-.7823			253C	.7310			329E	-.9294		
157C	.1646			252C	.7918			330E	-.8780		
156C	.4299			251C	.8449						

TABLE 231.- TABULATED PRESSURE DATA FOR RUN 199 AT ALPHA = .82 DEGREES AND QINF = 13.05 KN/SQM (272.50 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	-.1208	155C	.6683	214A	-.4861	244C	-.1818	313A	-.5791		
111A	-.0024	154C	.7428	213A	-.4045	245C	-2.1050	312A	-.5818		
110A	-.3540	153C	.8348	212A	-.4975	246C	-1.9343	311A	-.5642		
109A	-.3899	152C	.9812	211A	-.4721	247C	-1.4727	310A	-.7667		
108A	-.1262	145C	-2.1742	210A	-.6878	248C	-1.0795	309A	-1.1163		
101A	.5116	147C	-1.9457	208A	-1.1925	249C	-.7922	301A	-1.5123		
102A	.6965	151C	-.6425	201A	-.2664	250C	-.6250	302A	.2759		
103A	.4012	165D	.6411	202A	.7429	264D	.1817	303A	.7044		
104A	.0525	164D	.7647	203A	.6483	263D	.6270	304A	.5134		
105A	-.1183	163D	.9199	204A	.4196	262D	.6981	305A	.3601		
106A	-.2471	159D	-.9586	205A	.1752	261D	.8015	345E	.2537		
107A	-.2708	160D	-.9148	206A	-.0772	256D	.6922	344E	.2958		
142B	.6262			242B	.6726	257D	-.5304	343E	.2993		
141B	.6306			241B	.4789	258D	-.8369	342E	.2783		
140B	.3062			240B	.3938	259D	-.4060	341E	.2063		
139B	.3272			238B	.3377	260D	-.1398	340E	.1458		
138B	.3483			237B	.1870			339E	.0791		
137B	.2255			236B	.2502			338E	-.0245		
136B	.0704			235B	.2853			337E	.0001		
135B	.1598			234B	.3616			336E	.0957		
133B	.5078			233B	.5468			335E	.2186		
132B	-.2356			232B	.7759			334E	.4117		
131B	-.3706			231B	-.0412			333E	.7434		
130B	-.4662			230B	-1.7928			332E	.0571		
115B	-.3022			218B	-1.1390			331E	-1.2338		
116B	-.3207			219B	-1.5859			315E	-1.1609		
117B	-.7360			221B	-1.1653			317E	-1.2407		
118B	-1.3817			222B	-1.0103			318E	-1.2056		
120B	-1.5333			223B	-.9192			319E	-1.4194		
121B	-1.1706			224B	-.8859			320E	-.8806		
122B	-.9543			225B	-.8807			321E	-.7116		
123B	-.8658			226B	-1.0261			322E	-.6484		
124B	-.8316			227B	-.9674			323E	-.5791		
125B	-.7984			228B	-1.0217			325E	-.4756		
126B	-.8684			229B	-1.2222			326E	-.4124		
127B	-.8535			255C	.5841			327E	-.3115		
128B	-.9648			254C	.6928			328E	-.1877		
129B	-1.2284			253C	.7200			329E	-.1280		
157C	.1992			252C	.7901			330E	-.1026		
156C	.4464			251C	.8865						

RUN NUMBER 199 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

MACH	Q,PSF	P	ALPHA,DEG	UNCORRECTED CL	UNCORRECTED CD	UNCORRECTED CM	UNCORRECTED L/D	CORRECTED FOR STRUT INTERFERENCE CL	CORRECTED FOR STRUT INTERFERENCE CD	CORRECTED FOR STRUT INTERFERENCE CM	CORRECTED FOR STRUT INTERFERENCE L/D	ISUBT
.202	273.40	4.25	-5.87	.4070	.1411	-.4132	2.88	.0670	.1441	-.3678	.47	OFF
.202	273.40	4.24	-3.89	.7700	.1259	-.4995	6.12	.4662	.1281	-.4663	3.64	OFF
.202	272.50	4.23	-1.63	1.0580	.1314	-.5327	8.05	.8117	.1327	-.5192	6.12	OFF
.202	271.50	4.22	.85	1.3470	.1449	-.5065	9.30	1.1882	.1463	-.5326	8.12	OFF
.201	269.40	4.20	2.82	1.5290	.1627	-.4766	9.40	1.4202	.1670	-.5209	8.51	OFF
.201	270.80	4.21	4.55	1.6880	.1818	-.4496	9.28	1.5967	.1878	-.4977	8.50	OFF
.201	270.60	4.21	6.68	1.9060	.2023	-.4062	9.42	1.8218	.2091	-.4561	8.71	OFF
.202	271.40	4.21	8.77	2.0700	.2338	-.3697	8.85	1.9959	.2417	-.4199	8.26	OFF
.201	270.40	4.20	10.75	2.2690	.2582	-.3173	8.79	2.2111	.2671	-.3661	8.28	OFF
.202	272.10	4.21	13.04	2.4440	.2904	-.2528	8.42	2.4217	.2980	-.2841	8.13	OFF
.202	271.70	4.20	13.99	2.5170	.3066	-.2266	8.21	2.5079	.3121	-.2378	8.03	OFF
.202	273.20	4.21	14.80	2.5540	.3234	-.2064	7.90	2.5511	.3274	-.2083	7.79	OFF
.203	274.50	4.22	15.84	2.6000	.3394	-.1651	7.66	2.5999	.3415	-.1670	7.61	OFF
.202	273.80	4.20	16.95	2.6510	.3585	-.1342	7.39	2.6510	.3593	-.1477	7.38	OFF
.203	275.50	4.21	18.07	2.6540	.3800	-.1032	6.98	2.6540	.3800	-.1246	6.98	OFF
.203	274.10	4.21	19.08	2.4790	.4288	-.1798	5.78	2.4790	.4288	-.2050	5.78	OFF
.202	272.50	4.20	19.85	2.4790	.4451	-.1683	5.57	2.4790	.4451	-.1943	5.57	OFF
.202	272.40	4.20	21.12	2.5020	.4840	-.1431	5.17	2.5020	.4840	-.1690	5.17	OFF
.202	273.40	4.22	22.90	2.4700	.5580	-.0599	4.43	2.4700	.5580	-.0840	4.43	OFF
.202	272.10	4.21	25.11	2.4720	.6177	-.0134	4.00	2.4720	.6177	-.0330	4.00	OFF
.202	272.50	4.20	.82	1.3300	.1461	-.5014	9.10	1.1702	.1475	-.5271	7.93	OFF

LANDING WING CONFIGURATION, ASPECT RATIO 10, INBOARD SLATS -40, OUTBOARD SLATS -50, FLAPS 45

Table 232 . Tabulated longitidinal data for run 199.

TABLE 233.- TABULATED PRESSURE DATA FOR RUN 130 AT ALPHA = 13.91 DEGREES AND QINF = 13.27 KN/SQM (277.20 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	-.1625	155C	.6935	214A	.3743	244C	-.0741	313A	-.0914		
111A	.3942	154C	.7622	213A	-.1791	245C	-2.1119	312A	-.2642		
110A	.2520	153C	.8483	212A	-.2808	246C	-1.9012	311A	-.1609		
109A	.5224	152C	.9884	211A	-.1140	247C	-1.3343	310A	.2294		
108A	.7093	144C	-.5426	210A	.4172	248C	-.9171	309A	.4181		
101A	.4172	145C	-1.8794	208A	.6702	249C	-.6010	301A	.6520		
102A	-.6279	147C	-1.5825	201A	-.0975	250C	-.4312	302A	-.8000		
103A	-1.3304	148C	-1.1801	202A	-2.1483	264D	.2116	303A	-1.8364		
104A	-1.7042	149C	-.7795	203A	-2.4688	263D	.6465	304A	-1.7425		
105A	-1.6686	150C	-.5060	204A	-2.1784	262D	.7248	305A	-1.5921		
106A	-1.6799	151C	-.4024	205A	-1.9433	261D	.8135	345E	.1588		
107A	-1.5694	165D	.6857	206A	-2.1440	256D	.5347	344E	.2222		
142B	.6552	164D	.8022	242B	.6526	257D	-.4642	343E	.2396		
141B	.5900	163D	.9553	241B	.6926	258D	-.6410	342E	.2361		
140B	.4064	159D	-.9241	240B	.5091	259D	-.3153	341E	.1936		
139B	.4325	160D	-.6715	238B	.5143	260D	-.1316	340E	.1736		
138B	.4438			237B	.4038			339E	.1414		
137B	.3742			236B	.5106			338E	.1128		
136B	.3194			235B	.5654			337E	.2083		
135B	.4421			234B	.6505			336E	.3308		
133B	.7039			233B	.7513			335E	.4611		
132B	.6926			232B	.7495			334E	.5897		
131B	.2585			231B	.4637			333E	.7026		
130B	-1.2934			230B	-1.4161			332E	.5584		
115B	-1.6874			218B	-3.2822			331E	-.2929		
116B	-2.0520			219B	-4.0525			315E	-3.0030		
117B	-4.0697			221B	-2.4715			317E	-3.9008		
118B	-4.6780			222B	-1.9482			318E	-3.3046		
120B	-3.4071			223B	-1.6661			320E	-2.0163		
121B	-2.3540			224B	-1.4954			321E	-1.4987		
122B	-1.6861			225B	-1.3586			322E	-1.2589		
123B	-1.3700			226B	-1.4388			323E	-1.0409		
124B	-1.1923			227B	-1.2324			325E	-.7073		
125B	-1.0016			228B	-1.1766			326E	-.5622		
126B	-.9589			229B	-1.2524			327E	-.4910		
127B	-.8823			255C	.6100			328E	-.4354		
128B	-.9171			254C	.7187			329E	-.4006		
129B	-1.0077			253C	.7500			330E	-.3685		
157C	.1463			252C	.8144						
156C	.4430			251C	.8701						

TABLE 234.- TABULATED PRESSURE DATA FOR RUN 130 AT ALPHA = 15.10 DEGREES AND QINF = 13.27 KN/SQM (277.20 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	-.1148	155C	.6925	214A	.4671	244C	-.0581	313A	.0255		
111A	.4781	154C	.7637	213A	-.0847	245C	-2.0286	312A	-.1879		
110A	.3385	153C	.8392	212A	-.2105	246C	-1.8026	311A	-.1020		
109A	.6058	152C	.9850	211A	-.0595	247C	-1.2490	310A	.3125		
108A	.7099	144C	-.4993	210A	.4999	248C	-.8395	309A	.4895		
101A	.2500	145C	-1.8052	208A	.5529	249C	-.5405	301A	.5581		
102A	-.9805	147C	-1.5088	201A	-.4546	250C	-.3962	302A	-1.3198		
103A	-1.6791	148C	-1.1090	202A	-2.7520	264D	.1960	303A	-2.3573		
104A	-2.0236	149C	-.7231	203A	-2.9808	263D	.6421	304A	-2.0869		
105A	-1.8986	150C	-.4545	204A	-2.5327	262D	.7237	305A	-1.8223		
106A	-1.8795	151C	-.3649	205A	-2.1758	261D	.8071	345E	.1478		
107A	-1.7199	165D	.6925	206A	-2.3659	256D	.5391	344E	.2129		
142B	.6387	164D	.7966	242B	.6517	257D	-.4388	343E	.2337		
141B	.5953	163D	.9529	241B	.6977	258D	-.6266	342E	.2303		
140B	.4234	159D	-.8891	240B	.5171	259D	-.3197	341E	.1886		
139B	.4382	160D	-.6318	238B	.5249	260D	-.1537	340E	.1747		
138B	.4677			237B	.4324			339E	.1530		
137B	.3904			236B	.5322			338E	.1314		
136B	.3470			235B	.5946			337E	.2303		
135B	.4677			234B	.6736			336E	.3569		
133B	.7124			233B	.7594			335E	.4792		
132B	.6925			232B	.7603			334E	.6076		
131B	.2784			231B	.4628			333E	.6987		
130B	-1.2172			230B	-1.3660			332E	.5495		
115B	-1.7093			218B	-3.4710			331E	-.2616		
116B	-2.1767			219B	-4.2424			315E	-3.1184		
117B	-4.3301			221B	-2.5641			317E	-4.1168		
118B	-4.9244			222B	-2.0060			318E	-3.4546		
120B	-3.5114			223B	-1.7070			320E	-2.0861		
121B	-2.4313			224B	-1.5332			321E	-1.5387		
122B	-1.7175			225B	-1.3750			322E	-1.2784		
123B	-1.3889			226B	-1.4437			323E	-1.0572		
124B	-1.2003			227B	-1.2142			325E	-.6893		
125B	-1.0003			228B	-1.1316			326E	-.5731		
126B	-.9447			229B	-1.1751			327E	-.5193		
127B	-.8578			255C	.6057			328E	-.4638		
128B	-.8830			254C	.7168			329E	-.4430		
129B	-.9569			253C	.7480			330E	-.4204		
157C	.1526			252C	.8105						
156C	.4503			251C	.8626						

TABLE 235.- TABULATED PRESSURE DATA FOR RUN 130 AT ALPHA = 15.88 DEGREES AND QINF = 13.25 KN/SQM (276.70 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	-.0913	155C	.6934	214A	.4945	244C	-.0571	313A	.0876		
111A	.5020	154C	.7665	213A	-.0168	245C	-1.9727	312A	-.1402		
110A	.3835	153C	.8430	212A	-.1759	246C	-1.7541	311A	-.0750		
109A	.6533	152C	.9805	211A	-.0585	247C	-1.2209	310A	.3461		
108A	.6924	144C	-.5062	210A	.5419	248C	-.8097	309A	.5280		
101A	.1355	145C	-1.7619	208A	.4427	249C	-.5231	301A	.4941		
102A	-1.2010	147C	-1.4727	201A	-.7155	250C	-.3872	302A	-1.5804		
103A	-1.9041	148C	-1.0781	202A	-3.1307	264D	.1880	303A	-2.6236		
104A	-2.2054	149C	-.7061	203A	-3.2937	263D	.6412	304A	-2.2537		
105A	-2.0382	150C	-.4412	204A	-2.7530	262D	.7247	305A	-1.9346		
106A	-1.9964	151C	-.3541	205A	-2.3580	261D	.8074	345E	.1371		
107A	-1.7353	165D	.6882	206A	-2.4951	256D	.5397	344E	.2076		
142B	.6377	164D	.7961	242B	.6543	257D	-.4395	343E	.2310		
141B	.5708	163D	.9570	241B	.7056	258D	-.6303	342E	.2232		
140B	.4394	159D	-.8812	240B	.5220	259D	-.3324	341E	.1858		
139B	.4498	160D	-.6338	238B	.5281	260D	-.1773	340E	.1711		
138B	.4681			237B	.4371			339E	.1545		
137B	.3985			236B	.5423			338E	.1302		
136B	.3541			235B	.6023			337E	.2397		
135B	.4768			234B	.6840			336E	.3658		
133B	.7230			233B	.7684			335E	.4893		
132B	.6908			232B	.7579			334E	.6093		
131B	.2889			231B	.4614			333E	.6944		
130B	-1.1769			230B	-1.3444			332E	.5475		
115B	-1.7137			218B	-3.5878			331E	-.2498		
116B	-2.2502			219B	-4.3674			315E	-3.2040		
117B	-4.5096			221B	-2.6214			317E	-4.2440		
118B	-5.1349			222B	-2.0381			318E	-3.5403		
120B	-3.6249			223B	-1.7314			320E	-2.1398		
121B	-2.5098			224B	-1.5415			321E	-1.5618		
122B	-1.7575			225B	-1.3751			322E	-1.2801		
123B	-1.4091			226B	-1.4431			323E	-1.0523		
124B	-1.2174			227B	-1.2096			325E	-.7158		
125B	-1.0023			228B	-1.1268			326E	-.6236		
126B	-.9413			229B	-1.1486			327E	-.5628		
127B	-.8577			255C	.6108			328E	-.4845		
128B	-.8716			254C	.7169			329E	-.4758		
129B	-.9369			253C	.7465			330E	-.4471		
157C	.1593			252C	.8100						
156C	.4490			251C	.8613						

TABLE 236.- TABULATED PRESSURE DATA FOR RUN 130 AT ALPHA = 16.91 DEGREES AND QINF = 13.27 KN/SQM (277.10 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	-.0749	155C	.6863	214A	.5128	244C	-.0568	313A	.1534		
111A	.5300	154C	.7456	213A	.0688	245C	-1.9094	312A	-.0821		
110A	.4359	153C	.8381	212A	-.1257	246C	-1.6953	311A	-.0490		
109A	.6741	152C	.9638	211A	-.0394	247C	-1.1500	310A	.3940		
108A	.6610	144C	-.4816	210A	.5808	248C	-.7655	309A	.5668		
101A	-.0344	145C	-1.7285	208A	.2806	249C	-.5086	301A	.3312		
102A	-1.5222	147C	-1.4052	201A	-1.0789	250C	-.4020	302A	-2.1547		
103A	-2.2447	148C	-1.0250	202A	-3.7356	264D	.1852	303A	-3.1250		
104A	-2.5162	149C	-.6668	203A	-3.7719	263D	.6444	304A	-2.5681		
105A	-2.2870	150C	-.4160	204A	-3.0091	262D	.7281	305A	-2.1772		
106A	-2.1789	151C	-.3347	205A	-2.6001	261D	.8154	345E	.1334		
107A	-1.9009	165D	.6697	206A	-2.6944	256D	.5382	344E	.1953		
142B	.6199	164D	.7770	242B	.6609	257D	-.4448	343E	.2154		
141B	.5536	163D	.9333	241B	.7142	258D	-.6607	342E	.2127		
140B	.4375	159D	-.8817	240B	.5169	259D	-.3548	341E	.1831		
139B	.4436	160D	-.6170	238B	.5326	260D	-.1836	340E	.1665		
138B	.4611			237B	.4352			339E	.1534		
137B	.4008			236B	.5442			338E	.1334		
136B	.3589			235B	.6105			337E	.2450		
135B	.4890			234B	.6899			336E	.3724		
133B	.7247			233B	.7658			335E	.4998		
132B	.6819			232B	.7466			334E	.6167		
131B	.2882			231B	.4500			333E	.6908		
130B	-1.1537			230B	-1.3471			332E	.5381		
115B	-1.7673			216B	-3.7295			331E	-.2479		
116B	-2.3986			219B	-4.5303			315E	-3.3326		
117B	-4.7707			221B	-2.6976			317E	-4.4464		
118B	-5.3865			222B	-2.0937			318E	-3.7001		
120B	-3.7442			223B	-1.7564			320E	-2.1997		
121B	-2.5753			224B	-1.5589			321E	-1.6044		
122B	-1.7914			225B	-1.3754			322E	-1.3069		
123B	-1.4340			226B	-1.4244			323E	-1.0766		
124B	-1.2269			227B	-1.1692			325E	-.7748		
125B	-1.0006			228B	-1.0766			326E	-.6841		
126B	-.9307			229B	-1.0853			327E	-.6003		
127B	-.8389			255C	.6094			328E	-.5471		
128B	-.8494			254C	.7203			329E	-.5035		
129B	-.9018			253C	.7491			330E	-.4773		
157C	.1564			252C	.8119						
156C	.4488			251C	.8704						

TABLE 237.- TABULATED PRESSURE DATA FOR RUN 130 AT ALPHA = 18.13 DEGREES AND QINF = 13.30 KN/SQM (277.70 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	-.0409	155C	.6791	214A	.5382	244C	-.0397	313A	.2660		
111A	.5434	154C	.7422	213A	.1830	245C	-1.7985	312A	.0136		
110A	.5018	153C	.8217	212A	-.0487	246C	-1.5510	311A	.0326		
109A	.7136	152C	.9566	211A	.0222	247C	-1.0230	310A	.4637		
108A	.6124	144C	-.4445	210A	.6323	248C	-.6863	309A	.6142		
101A	-.2314	145C	-1.5899	208A	.0799	249C	-.4725	301A	.1404		
102A	-1.8672	147C	-1.2766	201A	-1.4893	250C	-.3816	302A	-2.7125		
103A	-2.5471	148C	-.9200	202A	-4.2976	264D	.1786	303A	-3.5890		
104A	-2.7750	149C	-.5928	203A	-4.2033	263D	.6411	304A	-2.8307		
105A	-2.4665	150C	-.3764	204A	-3.1820	262D	.7249	305A	-2.3800		
106A	-2.3106	151C	-.3055	205A	-2.7904	261D	.8131	345E	.1311		
107A	-2.0176	165D	.6748	206A	-2.8864	256D	.5367	344E	.2037		
142B	.6143	164D	.7578	242B	.6687	257D	-.4405	343E	.2227		
141B	.5624	163D	.9220	241B	.7215	258D	-.6629	342E	.2227		
140B	.4449	159D	-.8404	240B	.5244	259D	-.3687	341E	.1977		
139B	.4492	160D	-.5945	238B	.5451	260D	-.1999	340E	.1856		
138B	.4734			237B	.4578			339E	.1752		
137B	.4155			236B	.5667			338E	.1622		
136B	.3852			235B	.6272			337E	.2711		
135B	.5088			234B	.7042			336E	.4008		
133B	.7344			233B	.7802			335E	.5244		
132B	.6826			232B	.7483			334E	.6342		
131B	.3057			231B	.4544			333E	.6903		
130B	-1.0703			230B	-1.2829			332E	.5391		
115B	-1.7462			218B	-3.8495			331E	-.2155		
116B	-2.4708			219B	-4.6352			315E	-3.4013		
117B	-4.8948			221B	-2.7165			317E	-4.6000		
118B	-5.4937			222B	-2.1006			318E	-3.7621		
120B	-3.7741			223B	-1.7596			320E	-2.2284		
121B	-2.5979			224B	-1.5354			321E	-1.6217		
122B	-1.7751			225B	-1.3484			322E	-1.3287		
123B	-1.3978			226B	-1.3813			323E	-1.1127		
124B	-1.1900			227B	-1.1173			325E	-.9009		
125B	-.9581			228B	-1.0117			326E	-.7816		
126B	-.8655			229B	-.9892			327E	-.6969		
127B	-.7789			255C	.6126			328E	-.6113		
128B	-.7798			254C	.7215			329E	-.5612		
129B	-.8040			253C	.7526			330E	-.5405		
157C	.1691			252C	.8131						
156C	.4449			251C	.8684						

TABLE 238.- TABULATED PRESSURE DATA FOR RUN 130 AT ALPHA = 18.99 DEGREES AND QINF = 13.30 KN/SQM (277.80 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	-.0281	155C	.6781	214A	.5456	244C	-.0296	313A	.2948		
111A	.5514	154C	.7394	213A	.2612	245C	-1.6764	312A	.0810		
110A	.5514	153C	.8118	212A	-.0086	246C	-1.4579	311A	.0802		
109A	.7273	152C	.9265	211A	.0638	247C	-.9968	310A	.5074		
108A	.5703	144C	-.3817	210A	.6721	248C	-.6462	309A	.6393		
101A	-.4102	145C	-1.5184	208A	-.0997	249C	-.5710	301A	-.0290		
102A	-2.1526	147C	-1.2040	201A	-1.8314	250C	-.3802	302A	-3.1841		
103A	-2.8209	148C	-.8664	202A	-4.2960	264D	.1685	303A	-4.0251		
104A	-2.9773	149C	-.5486	203A	-4.6422	263D	.6411	304A	-3.0388		
105A	-2.5671	150C	-.3500	204A	-3.4397	262D	.7161	305A	-2.5551		
106A	-2.4474	151C	-.2956	205A	-2.9782	261D	.8040	345E	.1353		
107A	-2.1227	165D	.6635	206A	-3.0183	256D	.5412	344E	.2129		
142B	.6048	164D	.7704	242B	.6600	257D	-.4424	343E	.2301		
141B	.5531	163D	.9170	241B	.7351	258D	-.6738	342E	.2301		
140B	.4513	159D	-.8327	240B	.5376	259D	-.6177	341E	.2043		
139B	.4582	160D	-.6142	238B	.5600	260D	-.2101	340E	.1905		
138B	.4772			237B	.4715			339E	.1879		
137B	.4255			236B	.5783			338E	.1715		
136B	.3944			235B	.6421			337E	.2887		
135B	.5203			234B	.7180			336E	.4154		
133B	.7385			233B	.7826			335E	.5361		
132B	.6824			232B	.7481			334E	.6395		
131B	.3185			231B	.4577			333E	.6861		
130B	-1.0044			230B	-1.2497			332E	.5309		
115B	-1.7382			218B	-3.8849			331E	-.2094		
116B	-2.5637			219B	-4.6917			315E	-3.4687		
117B	-5.0695			221B	-2.7543			317E	-4.6994		
118B	-5.6378			222B	-2.1039			318E	-3.8491		
120B	-3.8311			223B	-1.7533			320E	-2.2774		
121B	-2.5983			224B	-1.5305			321E	-1.6643		
122B	-1.7774			225B	-1.3146			322E	-1.3851		
123B	-1.3949			226B	-1.3422			323E	-1.1575		
124B	-1.1678			227B	-1.0736			325E	-.9464		
125B	-.9260			228B	-.9519			326E	-.8507		
126B	-.8362			229B	-.9199			327E	-.7093		
127B	-.7351			255C	.6135			328E	-.6585		
128B	-.7334			254C	.7230			329E	-.5628		
129B	-.7550			253C	.7532			330E	-.5499		
157C	.1754			252C	.8101						
156C	.4487			251C	.8696						

TABLE 239.- TABULATED PRESSURE DATA FOR RUN 130 AT ALPHA = 20.89 DEGREES AND QINF = 13.33 KN/SQM (278.40 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	-.0107	155C	.6770	214A	.5592	244C	-.0573	313A	.3555		
111A	.5272	154C	.7353	213A	.3350	245C	-1.7972	312A	.1621		
110A	.5984	153C	.8055	212A	.0885	246C	-1.6385	311A	.1638		
109A	.7242	152C	.9314	211A	.1185	247C	-1.2467	310A	.5650		
108A	.4631	144C	-.3594	210A	.7002	248C	-.9165	309A	.6600		
101A	-.7152	145C	-1.4473	208A	-.2468	249C	-.7785	301A	-.2057		
102A	-2.5681	147C	-1.1481	201A	-2.1116	250C	-.7167	302A	-3.8139		
103A	-3.1732	148C	-.8171	202A	-5.1844	264D	.0064	303A	-4.3825		
104A	-3.3107	149C	-.5298	203A	-4.8043	263D	.5888	304A	-3.1359		
105A	-2.7769	150C	-.3292	204A	-3.5958	262D	.6830	305A	-2.6207		
106A	-2.6165	151C	-.2923	205A	-2.9958	261D	.7790	345E	.0791		
107A	-2.2456	165D	.6685	206A	-2.9296	256D	.4572	344E	.1715		
142B	.6145	164D	.7618	242B	.6453	257D	-.8136	343E	.1878		
141B	.5477	163D	.9057	241B	.7370	258D	-1.0709	342E	.1912		
140B	.4586	159D	-.8548	240B	.5083	259D	-.7279	341E	.1801		
139B	.4621	160D	-.6207	238B	.5366	260D	-.3626	340E	.1767		
138B	.4809			237B	.4480			339E	.1784		
137B	.4278			236B	.5695			338E	.1707		
136B	.4081			235B	.6414			337E	.2990		
135B	.5374			234B	.7210			336E	.4291		
133B	.7421			233B	.7920			335E	.5507		
132B	.6796			232B	.7484			334E	.6534		
131B	.3379			231B	.4762			333E	.6919		
130B	-.9110			230B	-1.1696			332E	.5404		
115B	-1.7341			218B	-3.7528			331E	-.1699		
116B	-2.6615			219B	-4.4606			315E	-3.4320		
117B	-5.2617			221B	-2.5277			317E	-4.7347		
118B	-5.8150			222B	-1.8881			318E	-3.8300		
120B	-3.8725			223B	-1.6171			320E	-2.1990		
121B	-2.6315			224B	-1.3504			321E	0.0000		
122B	-1.7792			225B	-1.1043			322E	-1.3133		
123B	-1.3779			226B	-1.1858			323E	-1.1576		
124B	-1.1455			227B	-.9740			325E	-1.1627		
125B	-.9122			228B	-.9200			326E	-1.0686		
126B	-.7982			229B	-.9663			327E	-1.0446		
127B	-.7022			255C	.5717			328E	-.9111		
128B	-.7022			254C	.6873			329E	-.8118		
129B	-.7150			253C	.7139			330E	-.7057		
157C	.1794			252C	.7952						
156C	.4475			251C	.8458						

TABLE 240.- TABULATED PRESSURE DATA FOR RUN 130 AT ALPHA = 25.04 DEGREES AND QINF = 13.25 KN/SQM (276.70 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	155C	.6485	214A	.5451	244C	-.0492	313A	.4206		
111A	.5523	154C	.7275	213A	.5330	245C	-1.7380	312A	.3339		
110A	.6324	153C	.8014	212A	.3108	246C	-1.5910	311A	.3640		
109A	.7131	152C	.9320	211A	.2524	247C	-1.2461	310A	.6770		
108A	.3748	144C	-.3301	210A	.7663	248C	-.9245	309A	.6530		
101A	-.8351	145C	-1.4482	208A	-.9296	249C	-.9435	301A	-1.1855		
102A	-2.6505	147C	-1.1644	201A	-3.4556	250C	-.7526	302A	-5.8895		
103A	-2.9952	148C	-.8927	202A	-6.6588	264D	.0282	303A	-6.1754		
104A	-2.9160	149C	-.6855	203A	-6.0137	263D	.5823	304A	-4.0002		
105A	-2.3552	150C	-.6193	204A	-4.3023	262D	.6812	305A	-3.2811		
106A	-2.1944	151C	-.5556	205A	-3.4922	261D	.7808	345E	.0130		
107A	-1.7557	165D	.6073	206A	-3.2803	256D	.4513	344E	.1297		
142B	.6287	164D	.7430	242B	.6330	257D	-.7689	343E	.1606		
141B	.5617	163D	.9226	241B	.7688	258D	-1.1361	342E	.1674		
140B	.4492	159D	-1.3132	240B	.5239	259D	-.6365	341E	.1631		
139B	.4612	160D	-.9804	238B	.5540	260D	-.4903	340E	.1709		
138B	.4792			237B	.4850			339E	.1855		
137B	.4234			236B	.5983			338E	.1949		
136B	.4045			235B	.6695			337E	.3322		
135B	.5471			234B	.7433			336E	.4661		
133B	.7422			233B	.7905			335E	.5820		
132B	.6855			232B	.7287			334E	.6712		
131B	.4148			231B	.4764			333E	.6789		
130B	-.6119			230B	-1.0942			332E	.5193		
115B	-1.3800			218B	-3.9543			331E	-.1553		
116B	-2.0880			219B	-4.6215			315E	-3.6283		
117B	-3.9202			221B	-2.5564			317E	-4.9312		
118B	-4.4436			222B	-1.8842			318E	-3.9236		
120B	-2.5561			223B	-1.5557			320E	-2.1186		
121B	-1.9220			224B	-1.2702			321E	-1.4074		
122B	-1.2307			225B	-1.0810			322E	-1.2495		
123B	-.9417			226B	-1.0793			323E	-1.1293		
124B	-.7870			227B	-.9589			325E	-1.1611		
125B	-.6752			228B	-.8764			326E	-1.1456		
126B	-.7182			229B	-.9650			327E	-1.1182		
127B	-.7336			255C	.5755			328E	-1.0281		
128B	-.7268			254C	.6855			329E	-.9577		
129B	-.8385			253C	.7267			330E	-.8933		
157C	.0136			252C	.7877						
156C	.3504			251C	.8401						

TABLE 241 .- TABULATED PRESSURE DATA FOR RUN 130 AT ALPHA = .69 DEGREES AND QINF = 13.38 KN/SQM (279.50 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	-.2024	155C	.6543	214A	-.4583	244C	-.1920	313A	-.5823		
111A	-.0971	154C	.7356	213A	-.4882	245C	-2.1642	312A	-.5866		
110A	-.6178	153C	.8392	212A	-.4976	246C	-1.9857	311A	-.5780		
109A	-1.0063	152C	.9872	211A	-.4840	247C	-1.5135	310A	-.7599		
108A	-1.0585	144C	-.7081	210A	-.7487	248C	-1.1047	309A	-1.1714		
101A	-.1687	145C	-2.1599	208A	-1.3108	249C	-.8108	301A	-1.6411		
102A	.5971	147C	-1.9703	201A	-.3612	250C	-.6377	302A	.2232		
103A	.7057	148C	-1.5478	202A	.7305	264D	.1776	303A	.6963		
104A	.4927	149C	-1.0945	203A	.6655	263D	.6252	304A	.5226		
105A	.2506	150C	-.7697	204A	.4482	262D	.7142	305A	.3755		
106A	.0367	151C	-.6608	205A	.2121	261D	.8101	345E	.2516		
107A	-.1678	165D	.6466	206A	-.0378	256D	.5330	344E	.2901		
142B	.6312	164D	.7698	242B	.6671	257D	-.6531	343E	.2927		
141B	.6338	163D	.9487	241B	.4600	258D	-.8648	342E	.2739		
140B	.3009	159D	-1.2239	240B	.3847	259D	-.4132	341E	.2037		
139B	.3334	160D	-.9650	238B	.3325	260D	-.1458	340E	.1387		
138B	.3548			237B	.1781			339E	.0669		
137B	.2238			236B	.2397			338E	-.0358		
136B	.0595			235B	.2739			337E	-.0007		
135B	.1519			234B	.3474			336E	.0866		
133B	.6569			233B	.5407			335E	.2089		
132B	-.3085			232B	.7648			334E	.4039		
131B	-.5113			231B	-.1897			333E	.7315		
130B	-.8468			230B	-1.8371			332E	-.0409		
115B	-.5592			218B	-1.1218			331E	-1.3034		
116B	-.5348			219B	-1.5667			315E	-1.1346		
117B	-1.0285			221B	-1.1450			317E	-1.2184		
118B	-1.5478			222B	-.9908			318E	-1.1911		
120B	-1.5949			223B	-.9068			320E	-.8796		
121B	-1.1973			224B	-.8819			321E	-.7192		
122B	-.9616			225B	-.8862			322E	-.6559		
123B	-.8699			226B	-1.0859			323E	-.5815		
124B	-.8399			227B	-.9916			325E	-.4925		
125B	-.7997			228B	-1.0405			326E	-.4266		
126B	-.8794			229B	-1.2487			327E	-.3257		
127B	-.8708			255C	.5610			328E	-.2008		
128B	-.9805			254C	.6877			329E	-.1384		
129B	-1.2230			253C	.7168			330E	-.1119		
157C	.0364			252C	.7904						
156C	.3719			251C	.8879						

TABLE 242.- TABULATED PRESSURE DATA FOR RUN 130 AT ALPHA = -5.87 DEGREES AND QINF = 13.43 KN/SQM (280.40 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	-.4075	155C	.6277	214A	-.5955	244C	-.2851	313A	-.6082		
111A	-.4585	154C	.6981	213A	-.5768	245C	-1.5899	312A	-.5268		
110A	-.4843	153C	.7855	212A	-.5683	246C	-1.4548	311A	-.4809		
109A	-1.3004	152C	.9128	211A	-.5802	247C	-1.2399	310A	-.9662		
108A	-2.3908	144C	-.9481	210A	-.7261	248C	-.9247	309A	-.9008		
101A	-1.6813	145C	-2.2079	208A	-.9271	249C	-.6775	301A	-.9730		
102A	-.2791	147C	-1.9466	201A	-1.0323	250C	-.4873	302A	-.5547		
103A	.5752	148C	-1.5474	202A	.2613	264D	.2594	303A	.5124		
104A	.7686	149C	-1.1074	203A	.7414	263D	.5564	304A	.7347		
105A	.6948	150C	-.7948	204A	.7694	262D	.5717	305A	.6855		
106A	.5336	151C	-.6979	205A	.6430	261D	.6014	345E	.0034		
107A	.2842	165D	.6370	206A	.4437	256D	.0904	344E	-.0127		
142B	.4851	164D	.7583	242B	.0829	257D	-.5229	343E	-.0212		
141B	.3986	163D	.9213	241B	.2670	258D	-.5042	342E	-.0407		
140B	.2543	159D	-1.2552	240B	.0498	259D	-.2188	341E	-.0738		
139B	.2509	160D	-.9740	238B	-.1352	260D	-.0048	340E	-.1018		
138B	.2433			237B	-.2782			339E	-.1527		
137B	.1016			236B	-.3325			338E	-.1959		
136B	-.0444			235B	-.4496			337E	-.2383		
135B	-.0087			234B	-.5251			336E	-.2629		
133B	-.5560			233B	-.5929			335E	-.3868		
132B	-.4517			232B	-.6226			334E	-.6039		
131B	-.4372			231B	-.5980			333E	-.8118		
130B	-.5450			230B	-.6277			332E	-.6956		
115B	-.5959			218B	-.2621			331E	-.6438		
116B	-.5564			219B	-.4852			315E	-.5955		
117B	.3623			221B	-.4244			317E	.0492		
118B	-.3766			222B	-.4006			318E	-.3028		
120B	-.7346			223B	-.4159			320E	-.2782		
121B	-.5399			224B	-.4499			321E	-.2519		
122B	-.4907			225B	-.5144			322E	-.2841		
123B	-.4890			226B	-.8398			323E	-.2774		
124B	-.5204			227B	-.6911			325E	-.3384		
125B	-.5501			228B	-.7871			326E	-.3486		
126B	-.6809			229B	-1.0292			327E	-.3121		
127B	-.7124			255C	.4911			328E	-.2502		
128B	-.8449			254C	.5021			329E	-.1713		
129B	-1.1872			253C	.4215			330E	-.0873		
157C	.0354			252C	.2874						
156C	.3604			251C	-.0435						

TABLE 243.- TABULATED PRESSURE DATA FOR RUN 130 AT ALPHA = -3.83 DEGREES AND QINF = 13.39 KN/SQM (279.60 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	-.3186	155C	.6363	214A	-.3045	244C	-.2646	313A	-.4724		
111A	-.3169	154C	.7174	213A	-.3172	245C	-1.9823	312A	-.4716		
110A	-.6035	153C	.8139	212A	-.3266	246C	-1.8029	311A	-.4699		
109A	-1.4527	152C	.9344	211A	-.3113	247C	-1.4499	310A	-.7239		
108A	-2.0712	144C	-.8182	210A	-.6163	248C	-1.0739	309A	-.6855		
101A	-1.1741	145C	-2.2069	208A	-2.5344	249C	-.7859	301A	-.7931		
102A	.0920	147C	-2.0122	201A	-1.5723	250C	-.6107	302A	-.1378		
103A	.6934	148C	-1.6140	202A	.3261	264D	.1640	303A	.6370		
104A	.7319	149C	-1.1542	203A	.7515	263D	.5551	304A	.7003		
105A	.5738	150C	-.8218	204A	.7148	262D	.6175	305A	.6029		
106A	.3842	151C	-.7056	205A	.5473	261D	.6892	345E	.1313		
107A	.1296	165D	.6346	206A	.3397	256D	.4737	344E	.1287		
142B	.5748	164D	.7593	242B	.4381	257D	-.6099	343E	.1193		
141B	.5201	163D	.9318	241B	.4552	258D	-.7603	342E	.1031		
140B	.3100	159D	-1.2679	240B	.3160	259D	-.3621	341E	.0793		
139B	.3100	160D	-1.0013	238B	.2810	260D	-.0980	340E	.0417		
138B	.3169			237B	.1065			339E	.0144		
137B	.1785			236B	.1935			338E	-.0325		
136B	.0068			235B	.2199			337E	-.0367		
135B	.1050			234B	.1918			336E	-.0683		
133B	-.4365			233B	-.1134			335E	-.2030		
132B	-.3656			232B	-.4938			334E	-.4000		
131B	-.3280			231B	-.4426			333E	-.6123		
130B	-.3263			230B	-.4912			332E	-.6754		
115B	-.3220			218B	-.5112			331E	-.6387		
116B	-.3275			219B	-.8153			315E	-.6171		
117B	-.1370			221B	-.7073			317E	-.5052		
118B	-.6393			222B	-.6304			318E	-.5052		
120B	-1.0212			223B	-.6133			320E	-.4736		
121B	-.7748			224B	-.6304			321E	-.4051		
122B	-.6595			225B	-.6748			322E	-.4059		
123B	-.6304			226B	-.8987			323E	-.3820		
124B	-.6449			227B	-.8423			325E	-.4034		
125B	-.6552			228B	-.9269			326E	-.3744		
126B	-.7765			229B	-1.1833			327E	-.3087		
127B	-.7834			255C	.5013			328E	-.1953		
128B	-.9278			254C	.6064			329E	-.0990		
129B	-1.2363			253C	.6107			330E	-.0239		
157C	.0230			252C	.6312						
156C	.3596			251C	.6500						

TABLE 244 .- TABULATED PRESSURE DATA FOR RUN 130 AT ALPHA = .59 DEGREES AND QINF = 13.40 KN/SQM (279.90 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	-.2046	155C	.6541	214A	-.4439	244C	-.1897	313A	-.5830		
111A	-.1106	154C	.7378	213A	-.4780	245C	-2.1436	312A	-.5848		
110A	-.6185	153C	.8412	212A	-.4772	246C	-1.9876	311A	-.5719		
109A	-1.0097	152C	.9805	211A	-.4592	247C	-1.5061	310A	-.7432		
108A	-1.0806	144C	-.6993	210A	-.7509	248C	-1.1083	309A	-1.1694		
101A	-.1931	145C	-2.1742	208A	-1.3394	249C	-.8081	301A	-1.6777		
102A	.5901	147C	-1.9585	201A	-.3956	250C	-.6336	302A	.1964		
103A	.7089	148C	-1.5411	202A	.7259	264D	.1825	303A	.6969		
104A	.5107	149C	-1.0981	203A	.6747	263D	.6319	304A	.5372		
105A	.2647	150C	-.7705	204A	.4620	262D	.7148	305A	.3877		
106A	.0563	151C	-.6644	205A	.2331	261D	.8139	345E	.2606		
107A	-.1709	165D	.6464	206A	-.0283	256D	.5340	344E	.2931		
142B	.6353	164D	.7737	242B	.6720	257D	-.6533	343E	.2948		
141B	.6250	163D	.9489	241B	.4678	258D	-.8611	342E	.2820		
140B	.3286	159D	-1.2298	240B	.3892	259D	-.4052	341E	.2120		
139B	.3217	160D	-.9749	238B	.3337	260D	-.1298	340E	.1454		
138B	.3499			237B	.1787			339E	.0694		
137B	.2209			236B	.2401			338E	-.0288		
136B	.0594			235B	.2811			337E	.0019		
135B	.1560			234B	.3426			336E	.0881		
133B	.6601			233B	.5450			335E	.2145		
132B	-.3122			232B	.7542			334E	.4075		
131B	-.4993			231B	-.2534			333E	.7303		
130B	-.8437			230B	-1.8452			332E	-.1339		
115B	-.5293			218B	-1.0934			331E	-1.2935		
116B	-.5237			219B	-1.5282			315E	-1.1122		
117B	-1.0072			221B	-1.1246			317E	-1.1797		
118B	-1.5273			222B	-.9655			318E	-1.1609		
120B	-1.5752			223B	-.8971			320E	-.8611		
121B	-1.1699			224B	-.8782			321E	-.7060		
122B	-.9569			225B	-.8774			322E	-.6386		
123B	-.8577			226B	-1.0809			323E	-.5719		
124B	-.8243			227B	-.9800			325E	-.4900		
125B	-.7841			228B	-1.0253			326E	-.4234		
126B	-.8722			229B	-1.2409			327E	-.3286		
127B	-.8654			255C	.5593			328E	-.1962		
128B	-.9698			254C	.6840			329E	-.1330		
129B	-1.2212			253C	.7165			330E	-.1057		
157C	.0415			252C	.7925						
156C	.3696			251C	.8856						

TABLE 245.- TABULATED PRESSURE DATA FOR RUN 130 AT ALPHA = 4.62 DEGREES AND QINF = 13.33 KN/SQM (278.50 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	-.3514	155C	.6699	214A	-.5427	244C	-.1340	313A	-.6209		
111A	-.0952	154C	.7472	213A	-.5711	245C	-2.2238	312A	-.6243		
110A	-.4417	153C	.8470	212A	-.5977	246C	-2.0544	311A	-.6097		
109A	-.4511	152C	.9983	211A	-.5943	247C	-1.5476	310A	-.6153		
108A	-.2190	144C	-.6068	210A	-.5096	248C	-1.1183	309A	-.6729		
101A	.4395	145C	-2.1034	208A	-.1099	249C	-.7982	301A	-.2844		
102A	.7060	147C	-1.8720	201A	.5203	250C	-.6141	302A	.7292		
103A	.4481	148C	-1.4478	202A	.6501	264D	.2065	303A	.4833		
104A	.0896	149C	-1.0082	203A	.2400	263D	.6398	304A	.1128		
105A	-.1494	150C	-.7019	204A	-.0127	262D	.7189	305A	-.0222		
106A	-.3299	151C	-.5943	205A	-.2276	261D	.8186	345E	.2437		
107A	-.4348	165D	.6621	206A	-.5019	256D	.5233	344E	.2884		
142B	.6656	164D	.7851	242B	.6724	257D	-.6382	343E	.2901		
141B	.6389	163D	.9553	241B	.5297	258D	-.8266	342E	.2729		
140B	.3277	159D	-1.1561	240B	.4223	259D	-.3827	341E	.2093		
139B	.3449	160D	-.9006	238B	.3845	260D	-.1168	340E	.1543		
138B	.3716			237B	.2566			339E	.0976		
137B	.2710			236B	.3279			338E	.0142		
136B	.1377			235B	.3795			337E	.0727		
135B	.2417			234B	.4534			336E	.1741		
133B	.6286			233B	.6046			335E	.2995		
132B	.4893			232B	.7843			334E	.4611		
131B	-.4443			231B	.4534			333E	.7404		
130B	-1.5962			230B	-1.7829			332E	.5840		
115B	-1.1157			218B	-1.7587			331E	-.6957		
116B	-.9377			219B	-2.2942			315E	-1.7905		
117B	-1.8576			221B	-1.5356			317E	-2.0037		
118B	-2.4220			222B	-1.2714			318E	-1.8283		
120B	-2.1221			223B	-1.1467			320E	-1.2240		
121B	-1.5459			224B	-1.0899			321E	-.9492		
122B	-1.1845			225B	-1.0546			322E	-.8452		
123B	-1.0305			226B	-1.2241			323E	-.7318		
124B	-.9652			227B	-1.0976			325E	-.5883		
125B	-.8757			228B	-1.1166			326E	-.5092		
126B	-.9307			229B	-1.3153			327E	-.3768		
127B	-.8980			255C	.5787			328E	-.2213		
128B	-.9910			254C	.6965			329E	-.1654		
129B	-1.1734			253C	.7283			330E	-.1422		
157C	.0741			252C	.7988						
156C	.3939			251C	.8831						

TABLE 246.- TABULATED PRESSURE DATA FOR RUN 130 AT ALPHA = 8.99 DEGREES AND QINF = 13.29 KN/SQM (277.60 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	-.2709	155C	.6872	214A	-.2020	244C	-.0990	313A	-.4152		
111A	-.0480	154C	.7615	213A	-.4506	245C	-2.2577	312A	-.4567		
110A	-.1510	153C	.8539	212A	-.5128	246C	-2.0763	311A	-.4092		
109A	.0631	152C	.9947	211A	-.4394	247C	-1.5386	310A	-.1968		
108A	.3981	144C	-.5698	210A	-.0595	248C	-1.0968	309A	-.0742		
101A	.6960	145C	-2.0331	208A	.6407	249C	-.7674	301A	.5691		
102A	.3938	147C	-1.7737	201A	.7115	250C	-.5815	302A	.5570		
103A	-.1476	148C	-1.3501	202A	-.1312	264D	.2293	303A	-.2658		
104A	-.5818	149C	-.9282	203A	-.6881	263D	.6492	304A	-.5818		
105A	-.7554	150C	-.6169	204A	-.8089	262D	.7304	305A	-.6483		
106A	-.8866	151C	-.5114	205A	-.9074	261D	.8202	345E	.2271		
107A	-.8884	165D	.6768	206A	-1.1215	256D	.5192	344E	.2738		
142B	.6751	164D	.7977	242B	.6664	257D	-.5910	343E	.2764		
141B	.6405	163D	.9610	241B	.6042	258D	-.7656	342E	.2651		
140B	.3675	159D	-1.0605	240B	.4634	259D	-.3480	341E	.2099		
139B	.3848	160D	-.7959	238B	.4436	260D	-.0981	340E	.1641		
138B	.4099			237B	.3308			339E	.1261		
137B	.3192			236B	.4171			338E	.0622		
136B	.2189			235B	.4784			337E	.1425		
135B	.3330			234B	.5578			336E	.2539		
133B	.6543			233B	.6873			335E	.3800		
132B	.6854			232B	.7840			334E	.5337		
131B	.0531			231B	.4836			333E	.7219		
130B	-1.6712			230B	-1.6594			332E	.6131		
115B	-1.5814			218B	-2.4344			331E	-.3470		
116B	-1.4452			219B	-3.1078			315E	-2.3497		
117B	-2.8759			221B	-1.9631			317E	-2.8434		
118B	-3.4484			222B	-1.5835			318E	-2.4943		
120B	-2.7176			223B	-1.3994			320E	-1.5808		
121B	-1.9129			224B	-1.2973			321E	-1.2087		
122B	-1.4141			225B	-1.2126			322E	-1.0343		
123B	-1.1970			226B	-1.3544			323E	-.8823		
124B	-1.0907			227B	-1.1893			325E	-.6725		
125B	-.9524			228B	-1.1858			326E	-.5534		
126B	-.9697			229B	-1.3458			327E	-.3979		
127B	-.9117			255C	.5965			328E	-.2555		
128B	-.9852			254C	.7131			329E	-.2244		
129B	-1.1305			253C	.7399			330E	-.2158		
157C	.1049			252C	.8116						
156C	.4194			251C	.8781						

TABLE 247.- TABULATED PRESSURE DATA FOR RUN 130 AT ALPHA = 12.95 DEGREES AND QINF = 13.23 KN/SQM (276.40 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	-.1931	155C	.6904	214A	.2841	244C	-.0767	313A	-.1641		
111A	.2952	154C	.7651	213A	-.2292	245C	-2.1605	312A	-.2700		
110A	.1733	153C	.8494	212A	-.3152	246C	-1.9555	311A	-.1840		
109A	.4609	152C	.9936	211A	-.1476	247C	-1.3973	310A	.1629		
108A	.6912	144C	-.5336	210A	.3549	248C	-.9661	309A	.3445		
101A	.5226	145C	-1.9173	208A	.7329	249C	-.6514	301A	.7016		
102A	-.3785	147C	-1.6312	201A	.1525	250C	-.4662	302A	-.4419		
103A	-1.0580	148C	-1.2191	202A	-1.6654	264D	.2239	303A	-1.5229		
104A	-1.4699	149C	-.8105	203A	-2.0912	263D	.6479	304A	-1.5098		
105A	-1.4768	150C	-.5201	204A	-1.8939	262D	.7295	305A	-1.3943		
106A	-1.5194	151C	-.4184	205A	-1.7523	261D	.8129	345E	.1825		
107A	-1.3986	165D	.6861	206A	-1.8470	256D	.5319	344E	.2354		
142B	.6565	164D	.8007	242B	.6496	257D	-.4853	343E	.2459		
141B	.5983	163D	.9580	241B	.6739	258D	-.6609	342E	.2433		
140B	.4185	159D	-.9618	240B	.5010	259D	-.3123	341E	.1990		
139B	.4159	160D	-.6975	238B	.5036	260D	-.1123	340E	.1746		
138B	.4480			237B	.4013			339E	.1460		
137B	.3647			236B	.4977			338E	.1069		
136B	.3004			235B	.5602			337E	.2007		
135B	.4220			234B	.6401			336E	.3205		
133B	.6965			233B	.7418			335E	.4491		
132B	.6965			232B	.7713			334E	.5828		
131B	.2482			231B	.4691			333E	.7105		
130B	-1.3432			230B	-1.4642			332E	.5767		
115B	-1.6690			218B	-3.0965			331E	-.2613		
116B	-1.9348			219B	-3.8457			315E	-2.8674		
117B	-3.8423			221B	-2.3710			317E	-3.7062		
118B	-4.4528			222B	-1.8816			318E	-3.1379		
120B	-3.2722			223B	-1.6051			320E	-1.9087		
121B	-2.2597			224B	-1.4495			321E	-1.4381		
122B	-1.6286			225B	-1.3226			322E	-1.2071		
123B	-1.3356			226B	-1.4373			323E	-1.0091		
124B	-1.1756			227B	-1.2252			325E	-.6747		
125B	-.9878			228B	-1.1791			326E	-.5236		
126B	-.9652			229B	-1.2713			327E	-.4220		
127B	-.8905			255C	.6105			328E	-.3673		
128B	-.9339			254C	.7156			329E	-.3482		
129B	-1.0357			253C	.7486			330E	-.3395		
157C	.1353			252C	.8112						
156C	.4420			251C	.8720						

RUN NUMBER 130 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

				UNCORRECTED				CORRECTED FOR STRUT INTERFERENCE				
MACH	Q,PSF	P	ALPHA,DEG	CL	CD	CM	L/D	CL	CD	CM	L/D	ISUBT
.203	278.50	4.23	-6.01	.3870	.1448	-.4066	2.67	.0448	.1479	-.3606	.30	OFF
.202	277.10	4.21	-3.53	.8950	.1251	-.5473	7.15	.5988	.1272	-.5166	4.71	OFF
.202	277.00	4.22	-1.47	1.0860	.1355	-.5533	8.01	.8446	.1368	-.5420	6.18	OFF
.202	277.50	4.22	.62	1.3140	.1489	-.5331	8.82	1.1477	.1502	-.5563	7.64	OFF
.202	276.50	4.21	2.60	1.5470	.1617	-.5016	9.57	1.4344	.1657	-.5448	8.66	OFF
.202	277.30	4.21	4.65	1.6950	.1878	-.4752	9.03	1.6040	.1939	-.5235	8.27	OFF
.201	274.70	4.19	6.64	1.9250	.2035	-.4341	9.46	1.8407	.2103	-.4840	8.75	OFF
.202	276.30	4.20	8.89	2.0860	.2415	-.3988	8.64	2.0124	.2494	-.4489	8.07	OFF
.202	276.80	4.20	10.96	2.3060	.2637	-.3463	8.74	2.2505	.2727	-.3944	8.25	OFF
.203	277.20	4.21	12.91	2.4540	.2942	-.2944	8.34	2.4295	.3021	-.3279	8.04	OFF
.203	277.20	4.21	13.91	2.5240	.3090	-.2691	8.17	2.5140	.3147	-.2818	7.99	OFF
.203	277.20	4.21	15.10	2.5720	.3440	-.2267	7.48	2.5704	.3474	-.2274	7.40	OFF
.203	276.70	4.20	15.88	2.6320	.3574	-.1995	7.36	2.6319	.3595	-.2016	7.32	OFF
.203	277.10	4.20	16.91	2.6700	.3375	-.1683	7.91	2.6700	.3384	-.1613	7.89	OFF
.203	277.70	4.22	18.13	2.6940	.4706	-.1240	5.72	2.6940	.4706	-.1457	5.73	OFF
.203	277.80	4.22	18.99	2.6670	.4977	-.0842	5.36	2.6670	.4977	-.1092	5.36	OFF
.203	277.20	4.22	20.02	2.6090	.5015	-.0042	5.20	2.6090	.5015	-.0302	5.20	OFF
.203	278.40	4.23	20.89	2.4350	.5075	-.0552	4.80	2.4350	.5075	-.0812	4.80	OFF
.203	276.60	4.22	22.95	2.4620	.5549	-.1022	4.44	2.4620	.5549	-.1262	4.44	OFF
.203	276.70	4.23	25.04	2.4250	.5734	-.0553	4.23	2.4250	.5734	-.0752	4.23	OFF
.204	279.50	4.23	.69	1.3210	.1490	-.5326	8.87	1.1570	.1503	-.5567	7.70	OFF
.204	280.40	4.25	-5.87	.3800	.1472	-.4085	2.58	.0400	.1502	-.3631	.27	OFF
.204	279.60	4.24	-3.83	.7940	.1287	-.5294	6.17	.4915	.1308	-.4966	3.76	OFF
.204	279.90	4.23	.59	1.3090	.1478	-.5333	8.86	1.1417	.1490	-.5561	7.66	OFF
.204	278.50	4.22	4.62	1.7020	.1851	-.4768	9.20	1.6109	.1912	-.5250	8.43	OFF
.204	277.60	4.21	8.99	2.0870	.2399	-.3959	8.70	2.0139	.2479	-.4459	8.12	OFF
.203	276.40	4.20	12.95	2.4040	.2884	-.2960	8.34	2.3802	.2962	-.3289	8.04	OFF

LANDING WING CONFIGURATION, ASPECT RATIO 10, INBOARD SLATS -50, OUTBOARD SLATS -50, FLAPS 45

Table 248 . Tabulated longitidinal data for run 130.

TABLE 249.- TABULATED PRESSURE DATA FOR RUN 224 AT ALPHA = -5.88 DEGREES AND QINF = 13.07 KN/SQM (273.00 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
111A	-.4624	154C	.6516	214A	-.5214	248C	-.8155	313A	-.5380		
110A	-.8315	153C	.7031	212A	-.7981	249C	-.5358	312A	-.5424		
109A	-1.1628	152C	.7397	210A	1.1767	250C	-.3850	311A	-.5476		
108A	-1.0634	145C	-2.1027	202A	-.0737	264D	.2128	310A	-.5978		
101A	-.0772	147C	-1.8456	203A	.6099	263D	.5094	309A	-.5612		
102A	.6762	151C	-.6595	204A	.7712	262D	.5042	301A	-.5995		
103A	.7224	165D	.6150	205A	.7276	261D	.4710	303A	.0649		
104A	.5131	164D	.7170	206A	.5794	256D	.4141	304A	.6919		
105A	.3204	163D	.8313	242B	-.0026	257D	-.3423	305A	.7206		
106A	.1800	158D	-.0060	241B	.1291	258D	-.3171	345E	-.1113		
107A	.0449	159D	-.9210	240B	-.0122	259D	-.1132	344E	-.1741		
142B	.3751	160D	-.8643	238B	-.3010	260D	.0036	343E	-.1514		
141B	.3306			237B	-.5249			342E	-.1907		
140B	.2311			236B	-.5511			341E	-.2457		
139B	.2250			235B	-.6148			340E	-.2980		
138B	.2093			234B	-.5904			339E	-.3486		
137B	.0706			233B	-.5747			338E	-.4115		
136B	-.0986			232B	-.5589			337E	-.4516		
135B	-.1265			231B	-.5773			336E	-.4691		
133B	-.4310			230B	-.5808			335E	-.5136		
132B	-.4318			218B	-.3179			334E	-.5424		
131B	-.4318			219B	-.5420			333E	-.5677		
130B	-.5339			221B	-.4504			332E	-.5720		
115B	-.7049			222B	-.4103			331E	-.5895		
116B	-.5891			223B	-.4303			315E	-.5594		
117B	.6456			224B	-.4635			317E	-.0092		
118B	-.1827			225B	-.5227			318E	-.3501		
120B	-.6702			226B	-.7319			319E	-.3650		
121B	-.5036			227B	-.6656			320E	-.3031		
122B	-.4774			228B	-.7615			321E	-.2762		
123B	-.4879			229B	-.9977			322E	-.3085		
124B	-.5166			255C	.4327			323E	-.2971		
125B	-.5515			254C	.4327			325E	-.3574		
126B	-.6744			253C	.2948			326E	-.3748		
127B	-.6953			252C	.1396			327E	-.3146		
128B	-.8234			251C	-.2635			328E	-.2875		
129B	-1.1519			244C	-.2927			329E	-.2404		
157C	.2006			245C	-1.5092			330E	-.1758		
156C	.4309			246C	-1.3672						
155C	.6054			247C	-1.1484						

TABLE 250.- TABULATED PRESSURE DATA FOR RUN 224 AT ALPHA = .65 DEGREES AND QINF = 13.26 KN/SQM (276.90 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
111A	-.1161	154C	.7289	214A	-.4914	248C	-1.1330	313A	-.4819		
110A	-.2110	153C	.8178	212A	-.6997	249C	-.8379	312A	-.5191		
109A	-.0816	152C	.9473	210A	.9706	250C	-.6593	311A	-.5580		
108A	.3074	145C	-2.2046	202A	.3997	264D	.1765	310A	-.7345		
101A	.6981	147C	-1.9880	203A	.7602	263D	.6253	309A	-.6560		
102A	.4756	151C	-.6713	204A	.6679	262D	.7048	301A	-.7560		
103A	.0055	165D	.6253	205A	.4601	261D	.8014	303A	.2927		
104A	-.3283	164D	.7453	206A	.1987	256D	.7566	304A	.6593		
105A	-.3981	163D	.8990	242B	.6719	257D	-.5618	305A	.5377		
106A	-.4180	158D	.3218	241B	.4821	258D	-.8672	345E	.2543		
107A	-.2972	159D	-.9656	240B	.3906	259D	-.4185	344E	.2862		
142B	.5960	160D	-.9138	238B	.3396	260D	-.1364	343E	.3165		
141B	.5917			237B	.1834			342E	.2759		
140B	.3137			236B	.2508			341E	.2007		
139B	.3258			235B	.2975			340E	.1428		
138B	.3396			234B	.3925			339E	.0884		
137B	.2119			233B	.6258			338E	.0019		
136B	.0453			232B	.5653			337E	.0745		
135B	.1195			231B	-.5709			336E	.2292		
133B	.3802			230B	-2.1383			335E	.4081		
132B	-.0920			218B	-1.2192			334E	-.0827		
131B	-.3043			219B	-1.6427			333E	-.5511		
130B	-.3527			221B	-1.1778			332E	-.6314		
115B	-.2473			222B	-1.0036			331E	-.8215		
116B	-.2230			223B	-.9173			315E	-1.1959		
117B	-.4300			224B	-.9000			317E	-1.2632		
118B	-1.0709			225B	-.9017			318E	-1.2114		
120B	-1.4547			226B	-1.0493			319E	-1.1787		
121B	-1.1071			227B	-.9915			320E	-.9096		
122B	-.9276			228B	-1.0691			321E	-.7541		
123B	-.8362			229B	-1.2728			322E	-.6720		
124B	-.8154			255C	.5822			323E	-.6038		
125B	-.7947			254C	.6935			325E	-.4940		
126B	-.8707			253C	.7203			326E	-.4353		
127B	-.8689			252C	.7945			327E	-.3186		
128B	-.9820			251C	.8903			328E	-.2132		
129B	-1.2460			244C	-.2071			329E	-.1449		
157C	.1946			245C	-2.1882			330E	-.1086		
156C	.4380			246C	-2.0243						
155C	.6607			247C	-1.5463						

TABLE 251 .- TABULATED PRESSURE DATA FOR RUN 224 AT ALPHA = 4.57 DEGREES AND QINF = 13.19 KN/SQM (275.50 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
111A	-.0826	154C	.7522	214A	-.5492	248C	-1.1432	313A	-.6336		
110A	.0015	153C	.8486	212A	-.8084	249C	-.8159	312A	-.6336		
109A	.3186	152C	.9989	210A	1.0563	250C	-.6266	311A	-.6397		
108A	.6453	145C	-2.2312	202A	.7322	264D	.1971	310A	-.7814		
101A	.6018	147C	-2.0072	203A	.6123	263D	.6289	309A	-1.0064		
102A	-.1593	151C	-.6491	204A	.3621	262D	.7097	301A	-1.3279		
103A	-.7362	165D	.6549	205A	.0962	261D	.8035	303A	.3030		
104A	-1.0203	164D	.7739	206A	-.2331	256D	.7515	304A	.4611		
105A	-.9186	163D	.9329	242B	.6688	257D	-.5293	305A	.2821		
106A	-.8126	158D	.3633	241B	.5403	258D	-.8159	345E	.2231		
107A	-.4799	159D	-.9470	240B	.4265	259D	-.3869	344E	.2718		
142B	.6289	160D	-.9209	238B	.3874	260D	-.1255	343E	.3005		
141B	.6141			237B	.2605			342E	.2692		
140B	.3335			236B	.3379			341E	.1996		
139B	.3431			235B	.3944			340E	.1492		
138B	.3674			234B	.4858			339E	.0900		
137B	.2606			233B	.6641			338E	.0144		
136B	.1103			232B	.7467			337E	.0735		
135B	.2006			231B	.0161			336E	.1857		
133B	.4725			230B	-2.7627			335E	.3257		
132B	.7461			218B	-1.8813			334E	.5223		
131B	.2970			219B	-2.4209			333E	.7371		
130B	-.8444			221B	-1.5739			332E	.2074		
115B	-.6854			222B	-1.2943			331E	-1.4381		
116B	-.3634			223B	-1.1823			315E	-2.2028		
117B	-1.0012			224B	-1.1232			317E	-2.2019		
118B	-1.8136			225B	-1.0790			318E	-1.9239		
120B	-1.9682			226B	-1.1945			319E	-2.0551		
121B	-1.4532			227B	-1.1059			320E	-1.2471		
122B	-1.1458			228B	-1.1441			321E	-.9684		
123B	-1.0086			229B	-1.3299			322E	-.8380		
124B	-.9565			255C	.5924			323E	-.7284		
125B	-.8819			254C	.7044			325E	-.5788		
126B	-.9496			253C	.7296			326E	-.4796		
127B	-.9348			252C	.8017			327E	-.3318		
128B	-1.0277			251C	.8834			328E	-.2265		
129B	-1.2639			244C	-.1473			329E	-.2074		
157C	.2110			245C	-2.2564			330E	-.1935		
156C	.4586			246C	-2.0784						
155C	.6810			247C	-1.5557						

TABLE 252.- TABULATED PRESSURE DATA FOR RUN 224 AT ALPHA = 8.87 DEGREES AND QINF = 13.27 KN/SQM (277.10 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
111A	.1610	154C	.7690	214A	-.1728	248C	-1.0298	313A	-.5173		
110A	.3203	153C	.8606	212A	-.3589	249C	-.7220	312A	-.5640		
109A	.6246	152C	1.0033	210A	.7872	250C	-.5388	311A	-.5234		
108A	.6912	145C	-2.1889	202A	.4872	264D	.2077	310A	-.4319		
101A	.0350	147C	-1.9555	203A	.0238	263D	.6410	309A	-.4172		
102A	-1.3483	151C	-.6001	204A	-.2451	262D	.7162	301A	-.0212		
103A	-1.9155	165D	.6790	205A	-.5019	261D	.8079	303A	.1828		
104A	-2.0132	164D	.7941	206A	-.8175	256D	.7933	304A	-.0186		
105A	-1.5783	163D	.9454	242B	.6635	257D	-.4593	305A	-.1742		
106A	-1.3129	158D	.3956	241B	.6142	258D	-.7315	345E	.1742		
107A	-.7967	159D	-.8819	240B	.4672	259D	-.3486	344E	.2365		
142B	.6557	160D	-.8543	238B	.4568	260D	-.1187	343E	.2711		
141B	.6367			237B	.3395			342E	.2400		
140B	.3651			236B	.4347			341E	.1829		
139B	.3885			235B	.4927			340E	.1526		
138B	.4136			234B	.5896			339E	.1136		
137B	.3106			233B	.7246			338E	.0626		
136B	.2000			232B	.7385			337E	.1439		
135B	.3046			231B	.1084			336E	.2703		
133B	.5502			230B	-2.6697			335E	.4113		
132B	.7093			218B	-2.6348			334E	.5818		
131B	.7128			219B	-3.2486			333E	.7246		
130B	-.0309			221B	-2.0333			332E	.3213		
115B	-.8767			222B	-1.6262			331E	-1.1846		
116B	-.4353			223B	-1.4066			315E	-3.0792		
117B	-1.6613			224B	-1.2969			317E	-3.0377		
118B	-2.6590			225B	-1.2208			318E	-2.5250		
120B	-2.5198			226B	-1.3202			319E	-2.4654		
121B	-1.7965			227B	-1.1758			320E	-1.5541		
122B	-1.3660			228B	-1.1689			321E	-1.1560		
123B	-1.1620			229B	-1.2848			322E	-.9751		
124B	-1.0773			255C	.6142			323E	-.8245		
125B	-.9649			254C	.7145			325E	-.5857		
126B	-.9960			253C	.7422			326E	-.4835		
127B	-.9476			252C	.8088			327E	-.3935		
128B	-1.0203			251C	.8788			328E	-.3762		
129B	-1.2441			244C	-.0953			329E	-.3416		
157C	.2415			245C	-2.2036			330E	-.3234		
156C	.4801			246C	-1.9944						
155C	.6981			247C	-1.4481						

TABLE 263.- TABULATED PRESSURE DATA FOR RUN 224 AT ALPHA = 13.00 DEGREES AND QINF = 13.22 KN/SQM (276.20 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
111A	.6961	154C	.7689	214A	.2156	248C	-.8311	313A	-.2933		
110A	.6121	153C	.8522	212A	.3728	249C	-.5432	312A	-.4183		
109A	.7222	152C	.9954	210A	.8783	250C	-.4088	311A	-.3732		
108A	.3354	145C	-2.1191	202A	-.4070	264D	.1520	310A	-.1182		
101A	-1.0402	147C	-1.8702	203A	-.9916	263D	.6240	309A	-.0046		
102A	-3.0463	151C	-.5423	204A	-1.1165	262D	.7091	301A	.5704		
103A	-3.3954	165D	.6891	205A	-1.2292	261D	.7967	303A	-.0792		
104A	-3.1755	164D	.7967	206A	-1.5189	256D	.8055	304A	-.5042		
105A	-2.3672	163D	.9460	242B	.6588	257D	-.3619	305A	-.6221		
106A	-1.9109	158D	.4152	241B	.6752	258D	-.6525	345E	.1288		
107A	-1.2162	159D	-.8329	240B	.4991	259D	-.3498	344E	.1982		
142B	.6371	160D	-.7904	238B	.4982	260D	-.1815	343E	.2243		
141B	.5919			237B	.3980			342E	.2191		
140B	.4097			236B	.4961			341E	.1722		
139B	.4123			235B	.5664			340E	.1461		
138B	.4384			234B	.6567			339E	.1183		
137B	.3507			233B	.7644			338E	.0810		
136B	.2726			232B	.7114			337E	.1843		
135B	.3863			231B	.1209			336E	.3198		
133B	.6240			230B	-2.5806			335E	.4631		
132B	.7308			218B	-3.3481			334E	.6203		
131B	.7134			219B	-4.0168			333E	.7054		
130B	.1850			221B	-2.4444			332E	.3545		
115B	-.4146			222B	-1.9005			331E	-1.0158		
116B	-.3394			223B	-1.6013			315E	-3.5733		
117B	-2.2110			224B	-1.4443			317E	-3.5286		
118B	-3.3868			225B	-1.3038			318E	-2.7774		
120B	-3.0324			226B	-1.3567			319E	-2.6291		
121B	-2.1052			227B	-1.1668			320E	-1.5866		
122B	-1.5762			228B	-1.1174			321E	-1.1773		
123B	-1.3090			229B	-1.1416			322E	-1.0097		
124B	-1.1599			255C	.6162			323E	-.9550		
125B	-.9985			254C	.7152			325E	-.7969		
126B	-.9933			253C	.7438			326E	-.8152		
127B	-.9370			252C	.8071			327E	-.6423		
128B	-.9977			251C	.8696			328E	-.6319		
129B	-1.1755			244C	-.0939			329E	-.4930		
157C	.2544			245C	-1.9994			330E	-.4426		
156C	.4939			246C	-1.7626						
155C	.7039			247C	-1.2197						

TABLE 254.- TABULATED PRESSURE DATA FOR RUN 224 AT ALPHA = 13.88 DEGREES AND QINF = 13.30 KN/SQM (277.80 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
111A	.7515	154C	.7670	214A	.2714	248C	-.7458	313A	-.1412		
110A	.6509	153C	.8516	212A	.3750	249C	-.5191	312A	-.3181		
109A	.7371	152C	.9974	210A	.8069	250C	-.4018	311A	-.3103		
108A	.2104	145C	-2.0735	202A	-.6386	264D	.1442	310A	-.0378		
101A	-1.3359	147C	-1.8209	203A	-1.2239	263D	.6238	309A	-.0042		
102A	-3.4534	151C	-.4967	204A	-1.3092	262D	.7041	301A	.6199		
103A	-3.7037	165D	.6911	205A	-1.3868	261D	.7938	303A	-.0301		
104A	-3.4389	164D	.7947	206A	-1.6454	256D	.8120	304A	-.3593		
105A	-2.5315	163D	.9456	242B	.6575	257D	-.3518	305A	-.6300		
106A	-2.0436	158D	.4241	241B	.6860	258D	-.6605	345E	.1117		
107A	-1.2946	159D	-.8070	240B	.5057	259D	-.3768	344E	.1868		
142B	.6256	160D	-.7614	238B	.5108	260D	-.2174	343E	.2257		
141B	.5902			237B	.4156			342E	.2041		
140B	.4194			236B	.5079			341E	.1497		
139B	.4289			235B	.5761			340E	.1463		
138B	.4505			234B	.6711			339E	.0884		
137B	.3616			233B	.7738			338E	.0798		
136B	.2952			232B	.7082			337E	.1834		
135B	.4073			231B	.1264			336E	.3025		
133B	.6385			230B	-2.5374			335E	.4596		
132B	.7369			218B	-3.4406			334E	.5822		
131B	.7170			219B	-4.0813			333E	.6935		
130B	.2253			221B	-2.4891			332E	.3716		
115B	-.3173			222B	-1.9330			331E	-.8015		
116B	-.3378			223B	-1.6097			315E	-3.5269		
117B	-2.3160			224B	-1.4424			317E	-3.1478		
118B	-3.5141			225B	-1.2855			318E	-2.4185		
120B	-3.0667			226B	-1.3321			319E	-1.8884		
121B	-2.1597			227B	-1.1174			320E	-1.5118		
122B	-1.5700			228B	-1.0536			321E	-1.1451		
123B	-1.2985			229B	-1.0416			322E	-1.0993		
124B	-1.1562			255C	.6195			323E	-.9388		
125B	-.9821			254C	.7153			325E	-.8403		
126B	-.9760			253C	.7412			326E	-.7074		
127B	-.9226			252C	.8041			327E	-.6246		
128B	-.9821			251C	.8697			328E	-.6133		
129B	-1.1510			244C	-.0742			329E	-.5210		
157C	.2581			245C	-1.8692			330E	-.4839		
156C	.4996			246C	-1.6381						
155C	.7032			247C	-1.0976						

TABLE 255.- TABULATED PRESSURE DATA FOR RUN 224 AT ALPHA = 14.91 DEGREES AND QINF = 13.30 KN/SQM (277.80 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
111A	.7724	154C	.7673	214A	.3481	248C	-.6862	313A	-.0968		
110A	.6854	153C	.8517	212A	.3947	249C	-.4795	312A	-.2727		
109A	.7078	152C	.9939	210A	.8181	250C	-.4097	311A	-.1916		
108A	.0650	145C	-1.9856	202A	-.9345	264D	.1193	310A	.0426		
101A	-1.6910	147C	-1.7384	203A	-1.5135	263D	.6156	309A	.0719		
102A	-3.9139	151C	-.4786	204A	-1.5161	262D	.7035	301A	.5613		
103A	-4.0880	165D	.6880	205A	-1.5428	261D	.7871	303A	-.0608		
104A	-3.6679	164D	.7966	206A	-1.8047	256D	.8243	304A	-.3399		
105A	-2.7009	163D	.9396	242B	.6682	257D	-.3538	305A	-.4476		
106A	-2.1339	158D	.4299	241B	.7035	258D	-.6767	345E	.1093		
107A	-1.3558	159D	-.7585	240B	.5174	259D	-.3856	344E	.1653		
142B	.6277	160D	-.7128	238B	.5226	260D	-.2280	343E	.2015		
141B	.5743			237B	.4274			342E	.1877		
140B	.4261			236B	.5266			341E	.1403		
139B	.4381			235B	.5930			340E	.1205		
138B	.4579			234B	.6792			339E	.0955		
137B	.3812			233B	.7723			338E	.0567		
136B	.3209			232B	.6964			337E	.1757		
135B	.4278			231B	.1283			336E	.3067		
133B	.6587			230B	-2.5229			335E	.4360		
132B	.7449			218B	-3.6090			334E	.5895		
131B	.7225			219B	-4.2469			333E	.6947		
130B	.2710			221B	-2.5195			332E	.3757		
115B	-.2228			222B	-1.9322			331E	-.7736		
116B	-.3313			223B	-1.6273			315E	-2.6199		
117B	-2.4139			224B	-1.4637			317E	-2.1908		
118B	-3.6380			225B	-1.2950			318E	-1.4273		
120B	-3.1834			226B	-1.3182			319E	-2.2244		
121B	-2.1776			227B	-1.0866			320E	-1.3291		
122B	-1.6084			228B	-.9936			321E	-1.1659		
123B	-1.3225			229B	-.9436			322E	-1.0443		
124B	-1.1692			255C	.6105			323E	-.9727		
125B	-.9918			254C	.7095			325E	-1.0374		
126B	-.9591			253C	.7397			326E	-.9840		
127B	-.8894			252C	.8017			327E	-.8831		
128B	-.9385			251C	.8629			328E	-.7322		
129B	-1.0883			244C	-.0705			329E	-.7037		
157C	.2624			245C	-1.7204			330E	-.5416		
156C	.4976			246C	-1.5051						
155C	.7044			247C	-1.0246						

TABLE 256.- TABULATED PRESSURE DATA FOR RUN 224 AT ALPHA = 15.83 DEGREES AND QINF = 13.23 KN/SQM (276.40 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
111A	.7671	154C	.7636	214A	.3816	248C	-.6438	313A	-.0549		
110A	.7068	153C	.8519	212A	.3946	249C	-.4742	312A	-.2419		
109A	.6834	152C	.9817	210A	.7085	250C	-.4102	311A	-.1588		
108A	-.0862	145C	-1.9380	202A	-1.2268	264D	.1241	310A	.0988		
101A	-1.9636	147C	-1.6811	203A	-1.8123	263D	.6165	309A	.1291		
102A	-4.2881	151C	-.4535	204A	-1.7284	262D	.6996	301A	.6047		
103A	-4.4304	165D	.6918	205A	-1.7094	261D	.7896	303A	-.0983		
104A	-3.9436	164D	.7913	206A	-1.9377	256D	.8243	304A	-.4200		
105A	-2.8854	163D	.9419	242B	.6650	257D	-.3799	305A	-.5074		
106A	-2.2628	158D	.4315	241B	.7108	258D	-.6966	345E	.0871		
107A	-1.4465	159D	-.7459	240B	.5213	259D	-.4007	344E	.1651		
142B	.6225	160D	-.6957	238B	.5248	260D	-.2484	343E	.2014		
141B	.5628			237B	.4344			342E	.1798		
140B	.4347			236B	.5383			341E	.1365		
139B	.4451			235B	.6050			340E	.1235		
138B	.4642			234B	.6907			339E	.0889		
137B	.3872			233B	.7808			338E	.0629		
136B	.3266			232B	.6951			337E	.1720		
135B	.4434			231B	.1374			336E	.3123		
133B	.6693			230B	-2.4753			335E	.4474		
132B	.7489			218B	-3.6951			334E	.5903		
131B	.7221			219B	-4.3310			333E	.6907		
130B	.3067			221B	-2.5738			332E	.3850		
115B	-.1546			222B	-1.9717			331E	-.7252		
116B	-.3405			223B	-1.6084			315E	-2.5914		
117B	-2.4972			224B	-1.4362			317E	-2.0561		
118B	-3.7473			225B	-1.2563			318E	-1.4940		
120B	-3.2244			226B	-1.2693			319E	-1.4793		
121B	-2.2148			227B	-1.0210			320E	-1.2631		
122B	-1.6170			228B	-.9258			321E	-1.0802		
123B	-1.3099			229B	-.8653			322E	-.9408		
124B	-1.1447			255C	.6113			323E	-.9468		
125B	-.9648			254C	.7117			325E	-.9728		
126B	-.9293			253C	.7394			326E	-.9278		
127B	-.8774			252C	.7991			327E	-.8828		
128B	-.9224			251C	.8631			328E	-.8066		
129B	-1.0564			244C	-.0607			329E	-.7546		
157C	.2703			245C	-1.6326			330E	-.6576		
156C	.5031			246C	-1.3964						
155C	.7074			247C	-.9224						

TABLE 257.- TABULATED PRESSURE DATA FOR RUN 224 AT ALPHA = 16.89 DEGREES AND QINF = 13.17 KN/SQM (275.10 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
111A	.7502	154C	.7607	214A	.3793	248C	-.9897	313A	-.0217		
110A	.7225	153C	.8337	212A	.4063	249C	-.8898	312A	-.2314		
109A	.6373	152C	.9797	210A	.7355	250C	-.8558	311A	-.1131		
108A	-.2117	145C	-1.9036	202A	-1.0980	264D	-.0946	310A	.1342		
101A	-2.2450	147C	-1.6784	203A	-1.6681	263D	.5434	309A	.1785		
102A	-4.6397	151C	-.4732	204A	-1.5924	262D	.6416	301A	.6365		
103A	-4.6216	165D	.6798	205A	-1.5664	261D	.7442	303A	-.1543		
104A	-4.0627	164D	.7763	206A	-1.7549	256D	.7267	304A	-.5019		
105A	-2.9350	163D	.9319	242B	.6338	257D	-.4680	305A	-.5523		
106A	-2.2989	158D	.4128	241B	.6903	258D	-1.1828	345E	.0948		
107A	-1.4821	159D	-.7576	240B	.4999	259D	-.7689	344E	.1566		
142B	.6077	160D	-.7080	238B	.4860	260D	-.4750	343E	.2001		
141B	.5451			237B	.3837			342E	.1714		
140B	.4408			236B	.5003			341E	.1349		
139B	.4408			235B	.5908			340E	.1253		
138B	.4582			234B	.6778			339E	.1027		
137B	.3835			233B	.7752			338E	.0687		
136B	.3278			232B	.7047			337E	.1923		
135B	.4443			231B	.1488			336E	.3237		
133B	.6712			230B	-2.3891			335E	.4524		
132B	.7459			218B	-3.5012			334E	.5969		
131B	.7259			219B	-3.9533			333E	.6926		
130B	.3252			221B	-2.2836			332E	.3933		
115B	-.1241			222B	-1.7314			331E	-.7082		
116B	-.3472			223B	-1.3906			315E	-2.4927		
117B	-2.5492			224B	-1.1967			317E	-2.0330		
118B	-3.8086			225B	-1.0236			318E	-1.3882		
120B	-3.2738			226B	-1.0576			319E	-1.4152		
121B	-2.2070			227B	-.9219			320E	-1.2692		
122B	-1.6027			228B	-.7637			321E	-.9414		
123B	-1.3002			229B	-1.0358			322E	-.9440		
124B	-1.1262			255C	.5495			323E	-.9100		
125B	-.9393			254C	.6885			325E	-.9335		
126B	-.9037			253C	.7068			326E	-.9501		
127B	-.8384			252C	.7702			327E	-.8526		
128B	-.8845			251C	.8476			328E	-.7882		
129B	-.9967			244C	-.0646			329E	-.7099		
157C	.2566			245C	-1.4636			330E	-.6247		
156C	.4904			246C	-1.6514						
155C	.6937			247C	-1.2845						

TABLE 268.- TABULATED PRESSURE DATA FOR RUN 224 AT ALPHA = 17.95 DEGREES AND QINF = 13.27 KN/SQM (277.10 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
111A	.7647	154C	.7501	214A	.3951	248C	-.9350	313A	.0238		
110A	.7175	153C	.8386	212A	.4131	249C	-.7728	312A	-.1850		
109A	.6506	152C	.9837	210A	.7510	250C	-.7419	311A	-.0793		
108A	-.1651	145C	-1.7348	202A	-1.1947	264D	-.0615	310A	.1706		
101A	-2.1048	147C	-1.4224	203A	-1.6858	263D	.5569	309A	.2161		
102A	-4.3757	151C	-.4991	204A	-1.6532	262D	.6591	301A	.6626		
103A	-4.4047	165D	.6505	205A	-1.5836	261D	.7613	303A	-.1643		
104A	-3.8243	164D	.7699	206A	-1.7717	256D	.7615	304A	-.5344		
105A	-2.7514	163D	.9330	242B	.6462	257D	-.7102	305A	-.5541		
106A	-2.1563	158D	.4157	241B	.6943	258D	-1.1410	345E	.0917		
107A	-1.3424	159D	-.8312	240B	.4847	259D	-.7557	344E	.1605		
142B	.6574	160D	-.8406	238B	.4985	260D	-.5411	343E	.2043		
141B	.5706			237B	.3976			342E	.1785		
140B	.4281			236B	.5111			341E	.1484		
139B	.4452			235B	.5910			340E	.1424		
138B	.4607			234B	.6838			339E	.1123		
137B	.3697			233B	.7826			338E	.0909		
136B	.3078			232B	.7104			337E	.2043		
135B	.4384			231B	.1828			336E	.3383		
133B	.6763			230B	-2.2895			335E	.4724		
132B	.7493			218B	-3.3461			334E	.6065		
131B	.7269			219B	-3.8822			333E	.6950		
130B	.3499			221B	-2.2016			332E	.4036		
115B	-.0829			222B	-1.6481			331E	-.6379		
116B	-.3068			223B	-1.2826			315E	-2.3710		
117B	-2.2568			224B	-1.1753			317E	-1.8653		
118B	-3.3597			225B	-.9582			318E	-1.2376		
120B	-2.8690			226B	-.9831			319E	-1.4059		
121B	-1.9322			227B	-.8621			320E	-1.2153		
122B	-1.4121			228B	-.8707			321E	-.9301		
123B	-1.1384			229B	-.9359			322E	-.8338		
124B	-1.0114			255C	.5595			323E	-.8467		
125B	-.8260			254C	.6806			325E	-.8716		
126B	-.7986			253C	.7115			326E	-.8201		
127B	-.7488			252C	.7802			327E	-.6448		
128B	-.7557			251C	.8532			328E	-.7126		
129B	-.8998			244C	-.0683			329E	-.5674		
157C	.2168			245C	-1.7494			330E	-.6619		
156C	.4693			246C	-1.5194						
155C	.6891			247C	-1.1478						

TABLE 257.- TABULATED PRESSURE DATA FOR RUN 224 AT ALPHA = 18.81 DEGREES AND QINF = 13.21 KN/SQM (275.80 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
111A	.7554	154C	.7433	214A	.4106	248C	-.8836	313A	-.0890		
110A	.7287	153C	.8372	212A	.5433	249C	-.7673	312A	-.2019		
109A	.6271	152C	.9793	210A	.8269	250C	-.7011	311A	-.0753		
108A	-.2537	145C	-1.7547	202A	-1.3386	264D	-.1670	310A	.0916		
101A	-2.2667	147C	-1.4896	203A	-.9916	263D	.5547	309A	.1742		
102A	-4.6500	151C	-.5392	204A	-1.5719	262D	.6546	301A	.6349		
103A	-4.4743	165D	.6555	205A	-1.5211	261D	.7631	303A	-.1779		
104A	-3.8607	164D	.7623	206A	-1.8569	256D	.7649	304A	-.5395		
105A	-2.8057	163D	.9285	242B	.6512	257D	-.5952	305A	-.5998		
106A	-2.1462	158D	.4077	241B	.6787	258D	-1.0420	345E	.1134		
107A	-1.3747	159D	-.8577	240B	.4807	259D	-.7278	344E	.1841		
142B	.6339	160D	-.8698	238B	.4979	260D	-.4936	343E	.2185		
141B	.5478			237B	.3986			342E	.1815		
140B	.4238			236B	.5270			341E	.1487		
139B	.4255			235B	.5993			340E	.1324		
138B	.4488			234B	.6915			339E	.1151		
137B	.3687			233B	.7785			338E	.0910		
136B	.3127			232B	.7122			337E	.1996		
135B	.4419			231B	.2340			336E	.3322		
133B	.6770			230B	-2.2024			335E	.4615		
132B	.7442			218B	-2.9796			334E	.5959		
131B	.7244			219B	-3.6653			333E	.6898		
130B	.3601			221B	-1.4698			332E	.3943		
115B	-.0559			222B	-1.5834			331E	-.6878		
116B	-.2959			223B	-1.2839			315E	-2.4966		
117B	-2.3537			224B	-1.1504			317E	-2.3511		
118B	-3.4196			225B	-1.0351			318E	-1.6830		
120B	-2.9065			226B	-.9068			319E	-1.4849		
121B	-1.9536			227B	-.8534			320E	-1.1767		
122B	-1.3467			228B	-.8181			321E	-.9721		
123B	-1.0893			229B	-.9137			322E	-.8903		
124B	-.9981			255C	.5633			323E	-.8179		
125B	-.8121			254C	.6796			325E	-.7447		
126B	-.7897			253C	.7132			326E	-.7223		
127B	-.7415			252C	.7734			327E	-.7007		
128B	-.7450			251C	.8518			328E	-.6715		
129B	-.9154			244C	-.0718			329E	-.6353		
157C	.2077			245C	-1.6334			330E	-.5207		
156C	.4531			246C	-1.4259						
155C	.6787			247C	-1.0695						

TABLE 260.- TABULATED PRESSURE DATA FOR RUN 224 AT ALPHA = 20.80 DEGREES AND QINF = 13.17 KN/SQM (275.00 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
111A	.7387	154C	.7249	214A	.4657	248C	-.8665	313A	.0191		
110A	.7318	153C	.8169	212A	.4571	249C	-.8476	312A	-.1461		
109A	.5701	152C	.9665	210A	.9278	250C	-.8296	311A	-.0833		
108A	-.4280	145C	-1.5180	202A	-.7985	264D	-.2489	310A	.1747		
101A	-2.3847	147C	-1.2515	203A	-1.3092	263D	.5255	309A	.2520		
102A	-4.9167	151C	-.6414	204A	-1.2765	262D	.6424	301A	.6716		
103A	-4.5793	165D	.6072	205A	-.9103	261D	.7525	303A	-.3111		
104A	-3.9429	164D	.7456	206A	-1.1845	256D	.7525	304A	-.6833		
105A	-2.7802	163D	.9115	242B	.6570	257D	-.6998	305A	-.7616		
106A	-2.0761	158D	.3984	241B	.6648	258D	-1.1072	345E	.0811		
107A	-1.3935	159D	-.9851	240B	.4722	259D	-.7290	344E	.1602		
142B	.6321	160D	-.9430	238B	.4894	260D	-.6345	343E	.1998		
141B	.5350			237B	.3822			342E	.1740		
140B	.4198			236B	.5010			341E	.1327		
139B	.4232			235B	.5827			340E	.1396		
138B	.4456			234B	.6834			339E	.1146		
137B	.3708			233B	.7754			338E	.0923		
136B	.3253			232B	.7401			337E	.2101		
135B	.4628			231B	.3555			336E	.3452		
133B	.6846			230B	-1.4453			335E	.4708		
132B	.7473			218B	-1.5602			334E	.6042		
131B	.7241			219B	-1.4227			333E	.6791		
130B	.3837			221B	-1.4037			332E	.4054		
115B	-.0082			222B	-1.4629			331E	-.6159		
116B	-.2586			223B	-1.0857			315E	-2.3495		
117B	-2.2394			224B	-1.1484			317E	-2.0795		
118B	-3.2570			225B	-1.0453			318E	-1.4493		
120B	-2.6254			226B	-.9877			319E	-1.3040		
121B	-1.7792			227B	-.9791			320E	-1.1287		
122B	-1.2644			228B	-.9009			321E	-.9351		
123B	-1.0625			229B	-.8631			322E	-.7346		
124B	-.9173			255C	.5427			323E	-.7441		
125B	-.7316			254C	.6622			325E	-.7785		
126B	-.7376			253C	.7017			326E	-.7122		
127B	-.6998			252C	.7722			327E	-.7372		
128B	-.7342			251C	.8565			328E	-.7002		
129B	-.8365			244C	-.0888			329E	-.6357		
157C	.1508			245C	-1.5884			330E	-.6253		
156C	.4224			246C	-1.4363						
155C	.6579			247C	-1.0848						

TABLE 261.- TABULATED PRESSURE DATA FOR RUN 224 AT ALPHA = 24.99 DEGREES AND QINF = 13.35 KN/SQM (278.80 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
111A	.7231	154C	.7265	214A	.5691	248C	-.8846	313A	.2471		
110A	.7190	153C	.8038	212A	.4825	249C	-.8611	312A	.0176		
109A	.3670	152C	.9551	210A	.9853	250C	-.8317	311A	.0630		
108A	-1.0594	145C	-1.4856	202A	-1.9415	264D	-.2291	310A	.3670		
101A	-3.4749	147C	-1.2200	203A	-2.1423	263D	.5248	309A	.4258		
102A	-5.9027	151C	-.6081	204A	-1.6677	262D	.6424	301A	.6409		
103A	-5.2857	165D	.5996	205A	-1.4677	261D	.7500	303A	-.5797		
104A	-4.3749	164D	.7458	206A	-1.4677	256D	.7332	304A	-.9007		
105A	-2.8724	163D	.9114	242B	.6508	257D	-.7090	305A	-.9360		
106A	-2.1432	158D	.4306	241B	.7156	258D	-1.1611	345E	.0773		
107A	-1.4652	159D	-.9880	240B	.5063	259D	-.8300	344E	.1698		
142B	.6130	160D	-1.0031	238B	.5223	260D	-.6888	343E	.2084		
141B	.5550			237B	.4371			342E	.1824		
140B	.4449			236B	.5540			341E	.1572		
139B	.4592			235B	.6339			340E	.1614		
138B	.4744			234B	.7146			339E	.1496		
137B	.4122			233B	.7978			338E	.1345		
136B	.3836			232B	.7474			337E	.2555		
135B	.5113			231B	.4531			336E	.3842		
133B	.7231			230B	-1.1788			335E	.5036		
132B	.7525			218B	-1.0746			334E	.6171		
131B	.7172			219B	-1.5534			333E	.6658		
130B	.3979			221B	-1.4460			332E	.4455		
115B	.0382			222B	-1.2712			331E	-.3793		
116B	-.2832			223B	-.9813			315E	-2.0995		
117B	-2.3372			224B	-.9166			317E	-1.7668		
118B	-3.1110			225B	-.8788			318E	-1.1208		
120B	-2.5212			226B	-.9065			319E	-1.2392		
121B	-1.6503			227B	-.8661			320E	-1.1107		
122B	-1.2099			228B	-.8678			321E	-.8408		
123B	-.9922			229B	-.8619			322E	-.6651		
124B	-.8695			255C	.5517			323E	-.6517		
125B	-.7905			254C	.6693			325E	-.6491		
126B	-.6972			253C	.7029			326E	-.6794		
127B	-.7056			252C	.7752			327E	-.6458		
128B	-.7149			251C	.8559			328E	-.6643		
129B	-.7678			244C	-.0652			329E	-.6239		
157C	.1861			245C	-1.6410			330E	-.6096		
156C	.4248			246C	-1.4536						
155C	.6592			247C	-1.1410						

RUN NUMBER 224

LONGITUDINAL STABILITY-AXIS DATA

TEST NUMBER 496

MACH	Q,PSF	R	ALPHA,DEG	UNCORRECTED CL	UNCORRECTED CD	UNCORRECTED CM	UNCORRECTED L/D	CORRECTED FOR STRUT INTERFERENCE CL	CORRECTED FOR STRUT INTERFERENCE CD	CORRECTED FOR STRUT INTERFERENCE CM	CORRECTED FOR STRUT INTERFERENCE L/D	ISUBT
.202	273.00	4.24	-5.88	.3430	.1488	-.3718	2.31	.0029	.1518	-.3263	.02	OFF
.204	276.80	4.27	-3.88	.6650	.1358	-.4217	4.90	.3614	.1380	-.3885	2.62	OFF
.203	274.00	4.25	-1.61	1.0340	.1379	-.5042	7.50	.7883	.1392	-.4910	5.66	OFF
.204	276.90	4.27	.65	1.3140	.1499	-.5114	8.77	1.1487	.1512	-.5349	7.60	OFF
.203	275.90	4.26	2.44	1.5100	.1645	-.4882	9.18	1.3945	.1683	-.5305	8.29	OFF
.203	275.50	4.25	4.57	1.7010	.1876	-.4542	9.07	1.6097	.1937	-.5023	8.31	OFF
.204	276.30	4.26	6.80	1.9200	.2129	-.4077	9.02	1.8362	.2197	-.4576	8.36	OFF
.204	277.10	4.26	8.87	2.0900	.2446	-.3626	8.54	2.0163	.2525	-.4127	7.98	OFF
.203	275.80	4.25	10.87	2.2500	.2776	-.3104	8.11	2.1935	.2866	-.3588	7.65	OFF
.204	276.20	4.25	13.00	2.4030	.3123	-.2346	7.69	2.3800	.3200	-.2666	7.44	OFF
.204	277.80	4.26	13.88	2.4340	.3255	-.1871	7.48	2.4237	.3313	-.2004	7.32	OFF
.204	277.80	4.25	14.91	2.4640	.3488	-.1435	7.06	2.4616	.3526	-.1449	6.98	OFF
.204	276.40	4.24	15.83	2.4810	.3660	-.1032	6.78	2.4809	.3682	-.1050	6.74	OFF
.203	275.10	4.22	16.89	2.3640	.3923	-.0015	6.03	2.3640	.3932	-.0143	6.01	OFF
.204	277.10	4.24	17.95	2.1860	.4296	-.0019	5.09	2.1860	.4296	-.0226	5.09	OFF
.203	275.80	4.24	18.81	2.0910	.4504	.0413	4.64	2.0910	.4504	.0168	4.64	OFF
.203	275.80	4.24	19.75	1.9590	.4604	.0649	4.25	1.9590	.4604	.0390	4.25	OFF
.203	275.00	4.23	20.80	1.9340	.4852	.0902	3.99	1.9340	.4852	.0641	3.99	OFF
.203	276.70	4.25	22.69	1.9740	.5584	.1329	3.54	1.9740	.5584	.1086	3.54	OFF
.204	278.80	4.27	24.99	2.1350	.6932	.1705	3.08	2.1350	.6932	.1505	3.08	OFF
.203	276.60	4.22	.62	1.3000	.1494	-.5033	8.70	1.1337	.1507	-.5265	7.52	OFF

LANDING WING CONFIGURATION, ASPECT RATIO 10, INBOARD SLATS -30, OUTBOARD SLATS -60, FLAPS 45

Table 262 . Tabulated longitidinal data for run 224.

TABLE 263.- TABULATED PRESSURE DATA FOR RUN 220 AT ALPHA = .70 DEGREES AND QINF = 12.99 KN/SQM (271.20 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
111A	.0590	154C	.7636	214A	-.3606	248C	-.9451	313A	-.3638		
110A	-.2705	153C	.8555	212A	-.5511	249C	-.6653	312A	-.3856		
109A	-.3414	152C	.9812	210A	1.2085	250C	-.5040	311A	-.4292		
108A	-.0931	145C	-1.9183	202A	.4904	264D	.2508	310A	-.6178		
101A	.5170	147C	-1.7441	203A	.7805	263D	.6588	309A	-.5550		
102A	.7346	151C	-.5363	204A	.6951	262D	.7313	301A	-.8072		
103A	.4839	165D	.6717	205A	.5033	261D	.8200	303A	.3469		
104A	.1728	164D	0.0000	206A	.2583	256D	.7829	304A	.6919		
105A	.0052	163D	.9296	242B	.7055	257D	-.4242	305A	.5806		
106A	-.1093	158D	.3886	241B	.5282	258D	-.6927	345E	.3176		
107A	-.1383	159D	-.8016	240B	.4459	259D	-.2895	344E	.3563		
142B	.6571	160D	-.7749	238B	.4024	260D	-.0404	343E	.3822		
141B	.6209			237B	.2594			342E	.3402		
140B	.3895			236B	.3224			341E	.2691		
139B	.3992			235B	.3620			340E	.2191		
138B	.4048			234B	.4516			339E	.1666		
137B	.2903			233B	.6583			338E	.0867		
136B	.1380			232B	.6276			337E	.1400		
135B	.2186			231B	-.3961			336E	.2885		
133B	.5024			230B	-1.8654			335E	.4588		
132B	-.1571			218B	-1.0474			334E	.1456		
131B	-.2538			219B	-1.4399			333E	-.4090		
130B	-.3280			221B	-.9773			332E	-.4817		
115B	-.1901			222B	-.8241			331E	-.7497		
116B	-.2092			223B	-.7572			315E	-1.0152		
117B	-.5655			224B	-.7330			317E	-1.0813		
118B	-1.1506			225B	-.7322			318E	-1.0378		
120B	-1.3126			226B	-.8765			319E	-1.0120		
121B	-.9870			227B	-.8298			320E	-.7597		
122B	-.7782			228B	-.8878			321E	-.6076		
123B	-.6895			229B	-1.0692			322E	-.5261		
124B	-.6733			255C	.6225			323E	-.4494		
125B	-.6508			254C	.7224			325E	-.3622		
126B	-.7217			253C	.7458			326E	-.3024		
127B	-.7185			252C	.8152			327E	-.1943		
128B	-.8153			251C	.8990			328E	-.1087		
129B	-1.0515			244C	-.0944			329E	-.0497		
157C	.2694			245C	-1.9151			330E	-.0102		
156C	.4927			246C	-1.7554						
155C	.6975			247C	-1.3168						

TABLE 264.- TABULATED PRESSURE DATA FOR RUN 220 AT ALPHA = 4.61 DEGREES AND QINF = 12.94 KN/SQM (270.20 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
111A	-.1093	154C	.7569	214A	-.5263	248C	-1.1269	313A	-.6336		
110A	-.1259	153C	.8516	212A	-.7862	249C	-.8063	312A	-.6327		
109A	.0096	152C	1.0004	210A	1.3130	250C	-.6114	311A	-.6336		
108A	.3691	145C	-2.1825	202A	.7516	264D	.2007	310A	-.7634		
101A	.6949	147C	-1.9576	203A	.5993	263D	.6346	309A	-.9706		
102A	.4072	151C	-.6221	204A	.3408	262D	.7143	301A	-1.2734		
103A	-.1108	165D	.6568	205A	.0672	261D	.8091	303A	.2965		
104A	-.4863	164D	.7763	206A	-.2454	256D	.7675	304A	.4506		
105A	-.5837	163D	.9313	242B	.6710	257D	-.5282	305A	.2699		
106A	-.6332	158D	.3734	241B	.5505	258D	-.8116	345E	.2242		
107A	-.5323	159D	-.9223	240B	.4318	259D	-.3812	344E	.2739		
142B	.6479	160D	-.8957	238B	.3946	260D	-.1102	343E	.3005		
141B	.6001			237B	.2632			342E	.2650		
140B	.3415			236B	.3448			341E	.1985		
139B	.3539			235B	.4007			340E	.1523		
138B	.3805			234B	.4948			339E	.1018		
137B	.2653			233B	.6695			338E	.0219		
136B	.1307			232B	.7485			337E	.0796		
135B	.2175			231B	.0282			336E	.1923		
133B	.5602			230B	-2.7200			335E	.3315		
132B	.6568			218B	-1.8906			334E	.5285		
131B	-.1527			219B	-2.4324			333E	.7396		
130B	-1.1286			221B	-1.6157			332E	.2278		
115B	-.7700			222B	-1.3323			331E	-1.4116		
116B	-.5624			223B	-1.1729			315E	-2.2288		
117B	-1.4133			224B	-1.1109			317E	-2.1916		
118B	-2.1403			225B	-1.0631			318E	-1.9224		
120B	-2.0623			226B	-1.1995			319E	-2.0553		
121B	-1.4970			227B	-1.1038			320E	-1.2486		
122B	-1.1809			228B	-1.1348			321E	-.9787		
123B	-1.0348			229B	-1.3164			322E	-.8545		
124B	-.9736			255C	.5974			323E	-.7463		
125B	-.8975			254C	.7081			325E	-.5680		
126B	-.9453			253C	.7329			326E	-.4580		
127B	-.9072			252C	.8020			327E	-.3143		
128B	-1.0046			251C	.8870			328E	-.2309		
129B	-1.2287			244C	-.1483			329E	-.2114		
157C	.2184			245C	-2.2498			330E	-.1963		
156C	.4584			246C	-2.0692						
155C	.6842			247C	-1.5484						

TABLE 265.- TABULATED PRESSURE DATA FOR RUN 220 AT ALPHA = 8.92 DEGREES AND QINF = 13.05 KN/SQM (272.60 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
111A	.0201	154C	.7623	214A	-.1479	248C	-1.0427	313A	-.5264		
110A	.1193	153C	.8573	212A	-.5000	249C	-.7123	312A	-.5686		
109A	.4110	152C	1.0015	210A	1.0657	250C	-.5382	311A	-.5352		
108A	.6817	145C	-2.1430	202A	.4972	264D	.2083	310A	-.4342		
101A	.5253	147C	-1.9163	203A	.0112	263D	.6454	309A	-.4219		
102A	-.3824	151C	-.5716	204A	-.2462	262D	.7183	301A	-.0301		
103A	-1.0256	165D	.6744	205A	-.4993	261D	.8072	303A	.1729		
104A	-1.3516	164D	.7905	206A	-.8244	256D	.7915	304A	-.0195		
105A	-1.2584	163D	.9400	242B	.6665	257D	-.4565	305A	-.1794		
106A	-1.1837	158D	.4004	241B	.6234	258D	-.7175	345E	.1795		
107A	-.8868	159D	-.8704	240B	.4739	259D	-.3317	344E	.2323		
142B	.6656	160D	-.8335	238B	.4545	260D	-.1058	343E	.2745		
141B	.6198			237B	.3405			342E	.2393		
140B	.3806			236B	.4312			341E	.1848		
139B	.3956			235B	.4910			340E	.1513		
138B	.4176			234B	.5861			339E	.1055		
137B	.3191			233B	.7251			338E	.0545		
136B	.2109			232B	.7401			337E	.1390		
135B	.3226			231B	.1135			336E	.2657		
133B	.5952			230B	-2.6483			335E	.4048		
132B	.7438			218B	-2.6362			334E	.5764		
131B	.5090			219B	-3.2557			333E	.7216		
130B	-.8311			221B	-2.0182			332E	.3238		
115B	-1.1495			222B	-1.6113			331E	-1.1724		
116B	-.7708			223B	-1.4109			315E	-3.0465		
117B	-2.2628			224B	-1.3064			317E	-3.0167		
118B	-3.0922			225B	-1.2202			318E	-2.4947		
120B	-2.6362			226B	-1.3090			319E	-2.4640		
121B	-1.8460			227B	-1.1693			320E	-1.5589		
122B	-1.4109			228B	-1.1657			321E	-1.1592		
123B	-1.1824			229B	-1.2818			322E	-.9611		
124B	-1.0928			255C	.6137			323E	-.8063		
125B	-.9689			254C	.7166			325E	-.5897		
126B	-.9856			253C	.7456			326E	-.4780		
127B	-.9443			252C	.8107			327E	-.4128		
128B	-1.0216			251C	.8793			328E	-.3785		
129B	-1.2141			244C	-.1146			329E	-.3539		
157C	.2426			245C	-2.2265			330E	-.3398		
156C	.4827			246C	-2.0358						
155C	.6972			247C	-1.4733						

TABLE 266.- TABULATED PRESSURE DATA FOR RUN 220 AT ALPHA = 13.03 DEGREES AND QINF = 12.91 KN/SQM (269.60 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
111A	.4369	154C	.7671	214A	.2261	248C	-.8198	313A	-.2914		
110A	.4415	153C	.8561	212A	.2484	249C	-.5449	312A	-.4108		
109A	.6631	152C	.9914	210A	1.0795	250C	-.4168	311A	-.3511		
108A	.6364	145C	-2.0313	202A	-.4518	264D	.1689	310A	-.0994		
101A	-.1644	147C	-1.7671	203A	-1.0408	263D	.6300	309A	.0109		
102A	-1.7072	151C	-.4835	204A	-1.1529	262D	.7110	301A	.4798		
103A	-2.2891	165D	.6843	205A	-1.2597	261D	.7973	303A	-.1430		
104A	-2.4644	164D	.7947	206A	-1.5533	256D	.8153	304A	-.4794		
105A	-2.0418	163D	.9389	242B	.6558	257D	-.3696	305A	-.6048		
106A	-1.8371	158D	.4247	241B	.6807	258D	-.6596	345E	.1362		
107A	-1.3638	159D	-.7717	240B	.5027	259D	-.3572	344E	.1914		
142B	.6451	160D	-.7290	238B	.5072	260D	-.1810	343E	.2279		
141B	.5677			237B	.4052			342E	.1959		
140B	.4199			236B	.5059			341E	.1575		
139B	.4386			235B	.5691			340E	.1460		
138B	.4475			234B	.6618			339E	.1005		
137B	.3692			233B	.7651			338E	.0791		
136B	.2918			232B	.7108			337E	.1843		
135B	.4164			231B	.1183			336E	.3179		
133B	.6540			230B	-2.5898			335E	.4604		
132B	.7386			218B	-3.4034			334E	.6119		
131B	.5997			219B	-4.0674			333E	.7027		
130B	-.3402			221B	-2.4557			332E	.3562		
115B	-.8965			222B	-1.9139			331E	-.9890		
116B	-.8780			223B	-1.6284			315E	-3.7535		
117B	-3.0107			224B	-1.4656			317E	-3.5075		
118B	-3.9642			225B	-1.3161			318E	-2.7562		
120B	-3.1851			226B	-1.3731			319E	-2.5400		
121B	-2.1986			227B	-1.1694			320E	-1.5061		
122B	-1.6168			228B	-1.1133			321E	-1.1368		
123B	-1.3233			229B	-1.1240			322E	-1.0638		
124B	-1.1863			255C	.6184			323E	-.9685		
125B	-1.0137			254C	.7146			325E	-.8455		
126B	-.9941			253C	.7431			326E	-.8001		
127B	-.9390			252C	.8054			327E	-.7377		
128B	-.9888			251C	.8703			328E	-.6121		
129B	-1.1391			244C	-.0894			329E	-.4856		
157C	.2624			245C	-1.9789			330E	-.5355		
156C	.4992			246C	-1.7502						
155C	.7039			247C	-1.2192						

TABLE 267.- TABULATED PRESSURE DATA FOR RUN 220 AT ALPHA = 13.88 DEGREES AND QINF = 12.99 KN/SQM (271.30 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
111A	.5211	154C	.7674	214A	.2851	248C	-.7315	313A	-.2029		
110A	.5076	153C	.8539	212A	.3223	249C	-.4914	312A	-.3356		
109A	.7036	152C	.9978	210A	1.0667	250C	-.3952	311A	-.3055		
108A	.5826	145C	-1.9885	202A	-.7228	264D	.1274	310A	-.0383		
101A	-.3298	147C	-1.7104	203A	-1.2819	263D	.6226	309A	.0651		
102A	-2.0097	151C	-.4534	204A	-1.3402	262D	.7003	301A	.6180		
103A	-2.5847	165D	.6879	205A	-1.4118	261D	.7903	303A	-.0268		
104A	-2.6686	164D	.7948	206A	-1.7059	256D	.8336	304A	-.2962		
105A	-2.1890	163D	.9404	242B	.6597	257D	-.3572	305A	-.3730		
106A	-1.9541	158D	.4337	241B	.6950	258D	-.6600	345E	.0986		
107A	-1.4603	159D	-.7412	240B	.5096	259D	-.3678	344E	.1932		
142B	.6306	160D	-.6970	238B	.5114	260D	-.2115	343E	.2162		
141B	.5688			237B	.4169			342E	.1967		
140B	.4284			236B	.5150			341E	.1525		
139B	.4399			235B	.5840			340E	.1375		
138B	.4593			234B	.6724			339E	.0888		
137B	.3790			233B	.7714			338E	.0588		
136B	.3101			232B	.7042			337E	.1543		
135B	.4258			231B	.1189			336E	.3116		
133B	.6615			230B	-2.5548			335E	.4584		
132B	.7356			218B	-3.5244			334E	.5893		
131B	.6014			219B	-4.1765			333E	.7025		
130B	-.2760			221B	-2.4872			332E	.3700		
115B	-.8127			222B	-1.9381			331E	-.8669		
116B	-.8906			223B	-1.6460			315E	-2.6050		
117B	-3.1235			224B	-1.4774			317E	-3.0802		
118B	-4.1143			225B	-1.3123			318E	-2.5989		
120B	-3.2719			226B	-1.3511			319E	-1.5601		
121B	-2.2489			227B	-1.1358			320E	-1.5460		
122B	-1.6495			228B	-1.0537			321E	-1.1702		
123B	-1.3308			229B	-1.0404			322E	-1.1649		
124B	-1.1825			255C	.6111			323E	-.9182		
125B	-1.0033			254C	.7083			325E	-.9580		
126B	-.9786			253C	.7374			326E	-.8722		
127B	-.9098			252C	.7992			327E	-.7317		
128B	-.9583			251C	.8645			328E	-.6097		
129B	-1.0969			244C	-.0809			329E	-.5504		
157C	.2695			245C	-1.8393			330E	-.5433		
156C	.4982			246C	-1.6230						
155C	.7003			247C	-1.1084						

TABLE 268.- TABULATED PRESSURE DATA FOR RUN 220 AT ALPHA = 14.89 DEGREES AND QINF = 12.94 KN/SQM (270.20 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
111A	.5893	154C	.7674	214A	.3436	248C	-.6785	313A	-.0877		
110A	.5609	153C	.8533	212A	.3782	249C	-.4855	312A	-.2696		
109A	.7169	152C	.9791	210A	1.0252	250C	-.4217	311A	-.1880		
108A	.4989	145C	-1.9510	202A	-1.0544	264D	.1108	310A	.0505		
101A	-.6131	147C	-1.6783	203A	-1.5904	263D	.6105	309A	.0798		
102A	-2.4286	151C	-.4412	204A	-1.5621	262D	.6974	301A	.5813		
103A	-2.9807	165D	.6867	205A	-1.5896	261D	.7886	303A	-.0868		
104A	-3.0099	164D	.7931	206A	-1.9697	256D	.8260	304A	-.3907		
105A	-2.4198	163D	.9401	242B	.6584	257D	-.3801	305A	-.4820		
106A	-2.1265	158D	.4292	241B	.7018	258D	-.6998	345E	.0800		
107A	-1.5807	159D	-.7290	240B	.5095	259D	-.4173	344E	.1590		
142B	.6291	160D	-.6812	238B	.5184	260D	-.2508	343E	.1998		
141B	.5600			237B	.4279			342E	.1741		
140B	.4431			236B	.5291			341E	.1395		
139B	.4528			235B	.5966			340E	.1191		
138B	.4626			234B	.6844			339E	.0791		
137B	.3943			233B	.7741			338E	.0481		
136B	.3270			232B	.6968			337E	.1750		
135B	.4431			231B	.1253			336E	.3028		
133B	.6779			230B	-2.5337			335E	.4421		
132B	.7381			218B	-3.6696			334E	.5921		
131B	.6070			219B	-4.3413			333E	.6898		
130B	-.2055			221B	-2.5603			332E	.3791		
115B	-.7513			222B	-1.9785			331E	-.7720		
116B	-.9454			223B	-1.6765			315E	-2.6785		
117B	-3.3023			224B	-1.4932			317E	-2.1442		
118B	-4.3317			225B	-1.3134			318E	-1.4806		
120B	-3.3701			226B	-1.3312			319E	-1.5692		
121B	-2.3451			227B	-1.0850			320E	-1.3406		
122B	-1.6783			228B	-1.0071			321E	-1.0462		
123B	-1.3648			229B	-.9610			322E	-.9752		
124B	-1.1974			255C	.6070			323E	-1.0009		
125B	-1.0159			254C	.7053			325E	-1.0302		
126B	-.9849			253C	.7372			326E	-.9193		
127B	-.9052			252C	.8001			327E	-.8474		
128B	-.9522			251C	.8639			328E	-.7232		
129B	-1.0708			244C	-.0737			329E	-.7249		
157C	.2685			245C	-1.7119			330E	-.6415		
156C	.4989			246C	-1.5215						
155C	.7018			247C	-1.0336						

TABLE 269.- TABULATED PRESSURE DATA FOR RUN 220 AT ALPHA = 15.95 DEGREES AND QINF = 12.92 KN/SQM (269.80 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
111A	.6633	154C	.7573	214A	.3940	248C	-.6389	313A	-.0410		
110A	.6022	153C	.8460	212A	.4029	249C	-.4935	312A	-.2506		
109A	.7299	152C	.9746	210A	1.0154	250C	-.4340	311A	-.1360		
108A	.4098	145C	-1.9066	202A	-1.3583	264D	.0922	310A	.0995		
101A	-.8750	147C	-1.6502	203A	-1.8868	263D	.6092	309A	.1340		
102A	-2.8258	151C	-.4234	204A	-1.7937	262D	.6935	301A	.6200		
103A	-3.2789	165D	.6846	205A	-1.7653	261D	.7937	303A	-.1435		
104A	-3.2505	164D	.7902	206A	-2.0916	256D	.8203	304A	-.4680		
105A	-2.5864	163D	.9347	242B	.6757	257D	-.3879	305A	-.5549		
106A	-2.2468	158D	.4229	241B	.7130	258D	-.7108	345E	.0753		
107A	-1.6819	159D	-.7081	240B	.5179	259D	-.4145	344E	.1481		
142B	.6146	160D	-.6656	238B	.5143	260D	-.2557	343E	.1996		
141B	.5383			237B	.4206			342E	.1711		
140B	.4363			236B	.5289			341E	.1285		
139B	.4496			235B	.6008			340E	.1285		
138B	.4664			234B	.6878			339E	.0930		
137B	.3937			233B	.7784			338E	.0682		
136B	.3370			232B	.6861			337E	.1747		
135B	.4540			231B	.1214			336E	.3141		
133B	.6864			230B	-2.5109			335E	.4464		
132B	.7396			218B	-3.7645			334E	.5911		
131B	.6146			219B	-4.4191			333E	.6870		
130B	-.1473			221B	-2.5914			332E	.3860		
115B	-.6830			222B	-1.9917			331E	-.7255		
116B	-.9761			223B	-1.6405			315E	-2.7327		
117B	-3.4824			224B	-1.4542			317E	-2.1102		
118B	-4.5114			225B	-1.2705			318E	-1.4700		
120B	-3.4736			226B	-1.2670			319E	-1.5409		
121B	-2.3865			227B	-1.0248			320E	-1.3077		
122B	-1.7096			228B	-.9228			321E	-1.0496		
123B	-1.3761			229B	-.8643			322E	-.9501		
124B	-1.1996			255C	.6075			323E	-.9448		
125B	-1.0000			254C	.7077			325E	-.9803		
126B	-.9574			253C	.7378			326E	-.9351		
127B	-.8749			252C	.8008			327E	-.9315		
128B	-.9184			251C	.8673			328E	-.8037		
129B	-1.0266			244C	-.0774			329E	-.7344		
157C	.2696			245C	-1.6325			330E	-.6865		
156C	.4984			246C	-1.4107						
155C	.6997			247C	-.9033						

TABLE 270 .- TABULATED PRESSURE DATA FOR RUN 220 AT ALPHA = 16.88 DEGREES AND QINF = 12.99 KN/SQM (271.20 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
111A	.6952	154C	.7578	214A	.3833	248C	-1.0255	313A	-.0025		
110A	.6387	153C	.8407	212A	.4363	249C	-.9268	312A	-.2259		
109A	.7340	152C	.9722	210A	.9942	250C	-.8589	311A	-.1032		
108A	.3326	145C	-1.8639	202A	-1.2526	264D	-.0767	310A	.1553		
101A	-1.0365	147C	-1.5862	203A	-1.7484	263D	.5443	309A	.1977		
102A	-3.0689	151C	-.4101	204A	-1.6363	262D	.6502	301A	.6564		
103A	-3.5248	165D	.6811	205A	-1.6134	261D	.7737	303A	-.1631		
104A	-3.4199	164D	.7825	206A	-2.1003	256D	.7430	304A	-.5001		
105A	-2.6852	163D	.9281	242B	.6361	257D	-.7319	305A	-.5813		
106A	-2.3420	158D	.4177	241B	.6873	258D	-1.2477	345E	.0911		
107A	-1.7395	159D	-.7117	240B	.4738	259D	-.8307	344E	.1511		
142B	.6140	160D	-.6499	238B	.4914	260D	-.6050	343E	.1944		
141B	.5391			237B	.3921			342E	.1723		
140B	.4411			236B	.5210			341E	.1325		
139B	.4473			235B	.5846			340E	.1317		
138B	0.0000			234B	.6817			339E	.1061		
137B	.4014			233B	.7762			338E	.0672		
136B	.3485			232B	.7064			337E	.1891		
135B	.4703			231B	.1679			336E	.3180		
133B	.6952			230B	-2.3642			335E	.4583		
132B	.7384			218B	-3.4671			334E	.5952		
131B	.6158			219B	-4.1062			333E	.6914		
130B	-.1155			221B	-2.2897			332E	.3903		
115B	-.6174			222B	-1.6823			331E	-.6956		
116B	-.9782			223B	-1.3579			315E	-2.5820		
117B	-3.5029			224B	-1.1833			317E	-1.9151		
118B	-4.5555			225B	-1.0802			318E	-1.3558		
120B	-3.4828			226B	-1.0308			319E	-1.4211		
121B	-2.3805			227B	-.9435			320E	-1.1961		
122B	-1.7052			228B	-.9091			321E	-.9807		
123B	-1.3570			229B	-1.0140			322E	-.9331		
124B	-1.1745			255C	.5602			323E	-.9030		
125B	-.9788			254C	.6696			325E	-.9233		
126B	-.9303			253C	.7084			326E	-.8792		
127B	-.8536			252C	.7799			327E	-.8474		
128B	-.8941			251C	.8513			328E	-.7768		
129B	-.9982			244C	-.0540			329E	-.7150		
157C	.2735			245C	-1.8754			330E	-.6585		
156C	.5029			246C	-1.7149						
155C	.7014			247C	-1.2909						

TABLE 271 .- TABULATED PRESSURE DATA FOR RUN 220 AT ALPHA = 17.94 DEGREES AND QINF = 12.93 KN/SQM (270.10 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
111A	.7057	154C	.7463	214A	.4050	248C	-.9413	313A	-.0951		
110A	.6633	153C	.8337	212A	.4244	249C	-.8592	312A	-.2294		
109A	.7163	152C	.9678	210A	.9881	250C	-.7877	311A	-.2046		
108A	.2335	145C	-1.8345	202A	-1.4435	264D	-.1072	310A	.0896		
101A	-1.2749	147C	-1.5335	203A	-1.9183	263D	.5486	309A	.1081		
102A	-3.4703	151C	-.4117	204A	-1.7709	262D	.6554	301A	.6201		
103A	-3.8368	165D	.6633	205A	-1.6959	261D	.7569	303A	-.1478		
104A	-3.6697	164D	.7648	206A	-2.0154	256D	.7657	304A	-.5520		
105A	-2.8592	163D	.9193	242B	.6395	257D	-.6915	305A	-.6350		
106A	-2.4558	158D	.4109	241B	.6942	258D	-1.1072	345E	.0807		
107A	-1.8300	159D	-.7083	240B	.4718	259D	-.7647	344E	.1744		
142B	.5883	160D	-.6765	238B	.4877	260D	-.5759	343E	.1965		
141B	.5318			237B	.3926			342E	.1611		
140B	.4480			236B	.5119			341E	.1293		
139B	.4480			235B	.5896			340E	.1240		
138B	.4674			234B	.6912			339E	.0975		
137B	.4012			233B	.7796			338E	.0639		
136B	.3579			232B	.7054			337E	.1735		
135B	.4744			231B	.1885			336E	.3069		
133B	.7022			230B	-2.2906			335E	.4491		
132B	.7427			218B	-3.5175			334E	.5967		
131B	.6174			219B	-3.9549			333E	.6850		
130B	-.0798			221B	-2.2299			332E	.3944		
115B	-.5944			222B	-1.6809			331E	-.7250		
116B	-1.0251			223B	-1.3764			315E	-2.6032		
117B	-3.6496			224B	-1.3349			317E	-2.3702		
118B	-4.6782			225B	-.9836			318E	-1.2202		
120B	-3.5096			226B	-.9819			319E	-1.4664		
121B	-2.4311			227B	-.8901			320E	-1.1990		
122B	-1.6941			228B	-.8371			321E	-.9768		
123B	-1.3561			229B	-.9969			322E	-.8735		
124B	-1.1769			255C	.5556			323E	-.8152		
125B	-.9607			254C	.6721			325E	-.8169		
126B	-.9068			253C	.7030			326E	-.7745		
127B	-.8398			252C	.7763			327E	-.7109		
128B	-.8548			251C	.8504			328E	-.6729		
129B	-.9669			244C	-.0701			329E	-.6181		
157C	.2494			245C	-1.6791			330E	-.5978		
156C	.4780			246C	-1.5264						
155C	.6863			247C	-1.2158						

TABLE 272.- TABULATED PRESSURE DATA FOR RUN 220 AT ALPHA = 18.80 DEGREES AND QINF = 13.09 KN/SQM (273.40 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
111A	.7029	154C	.7385	214A	.4268	248C	-.8404	313A	.0363		
110A	.6812	153C	.8236	212A	.5746	249C	-.7483	312A	-.1681		
109A	.7125	152C	.9539	210A	1.0077	250C	-.7692	311A	-.1820		
108A	.2009	145C	-1.7887	202A	-1.4744	264D	-.2133	310A	.0542		
101A	-1.4370	147C	-1.5595	203A	-2.1474	263D	.5240	309A	.1653		
102A	-3.6050	151C	-.4313	204A	-1.0019	262D	.6439	301A	.6560		
103A	-3.8167	165D	.6491	205A	-1.6897	261D	.7463	303A	-.2637		
104A	-3.7530	164D	.7594	206A	-1.0280	256D	.7585	304A	-.5564		
105A	-2.8422	163D	.9096	242B	.6551	257D	-.6936	305A	-.6858		
106A	-2.4523	158D	.4042	241B	.6630	258D	-1.1426	345E	.0841		
107A	-1.7948	159D	-.8195	240B	.4667	259D	-.7379	344E	.1615		
142B	.5918	160D	-.6832	238B	.4988	260D	-.6042	343E	.2085		
141B	.5336			237B	.4007			342E	.1920		
140B	.4354			236B	.4798			341E	.1398		
139B	.4502			235B	.5555			340E	.1354		
138B	.4676			234B	.6633			339E	.1024		
137B	.3937			233B	.7790			338E	.0806		
136B	.3451			232B	.7407			337E	.1998		
135B	.4762			231B	.3659			336E	.3346		
133B	.7064			230B	-2.2294			335E	.4633		
132B	.7403			218B	-3.3683			334E	.5990		
131B	.6265			219B	-3.3295			333E	.6851		
130B	-.0466			221B	-1.5699			332E	.3972		
115B	-.5486			222B	-1.6611			331E	-.7073		
116B	-1.0245			223B	-1.3814			315E	-2.4427		
117B	-3.6411			224B	-1.3962			317E	-2.3672		
118B	-4.6550			225B	-1.0488			318E	-1.2729		
120B	-3.4500			226B	-1.1313			319E	-1.5178		
121B	-2.3672			227B	-1.0149			320E	-1.1626		
122B	-1.6576			228B	-.8760			321E	-.9587		
123B	-1.3250			229B	-.9003			322E	-.9161		
124B	-1.1339			255C	.5448			323E	-.8943		
125B	-.9046			254C	.6699			325E	-.8047		
126B	-.8543			253C	.7064			326E	-.7517		
127B	-.7900			252C	.7767			327E	-.7013		
128B	-.8421			251C	.8549			328E	-.6760		
129B	-.9637			244C	-.0935			329E	-.6273		
157C	.2548			245C	-1.5621			330E	-.5856		
156C	.4788			246C	-1.3945						
155C	.6786			247C	-1.0835						

TABLE 273.- TABULATED PRESSURE DATA FOR RUN 220 AT ALPHA = 20.86 DEGREES AND QINF = 13.07 KN/SQM (273.00 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
111A	.7041	154C	.7292	214A	.4692	248C	-.8860	313A	.0337		
110A	.6819	153C	.8097	212A	.5514	249C	-.8436	312A	-.1464		
109A	.7095	152C	.9628	210A	1.3898	250C	-.7917	311A	-.1023		
108A	.1770	145C	-1.5323	202A	-1.1343	264D	-.2058	310A	.1805		
101A	-1.3617	147C	-1.2321	203A	-1.4619	263D	.5277	309A	.2721		
102A	-3.3316	151C	-.5832	204A	-1.0557	262D	.6401	301A	.6663		
103A	-3.6357	165D	.6099	205A	-1.1386	261D	.7543	303A	-.2690		
104A	-3.4164	164D	.7448	206A	-1.2406	256D	.7664	304A	-.6632		
105A	-2.5667	163D	.9195	242B	.6609	257D	-.6922	305A	-.7566		
106A	-2.1898	158D	.3978	241B	.6739	258D	-1.1603	345E	.0830		
107A	-1.5726	159D	-.9535	240B	.4749	259D	-.7450	344E	.1592		
142B	.6523	160D	-.9604	238B	.4775	260D	-.6230	343E	.1904		
141B	.5459			237B	.3956			342E	.1713		
140B	.4222			236B	.5177			341E	.1298		
139B	.4377			235B	.5809			340E	.1384		
138B	.4524			234B	.6805			339E	.1047		
137B	.3893			233B	.7809			338E	.0986		
136B	.3409			232B	.7488			337E	.1973		
135B	.4741			231B	.3393			336E	.3402		
133B	.7033			230B	-1.2919			335E	.4718		
132B	.7405			218B	-1.0384			334E	.6120		
131B	.6367			219B	-1.4152			333E	.6779		
130B	.0208			221B	-1.4440			332E	.4146		
115B	-.4462			222B	-1.3991			331E	-.5837		
116B	-.8724			223B	-1.2087			315E	-2.1993		
117B	-3.0810			224B	-1.2105			317E	-2.2485		
118B	-3.8748			225B	-1.0919			318E	-1.4818		
120B	-2.7785			226B	-.9726			319E	-1.3115		
121B	-1.8688			227B	-.9025			320E	-1.2009		
122B	-1.3471			228B	-.8462			321E	-.9144		
123B	-1.0755			229B	-.8134			322E	-.8209		
124B	-.9414			255C	.5415			323E	-.7750		
125B	-.7355			254C	.6644			325E	-.7750		
126B	-.6741			253C	.6990			326E	-.7889		
127B	-.6568			252C	.7759			327E	-.6884		
128B	-.6836			251C	.8598			328E	-.6910		
129B	-.7589			244C	-.0815			329E	-.6477		
157C	.1679			245C	-1.5288			330E	-.6287		
156C	.4256			246C	-1.4596						
155C	.6635			247C	-1.0989						

TABLE 274.- TABULATED PRESSURE DATA FOR RUN 220 AT ALPHA = 24.91 DEGREES AND QINF = 13.20 KN/SQM (275.70 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
111A	.6748	154C	.7343	214A	.5743	248C	-.9468	313A	.2077		
110A	.7268	153C	.8040	212A	.4952	249C	-.8517	312A	.0113		
109A	.5747	152C	.9485	210A	1.1660	250C	-.8610	311A	.0513		
108A	-.2544	145C	-1.4668	202A	-2.0835	264D	-.2337	310A	.3581		
101A	-2.1736	147C	-1.2425	203A	-2.2186	263D	.5261	309A	.4294		
102A	-4.4716	151C	-.5654	204A	-1.5798	262D	.6408	301A	.6503		
103A	-4.4590	165D	.6145	205A	-1.3742	261D	.7513	303A	-.5458		
104A	-3.8907	164D	.7360	206A	-1.4166	256D	.7531	304A	-.9162		
105A	-2.8881	163D	.9060	242B	.6544	257D	-.6996	305A	-.8687		
106A	-2.4132	158D	.4235	241B	.7224	258D	-1.2085	345E	.0717		
107A	-1.6579	159D	-.9689	240B	.5031	259D	-.8330	344E	.1601		
142B	.6357	160D	-1.0131	238B	.5218	260D	-.6741	343E	.2043		
141B	.5431			237B	.4288			342E	.1746		
140B	.4479			236B	.5505			341E	.1465		
139B	.4539			235B	.6253			340E	.1525		
138B	.4810			234B	.7180			339E	.1321		
137B	.4156			233B	.7937			338E	.1235		
136B	.3893			232B	.7418			337E	.2452		
135B	.5252			231B	.4484			336E	.3829		
133B	.7335			230B	-1.2142			335E	.5037		
132B	.7428			218B	-1.1065			334E	.6193		
131B	.6527			219B	-1.7650			333E	.6678		
130B	.1572			221B	-1.3121			332E	.4442		
115B	-.3196			222B	-1.2187			331E	-.4165		
116B	-.8908			223B	-.9621			315E	-2.1285		
117B	-3.1523			224B	-.9290			317E	-1.7055		
118B	-3.9555			225B	-.9094			318E	-1.1796		
120B	-2.7734			226B	-.9120			319E	-1.2093		
121B	-1.8159			227B	-.8891			320E	-1.1371		
122B	-1.2960			228B	-.8712			321E	-.7728		
123B	-.9919			229B	-.8296			322E	-.6588		
124B	-.8440			255C	.5558			323E	-.6588		
125B	-.7013			254C	.6706			325E	-.6138		
126B	-.7056			253C	.7071			326E	-.6529		
127B	-.7268			252C	.7802			327E	-.6401		
128B	-.7353			251C	.8533			328E	-.6427		
129B	-.8100			244C	-.0658			329E	-.6478		
157C	.1708			245C	-1.5627			330E	-.6435		
156C	.4284			246C	-1.4744						
155C	.6587			247C	-1.1057						

RUN NUMBER 220

LONGITUDINAL STABILITY-AXIS DATA

TEST NUMBER 496

MACH	Q,PSF	R	ALPHA,DEG	UNCORRECTED CL	UNCORRECTED CD	UNCORRECTED CM	UNCORRECTED L/D	CORRECTED FOR STRUT INTERFERENCE CL	CORRECTED FOR STRUT INTERFERENCE CD	CORRECTED FOR STRUT INTERFERENCE CM	CORRECTED FOR STRUT INTERFERENCE L/D	ISUBT
.204	272.00	4.26	-3.92	.6830	.1363	-.4490	5.01	.3786	.1385	-.4156	2.73	OFF
.203	269.90	4.25	-1.85	1.0090	.1367	-.5097	7.38	.7563	.1381	-.4934	5.48	OFF
.203	271.20	4.26	.70	1.3180	.1486	-.5162	8.87	1.1543	.1499	-.5404	7.70	OFF
.203	269.90	4.24	2.50	1.5000	.1631	-.4915	9.20	1.3856	.1669	-.5342	8.30	OFF
.203	270.20	4.24	4.61	1.7080	.1641	-.4573	9.28	1.6168	.1902	-.5055	8.50	OFF
.203	271.40	4.24	6.58	1.8970	.2065	-.4186	9.19	1.8125	.2133	-.4685	8.50	OFF
.204	272.60	4.25	8.92	2.0810	.2391	-.3680	8.70	2.0076	.2471	-.4181	8.13	OFF
.203	270.70	4.23	10.82	2.2380	.2660	-.3146	8.41	2.1809	.2750	-.3632	7.93	OFF
.203	269.60	4.22	13.03	2.3980	.2999	-.2365	8.00	2.3755	.3075	-.2700	7.72	OFF
.203	271.30	4.23	13.88	2.4390	.3198	-.1960	7.63	2.4287	.3256	-.2093	7.46	OFF
.203	270.20	4.22	14.89	2.4870	.3395	-.1549	7.33	2.4845	.3433	-.1564	7.24	OFF
.203	269.80	4.21	15.95	2.4970	.3572	-.1026	6.99	2.4970	.3592	-.1052	6.95	OFF
.203	271.20	4.22	16.88	2.3970	.3941	.0101	6.08	2.3970	.3950	-.0026	6.07	OFF
.203	270.10	4.21	17.94	2.3330	.4317	.0697	5.40	2.3330	.4317	.0490	5.40	OFF
.204	273.40	4.23	18.80	2.1030	.4318	.0574	4.87	2.1030	.4318	.0330	4.87	OFF
.203	272.40	4.23	19.78	2.0340	.4749	.0596	4.28	2.0340	.4749	.0337	4.28	OFF
.204	273.00	4.23	20.86	2.0540	.5248	.0834	3.91	2.0540	.5248	.0573	3.91	OFF
.203	271.00	4.22	22.86	1.9480	.5423	.1376	3.59	1.9480	.5423	.1135	3.59	OFF
.204	275.70	4.26	24.91	2.1340	.6796	.1687	3.14	2.1340	.6796	.1484	3.14	OFF
.202	270.20	4.18	.64	1.3030	.1525	-.5113	8.54	1.1373	.1538	-.5347	7.40	OFF

LANDING WING CONFIGURATION, ASPECT RATIO 10, INBOARD SLATS -40, OUTBOARD SLATS -60, FLAPS 45

Table 275 . Tabulated longitidinal data for run 220.

TABLE 276.- TABULATED PRESSURE DATA FOR RUN 216 AT ALPHA = -5.73 DEGREES AND QINF = 12.92 KN/SQM (269.80 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
111A	-.4563	154C	.7172	214A	-.5393	248C	-.8124	313A	-.5198		
110A	-.5312	153C	.8063	212A	-.7776	249C	-.5343	312A	-.5119		
109A	-1.4526	152C	.9378	210A	1.3469	250C	-.3718	311A	-.5101		
108A	-2.4869	145C	-2.2341	202A	-.0498	264D	.2266	310A	-.5682		
101A	-1.7039	147C	-1.9692	203A	.6142	263D	.5372	309A	-.5286		
102A	-.2755	151C	-.7100	204A	.7720	262D	.5787	301A	-.5577		
103A	.5781	165D	.6307	205A	.7253	261D	.5346	303A	.0825		
104A	.7676	164D	.7525	206A	.5710	256D	.4132	304A	.6980		
105A	.6874	163D	.9104	242B	.0396	257D	-.3268	305A	.7147		
106A	.5260	158D	.0052	241B	.2222	258D	-.3577	345E	-.1146		
107A	.2703	159D	-1.0182	240B	.0431	259D	-.1193	344E	-.1490		
142B	.5266	160D	-.9873	238B	-.2630	260D	.0035	343E	-.1438		
141B	.4190			237B	-.4819			342E	-.1800		
140B	.2557			236B	-.5243			341E	-.2223		
139B	.2549			235B	-.5719			340E	-.2744		
138B	.2602			234B	-.5516			339E	-.3283		
137B	.1084			233B	-.5737			338E	-.3883		
136B	-.0575			232B	-.5958			337E	-.4307		
135B	.0290			231B	-.6019			336E	-.4430		
133B	-.5639			230B	-.6028			335E	-.4792		
132B	-.4501			218B	-.3178			334E	-.4995		
131B	-.4457			219B	-.5532			333E	-.5401		
130B	-.5621			221B	-.4513			332E	-.5393		
115B	-.5763			222B	-.4160			331E	-.5357		
116B	-.5559			223B	-.4230			315E	-.5471		
117B	.3523			224B	-.4539			317E	-.0021		
118B	-.3919			225B	-.5122			318E	-.3584		
120B	-.7543			226B	-.7188			319E	-.3760		
121B	-.5572			227B	-.6623			320E	-.3178		
122B	-.5051			228B	-.7524			321E	-.2806		
123B	-.4990			229B	-.9811			322E	-.3027		
124B	-.5334			255C	.5054			323E	-.2912		
125B	-.5617			254C	.4807			325E	-.3433		
126B	-.6844			253C	.3422			326E	-.3539		
127B	-.7038			252C	.1684			327E	-.2974		
128B	-.8478			251C	-.1978			328E	-.2603		
129B	-1.1957			244C	-.2809			329E	-.2135		
157C	.1825			245C	-1.5418			330E	-.1517		
156C	.4243			246C	-1.3581						
155C	.6484			247C	-1.1321						

TABLE 277 .- TABULATED PRESSURE DATA FOR RUN 216 AT ALPHA = .51 DEGREES AND QINF = 12.91 KN/SQM (269.60 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
111A	-.0978	154C	.7421	214A	-.4756	248C	-1.1141	313A	-.7332		
110A	-.6244	153C	.8415	212A	-.6843	249C	-.8137	312A	-.7420		
109A	-1.0183	152C	.9843	210A	1.2708	250C	-.6457	311A	-.7305		
108A	-1.0946	145C	-2.1565	202A	.4190	264D	.1852	310A	-.8595		
101A	-.2171	147C	-1.9548	203A	.7607	263D	.6295	309A	-1.3857		
102A	.5841	151C	-.6653	204A	.6764	262D	.7058	301A	-2.9969		
103A	.7127	165D	.6401	205A	.4723	261D	.8051	303A	.2150		
104A	.5131	164D	.7625	206A	.2105	256D	.7398	304A	.6923		
105A	.2709	163D	.9266	242B	.6756	257D	-.5577	305A	.5805		
106A	.0553	158D	.3523	241B	.4823	258D	-.8581	345E	.2614		
107A	-.1692	159D	-.9674	240B	.3962	259D	-.4137	344E	.2987		
142B	.6322	160D	-.9488	238B	.3457	260D	-.1347	343E	.3200		
141B	.6180			237B	.1886			342E	.2809		
140B	.3324			236B	.2552			341E	.2063		
139B	.3404			235B	.2996			340E	.1460		
138B	.3492			234B	.3964			339E	.0785		
137B	.2189			233B	.6299			338E	-.0174		
136B	.0592			232B	.5509			337E	.0128		
135B	.1515			231B	-.5591			336E	.0998		
133B	.6694			230B	-2.0793			335E	.2241		
132B	-.3443			218B	-1.2020			334E	.4843		
131B	-.4907			219B	-1.6084			333E	.6148		
130B	-.8082			221B	-1.1461			332E	-.4907		
115B	-.5208			222B	-.9825			331E	-1.7934		
116B	-.5161			223B	-.9061			315E	-1.4061		
117B	-1.0032			224B	-.8883			317E	-1.3582		
118B	-1.5294			225B	-.8963			318E	-1.2703		
120B	-1.5640			226B	-1.0394			319E	-1.3679		
121B	-1.1727			227B	-.9861			320E	-.8968		
122B	-.9576			228B	-1.0474			321E	-.7376		
123B	-.8554			229B	-1.2518			322E	-.6550		
124B	-.8288			255C	.5878			323E	-.5831		
125B	-.7977			254C	.6969			325E	-.5041		
126B	-.8759			253C	.7226			326E	-.4312		
127B	-.8759			252C	.7998			327E	-.3247		
128B	-.9799			251C	.8894			328E	-.2004		
129B	-1.2287			244C	-.2005			329E	-.1275		
157C	.1976			245C	-2.1663			330E	-.0920		
156C	.4450			246C	-2.0028						
155C	.6694			247C	-1.5229						

TABLE 278.- TABULATED PRESSURE DATA FOR RUN 216 AT ALPHA = 4.72 DEGREES AND QINF = 12.85 KN/SQM (268.30 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
111A	-.0661	154C	.7554	214A	-.5309	248C	-1.1208	313A	-.6283		
110A	-.4210	153C	.8510	212A	-.7963	249C	-.8011	312A	-.6265		
109A	-.4174	152C	.9992	210A	1.3973	250C	-.6162	311A	-.6301		
108A	-.1835	145C	-2.0959	202A	.7591	264D	.2000	310A	-.7637		
101A	.4494	147C	-1.8870	203A	.5895	263D	.6358	309A	-.9726		
102A	.7046	151C	-.6010	204A	.3413	262D	.7117	301A	-1.2270		
103A	.4413	165D	.6572	205A	.0646	261D	.8072	303A	.2842		
104A	.0664	164D	.7777	206A	-.2567	256D	.7456	304A	.4378		
105A	-.1693	163D	.9349	242B	.6733	257D	-.5332	305A	.2574		
106A	-.3478	158D	.3786	241B	.5456	258D	-.8100	345E	.2279		
107A	-.4558	159D	-.8886	240B	.4339	259D	-.3814	344E	.2771		
142B	.6652	160D	-.8689	238B	.3946	260D	-.1179	343E	.2994		
141B	.6259			237B	.2655			342E	.2708		
140B	.3411			236B	.3432			341E	.2029		
139B	.3562			235B	.3977			340E	.1519		
138B	.3759			234B	.4951			339E	.1019		
137B	.2750			233B	.6658			338E	.0241		
136B	.1437			232B	.7481			337E	.0903		
135B	.2473			231B	.0349			336E	.1993		
133B	.6340			230B	-2.7303			335E	.3432		
132B	.4786			218B	-1.9152			334E	.5282		
131B	-.4671			219B	-2.4464			333E	.7382		
130B	-1.5932			221B	-1.5941			332E	.2351		
115B	-1.1029			222B	-1.3163			331E	-1.4148		
116B	-.9423			223B	-1.1788			315E	-2.2652		
117B	-1.9027			224B	-1.1199			317E	-2.2375		
118B	-2.4883			225B	-1.0708			318E	-1.9501		
120B	-2.1500			226B	-1.1904			319E	-2.0813		
121B	-1.5574			227B	-1.0958			320E	-1.2609		
122B	-1.1958			228B	-1.1386			321E	-.9741		
123B	-1.0324			229B	-1.3190			322E	-.8535		
124B	-.9699			255C	.5965			323E	-.7346		
125B	-.8904			254C	.7063			325E	-.5747		
126B	-.9368			253C	.7331			326E	-.4710		
127B	-.9073			252C	.8027			327E	-.3217		
128B	-.9895			251C	.8876			328E	-.2359		
129B	-1.1788			244C	-.1456			329E	-.2154		
157C	.2250			245C	-2.2638			330E	-.2038		
156C	.4634			246C	-2.0691						
155C	.6840			247C	-1.5548						

TABLE 279.- TABULATED PRESSURE DATA FOR RUN 216 AT ALPHA = 8.84 DEGREES AND QINF = 12.90 KN/SQM (269.40 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
111A	-.0636	154C	.7642	214A	-.1645	248C	-1.0355	313A	-.5351		
110A	-.1546	153C	.8559	212A	-.5859	249C	-.7194	312A	-.5636		
109A	.0555	152C	.9966	210A	1.1719	250C	-.5395	311A	-.5217		
108A	.3956	145C	-2.0426	202A	.5122	264D	.2097	310A	-.4297		
101A	.6930	147C	-1.7844	203A	.0217	263D	.6423	309A	-.4110		
102A	.4045	151C	-.5262	204A	-.2427	262D	.7153	301A	-.0139		
103A	-.1350	165D	.6690	205A	-.4876	261D	.8079	303A	.1641		
104A	-.5641	164D	.7847	206A	-.8179	256D	.7543	304A	-.0291		
105A	-.7377	163D	.9378	242B	.6637	257D	-.4629	305A	-.1875		
106A	-.8802	158D	.4071	241B	.6156	258D	-.7319	345E	.1768		
107A	-.9096	159D	-.8049	240B	.4687	259D	-.3445	344E	.2374		
142B	.6690	160D	-.7675	238B	.4554	260D	-.1156	343E	.2704		
141B	.6272			237B	.3381			342E	.2401		
140B	.3735			236B	.4299			341E	.1848		
139B	.3842			235B	.4878			340E	.1599		
138B	.4118			234B	.5858			339E	.1162		
137B	.3183			233B	.7248			338E	.0601		
136B	.2195			232B	.7391			337E	.1412		
135B	.3361			231B	.1091			336E	.2668		
133B	.6521			230B	-2.6557			335E	.4085		
132B	.6886			218B	-2.6314			334E	.5787		
131B	.0361			219B	-3.2404			333E	.7212		
130B	-1.6684			221B	-2.0106			332E	.3176		
115B	-1.5937			222B	-1.6036			331E	-1.1909		
116B	-1.4473			223B	-1.4024			315E	-3.0703		
117B	-2.8789			224B	-1.2973			317E	-3.0605		
118B	-3.4665			225B	-1.2145			318E	-2.5352		
120B	-2.7320			226B	-1.3125			319E	-2.4649		
121B	-1.9073			227B	-1.1682			320E	-1.5791		
122B	-1.4184			228B	-1.1753			321E	-1.1633		
123B	-1.1887			229B	-1.2893			322E	-.9806		
124B	-1.0836			255C	.6120			323E	-.8158		
125B	-.9598			254C	.7135			325E	-.5797		
126B	-.9518			253C	.7420			326E	-.4656		
127B	-.9117			252C	.8096			327E	-.4015		
128B	-.9892			251C	.8800			328E	-.3631		
129B	-1.1433			244C	-.1103			329E	-.3605		
157C	.2480			245C	-2.2038			330E	-.3480		
156C	.4865			246C	-2.0204						
155C	.6966			247C	-1.4736						

TABLE 280 .- TABULATED PRESSURE DATA FOR RUN 216 AT ALPHA = 10.91 DEGREES AND QINF = 12.86 KN/SQM (268.60 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
111A	.1031	154C	.7660	214A	.0801	248C	-.9544	313A	-.4126		
110A	.0225	153C	.8536	212A	.0318	249C	-.6451	312A	-.4815		
109A	.2906	152C	.9948	210A	1.1735	250C	-.4752	311A	-.4376		
108A	.5953	145C	-1.9728	202A	.0851	264D	.2050	310A	-.2446		
101A	.6561	147C	-1.7189	203A	-.4859	263D	.6392	309A	-.1580		
102A	.0395	151C	-.4734	204A	-.6843	262D	.7178	301A	.3907		
103A	-.6003	165D	.6749	205A	-.8701	261D	.8045	303A	.0502		
104A	-1.0131	164D	.7911	206A	-1.1945	256D	.7793	304A	-.2795		
105A	-1.1194	163D	.9403	242B	.6597	257D	-.4037	305A	-.4350		
106A	-1.2151	158D	.4207	241B	.6517	258D	-.6719	345E	.1426		
107A	-1.1900	159D	-.7550	240B	.4864	259D	-.3295	344E	.2052		
142B	.6660	160D	-.7166	238B	.4819	260D	-.1292	343E	.2437		
141B	.6088			237B	.3778			342E	.2240		
140B	.4096			236B	.4699			341E	.1802		
139B	.4123			235B	.5343			340E	.1561		
138B	.4408			234B	.6317			339E	.1167		
137B	.3479			233B	.7506			338E	.0774		
136B	.2649			232B	.7256			337E	.1686		
135B	.3801			231B	.1203			336E	.3000		
133B	.6731			230B	-2.6041			335E	.4386		
132B	.6999			218B	-3.0085			334E	.5986		
131B	.1871			219B	-3.6380			333E	.7131		
130B	-1.4800			221B	-2.2473			332E	.3420		
115B	-1.6497			222B	-1.7761			331E	-1.0760		
116B	-1.6994			223B	-1.5222			315E	-3.4352		
117B	-3.3944			224B	-1.3792			317E	-3.3927		
118B	-3.9896			225B	-1.2683			318E	-2.7565		
120B	-3.0326			226B	-1.3407			319E	-2.5733		
121B	-2.1052			227B	-1.1744			320E	-1.5341		
122B	-1.5383			228B	-1.1458			321E	-1.1699		
123B	-1.2763			229B	-1.2245			322E	-1.0072		
124B	-1.1404			255C	.6177			323E	-.8740		
125B	-.9875			254C	.7187			325E	-.7515		
126B	-.9741			253C	.7446			326E	-.6361		
127B	-.9097			252C	.8089			327E	-.6039		
128B	-.9688			251C	.8715			328E	-.4770		
129B	-1.0993			244C	-.0997			329E	-.4528		
157C	.2559			245C	-2.1275			330E	-.4215		
156C	.4944			246C	-1.9165						
155C	.6999			247C	-1.3684						

TABLE 281.- TABULATED PRESSURE DATA FOR RUN 216 AT ALPHA = 12.89 DEGREES AND QINF = 12.89 KN/SQM (269.20 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
111A	.2514	154C	.7648	214A	.2277	248C	-.8222	313A	-.2843		
110A	.1654	153C	.8522	212A	.2349	249C	-.5456	312A	-.4083		
109A	.4451	152C	.9948	210A	1.0581	250C	-.4110	311A	-.3664		
108A	.6893	145C	-1.9273	202A	-.3959	264D	.1720	310A	-.0956		
101A	.5253	147C	-1.6660	203A	-.9553	263D	.6320	309A	-.0128		
102A	-.3674	151C	-.4324	204A	-1.0917	262D	.7114	301A	.5877		
103A	-1.0489	165D	.6784	205A	-1.2262	261D	.7978	303A	-.0992		
104A	-1.4480	164D	.7934	206A	-1.5131	256D	.7888	304A	-.4921		
105A	-1.4525	163D	.9396	242B	.6614	257D	-.3583	305A	-.6418		
106A	-1.4952	158D	.4347	241B	.6757	258D	-.6402	345E	.1430		
107A	-1.4026	159D	-.7356	240B	.5010	259D	-.3432	344E	.2081		
142B	.6534	160D	-.6866	238B	.5019	260D	-.1782	343E	.2331		
141B	.5732			237B	.4043			342E	.2081		
140B	.4288			236B	.5042			341E	.1680		
139B	.4314			235B	.5720			340E	.1394		
138B	.4493			234B	.6603			339E	.1198		
137B	.3708			233B	.7665			338E	.0903		
136B	.3040			232B	.7147			337E	.1885		
135B	.4216			231B	.1207			336E	.3258		
133B	.6971			230B	-2.5651			335E	.4632		
132B	.6989			218B	-3.3394			334E	.6148		
131B	.2496			219B	-3.9887			333E	.7040		
130B	-1.3541			221B	-2.4170			332E	.3553		
115B	-1.7000			222B	-1.8890			331E	-.9809		
116B	-1.9425			223B	-1.6026			315E	-3.5958		
117B	-3.8704			224B	-1.4385			317E	-3.5914		
118B	-4.4726			225B	-1.3003			318E	-2.7104		
120B	-3.2735			226B	-1.3476			319E	-2.5715		
121B	-2.2734			227B	-1.1620			320E	-1.6431		
122B	-1.6250			228B	-1.1085			321E	-1.1460		
123B	-1.3208			229B	-1.1156			322E	-1.0264		
124B	-1.1683			255C	.6222			323E	-.9319		
125B	-1.0006			254C	.7158			325E	-.8454		
126B	-.9667			253C	.7461			326E	-.7356		
127B	-.8917			252C	.8058			327E	-.6982		
128B	-.9337			251C	.8727			328E	-.6375		
129B	-1.0478			244C	-.0809			329E	-.5260		
157C	.2656			245C	-1.9728			330E	-.4297		
156C	.4974			246C	-1.7570						
155C	.7051			247C	-1.2146						

TABLE 282.- TABULATED PRESSURE DATA FOR RUN 216 AT ALPHA = 14.04 DEGREES AND QINF = 12.87 KN/SQM (268.90 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
111A	.3960	154C	.7618	214A	.3142	248C	-.7046	313A	-.1091		
110A	.2755	153C	.8448	212A	.3267	249C	-.4761	312A	-.2913		
109A	.5486	152C	.9911	210A	1.0866	250C	-.3833	311A	-.2270		
108A	.7136	145C	-1.8755	202A	-.8425	264D	.1256	310A	.0194		
101A	.3719	147C	-1.5917	203A	-1.3993	263D	.6253	309A	.0391		
102A	-.7158	151C	-.3976	204A	-1.4154	262D	.7047	301A	.5477		
103A	-1.4216	165D	.6860	205A	-1.4823	261D	.7904	303A	-.1519		
104A	-1.7812	164D	.7886	206A	-1.7473	256D	.7939	304A	-.3428		
105A	-1.7099	163D	.9314	242B	.6574	257D	-.3521	305A	-.4615		
106A	-1.7241	158D	.4378	241B	.7020	258D	-.6484	345E	.1267		
107A	-1.5930	159D	-.6894	240B	.5120	259D	-.3761	344E	.1883		
142B	.6342	160D	-.6528	238B	.5191	260D	-.2155	343E	.2303		
141B	.5548			237B	.4258			342E	.1874		
140B	.4335			236B	.5268			341E	.1338		
139B	.4459			235B	.5919			340E	.1454		
138B	.4656			234B	.6804			339E	.0936		
137B	.3871			233B	.7768			338E	.0999		
136B	.3246			232B	.7054			337E	.1695		
135B	.4513			231B	.1303			336E	.2999		
133B	.7101			230B	-2.5212			335E	.4375		
132B	.6958			218B	-3.5528			334E	.6161		
131B	.2693			219B	-4.2054			333E	.6964		
130B	-1.2709			221B	-2.5172			332E	.3749		
115B	-1.7045			222B	-1.9594			331E	-.7780		
116B	-2.0695			223B	-1.6533			315E	-3.5412		
117B	-4.1444			224B	-1.4828			317E	-2.0338		
118B	-4.7713			225B	-1.3257			318E	-2.3773		
120B	-3.4236			226B	-1.3507			319E	-2.3862		
121B	-2.3655			227B	-1.1196			320E	-1.2494		
122B	-1.6694			228B	-1.0259			321E	-1.1307		
123B	-1.3507			229B	-1.0027			322E	-.9994		
124B	-1.1874			255C	.6128			323E	-1.0003		
125B	-1.0027			254C	.7145			325E	-.9985		
126B	-.9554			253C	.7440			326E	-.9941		
127B	-.8795			252C	.8029			327E	-.7592		
128B	-.9063			251C	.8662			328E	-.7396		
129B	-1.0062			244C	-.0647			329E	-.5235		
157C	.2675			245C	-1.8113			330E	-.5547		
156C	.4968			246C	-1.5837						
155C	.6994			247C	-1.0535						

TABLE 283 .- TABULATED PRESSURE DATA FOR RUN 216 AT ALPHA = 14.90 DEGREES AND QINF = 12.87 KN/SQM (268.90 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
111A	.4250	154C	.7549	214A	.3371	248C	-.6631	313A	-.0895		
110A	.3092	153C	.8441	212A	.3442	249C	-.4872	312A	-.2778		
109A	.5927	152C	.9752	210A	1.0456	250C	-.4131	311A	-.1984		
108A	.7113	145C	-1.8550	202A	-1.0610	264D	.1022	310A	.0400		
101A	.2878	147C	-1.5559	203A	-1.5915	263D	.6140	309A	.0765		
102A	-.8863	151C	-.4069	204A	-1.5719	262D	.6970	301A	.5981		
103A	-1.5897	165D	.6756	205A	-1.5879	261D	.7861	303A	-.0830		
104A	-1.9561	164D	.7853	206A	-1.8464	256D	.7957	304A	-.3844		
105A	-1.8464	163D	.9324	242B	.6568	257D	-.3810	305A	-.5029		
106A	-1.8482	158D	.4368	241B	.6961	258D	-.7086	345E	.0738		
107A	-1.7056	159D	-.6917	240B	.5017	259D	-.4105	344E	.1657		
142B	.6247	160D	-.6372	238B	.5106	260D	-.2792	343E	.2077		
141B	.5552			237B	.4281			342E	.1755		
140B	.4393			236B	.5289			341E	.1300		
139B	.4518			235B	.5968			340E	.1184		
138B	.4589			234B	.6878			339E	.0854		
137B	.3893			233B	.7770			338E	.0506		
136B	.3385			232B	.6949			337E	.1595		
135B	.4616			231B	.1202			336E	.3032		
133B	.7103			230B	-2.5436			335E	.4504		
132B	.6925			218B	-3.6838			334E	.6093		
131B	.2805			219B	-4.3244			333E	.6896		
130B	-1.2362			221B	-2.5763			332E	.3746		
115B	-1.7258			222B	-1.9862			331E	-.8231		
116B	-2.1665			223B	-1.6720			315E	-2.7005		
117B	-4.3120			224B	-1.5023			317E	-2.0782		
118B	-4.9243			225B	-1.3300			318E	-1.5050		
120B	-3.5292			226B	-1.3416			319E	-1.6699		
121B	-2.4701			227B	-1.1104			320E	-1.3383		
122B	-1.7103			228B	-1.0077			321E	-1.0926		
123B	-1.3845			229B	-.9649			322E	-1.0257		
124B	-1.2050			255C	.6087			323E	-1.0185		
125B	-1.0113			254C	.7068			325E	-1.0435		
126B	-.9604			253C	.7407			326E	-1.0078		
127B	-.8827			252C	.7995			327E	-.8739		
128B	-.9060			251C	.8646			328E	-.8115		
129B	-1.0122			244C	-.0676			329E	-.6874		
157C	.2716			245C	-1.7702			330E	-.6392		
156C	.5008			246C	-1.5032						
155C	.6988			247C	-1.0345						

TABLE 284.- TABULATED PRESSURE DATA FOR RUN 216 AT ALPHA = 15.76 DEGREES AND QINF = 12.96 KN/SQM (270.60 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
111A	.4913	154C	.7569	214A	.3969	248C	-.6158	313A	-.0479		
110A	.3729	153C	.8419	212A	.3951	249C	-.4705	312A	-.2552		
109A	.6357	152C	.9852	210A	1.0171	250C	-.4174	311A	-.1445		
108A	.6985	145C	-1.8111	202A	-1.3528	264D	.0939	310A	.1056		
101A	.1622	147C	-1.4966	203A	-1.8351	263D	.6117	309A	.1516		
102A	-1.1369	151C	-.3819	204A	-1.7280	262D	.6985	301A	.6162		
103A	-1.8554	165D	.6746	205A	-1.7236	261D	.7861	303A	-.1183		
104A	-2.1687	164D	.7852	206A	-1.9802	256D	.7965	304A	-.4555		
105A	-2.0254	163D	.9250	242B	.6684	257D	-.3810	305A	-.5342		
106A	-1.9740	158D	.4350	241B	.7135	258D	-.6920	345E	.0841		
107A	-1.7687	159D	-.6734	240B	.5250	259D	-.4059	344E	.1594		
142B	.6285	160D	-.6265	238B	.5276	260D	-.2543	343E	.1984		
141B	.5604			237B	.4403			342E	.1789		
140B	.4418			236B	.5386			341E	.1337		
139B	.4471			235B	.6086			340E	.1266		
138B	.4710			234B	.6928			339E	.0912		
137B	.3993			233B	.7797			338E	.0611		
136B	.3550			232B	.6902			337E	.1851		
135B	.4736			231B	.1346			336E	.3101		
133B	.7215			230B	-2.4836			335E	.4536		
132B	.6905			218B	-3.7483			334E	.5980		
131B	.2878			219B	-4.4043			333E	.6928		
130B	-1.1807			221B	-2.5855			332E	.3827		
115B	-1.7233			222B	-1.9945			331E	-.7355		
116B	-2.2377			223B	-1.6773			315E	-2.6236		
117B	-4.4464			224B	-1.4797			317E	-2.0360		
118B	-5.0551			225B	-1.2848			318E	-1.3970		
120B	-3.5694			226B	-1.2848			319E	-1.5218		
121B	-2.4481			227B	-1.0420			320E	-1.3227		
122B	-1.7349			228B	-.9277			321E	-1.0473		
123B	-1.3893			229B	-.8506			322E	-1.0172		
124B	-1.2015			255C	.6082			323E	-.9959		
125B	-1.0084			254C	.7126			325E	-1.0039		
126B	-.9516			253C	.7392			326E	-.9419		
127B	-.8737			252C	.8003			327E	-.9100		
128B	-.8834			251C	.8613			328E	-.7957		
129B	-.9552			244C	-.0470			329E	-.7390		
157C	.2771			245C	-1.6472			330E	-.7089		
156C	.5020			246C	-1.4062						
155C	.6985			247C	-.9268						

TABLE 285.- TABULATED PRESSURE DATA FOR RUN 216 AT ALPHA = 18.02 DEGREES AND QINF = 13.02 KN/SQM (271.90 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
111A	.5596	154C	.7291	214A	.4356	248C	-.9800	313A	-.0959		
110A	.4763	153C	.8187	212A	.4057	249C	-.9026	312A	-.2365		
109A	.7011	152C	.9618	210A	1.0101	250C	-.8604	311A	-.2057		
108A	.6396	145C	-1.6806	202A	-1.5456	264D	-.0946	310A	.0549		
101A	-.1558	147C	-1.3773	203A	-2.0416	263D	.5447	309A	.1418		
102A	-1.7212	151C	-.3409	204A	-1.8529	262D	.6501	301A	.6317		
103A	-2.4227	165D	.6527	205A	-1.7809	261D	.7599	303A	-.1382		
104A	-2.6211	164D	.7616	206A	-1.9451	256D	.7042	304A	-.4806		
105A	-2.3480	163D	.8916	242B	.6352	257D	-.7400	305A	-.5965		
106A	-2.2216	158D	.4335	241B	.6914	258D	-1.2129	345E	.0930		
107A	-1.9415	159D	-.6416	240B	.4718	259D	-.8095	344E	.1597		
142B	.6114	160D	-.5950	238B	.4964	260D	-.5712	343E	.2151		
141B	.5438			237B	.3697			342E	.1808		
140B	.4525			236B	.5261			341E	.1325		
139B	.4578			235B	.6016			340E	.1237		
138B	.4736			234B	.6974			339E	.0974		
137B	.4147			233B	.7852			338E	.0622		
136B	.3726			232B	.7018			337E	.1905		
135B	.5017			231B	.1835			336E	.3152		
133B	.7309			230B	-2.2886			335E	.4558		
132B	.6834			218B	-3.5018			334E	.5981		
131B	.3094			219B	-4.0656			333E	.6824		
130B	-1.0781			221B	-2.3214			332E	.3969		
115B	-1.7138			222B	-1.7122			331E	-.7152		
116B	-2.4007			223B	-1.3527			315E	-2.4911		
117B	-4.8043			224B	-1.1558			317E	-2.2962		
118B	-5.3785			225B	-.9958			318E	-1.7449		
120B	-3.7001			226B	-.9809			319E	-1.5237		
121B	-2.5306			227B	-.9088			320E	-1.1848		
122B	-1.7544			228B	-.8965			321E	-1.0236		
123B	-1.3834			229B	-.9483			322E	-.7899		
124B	-1.1857			255C	.5535			323E	-.8127		
125B	-.9738			254C	.6729			325E	-.7741		
126B	-.8850			253C	.7028			326E	-.7372		
127B	-.8086			252C	.7713			327E	-.7512		
128B	-.8174			251C	.8529			328E	-.6441		
129B	-.8692			244C	-.0517			329E	-.5878		
157C	.2751			245C	-1.7922			330E	-.5914		
156C	.4885			246C	-1.6138						
155C	.6896			247C	-1.1672						

TABLE 286.- TABULATED PRESSURE DATA FOR RUN 216 AT ALPHA = 20.70 DEGREES AND QINF = 13.04 KN/SQM (272.40 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
111A	.5544	154C	.7252	214A	.4858	248C	-.9150	313A	.0173		
110A	.5816	153C	.8028	212A	.5495	249C	-.8879	312A	-.1676		
109A	.7393	152C	.9378	210A	1.0258	250C	-.8443	311A	-.0882		
108A	.4928	145C	-1.5671	202A	-1.3198	264D	-.2298	310A	.1731		
101A	-.5498	147C	-1.2890	203A	-1.3041	263D	.5274	309A	.2515		
102A	-2.4094	151C	-.3840	204A	-1.3293	262D	.6416	301A	.6722		
103A	-2.9938	165D	.6320	205A	-1.2039	261D	.7505	303A	-.3077		
104A	-3.2368	164D	.7374	206A	-1.1665	256D	.7102	304A	-.6526		
105A	-2.6454	163D	.8725	242B	.6573	257D	-.7903	305A	-.7466		
106A	-2.4834	158D	.4094	241B	.6686	258D	-1.1286	345E	.0758		
107A	-2.1603	159D	-.6891	240B	.4769	259D	-.8426	344E	.1596		
142B	.5928	160D	-.7702	238B	.4943	260D	-.6464	343E	.2058		
141B	.5309			237B	.3934			342E	.1709		
140B	.4577			236B	.5129			341E	.1360		
139B	.4621			235B	.5879			340E	.1282		
138B	.4734			234B	.6821			339E	.1081		
137B	.4176			233B	.7824			338E	.0837		
136B	.3924			232B	.7380			337E	.2102		
135B	.5239			231B	.4056			336E	.3314		
133B	.7444			230B	-1.1717			335E	.4736		
132B	.6878			218B	-.8634			334E	.6062		
131B	.3462			219B	-1.1525			333E	.6804		
130B	-.9181			221B	-1.3195			332E	.4143		
115B	-1.6980			222B	-1.2934			331E	-.5724		
116B	-2.5844			223B	-1.1922			315E	-2.2117		
117B	-5.1527			224B	-1.2646			317E	-2.0357		
118B	-5.6421			225B	-.9559			318E	-1.2954		
120B	-3.7871			226B	-1.0257			319E	-1.3145		
121B	-2.5489			227B	-.9001			320E	-1.1029		
122B	-1.6883			228B	-.8565			321E	-.8935		
123B	-1.3361			229B	-.8173			322E	-.7975		
124B	-1.1033			255C	.5379			323E	-.7434		
125B	-.8783			254C	.6616			325E	-.6972		
126B	-.7990			253C	.6947			326E	-.7443		
127B	-.7214			252C	.7731			327E	-.6762		
128B	-.7240			251C	.8577			328E	-.6631		
129B	-.8007			244C	-.0352			329E	-.6649		
157C	.2582			245C	-1.5802			330E	-.6666		
156C	.4629			246C	-1.5052						
155C	.6634			247C	-1.1233						

TABLE 287.- TABULATED PRESSURE DATA FOR RUN 216 AT ALPHA = 24.80 DEGREES AND QINF = 12.94 KN/SQM (270.20 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
111A	.5521	154C	.7216	214A	.5709	248C	-.9442	313A	.2516		
110A	.6379	153C	.8120	212A	.5169	249C	-.8825	312A	-.0025		
109A	.7405	152C	.9459	210A	1.2607	250C	-.8033	311A	.0558		
108A	.3996	145C	-1.4722	202A	-2.1019	264D	-.2363	310A	.3578		
101A	-.7555	147C	-1.2295	203A	-2.2698	263D	.5295	309A	.4231		
102A	-2.4568	151C	-.5946	204A	-1.8166	262D	.6477	301A	.6510		
103A	-3.0891	165D	.6016	205A	-1.3426	261D	.7555	303A	-.5006		
104A	-2.9526	164D	.7303	206A	-1.4983	256D	.7101	304A	-.9181		
105A	-2.3872	163D	.8902	242B	.6590	257D	-.7363	305A	-.9016		
106A	-2.2611	158D	.4396	241B	.7164	258D	-1.1651	345E	.0767		
107A	-1.8697	159D	-.9799	240B	.5034	259D	-.8207	344E	.1637		
142B	.6164	160D	-.9868	238B	.5217	260D	-.6911	343E	.2098		
141B	.5451			237B	.4343			342E	.1794		
140B	.4573			236B	.5517			341E	.1463		
139B	.4652			235B	.6335			340E	.1541		
138B	.4773			234B	.7205			339E	.1367		
137B	.4208			233B	.7988			338E	.1289		
136B	.3982			232B	.7483			337E	.2533		
135B	.5373			231B	.4386			336E	.3821		
133B	.7424			230B	-1.1769			335E	.5117		
132B	.6886			218B	-1.4478			334E	.6204		
131B	.4104			219B	-1.5809			333E	.6692		
130B	-.6675			221B	-1.3295			332E	.4412		
115B	-1.4507			222B	-1.1991			331E	-.4052		
116B	-2.0854			223B	-.9955			315E	-2.1028		
117B	-4.1907			224B	-.9477			317E	-1.7166		
118B	-4.5286			225B	-.8659			318E	-1.1573		
120B	-2.7864			226B	-.9277			319E	-1.2478		
121B	-1.8949			227B	-.9207			320E	-1.1434		
122B	-1.2417			228B	-.8538			321E	-.7358		
123B	-.9886			229B	-.8320			322E	-.6619		
124B	-.8390			255C	.5512			323E	-.6584		
125B	-.6476			254C	.6686			325E	-.6845		
126B	-.6702			253C	.7059			326E	-.6906		
127B	-.7042			252C	.7798			327E	-.7089		
128B	-.7555			251C	.8563			328E	-.6314		
129B	-.8068			244C	-.0544			329E	-.5923		
157C	.1514			245C	-1.5887			330E	-.5888		
156C	.4174			246C	-1.4548						
155C	.6538			247C	-1.1295						

RUN NUMBER 216

LONGITUDINAL STABILITY-AXIS DATA

TEST NUMBER 496

MACH	Q,PSF	P	ALPHA,DEG	UNCORRECTED CL	UNCORRECTED CD	UNCORRECTED CM	UNCORRECTED L/D	CORRECTED FOR STRUT INTERFERENCE CL	CORRECTED FOR STRUT INTERFERENCE CD	CORRECTED FOR STRUT INTERFERENCE CM	CORRECTED FOR STRUT INTERFERENCE L/D	ISUBT
.201	269.80	4.25	-5.73	.3900	.1510	-.3845	2.58	.0523	.1540	-.3397	.34	OFF
.201	268.50	4.23	-3.98	.6940	.1376	-.4489	5.04	.3884	.1398	-.4150	2.78	OFF
.201	268.70	4.23	-1.73	1.0550	.1352	-.5194	7.80	.8058	.1366	-.5046	5.90	OFF
.201	269.60	4.23	.51	1.3010	.1470	-.5263	8.85	1.1310	.1482	-.5480	7.63	OFF
.201	268.70	4.22	2.46	1.4970	.1617	-.4976	9.26	1.3818	.1655	-.5400	8.35	OFF
.201	268.30	4.21	4.72	1.7030	.1841	-.4637	9.25	1.6122	.1903	-.5122	8.47	OFF
.201	270.00	4.22	6.62	1.8970	.2022	-.4238	9.38	1.8126	.2090	-.4737	8.67	OFF
.201	269.40	4.22	8.84	2.0620	.2343	-.3790	8.80	1.9882	.2422	-.4291	8.21	OFF
.201	268.60	4.20	10.91	2.2400	.2615	-.3227	8.57	2.1839	.2705	-.3710	8.07	OFF
.201	268.80	4.20	11.80	2.2930	.2774	-.3005	8.27	2.2497	.2863	-.3448	7.86	OFF
.201	269.20	4.20	12.89	2.3750	.2940	-.2608	8.08	2.3502	.3019	-.2947	7.78	OFF
.201	268.90	4.20	14.04	2.4400	.3142	-.1995	7.77	2.4314	.3196	-.2098	7.61	OFF
.201	268.90	4.19	14.90	2.4660	.3360	-.1745	7.34	2.4636	.3398	-.1759	7.25	OFF
.202	270.60	4.20	15.76	2.4940	.3513	-.1324	7.10	2.4938	.3536	-.1338	7.05	OFF
.202	270.40	4.20	16.95	2.4200	.3976	-.0061	6.09	2.4200	.3984	-.0196	6.07	OFF
.202	271.90	4.21	18.02	2.3640	.4362	.0647	5.42	2.3640	.4362	.0436	5.42	OFF
.202	272.40	4.22	20.70	2.2640	.5137	.1666	4.41	2.2640	.5137	.1405	4.41	OFF
.202	271.50	4.22	22.64	2.0740	.5616	.0945	3.69	2.0740	.5616	.0702	3.69	OFF
.201	270.20	4.22	24.80	2.1070	.6496	.1461	3.24	2.1070	.6496	.1254	3.24	OFF
.201	269.90	4.18	.33	1.2730	.1474	-.5249	8.64	1.0968	.1485	-.5440	7.39	OFF

LANDING WING CONFIGURATION, ASPECT RATIO 10, INBOARD SLATS -50, OUTBOARD SLATS -60, FLAPS 45

Table 288 . Tabulated longitidinal data for run 216.

TABLE 289.- TABULATED PRESSURE DATA FOR RUN 228 AT ALPHA = -6.09 DEGREES AND QINF = 13.09 KN/SQM (273.30 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
111A	-.5833	154C	.6937	214A	-.6040	248C	-.7407	313A	-.5207		
110A	-.6717	153C	.7570	212A	-.8964	249C	-.4919	312A	-.4911		
109A	-.8243	152C	.8177	210A	1.1991	250C	-.3515	311A	-.5068		
108A	-2.5044	145C	-2.1518	202A	-.1342	264D	.2013	310A	-.5694		
101A	-2.3613	147C	-1.9117	203A	.5992	263D	.5203	309A	-.5208		
102A	-.9829	151C	-.6887	204A	.7709	262D	.4727	301A	-.5737		
103A	.2195	165D	.6339	205A	.7327	261D	.4310	303A	.1068		
104A	.6859	164D	.7431	206A	.5854	256D	.3930	304A	.6903		
105A	.7657	163D	.8801	242B	-.0371	257D	-.3143	305A	.7119		
106A	.6755	158D	-.0915	241B	.0392	258D	-.3004	345E	-.1944		
107A	.4102	159D	-.9444	240B	-.0605	259D	-.1244	344E	-.2039		
142B	.4605	160D	-.9375	238B	-.3353	260D	-.0360	343E	-.1735		
141B	.4258			237B	-.5745			342E	-.2239		
140B	.2559			236B	-.5961			341E	-.2681		
139B	.2472			235B	-.6126			340E	-.2950		
138B	.2230			234B	-.6161			339E	-.3367		
137B	.0825			233B	-.6152			338E	-.3766		
136B	-.0709			232B	-.6578			337E	-.4165		
135B	-.1897			231B	-.6751			336E	-.4295		
133B	-.5243			230B	-.6890			335E	-.4755		
132B	-.4931			218B	-.3180			334E	-.5016		
131B	-.5243			219B	-.5200			333E	-.5189		
130B	-.6145			221B	-.4304			332E	-.5458		
115B	-.7662			222B	-.3949			331E	-.5363		
116B	-.6890			223B	-.4157			315E	-.5278		
117B	.2646			224B	-.4538			317E	-.0128		
118B	-.3830			225B	-.5188			318E	-.3509		
120B	-.7168			226B	-.7294			319E	-.3977		
121B	-.5353			227B	-.6601			320E	-.3119		
122B	-.4685			228B	-.7476			321E	-.2777		
123B	-.4841			229B	-.9556			322E	-.3011		
124B	-.5197			255C	.4284			323E	-.2976		
125B	-.5517			254C	.3539			325E	-.3714		
126B	-.6696			253C	.2169			326E	-.3905		
127B	-.6974			252C	.0305			327E	-.3419		
128B	-.8334			251C	-.4133			328E	-.3280		
129B	-1.1671			244C	-.2960			329E	-.2950		
157C	.2013			245C	-1.4133			330E	-.2256		
156C	.4397			246C	-1.2495						
155C	.6374			247C	-1.0519						

TABLE 290.- TABULATED PRESSURE DATA FOR RUN 228 AT ALPHA = .29 DEGREES AND QINF = 13.03 KN/SQM (272.10 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
111A	-.0733	154C	.7464	214A	-.4833	248C	-1.1160	313A	-.4911		
110A	-.7325	153C	.8445	212A	-.6752	249C	-.8184	312A	-.5078		
109A	-1.3936	152C	.9969	210A	.9207	250C	-.6390	311A	-.5542		
108A	-1.8594	145C	-2.1322	202A	.3463	264D	.1850	310A	-.7167		
101A	-1.0127	147C	-1.9449	203A	.7613	263D	.6247	309A	-.6791		
102A	.1571	151C	-.6539	204A	.6816	262D	.7070	301A	-1.0564		
103A	.6860	165D	.6422	205A	.4785	261D	.8086	303A	.3078		
104A	.6921	164D	.7622	206A	.2184	256D	.7772	304A	.6720		
105A	.5126	163D	.9250	242B	.6763	257D	-.5576	305A	.5529		
106A	.2955	158D	.3571	241B	.4828	258D	-.8543	345E	.2607		
107A	.0100	159D	-.9646	240B	.3943	259D	-.4105	344E	.2958		
142B	.6632	160D	-.9427	238B	.3435	260D	-.1287	343E	.3265		
141B	.5984			237B	.1898			342E	.2800		
140B	.3479			236B	.2564			341E	.2090		
139B	.3505			235B	.2993			340E	.1477		
138B	.3645			234B	.4010			339E	.0864		
137B	.2314			233B	.6297			338E	.0031		
136B	.0563			232B	.5490			337E	.0776		
135B	.1526			231B	-.5700			336E	.2327		
133B	.6956			230B	-2.0431			335E	.3615		
132B	-.4123			218B	-1.1922			334E	-.1012		
131B	-.6374			219B	-1.6107			333E	-.5507		
130B	-1.2093			221B	-1.1458			332E	-.6270		
115B	-.7670			222B	-.9716			331E	-.8417		
116B	-.7237			223B	-.9024			315E	-1.1571		
117B	-1.2123			224B	-.8841			317E	-1.3130		
118B	-1.6431			225B	-.8858			318E	-1.1773		
120B	-1.5914			226B	-1.0346			319E	-1.3323		
121B	-1.1852			227B	-.9821			320E	-.9041		
122B	-.9506			228B	-1.0442			321E	-.7549		
123B	-.8482			229B	-1.2560			322E	-.6629		
124B	-.8245			255C	.5879			323E	-.5849		
125B	-.7852			254C	.6991			325E	-.4903		
126B	-.8639			253C	.7245			326E	-.4184		
127B	-.8613			252C	.7972			327E	-.2992		
128B	-.9628			251C	.8900			328E	-.1993		
129B	-1.2079			244C	-.2031			329E	-.1380		
157C	.2034			245C	-2.1812			330E	-.0942		
156C	.4469			246C	-1.9904						
155C	.6702			247C	-1.5230						

TABLE 291 .- TABULATED PRESSURE DATA FOR RUN 228 AT ALPHA = 4.61 DEGREES AND QINF = 12.90 KN/SQM (269.40 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
111A	-.1059	154C	.7567	214A	-.5389	248C	-1.1039	313A	-.6239		
110A	-.6199	153C	.8488	212A	-.7727	249C	-.7898	312A	-.6275		
109A	-.8341	152C	1.0002	210A	.8976	250C	-.6023	311A	-.6213		
108A	-.8651	145C	-2.0534	202A	.7108	264D	.2076	310A	-.7651		
101A	-.1005	147C	-1.8295	203A	.6197	263D	.6380	309A	-.9810		
102A	.6011	151C	-.5695	204A	.3773	262D	.7159	301A	-1.3349		
103A	.6923	165D	.6557	205A	.1065	261D	.8098	303A	.3286		
104A	.4578	164D	.7761	206A	-.2209	256D	.8064	304A	.4640		
105A	.1800	163D	.9302	242B	.6778	257D	-.5164	305A	.2870		
106A	-.0767	158D	.3826	241B	.5459	258D	-.7969	345E	.2342		
107A	-.3793	159D	-.8597	240B	.4325	259D	-.3748	344E	.2758		
142B	.6716	160D	-.8358	238B	.3962	260D	-.1050	343E	.3077		
141B	.6345			237B	.2670			342E	.2678		
140B	.3546			236B	.3475			341E	.2032		
139B	.3644			235B	.3980			340E	.1536		
138B	.3865			234B	.4928			339E	.1013		
137B	.2820			233B	.6663			338E	.0190		
136B	.1465			232B	.7469			337E	.0819		
135B	.2492			231B	.0234			336E	.1917		
133B	.6814			230B	-2.6890			335E	.3334		
132B	.2776			218B	-1.8596			334E	.5229		
131B	-.6035			219B	-2.3852			333E	.7390		
130B	-1.9026			221B	-1.5473			332E	.2200		
115B	-1.5599			222B	-1.2774			331E	-1.4209		
116B	-1.3977			223B	-1.1570			315E	-2.1643		
117B	-2.2020			224B	-1.0933			317E	-2.1560		
118B	-2.6206			225B	-1.0518			318E	-1.8764		
120B	-2.1489			226B	-1.1756			319E	-2.0118		
121B	-1.5384			227B	-1.0845			320E	-1.2137		
122B	-1.1880			228B	-1.1155			321E	-.9436		
123B	-1.0332			229B	-1.2906			322E	-.8196		
124B	-.9668			255C	.6008			323E	-.7116		
125B	-.8916			254C	.7097			325E	-.5672		
126B	-.9296			253C	.7363			326E	-.4610		
127B	-.8925			252C	.8080			327E	-.3122		
128B	-.9774			251C	.8860			328E	-.2219		
129B	-1.1464			244C	-.1359			329E	-.2059		
157C	.2306			245C	-2.2056			330E	-.1847		
156C	.4662			246C	-2.0339						
155C	.6867			247C	-1.5207						

TABLE 292.- TABULATED PRESSURE DATA FOR RUN 228 AT ALPHA = 8.66 DEGREES AND QINF = 12.86 KN/SQM (268.50 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
111A	-.0888	154C	.7628	214A	-.2240	248C	-1.0604	313A	-.5514		
110A	-.3555	153C	.8499	212A	-.7347	249C	-.7317	312A	-.5745		
109A	-.3110	152C	.9939	210A	.7165	250C	-.5415	311A	-.5470		
108A	-.0853	145C	-1.9125	202A	.5432	264D	.2143	310A	-.4701		
101A	.4792	147C	-1.6646	203A	.1156	263D	.6383	309A	-.4764		
102A	.6899	151C	-.4767	204A	-.1626	262D	.7192	301A	-.1368		
103A	.4134	165D	.6632	205A	-.4124	261D	.8090	303A	.2187		
104A	.0161	164D	.7779	206A	-.7448	256D	.8224	304A	.0410		
105A	-.2746	163D	.9316	242B	.6703	257D	-.4607	305A	-.1208		
106A	-.5279	158D	.4066	241B	.6090	258D	-.7210	345E	.1843		
107A	-.7857	159D	-.7610	240B	.4623	259D	-.3345	344E	.2484		
142B	.6792	160D	-.7281	238B	.4490	260D	-.0999	343E	.2733		
141B	.6543			237B	.3338			342E	.2457		
140B	.3672			236B	.4201			341E	.1888		
139B	.3850			235B	.4841			340E	.1532		
138B	.4116			234B	.5766			339E	.1105		
137B	.3148			233B	.7190			338E	.0562		
136B	.2125			232B	.7403			337E	.1363		
135B	.3334			231B	.1025			336E	.2590		
133B	.6952			230B	-2.6696			335E	.4032		
132B	.5174			218B	-2.5608			334E	.5757		
131B	-.3875			219B	-3.1564			333E	.7270		
130B	-2.1368			221B	-1.9587			332E	.3160		
115B	-2.1173			222B	-1.5704			331E	-1.2088		
116B	-2.1599			223B	-1.3750			315E	-2.9431		
117B	-3.2000			224B	-1.2755			317E	-2.9368		
118B	-3.5868			225B	-1.2035			318E	-2.4604		
120B	-2.7173			226B	-1.3021			319E	-2.4133		
121B	-1.8877			227B	-1.1644			320E	-1.5297		
122B	-1.3954			228B	-1.1591			321E	-1.1368		
123B	-1.1786			229B	-1.2968			322E	-.9455		
124B	-1.0693			255C	.6108			323E	-.8032		
125B	-.9431			254C	.7139			325E	-.5736		
126B	-.9422			253C	.7450			326E	-.4722		
127B	-.8925			252C	.8072			327E	-.3931		
128B	-.9538			251C	.8792			328E	-.3539		
129B	-1.0684			244C	-.1123			329E	-.3352		
157C	.2596			245C	-2.2111			330E	-.3174		
156C	.4854			246C	-2.0316						
155C	.6925			247C	-1.4825						

TABLE 293.- TABULATED PRESSURE DATA FOR RUN 228 AT ALPHA = 12.85 DEGREES AND QINF = 12.85 KN/SQM (268.30 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
111A	.0894	154C	.7588	214A	.1885	248C	-.8720	313A	-.3077		
110A	-.0592	153C	.8434	212A	.1992	249C	-.5739	312A	-.4378		
109A	.1651	152C	.9893	210A	.7606	250C	-.4298	311A	-.3772		
108A	.4597	145C	-1.7084	202A	-.2203	264D	.1749	310A	-.1349		
101A	.6911	147C	-1.4317	203A	-.8736	263D	.6324	309A	-.0530		
102A	.3636	151C	-.3382	204A	-1.0054	262D	.7098	301A	.5363		
103A	-.1963	165D	.6600	205A	-1.1398	261D	.7989	303A	-.0619		
104A	-.6752	164D	.7766	206A	-1.4504	256D	.8372	304A	-.4420		
105A	-.9084	163D	.9270	242B	.6582	257D	-.3666	305A	-.6226		
106A	-1.1362	158D	.4368	241B	.6707	258D	-.6469	345E	.1511		
107A	-1.3828	159D	-.6460	240B	.4998	259D	-.3444	344E	.1911		
142B	.6742	160D	-.6131	238B	.4971	260D	-.1709	343E	.2464		
141B	.6110			237B	.3969			342E	.2107		
140B	.4170			236B	.4976			341E	.1671		
139B	.4286			235B	.5617			340E	.1430		
138B	.4455			234B	.6517			339E	.1163		
137B	.3627			233B	.7613			338E	.0834		
136B	.2942			232B	.7132			337E	.1840		
135B	.4223			231B	.1154			336E	.3132		
133B	.7223			230B	-2.6238			335E	.4584		
132B	.5683			218B	-3.3072			334E	.6107		
131B	-.1883			219B	-3.9478			333E	.7043		
130B	-2.0619			221B	-2.3784			332E	.3461		
115B	-2.6530			222B	-1.8596			331E	-1.0204		
116B	-3.0313			223B	-1.5971			315E	-3.6408		
117B	-4.3782			224B	-1.4406			317E	-3.5129		
118B	-4.7134			225B	-1.3080			318E	-2.7571		
120B	-3.2965			226B	-1.3569			319E	-2.4313		
121B	-2.2734			227B	-1.1754			320E	-1.6685		
122B	-1.6238			228B	-1.1256			321E	-1.1843		
123B	-1.3142			229B	-1.1665			322E	-.8850		
124B	-1.1603			255C	.6146			323E	-.9054		
125B	-.9877			254C	.7188			325E	-.8333		
126B	-.9316			253C	.7446			326E	-.8003		
127B	-.8560			252C	.8087			327E	-.6338		
128B	-.8631			251C	.8718			328E	-.5482		
129B	-.9209			244C	-.0935			329E	-.4823		
157C	.2773			245C	-2.0109			330E	-.3959		
156C	.4998			246C	-1.7982						
155C	.6974			247C	-1.2715						

TABLE 294.- TABULATED PRESSURE DATA FOR RUN 228 AT ALPHA = 13.78 DEGREES AND QINF = 12.85 KN/SQM (268.40 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
111A	.1016	154C	.7588	214A	.2448	248C	-.7706	313A	-.2610		
110A	.0119	153C	.8416	212A	.3009	249C	-.5314	312A	-.3456		
109A	.2612	152C	.9867	210A	.6547	250C	-.4024	311A	-.3189		
108A	.5460	145C	-1.6226	202A	-.5125	264D	.1444	310A	-.0762		
101A	.6831	147C	-1.3363	203A	-1.1525	263D	.6243	309A	.0413		
102A	.2184	151C	-.3135	204A	-1.2407	262D	.7027	301A	.6084		
103A	-.3923	165D	.6581	205A	-1.3270	261D	.7935	303A	-.1492		
104A	-.8757	164D	.7766	206A	-1.6440	256D	.8551	304A	-.5490		
105A	-1.0769	163D	.9190	242B	.6608	257D	-.3562	305A	-.6371		
106A	-1.2959	158D	.4425	241B	.6875	258D	-.6532	345E	.1006		
107A	-1.6048	159D	-.6079	240B	.5068	259D	-.3606	344E	.1896		
142B	.6813	160D	-.6025	238B	.5085	260D	-.2121	343E	.2261		
141B	.5958			237B	.4140			342E	.1967		
140B	.4311			236B	.5076			341E	.1629		
139B	.4320			235B	.5744			340E	.1406		
138B	.4640			234B	.6661			339E	.1157		
137B	.3759			233B	.7676			338E	.0676		
136B	.3118			232B	.7017			337E	.1950		
135B	.4436			231B	.1112			336E	.3250		
133B	.7321			230B	-2.5944			335E	.4612		
132B	.5718			218B	-3.4500			334E	.6046		
131B	-.1611			219B	-4.1055			333E	.6955		
130B	-2.0381			221B	-2.4515			332E	.3695		
115B	-2.7798			222B	-1.9010			331E	-.9076		
116B	-3.2526			223B	-1.6262			315E	-3.6212		
117B	-4.6084			224B	-1.4599			317E	-3.4571		
118B	-4.9119			225B	-1.3113			318E	-2.6010		
120B	-3.3915			226B	-1.3478			319E	-2.2814		
121B	-2.3519			227B	-1.1415			320E	-1.5354		
122B	-1.6520			228B	-1.0766			321E	-1.0715		
123B	-1.3434			229B	-1.0659			322E	-1.0225		
124B	-1.1628			255C	.6136			323E	-.9085		
125B	-.9743			254C	.7116			325E	-.8978		
126B	-.9085			253C	.7418			326E	-.8337		
127B	-.8222			252C	.8024			327E	-.6832		
128B	-.8204			251C	.8665			328E	-.6333		
129B	-.8453			244C	-.0840			329E	-.6262		
157C	.2815			245C	-1.9099			330E	-.4774		
156C	.4943			246C	-1.6849						
155C	.6964			247C	-1.1566						

TABLE 295.- TABULATED PRESSURE DATA FOR RUN 228 AT ALPHA = 14.89 DEGREES AND QINF = 12.95 KN/SQM (270.40 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
111A	.1085	154C	.7581	214A	.3123	248C	-.7034	313A	-.1218		
110A	.0754	153C	.8394	212A	.4016	249C	-.4861	312A	-.2792		
109A	.3528	152C	.9834	210A	.6434	250C	-.3986	311A	-.2023		
108A	.6045	145C	-1.5482	202A	-.7814	264D	.1208	310A	.0198		
101A	.6531	147C	-1.2566	203A	-1.4094	263D	.6158	309A	.0401		
102A	.0754	151C	-.2899	204A	-1.4270	262D	.6989	301A	.5621		
103A	-.5711	165D	.6573	205A	-1.5021	261D	.7881	303A	-.0942		
104A	-1.0419	164D	.7713	206A	-1.7777	256D	.8580	304A	-.4987		
105A	-1.2451	163D	.9216	242B	.6670	257D	-.3579	305A	-.4351		
106A	-1.4482	158D	.4453	241B	.6989	258D	-.6601	345E	.1028		
107A	-1.6991	159D	-.6062	240B	.5150	259D	-.3871	344E	.1841		
142B	.6661	160D	-.5859	238B	.5203	260D	-.2218	343E	.2151		
141B	.5857			237B	.4211			342E	.1744		
140B	.4408			236B	.5201			341E	.1355		
139B	.4399			235B	.5873			340E	.1258		
138B	.4673			234B	.6784			339E	.0904		
137B	.3869			233B	.7730			338E	.0648		
136B	.3303			232B	.6970			337E	.1930		
135B	.4540			231B	.1222			336E	.2982		
133B	.7307			230B	-2.5462			335E	.4370		
132B	.5707			218B	-3.5718			334E	.5829		
131B	-.1381			219B	-4.1968			333E	.6908		
130B	-2.0401			221B	-2.5184			332E	.3769		
115B	-2.8895			222B	-1.9547			331E	-.7796		
116B	-3.4378			223B	-1.6586			315E	-2.7405		
117B	-4.8708			224B	-1.4731			317E	-2.0524		
118B	-5.1527			225B	-1.3078			318E	-1.5781		
120B	-3.4965			226B	-1.3308			319E	-1.5339		
121B	-2.3885			227B	-1.0966			320E	-1.2477		
122B	-1.6728			228B	-1.0118			321E	-1.0847		
123B	-1.3450			229B	-1.0021			322E	-1.0714		
124B	-1.1718			255C	.6114			323E	-1.0201		
125B	-.9588			254C	.7148			325E	-1.0228		
126B	-.8757			253C	.7413			326E	-.9653		
127B	-.7909			252C	.8049			327E	-.7920		
128B	-.7980			251C	.8650			328E	-.7301		
129B	-.7821			244C	-.0787			329E	-.6249		
157C	.2852			245C	-1.7991			330E	-.6116		
156C	.5000			246C	-1.5579						
155C	.6997			247C	-1.0480						

TABLE 296.- TABULATED PRESSURE DATA FOR RUN 228 AT ALPHA = 15.80 DEGREES AND QINF = 12.92 KN/SQM (269.90 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
111A	.1197	154C	.7568	214A	.3742	248C	-.6350	313A	-.0641		
110A	.1369	153C	.8356	212A	.4060	249C	-.4678	312A	-.2518		
109A	.4182	152C	.9719	210A	.5800	250C	-.4174	311A	-.1526		
108A	.6499	145C	-1.4008	202A	-1.0864	264D	.1047	310A	.0935		
101A	.6030	147C	-1.1585	203A	-1.7189	263D	.6144	309A	.1369		
102A	-.1117	151C	-.2786	204A	-1.6676	262D	.6967	301A	.6110		
103A	-.7892	165D	.6462	205A	-1.6622	261D	.7851	303A	-.1090		
104A	-1.2686	164D	.7657	206A	-1.8922	256D	.8516	304A	-.4478		
105A	-1.4181	163D	.9126	242B	.6630	257D	-.3759	305A	-.5150		
106A	-1.5950	158D	.4528	241B	.7090	258D	-.6854	345E	.0749		
107A	-1.7463	159D	-.6102	240B	.5197	259D	-.3936	344E	.1546		
142B	.6604	160D	-.6014	238B	.5223	260D	-.2414	343E	.2006		
141B	.5825			237B	.4353			342E	.1634		
140B	.4436			236B	.5353			341E	.1413		
139B	.4515			235B	.6008			340E	.1165		
138B	.4754			234B	.6885			339E	.0838		
137B	.3967			233B	.7797			338E	.0572		
136B	.3418			232B	.6885			337E	.1723		
135B	.4737			231B	.1272			336E	.3060		
133B	.7374			230B	-2.5273			335E	.4441		
132B	.5710			218B	-3.6685			334E	.5867		
131B	-.1095			219B	-4.3207			333E	.6894		
130B	-2.0137			221B	-2.5682			332E	.3822		
115B	-2.9721			222B	-1.9721			331E	-.7468		
116B	-3.6282			223B	-1.6299			315E	-2.6476		
117B	-5.1070			224B	-1.4504			317E	-2.0320		
118B	-5.3919			225B	-1.2806			318E	-1.3827		
120B	-3.6001			226B	-1.2770			319E	-1.5473		
121B	-2.4505			227B	-1.0471			320E	-1.2890		
122B	-1.7325			228B	-.9348			321E	-1.0389		
123B	-1.3840			229B	-.8755			322E	-.9646		
124B	-1.1833			255C	.6108			323E	-.9903		
125B	-.9710			254C	.7064			325E	-.9415		
126B	-.8729			253C	.7347			326E	-.8353		
127B	-.7676			252C	.7975			327E	-.8176		
128B	-.7606			251C	.8630			328E	-.7592		
129B	-.7464			244C	-.0690			329E	-.6848		
157C	.2693			245C	-1.6794			330E	-.6290		
156C	.4905			246C	-1.4415						
155C	.6940			247C	-.9259						

TABLE 297.- TABULATED PRESSURE DATA FOR RUN 228 AT ALPHA = 16.91 DEGREES AND QINF = 12.88 KN/SQM (269.10 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
111A	.1278	154C	.7462	214A	.4127	248C	-.6063	313A	-.0152		
110A	.1958	153C	.8317	212A	.3663	249C	-.4745	312A	-.2380		
109A	.4755	152C	.9653	210A	.5655	250C	-.4309	311A	-.1097		
108A	.6875	145C	-1.2759	202A	-1.3984	264D	.0895	310A	.1460		
101A	.5405	147C	-1.0026	203A	-2.0379	263D	.6143	309A	.1905		
102A	-.3083	151C	-.2973	204A	-1.9070	262D	.7007	301A	.6501		
103A	-1.0065	165D	.6339	205A	-1.8517	261D	.7871	303A	-.2121		
104A	-1.4759	164D	.7586	206A	-2.0940	256D	.8567	304A	-.5078		
105A	-1.5801	163D	.9092	242B	.6758	257D	-.3953	305A	-.6316		
106A	-1.7431	158D	.4480	241B	.7168	258D	-.7060	345E	.0615		
107A	-1.8990	159D	-.6490	240B	.5181	259D	-.4220	344E	.1533		
142B	.6446	160D	-.6214	238B	.5243	260D	-.2679	343E	.2041		
141B	.5644			237B	.4296			342E	.1702		
140B	.4486			236B	.5401			341E	.1266		
139B	.4521			235B	.6052			340E	.1203		
138B	.4735			234B	.6952			339E	.0927		
137B	.4013			233B	.7781			338E	.0695		
136B	.3568			232B	.6837			337E	.1845		
135B	.4851			231B	.1283			336E	.3182		
133B	.7373			230B	-2.5128			335E	.4617		
132B	.5644			218B	-3.8174			334E	.5981		
131B	-.1154			219B	-4.4132			333E	.6890		
130B	-2.0560			221B	-2.5965			332E	.3833		
115B	-3.1760			222B	-1.9696			331E	-.7220		
116B	-3.8218			223B	-1.6490			315E	-2.7540		
117B	-5.3664			224B	-1.4282			317E	-2.0174		
118B	-5.6056			225B	-1.2341			318E	-1.3628		
120B	-3.6973			226B	-1.2216			319E	-1.4884		
121B	-2.5689			227B	-.9634			320E	-1.3236		
122B	-1.7434			228B	-.8369			321E	-1.0411		
123B	-1.3730			229B	-.7906			322E	-.9556		
124B	-1.1619			255C	.6081			323E	-.9146		
125B	-.9331			254C	.7087			325E	-.9992		
126B	-.8334			253C	.7390			326E	-.9654		
127B	-.7256			252C	.8014			327E	-.8825		
128B	-.7034			251C	.8691			328E	-.8094		
129B	-.6597			244C	-.0640			329E	-.7586		
157C	.2632			245C	-1.5413			330E	-.7149		
156C	.4860			246C	-1.2982						
155C	.6856			247C	-.8743						

TABLE 298.- TABULATED PRESSURE DATA FOR RUN 228 AT ALPHA = 18.06 DEGREES AND QINF = 12.85 KN/SQM (268.40 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
111A	.1284	154C	.7398	214A	.4115	248C	-.9888	313A	-.0188		
110A	.2468	153C	.8233	212A	.3866	249C	-.8644	312A	-.2038		
109A	.5275	152C	.9593	210A	.5666	250C	-.8458	311A	-.0882		
108A	.7052	145C	-1.2525	202A	-1.2672	264D	-.1177	310A	.1748		
101A	.4636	147C	-.9142	203A	-1.9380	263D	.5487	309A	.2112		
102A	-.4871	151C	-.2997	204A	-1.9442	262D	.6509	301A	.6324		
103A	-1.1934	165D	.6341	205A	-1.7025	261D	.7611	303A	-.1966		
104A	-1.6545	164D	.7558	206A	-1.8891	256D	.7906	304A	-.5751		
105A	-1.7114	163D	.9051	242B	.6403	257D	-.7357	305A	-.6248		
106A	-1.8802	158D	.4435	241B	.6794	258D	-1.1814	345E	.0719		
107A	-2.0490	159D	-.6425	240B	.4723	259D	-.8165	344E	.1563		
142B	.6394	160D	-.6176	238B	.4945	260D	-.5457	343E	.1990		
141B	.5692			237B	.3982			342E	.1759		
140B	.4439			236B	.5120			341E	.1341		
139B	.4581			235B	.5929			340E	.1341		
138B	.4777			234B	.6872			339E	.1021		
137B	.4039			233B	.7797			338E	.0701		
136B	.3648			232B	.7014			337E	.1866		
135B	.4981			231B	.1679			336E	.3244		
133B	.7443			230B	-2.0461			335E	.4515		
132B	.5656			218B	-3.5237			334E	.5983		
131B	-.1017			219B	-4.0591			333E	.6863		
130B	-2.0416			221B	-2.2825			332E	.3973		
115B	-3.2075			222B	-1.7417			331E	-.6599		
116B	-3.9551			223B	-1.4167			315E	-2.3955		
117B	-5.5233			224B	-1.2338			317E	-1.8926		
118B	-5.7056			225B	-1.0545			318E	-1.2938		
120B	-3.7377			226B	-1.0669			319E	-1.3782		
121B	-2.5835			227B	-.9248			320E	-1.2503		
122B	-1.7524			228B	-.8796			321E	-.9436		
123B	-1.3697			229B	-.9399			322E	-.8511		
124B	-1.1486			255C	.5550			323E	-.8369		
125B	-.9106			254C	.6705			325E	-.8680		
126B	-.7899			253C	.7043			326E	-.8706		
127B	-.7037			252C	.7762			327E	-.7595		
128B	-.6656			251C	.8527			328E	-.7195		
129B	-.6869			244C	-.0600			329E	-.7124		
157C	.2662			245C	-1.7897			330E	-.6483		
156C	.4812			246C	-1.3910						
155C	.6820			247C	-1.2534						

TABLE 299.- TABULATED PRESSURE DATA FOR RUN 228 AT ALPHA = 18.75 DEGREES AND QINF = 12.84 KN/SQM (268.10 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
111A	.1420	154C	.7307	214A	.3976	248C	-.9052	313A	-.0852		
110A	.2821	153C	.8149	212A	.5289	249C	-.8627	312A	-.2414		
109A	.5534	152C	.9479	210A	.6181	250C	-.7430	311A	-.1961		
108A	.7138	145C	-1.3758	202A	-1.0824	264D	-.1940	310A	.0835		
101A	.4230	147C	-.9708	203A	-1.7341	263D	.5250	309A	.1437		
102A	-.6285	151C	-.3292	204A	-1.8272	262D	.6509	301A	.6491		
103A	-1.3316	165D	.6270	205A	-1.2190	261D	.7458	303A	-.2667		
104A	-1.7376	164D	.7475	206A	-1.2066	256D	.7920	304A	-.5753		
105A	-1.7625	163D	.8991	242B	.6580	257D	-.6633	305A	-.7154		
106A	-1.9096	158D	.4463	241B	.6952	258D	-1.0851	345E	.0905		
107A	-2.0284	159D	-.6783	240B	.4736	259D	-.7306	344E	.1793		
142B	.6349	160D	-.6526	238B	.4647	260D	-.6057	343E	.2157		
141B	.5560			237B	.4020			342E	.1828		
140B	.4399			236B	.4792			341E	.1509		
139B	.4532			235B	.5795			340E	.1367		
138B	.4674			234B	.6931			339E	.1083		
137B	.4035			233B	.7544			338E	.0843		
136B	.3716			232B	.7029			337E	.1793		
135B	.4975			231B	.3426			336E	.3266		
133B	.7449			230B	-2.0927			335E	.4526		
132B	.5676			218B	-1.5142			334E	.6026		
131B	-.0797			219B	-1.2110			333E	.6878		
130B	-2.0072			221B	-1.6071			332E	.3940		
115B	-3.2165			222B	-1.3191			331E	-.6878		
116B	-4.0125			223B	-1.3829			315E	-2.3299		
117B	-5.6099			224B	-1.3271			317E	-2.5187		
118B	-5.7505			225B	-1.2571			318E	-1.6215		
120B	-3.7735			226B	-1.1658			319E	-1.5204		
121B	-2.5581			227B	-.9088			320E	-1.1534		
122B	-1.6984			228B	-.8370			321E	-1.0295		
123B	-1.3439			229B	-.9203			322E	-.9266		
124B	-1.1339			255C	.5365			323E	-.7624		
125B	-.9017			254C	.6589			325E	-.7863		
126B	-.7634			253C	.6952			326E	-.7934		
127B	-.7173			252C	.7679			327E	-.7393		
128B	-.6172			251C	.8504			328E	-.6994		
129B	-.6978			244C	-.0562			329E	-.6630		
157C	.2696			245C	-1.6789			330E	-.5911		
156C	.4860			246C	-1.4893						
155C	.6722			247C	-1.0249						

TABLE 300 .- TABULATED PRESSURE DATA FOR RUN 228 AT ALPHA = 19.97 DEGREES AND QINF = 12.86 KN/SQM (268.50 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
111A	.1543	154C	.7298	214A	.4436	248C	-.9409	313A	.0091		
110A	.3401	153C	.8093	212A	.5250	249C	-.8534	312A	-.1759		
109A	.6088	152C	.9198	210A	.6609	250C	-.7826	311A	-.1343		
108A	.7166	145C	-1.3095	202A	-.7929	264D	-.2125	310A	.1068		
101A	.3383	147C	-1.0355	203A	-1.2268	263D	.5256	309A	.2279		
102A	-.7699	151C	-.3486	204A	-1.1915	262D	.6405	301A	.6653		
103A	-1.5353	165D	.6246	205A	-1.1570	261D	.7519	303A	-.2600		
104A	-1.9480	164D	.7377	206A	-1.0359	256D	.7925	304A	-.7125		
105A	-1.9453	163D	.8969	242B	.6626	257D	-.7084	305A	-.6930		
106A	-2.0655	158D	.4310	241B	.6582	258D	-1.0929	345E	.0843		
107A	-2.2927	159D	-.7270	240B	.4770	259D	-.7738	344E	.1666		
142B	.6211	160D	-.7164	238B	.4726	260D	-.6412	343E	.2029		
141B	.5486			237B	.3799			342E	.1737		
140B	.4513			236B	.5117			341E	.1383		
139B	.4593			235B	.5772			340E	.1365		
138B	.4752			234B	.6790			339E	.1135		
137B	.4142			233B	.7728			338E	.0737		
136B	.3895			232B	.7277			337E	.2029		
135B	.5168			231B	.3356			336E	.3312		
133B	.7484			230B	-1.3034			335E	.4719		
132B	.5636			218B	-1.3276			334E	.6047		
131B	-.0640			219B	-1.4557			333E	.6790		
130B	-1.9777			221B	-1.3351			332E	.4055		
115B	-3.3090			222B	-1.3448			331E	-.6556		
116B	-4.1706			223B	-1.2388			315E	-2.5339		
117B	-5.7629			224B	-1.2034			317E	-2.2697		
118B	-5.9390			225B	-1.0116			318E	-1.4628		
120B	-3.7572			226B	-.9939			319E	-1.3603		
121B	-2.5373			227B	-.9904			320E	-1.1455		
122B	-1.7187			228B	-.8710			321E	-.9733		
123B	-1.3130			229B	-.8047			322E	-.9211		
124B	-1.0938			255C	.5415			323E	-.8149		
125B	-.8816			254C	.6653			325E	-.7565		
126B	-.7605			253C	.6980			326E	-.7503		
127B	-.6819			252C	.7731			327E	-.6698		
128B	-.6607			251C	.8571			328E	-.6742		
129B	-.6350			244C	-.0419			329E	-.6290		
157C	.2498			245C	-1.5535			330E	-.6246		
156C	.4637			246C	-1.4332						
155C	.6750			247C	-1.1106						

TABLE 301 .- TABULATED PRESSURE DATA FOR RUN 228 AT ALPHA = 21.15 DEGREES AND QINF = 12.83 KN/SQM (268.00 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
111A	.1689	154C	.7323	214A	.4738	248C	-.8962	313A	.0235		
110A	.3934	153C	.8145	212A	.4889	249C	-.8379	312A	-.1464		
109A	.6597	152C	.9481	210A	.6632	250C	-.7999	311A	-.0880		
108A	.7066	145C	-1.2249	202A	-.9415	264D	-.2105	310A	.2015		
101A	.2130	147C	-1.0040	203A	-1.3590	263D	.5289	309A	.2625		
102A	-1.0379	151C	-.3536	204A	-1.3493	262D	.6430	301A	.6836		
103A	-1.7801	165D	.6235	205A	-1.1953	261D	.7535	303A	-.3550		
104A	-2.1790	164D	.7447	206A	-1.0290	256D	.7794	304A	-.7371		
105A	-2.1410	163D	.8871	242B	.6545	257D	-.7089	305A	-.6964		
106A	-2.2171	158D	.4409	241B	.6668	258D	-1.1428	345E	.0783		
107A	-2.4161	159D	-.6912	240B	.4723	259D	-.8211	344E	.1491		
142B	.6324	160D	-.7044	238B	.4935	260D	-.6655	343E	.2022		
141B	.5545			237B	.4013			342E	.1765		
140B	.4687			236B	.5251			341E	.1314		
139B	.4687			235B	.5924			340E	.1385		
138B	.4846			234B	.6915			339E	.1049		
137B	.4236			233B	.7800			338E	.0960		
136B	.3927			232B	.7481			337E	.2110		
135B	.5324			231B	.3845			336E	.3482		
133B	.7517			230B	-1.3347			335E	.4756		
132B	.5589			218B	-1.5067			334E	.6092		
131B	-.0531			219B	-1.5085			333E	.6773		
130B	-1.9608			221B	-1.5714			332E	.4154		
115B	-3.4155			222B	-1.4830			331E	-.5747		
116B	-4.2677			223B	-1.0676			315E	-2.2657		
117B	-5.9474			224B	-1.1551			317E	-2.2197		
118B	-6.0403			225B	-.9917			318E	-1.3625		
120B	-3.7627			226B	-.9784			319E	-1.3059		
121B	-2.6089			227B	-.9077			320E	-1.1555		
122B	-1.7101			228B	-.8220			321E	-.9516		
123B	-1.2930			229B	-.8246			322E	-.8330		
124B	-1.0473			255C	.5448			323E	-.7578		
125B	-.8202			254C	.6633			325E	-.7569		
126B	-.7062			253C	.6987			326E	-.7260		
127B	-.6275			252C	.7756			327E	-.7038		
128B	-.6214			251C	.8543			328E	-.6578		
129B	-.5657			244C	-.0319			329E	-.6631		
157C	.2423			245C	-1.5926			330E	-.5950		
156C	.4670			246C	-1.4910						
155C	.6721			247C	-1.1030						

TABLE 302.- TABULATED PRESSURE DATA FOR RUN 228 AT ALPHA = 24.90 DEGREES AND QINF = 12.75 KN/SQM (266.30 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
111A	.3037	154C	.7117	214A	.5062	248C	-.8927	313A	.1823		
110A	.4398	153C	.8082	212A	.4316	249C	-.8190	312A	-.0239		
109A	.6451	152C	.9591	210A	1.0837	250C	-.7927	311A	.0191		
108A	.7451	145C	-1.2767	202A	-1.4724	264D	-.1814	310A	.3372		
101A	.3960	147C	-1.0900	203A	-1.8811	263D	.5468	309A	.4126		
102A	-.5040	151C	-.7006	204A	-1.6302	262D	.6591	301A	.6653		
103A	-1.1154	165D	.5625	205A	-1.4741	261D	.7687	303A	-.5434		
104A	-1.2987	164D	.7205	206A	-1.5881	256D	.8048	304A	-.8443		
105A	-1.2838	163D	.9091	242B	.6722	257D	-.6787	305A	-.8575		
106A	-1.2610	158D	.4103	241B	.6827	258D	-1.1320	345E	.0814		
107A	-1.2180	159D	-1.1522	240B	.4906	259D	-.8015	344E	.1683		
142B	.6713	160D	-1.1733	238B	.5020	260D	-.6384	343E	.2113		
141B	.5599			237B	.4061			342E	.1876		
140B	.4195			236B	.5352			341E	.1542		
139B	.4380			235B	.6080			340E	.1630		
138B	.4546			234B	.7019			339E	.1402		
137B	.3871			233B	.7862			338E	.1244		
136B	.3485			232B	.7476			337E	.2438		
135B	.4959			231B	.3333			336E	.3728		
133B	.7556			230B	-1.5608			335E	.5044		
132B	.6450			218B	-2.0443			334E	.6168		
131B	.1748			219B	-1.8416			333E	.6668		
130B	-1.2605			221B	-1.3881			332E	.4369		
115B	-1.9843			222B	-1.1320			331E	-.4663		
116B	-2.4846			223B	-.9961			315E	-2.1232		
117B	-3.5964			224B	-.9488			317E	-1.7276		
118B	-2.8863			225B	-.8848			318E	-1.2031		
120B	-1.2382			226B	-.9646			319E	-1.2461		
121B	-.8401			227B	-.8892			320E	-1.1820		
122B	-.7270			228B	-.8401			321E	-.9551		
123B	-.5946			229B	-.8278			322E	-.7349		
124B	-.6691			255C	.5625			323E	-.6936		
125B	-.6489			254C	.6784			325E	-.6725		
126B	-.7559			253C	.7099			326E	-.6313		
127B	-.7015			252C	.7854			327E	-.6304		
128B	-.6822			251C	.8679			328E	-.6804		
129B	-.6831			244C	-.0965			329E	-.6102		
157C	.1160			245C	-1.6476			330E	-.6129		
156C	.3818			246C	-1.4801						
155C	.6406			247C	-1.0838						

RUN NUMBER 228 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

MACH	Q,PSF	R	ALPHA,DEG	UNCORRECTED CL	UNCORRECTED CD	UNCORRECTED CM	UNCORRECTED L/D	CORRECTED FOR STRUT INTERFERENCE CL	CD	CM	L/D	ISUBT
.202	273.30	4.25	-6.09	.3070	.1612	-.3672	1.90	-.0364	.1643	-.3208	-.22	OFF
.201	272.00	4.23	-3.70	.7160	.1410	-.4504	5.08	.4162	.1431	-.4185	2.91	OFF
.201	270.80	4.22	-1.69	1.0180	.1430	-.5184	7.12	.7700	.1444	-.5041	5.33	OFF
.202	272.10	4.22	.29	1.2930	.1463	-.5330	8.84	1.1155	.1474	-.5515	7.57	OFF
.200	268.40	4.19	2.48	1.4780	.1654	-.5098	8.94	1.3632	.1692	-.5524	8.06	OFF
.201	269.40	4.20	4.61	1.6710	.1859	-.4764	8.99	1.5798	.1920	-.5246	8.23	OFF
.201	269.80	4.20	6.41	1.8470	.2014	-.4394	9.17	1.7621	.2081	-.4893	8.47	OFF
.200	268.50	4.19	8.66	2.0060	.2346	-.3985	8.55	1.9315	.2424	-.4489	7.97	OFF
.201	269.20	4.19	10.86	2.1910	.2620	-.3398	8.36	2.1343	.2710	-.3883	7.88	OFF
.200	268.30	4.18	12.85	2.3190	.2935	-.2807	7.90	2.2935	.3014	-.3152	7.61	OFF
.200	268.40	4.18	13.78	2.3760	.3116	-.2466	7.63	2.3645	.3176	-.2619	7.44	OFF
.201	270.40	4.19	14.89	2.4100	.3361	-.2024	7.17	2.4075	.3399	-.2039	7.08	OFF
.201	269.90	4.18	15.80	2.4440	.3505	-.1582	6.97	2.4438	.3527	-.1598	6.93	OFF
.201	269.10	4.17	16.91	2.4540	.3654	-.1011	6.72	2.4540	.3663	-.1141	6.70	OFF
.200	268.40	4.17	18.06	2.3470	.4223	.0238	5.56	2.3470	.4223	.0025	5.56	OFF
.200	268.10	4.17	18.75	2.2180	.4342	.0649	5.11	2.2180	.4342	.0406	5.11	OFF
.201	270.80	4.19	19.96	2.2190	.4879	.1126	4.55	2.2190	.4879	.0866	4.55	OFF
.200	268.50	4.17	19.97	2.2190	.4790	.1073	4.63	2.2190	.4790	.0813	4.63	OFF
.200	268.00	4.16	21.15	2.2500	.5058	.1451	4.45	2.2500	.5058	.1192	4.45	OFF
.200	267.00	4.17	22.68	1.8660	.5505	-.0231	3.39	1.8660	.5505	-.0474	3.39	OFF
.199	266.30	4.17	24.90	1.8200	.6648	.0189	2.74	1.8200	.6648	-.0014	2.74	OFF
.201	270.80	4.16	.61	1.3110	.1496	-.5291	8.76	1.1443	.1508	-.5521	7.59	OFF

LANDING WING CONFIGURATION, ASPECT RATIO 10, INBOARD SLATS -60, OUTBOARD SLATS -60, FLAPS 45

Table 303 . Tabulated longitidinal data for run 228.

TABLE 304 .- TABULATED PRESSURE DATA FOR RUN 139 AT ALPHA = -5.70 DEGREES AND QINF = 12.63 KN/SQM (263.80 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	-.3388	155C	.7524	214A	-.4159	244C	-.2737	313A	-.5942		
111A	-.3632	154C	.8256	213A	-.4042	245C	-2.9592	312A	-.5399		
110A	-.5082	153C	.9250	212A	-.4114	246C	-2.3896	311A	-.5200		
109A	-1.4148	152C	.9069	211A	-.4114	247C	-1.8196	310A	-.7525		
109A	-2.3133	145C	-4.4385	210A	-.6213	248C	-1.2943	309A	-.6666		
101A	-1.5161	147C	-2.5591	208A	-2.5877	249C	-.9282	301A	-.7326		
102A	-.1481	148C	-1.7943	201A	-1.6546	250C	-.7257	302A	-.3562		
103A	.6228	149C	-1.1940	202A	.2491	264D	.3157	303A	.5486		
104A	.7630	150C	-.8450	203A	.7720	263D	.6502	304A	.7377		
105A	.6553	151C	-.7330	204A	.7766	262D	.7081	305A	.6734		
106A	.4879	165D	.7225	205A	.6282	261D	.7496	345E	.0844		
107A	.2373	164D	.8563	206A	.4228	256D	-.1227	344E	.0663		
142B	.4920	163D	.9883	242B	.3374	257D	-1.2410	343E	.0537		
141B	.4631	159D	-1.4101	241B	.4802	258D	-.8170	342E	.0419		
140B	.3112	160D	-1.1099	240B	.2561	259D	-.3352	341E	.0021		
139B	.3103			238B	.1015	260D	-.0097	340E	-.0468		
138B	.3193			237B	-.0395			339E	-.0875		
137B	.1855			236B	-.0984			338E	-.1454		
136B	.0273			235B	-.1780			337E	-.2368		
135B	.1006			234B	-.2368			336E	-.3318		
133B	-.4807			233B	-.4621			335E	-.5290		
132B	-.3668			232B	-.4494			334E	-.6720		
131B	-.3695			231B	-.4331			333E	-.7181		
130B	-.4265			230B	-.4232			332E	-.6937		
115B	-.4509			218B	-.2820			331E	-.6729		
116B	-.4358			219B	-.5815			315E	-.6466		
117B	.3993			221B	-.5666			317E	.0537		
118B	-.4702			222B	-.5341			318E	-.3644		
120B	-.8276			223B	-.5404			319E	-.4060		
121B	-.6263			224B	-.5784			320E	-.3390		
122B	-.5648			225B	-.6615			321E	-.2983		
123B	-.5585			226B	-.8722			322E	-.3209		
124B	-.5784			227B	-.9138			323E	-.3155		
125B	-.6037			228B	-1.0891			325E	-.3788		
126B	-.7465			229B	-1.6668			326E	-.3743		
127B	-.7908			255C	.5562			327E	-.3264		
128B	-.9481			254C	.6375			328E	-.2341		
129B	-1.4923			253C	.6457			329E	-.1363		
157C	.4197			252C	.6556			330E	-.0423		
156C	.5869			251C	.4802						

TABLE 305.- TABULATED PRESSURE DATA FOR RUN 139 AT ALPHA = .67 DEGREES AND QINF = 12.61 KN/SQM (263.30 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	-.2353	155C	.7769	214A	-.4665	244C	-.2044	313A	-.6814		
111A	-.0861	154C	.8542	213A	-.4948	245C	-3.3887	312A	-.6714		
110A	-.6017	153C	.9543	212A	-.4893	246C	-2.6390	311A	-.6386		
109A	-.9062	152C	.9598	211A	-.4565	247C	-1.9402	310A	-.7986		
108A	-.8998	145C	-4.5105	210A	-.6509	248C	-1.3540	309A	-1.1049		
101A	-.0575	147C	-2.5821	208A	-.9171	249C	-.9426	301A	-1.2826		
102A	.6416	148C	-1.8392	201A	-.0639	250C	-.7387	302A	.4001		
103A	.6909	149C	-1.2284	202A	.7638	264D	.2908	303A	.6890		
104A	.4520	150C	-.8507	203A	.5960	263D	.7186	304A	.4548		
105A	.2050	151C	-.7351	204A	.3490	262D	.8042	305A	.2934		
106A	-.0092	165D	.7441	205A	.1239	261D	.8997	345E	.2571		
107A	-.2143	164D	.8733	206A	-.1514	256D	.0723	344E	.2917		
142B	.5784	163D	1.0026	242B	.7031	257D	-1.3322	343E	.2990		
141B	.6722	159D	-1.3795	241B	.6085	258D	-.9472	342E	.2771		
140B	.3354	160D	-1.0928	240B	.4747	259D	-.3983	341E	.2125		
139B	.3581			238B	.4310	260D	-.0770	340E	.1497		
138B	.3927			237B	.2890			339E	.0860		
137B	.2853			236B	.3281			338E	-.0041		
136B	.1342			235B	.3545			337E	.0277		
135B	.2089			234B	.4137			336E	.1224		
133B	.6585			233B	.5693			335E	.2416		
132B	-.1571			232B	.7869			334E	.4155		
131B	-.5202			231B	.2134			333E	.7404		
130B	-1.0646			230B	-1.8083			332E	.3955		
115B	-.6295			218B	-1.2944			331E	-1.1301		
116B	-.5662			219B	-1.7922			315E	-1.3838		
117B	-1.1751			221B	-1.2903			317E	-1.4676		
118B	-1.7183			222B	-1.1046			318E	-1.4057		
120B	-1.7165			223B	-1.0391			319E	-1.6199		
121B	-1.2712			224B	-1.0227			320E	-1.0119		
122B	-1.0309			225B	-1.0446			321E	-.8206		
123B	-.9290			226B	-1.2157			322E	-.7433		
124B	-.9026			227B	-1.2020			323E	-.6659		
125B	-.8525			228B	-1.3313			325E	-.5885		
126B	-.9599			229B	-1.8310			326E	-.5102		
127B	-.9754			255C	.6385			327E	-.4010		
128B	-1.0992			254C	.7605			328E	-.2417		
129B	-1.5406			253C	.8005			329E	-.1653		
157C	.4401			252C	.8688			330E	-.1252		
156C	.6057			251C	.8843						

TABLE 306.- TABULATED PRESSURE DATA FOR RUN 139 AT ALPHA = 4.70 DEGREES AND QINF = 12.70 KN/SQM (265.30 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	-.3139	155C	.7866	214A	-.5065	244C	-.1430	313A	-.5988		
111A	-.1096	154C	.8598	213A	-.5744	245C	-3.4540	312A	-.6169		
110A	-.3652	153C	.9548	212A	-.5717	246C	-2.6689	311A	-.5879		
109A	-.3408	152C	.9719	211A	-.5264	247C	-1.9426	310A	-.5255		
108A	-.0855	145C	-4.2921	210A	-.3707	248C	-1.3240	309A	-.5155		
101A	.5102	147C	-2.4185	208A	.1372	249C	-.9026	301A	.0032		
102A	.6904	148C	-1.6812	201A	.6478	250C	-.6883	302A	.7583		
103A	.3889	149C	-1.1016	202A	.5238	264D	.3154	303A	.3527		
104A	.0069	150C	-.7480	203A	.0711	263D	.7251	304A	-.0312		
105A	-.2213	151C	-.6413	204A	-.1814	262D	.8065	305A	-.1516		
106A	-.4023	165D	.7567	205A	-.3697	261D	.8924	345E	.2526		
107A	-.5010	164D	.8779	206A	-.6241	256D	.0867	344E	.3033		
142B	.6148	163D	1.0081	242B	.6934	257D	-1.2571	343E	.3105		
141B	.7052	159D	-1.2716	241B	.6600	258D	-.8746	342E	.2906		
140B	.3697	160D	-1.0166	240B	.5053	259D	-.3492	341E	.2318		
139B	.3950			238B	.4836	260D	-.0445	340E	.1802		
138B	.4239			237B	.3558			339E	.1341		
137B	.3209			236B	.4073			338E	.0626		
136B	.1979			235B	.4444			337E	.1142		
135B	.2901			234B	.5123			336E	.2228		
133B	.6437			233B	.6507			335E	.3422		
132B	.5551			232B	.7901			334E	.4987		
131B	-.3456			231B	.4689			333E	.7367		
130B	-1.5528			230B	-1.8384			332E	.6109		
115B	-1.1857			218B	-1.9432			331E	-.5300		
116B	-1.0089			219B	-2.5441			315E	-1.9794		
117B	-2.0219			221B	-1.6984			317E	-2.2857		
118B	-2.5908			222B	-1.4172			318E	-2.0654		
120B	-2.2328			223B	-1.2725			319E	-2.2516		
121B	-1.6017			224B	-1.2164			320E	-1.3710		
122B	-1.2463			225B	-1.1983			321E	-1.0747		
123B	-1.0862			226B	-1.3584			322E	-.9535		
124B	-1.0202			227B	-1.2996			323E	-.8404		
125B	-.9244			228B	-1.4100			325E	-.6784		
126B	-.9958			229B	-1.8956			326E	-.5717		
127B	-.9741			255C	.6536			327E	-.4305		
128B	-1.0862			254C	.7676			328E	-.2595		
129B	-1.4606			253C	.8056			329E	-.1953		
157C	.4601			252C	.8725			330E	-.1781		
156C	.6265			251C	.8725						

TABLE 307 .- TABULATED PRESSURE DATA FOR RUN 139 AT ALPHA = 8.90 DEGREES AND QINF = 12.64 KN/SQM (263.90 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	-.2470	155C	.7966	214A	-.0523	244C	-.1142	313A	-.3404		
111A	.0127	154C	.8622	213A	-.3723	245C	-3.3974	312A	-.4069		
110A	-.0878	153C	.9561	212A	-.4452	246C	-2.5866	311A	-.3677		
109A	.1501	152C	.9752	211A	-.3586	247C	-1.8232	310A	-.0969		
108A	.4683	145C	-4.0573	210A	.0681	248C	-1.2110	309A	.0589		
101A	.6962	147C	-2.2838	208A	.7199	249C	-.7838	301A	.6752		
102A	.3151	148C	-1.5535	201A	.6506	250C	-.5797	302A	.3826		
103A	-.2519	149C	-1.0024	202A	-.4270	264D	.3226	303A	-.5565		
104A	-.6841	150C	-.6599	203A	-.9558	263D	.7291	304A	-.8181		
105A	-.8363	151C	-.5488	204A	-1.0324	262D	.8020	305A	-.8500		
106A	-.9576	165D	.7692	205A	-1.0925	261D	.8841	345E	.2486		
107A	-.9749	164D	.6886	206A	-1.2794	256D	.1253	344E	.3015		
142B	.6261	163D	1.0080	242B	.6835	257D	-1.0980	343E	.3097		
141B	.7118	159D	-1.1327	241B	.7154	258D	-.7692	342E	.2960		
140B	.4010	160D	-.8949	240B	.5414	259D	-.3046	341E	.2431		
139B	.4192			238B	.5240	260D	-.0414	340E	.2085		
138B	.4475			237B	.4209			339E	.1757		
137B	.3645			236B	.4865			338E	.1219		
136B	.2743			235B	.5285			337E	.1948		
135B	.3782			234B	.6032			336E	.3115		
133B	.6681			233B	.7163			335E	.4346		
132B	.6963			232B	.7874			334E	.5722		
131B	.1130			231B	.4801			333E	.7290		
130B	-1.5878			230B	-1.5939			332E	.6051		
115B	-1.5923			218B	-2.6199			331E	-.3176		
116B	-1.5146			219B	-3.3445			315E	-2.5259		
117B	-3.0075			221B	-2.1411			317E	-3.1512		
118B	-3.6120			222B	-1.7421			318E	-2.7545		
120B	-2.8331			223B	-1.5162			319E	-2.8765		
121B	-1.9853			224B	-1.4160			320E	-1.7581		
122B	-1.4870			225B	-1.3486			321E	-1.3496		
123B	-1.2502			226B	-1.4815			322E	-1.1682		
124B	-1.1500			227B	-1.3895			323E	-1.0014		
125B	-1.0142			228B	-1.4506			325E	-.7479		
126B	-1.0243			229B	-1.8623			326E	-.6157		
127B	-.9878			255C	.6690			327E	-.4416		
128B	-1.0798			254C	.7747			328E	-.2875		
129B	-1.3859			253C	.8111			329E	-.2583		
157C	.4767			252C	.8667			330E	-.2346		
156C	.6453			251C	.8604						

TABLE 308 .- TABULATED PRESSURE DATA FOR RUN 139 AT ALPHA = 11.02 DEGREES AND QINF = 12.65 KN/SQM (264.20 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	-.2158	155C	.7966	214A	.1858	244C	-.1059	313A	-.2134		
111A	.1642	154C	.8613	213A	-.2772	245C	-3.2882	312A	-.3128		
110A	.0609	153C	.9515	212A	-.3547	246C	-2.4913	311A	-.2271		
109A	.3499	152C	.9752	211A	-.2016	247C	-1.7220	310A	.1092		
108A	.6316	145C	-3.9638	210A	.2779	248C	-1.1241	309A	.2852		
101A	.6215	147C	-2.2279	208A	.7646	249C	-.7002	301A	.7227		
102A	-.0785	148C	-1.4878	201A	.3672	250C	-.4924	302A	-.2162		
103A	-.7303	149C	-.9454	202A	-1.2207	264D	.3036	303A	-1.2836		
104A	-1.1596	150C	-.6099	203A	-1.6883	263D	.7201	304A	-1.3693		
105A	-1.2325	151C	-.5133	204A	-1.5926	262D	.7930	305A	-1.2900		
106A	-1.3054	165D	.7793	205A	-1.5288	261D	.8732	345E	.2268		
107A	-1.2745	164D	.8896	206A	-1.6810	256D	.1658	344E	.2861		
142B	.6171	163D	1.0071	242B	.6863	257D	-.9937	343E	.3007		
141B	.6745	159D	-1.0630	241B	.7356	258D	-.7285	342E	.2943		
140B	.4175	160D	-.8479	240B	.5551	259D	-.3064	341E	.2442		
139B	.4339			238B	.5469	260D	-.0949	340E	.2123		
138B	.4685			237B	.4493			339E	.1904		
137B	.3902			236B	.5203			338E	.1521		
136B	.3109			235B	.5677			337E	.2341		
135B	.4202			234B	.6407			336E	.3535		
133B	.6891			233B	.7391			335E	.4802		
132B	.6991			232B	.7774			334E	.5997		
131B	.2170			231B	.4666			333E	.7227		
130B	-1.4597			230B	-1.5178			332E	.5869		
115B	-1.6884			218B	-3.0114			331E	-.2864		
116B	-1.8150			219B	-3.7566			315E	-2.8469		
117B	-3.5814			221B	-2.3421			317E	-3.6826		
118B	-4.1740			222B	-1.8970			318E	-3.1586		
120B	-3.1613			223B	-1.6582			319E	-3.2056		
121B	-2.1933			224B	-1.5270			320E	-1.9654		
122B	-1.5990			225B	-1.4294			321E	-1.4923		
123B	-1.3365			226B	-1.5406			322E	-1.2654		
124B	-1.2052			227B	-1.4157			323E	-1.0730		
125B	-1.0475			228B	-1.4495			325E	-.7777		
126B	-1.0457			229B	-1.7977			326E	-.6254		
127B	-1.0065			255C	.6654			327E	-.4404		
128B	-1.0703			254C	.7747			328E	-.3447		
129B	-1.3282			253C	.8094			329E	-.3164		
157C	.4786			252C	.8650			330E	-.3073		
156C	.6435			251C	.8531						

TABLE 309 .- TABULATED PRESSURE DATA FOR RUN 139 AT ALPHA = 13.00 DEGREES AND QINF = 12.62 KN/SQM (263.50 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	-.1630	155C	.7967	214A	.3952	244C	-.0956	313A	-.0383		
111A	.3768	154C	.8607	213A	-.1572	245C	-3.0529	312A	-.1810		
110A	.2393	153C	.9531	212A	-.2697	246C	-2.2535	311A	-.1188		
109A	.5047	152C	.9723	211A	-.1060	247C	-1.4854	310A	.2595		
108A	.7106	145C	-3.9176	210A	.4297	248C	-.9121	309A	.4507		
101A	.4461	147C	-2.1255	208A	.6694	249C	-.5665	301A	.6337		
102A	-.5440	148C	-1.4251	201A	-.0993	250C	-.4129	302A	-.9311		
103A	-1.2359	149C	-.9103	202A	-2.1217	264D	.2633	303A	-2.0458		
104A	-1.6422	150C	-.5683	203A	-2.4594	263D	.7098	304A	-1.8774		
105A	-1.5909	151C	-.4531	204A	-2.1693	262D	.7875	305A	-1.6870		
106A	-1.6294	165D	.7820	205A	-1.9497	261D	.8680	345E	.1821		
107A	-1.5013	164D	.8900	206A	-2.1785	256D	.2034	344E	.2644		
142B	.5972	163D	1.0035	242B	.6814	257D	-.9048	343E	.2910		
141B	.6595	159D	-.9926	241B	.7601	258D	-.7146	342E	.2855		
140B	.4262	160D	-.7695	240B	.5680	259D	-.3452	341E	.2398		
139B	.4481			238B	.5652	260D	-.1688	340E	.2160		
138B	.4774			237B	.4739			339E	.2041		
137B	.4088			236B	.5507			338E	.1711		
136B	.3502			235B	.6010			337E	.2654		
135B	.4637			234B	.6742			336E	.3870		
133B	.7107			233B	.7620			335E	.5086		
132B	.6988			232B	.7656			334E	.6275		
131B	.2578			231B	.4602			333E	.7181		
130B	-1.3039			230B	-1.4395			332E	.5727		
115B	-1.6973			218B	-3.3301			331E	-.2413		
116B	-2.0293			219B	-4.1300			315E	-3.0852		
117B	-4.0330			221B	-2.5421			317E	-4.0584		
118B	-4.6270			222B	-2.0240			318E	-3.3736		
120B	-3.3999			223B	-1.7515			319E	-3.3972		
121B	-2.3742			224B	-1.5942			320E	-1.8856		
122B	-1.7021			225B	-1.4717			321E	-1.4962		
123B	-1.3931			226B	-1.5558			322E	-1.3060		
124B	-1.2486			227B	-1.3812			323E	-1.1011		
125B	-1.0621			228B	-1.3903			325E	-.7270		
126B	-1.0511			229B	-1.6381			326E	-.5816		
127B	-.9899			255C	.6704			327E	-.5413		
128B	-1.0639			254C	.7701			328E	-.4773		
129B	-1.2797			253C	.8067			329E	-.4179		
157C	.4847			252C	.8598			330E	-.4051		
156C	.6485			251C	.8497						

TABLE 310 .- TABULATED PRESSURE DATA FOR RUN 139 AT ALPHA = 14.32 DEGREES AND QINF = 12.62 KN/SQM (263.50 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	-.1035	155C	.7969	214A	.4879	244C	-.0718	313A	.0610		
111A	.4724	154C	.8563	213A	-.0541	245C	-2.8210	312A	-.0925		
110A	.3438	153C	.9459	212A	-.1885	246C	-2.0351	311A	-.0331		
109A	.6000	152C	.9678	211A	-.0633	247C	-1.3143	310A	.3283		
108A	.7125	145C	-3.8227	210A	.5149	248C	-.7817	309A	.5067		
101A	.2752	147C	-2.0845	208A	.5268	249C	-.5067	301A	.5762		
102A	-.9196	148C	-1.3737	201A	-.5024	250C	-.3916	302A	-1.1611		
103A	-1.6423	149C	-.8575	202A	-2.8075	264D	.2493	303A	-2.3433		
104A	-1.9845	150C	-.5186	203A	-3.0423	263D	.7064	304A	-1.9589		
105A	-1.8802	151C	-.4135	204A	-2.5699	262D	.7813	305A	-1.7356		
106A	-1.8637	165D	.7886	205A	-2.2233	261D	.8600	345E	.1022		
107A	-1.6679	164D	.8865	206A	-2.3940	256D	.2041	344E	.2055		
142B	.5976	163D	.9989	242B	.6854	257D	-.8913	343E	.2420		
141B	.6333	159D	-.9068	241B	.7585	258D	-.7287	342E	.2301		
140B	.4395	160D	-.6958	240B	.5802	259D	-.3578	341E	.1780		
139B	.4541			238B	.5775	260D	-.2015	340E	.1726		
138B	.4888			237B	.4925			339E	.1643		
137B	.4258			236B	.5674			338E	.1561		
136B	.3791			235B	.6205			337E	.2557		
135B	.4870			234B	.6936			336E	.4011		
133B	.7238			233B	.7722			335E	.5135		
132B	.6936			232B	.7594			334E	.6351		
131B	.2841			231B	.4587			333E	.7228		
130B	-1.2160			230B	-1.3832			332E	.5885		
115B	-1.7132			218B	-3.5274			331E	-.1785		
116B	-2.1967			219B	-4.3262			315E	-3.1185		
117B	-4.3334			221B	-2.6397			317E	-3.7432		
118B	-4.9327			222B	-2.0963			318E	-3.2490		
120B	-3.5655			223B	-1.7830			319E	-3.1838		
121B	-2.4647			224B	-1.6140			320E	-1.8930		
122B	-1.7583			225B	-1.4723			321E	-1.3257		
123B	-1.4358			226B	-1.5363			322E	-.9527		
124B	-1.2641			227B	-1.3600			323E	-.9335		
125B	-1.0685			226B	-1.3262			325E	-.8311		
126B	-1.0548			229B	-1.5153			326E	-.8759		
127B	-.9881			255C	.6689			327E	-.8311		
128B	-1.0594			254C	.7685			328E	-.7297		
129B	-1.2732			253C	.8042			329E	-.7690		
157C	.4980			252C	.8563			330E	-.6986		
156C	.6607			251C	.8472						

TABLE 31 .- TABULATED PRESSURE DATA FOR RUN 139 AT ALPHA = 15.13 DEGREES AND QINF = 12.56 KN/SQM (262.40 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	-.0900	155C	.7982	214A	.5145	244C	-.0690	313A	.1465		
111A	.5134	154C	.8596	213A	.0201	245C	-2.7566	312A	-.0550		
110A	.3865	153C	.9356	212A	-.1428	246C	-1.9902	311A	.0018		
109A	.6523	152C	.9649	211A	-.0357	247C	-1.3162	310A	.3847		
108A	.7018	145C	-3.8534	210A	.5561	248C	-.7585	309A	.5497		
101A	.1739	147C	-2.0727	208A	.4360	249C	-.4646	301A	.5066		
102A	-1.1211	148C	-1.3703	201A	-.7609	250C	-.3877	302A	-1.6454		
103A	-1.8333	149C	-.6584	202A	-3.2514	264D	.2479	303A	-2.5611		
104A	-2.1705	150C	-.5021	203A	-3.3967	263D	.7021	304A	-2.1504		
105A	-2.0166	151C	-.3877	204A	-2.8091	262D	.7808	305A	-1.8076		
106A	-1.9634	165D	.7854	205A	-2.3994	261D	.8578	345E	.0879		
107A	-1.7636	164D	.8889	206A	-2.5538	256D	.2048	344E	.1858		
142B	.5766	163D	.9960	242B	.6838	257D	-.8932	343E	.2261		
141B	.6023	159D	-.8922	241B	.7653	258D	-.7439	342E	.2417		
140B	.4557	160D	-.6569	240B	.5794	259D	-.3785	341E	.1877		
139B	.4676			238B	.5830	260D	-.1871	340E	.1840		
138B	.4924			237B	.4980			339E	.1758		
137B	.4329			236B	.5777			338E	.1455		
136B	.3898			235B	.6308			337E	.2673		
135B	.5034			234B	.7031			336E	.3936		
133B	.7259			233B	.7772			335E	.5264		
132B	.6920			232B	.7571			334E	.6381		
131B	.2891			231B	.4559			333E	.7250		
130B	-1.1844			230B	-1.3431			332E	.5804		
115B	-1.7393			218B	-3.6474			331E	-.1740		
116B	-2.2759			219B	-4.4540			315E	-3.0934		
117B	-4.4903			221B	-2.7021			317E	-3.8781		
118B	-5.0971			222B	-2.1230			318E	-3.3713		
120B	-3.6511			223B	-1.8135			319E	-2.8844		
121B	-2.5185			224B	-1.6331			320E	-1.9176		
122B	-1.8007			225B	-1.4774			321E	-1.4657		
123B	-1.4554			226B	-1.5314			322E	-.9878		
124B	-1.2704			227B	-1.3355			323E	-.9411		
125B	-1.0708			228B	-1.3117			325E	-.9045		
126B	-1.0598			229B	-1.4637			326E	-.9119		
127B	-.9976			255C	.6691			327E	-.8066		
128B	-1.0562			254C	.7662			328E	-.8505		
129B	-1.2521			253C	.8001			329E	-.7132		
157C	.5043			252C	.8568			330E	-.7654		
156C	.6563			251C	.8449						

TABLE 312.- TABULATED PRESSURE DATA FOR RUN 139 AT ALPHA = 16.03 DEGREES AND QINF = 12.54 KN/SQM (261.90 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	-.0640	155C	.7980	214A	.5267	244C	-.0633	313A	.2526		
111A	.5458	154C	.8429	213A	.0977	245C	-2.6833	312A	.0051		
110A	.4391	153C	.9318	212A	-.1150	246C	-1.9115	311A	.0445		
109A	.6905	152C	.9547	211A	-.0224	247C	-1.2419	310A	.4400		
108A	.6749	145C	-3.7208	210A	.5905	248C	-.7668	309A	.5951		
101A	.0208	147C	-1.9885	208A	.2841	249C	-.4825	301A	.3437		
102A	-1.4022	148C	-1.3190	201A	-1.0967	250C	-.3972	302A	-1.9958		
103A	-2.1077	149C	-.8090	202A	-3.7467	264D	.2506	303A	-2.9393		
104A	-2.4028	150C	-.4797	203A	-3.7667	263D	.7136	304A	-2.4538		
105A	-2.2233	151C	-.3623	204A	-3.0057	262D	.7925	305A	-1.9820		
106A	-2.1315	165D	.7870	205A	-2.5792	261D	.8686	345E	.0995		
107A	-1.8930	164D	.8704	206A	-2.6838	256D	.2017	344E	.1921		
142B	.5540	163D	.9823	242B	.6925	257D	-.9172	343E	.2333		
141B	.5825	159D	-.8558	241B	.7741	258D	-.7576	342E	.2315		
140B	.4596	160D	-.6403	240B	.5770	259D	-.3862	341E	.1912		
139B	.4798			238B	.5862	260D	-.2037	340E	.1884		
138B	.4963			237B	.4992			339E	.1811		
137B	.4504			236B	.5808			338E	.1747		
136B	.4092			235B	.6348			337E	.2709		
135B	.5174			234B	.7054			336E	.4139		
133B	.7356			233B	.7751			335E	.5413		
132B	.6907			232B	.7522			334E	.6513		
131B	.3010			231B	.4524			333E	.7137		
130B	-1.1340			230B	-1.3378			332E	.5780		
115B	-1.7355			218B	-3.7349			331E	-.1517		
116B	-2.3601			219B	-4.5623			315E	-3.1739		
117B	-4.7077			221B	-2.7315			317E	-4.0067		
118B	-5.3178			222B	-2.1371			318E	-3.4721		
120B	-3.7458			223B	-1.7977			319E	-3.3239		
121B	-2.5723			224B	-1.6088			320E	-1.9040		
122B	-1.8142			225B	-1.4382			321E	-1.4817		
123B	-1.4630			226B	-1.4923			322E	-1.0555		
124B	-1.2713			227B	-1.2878			323E	-.9345		
125B	-1.0621			228B	-1.2548			325E	-.8126		
126B	-1.0337			229B	-1.3822			326E	-.7869		
127B	-.9732			255C	.6705			327E	-.9501		
128B	-1.0181			254C	.7732			328E	-.7493		
129B	-1.2052			253C	.8071			329E	-.7997		
157C	.4935			252C	.8640			330E	-.7878		
156C	.6613			251C	.8557						

TABLE 313 .- TABULATED PRESSURE DATA FOR RUN 139 AT ALPHA = 17.17 DEGREES AND QINF = 12.73 KN/SQM (265.90 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	-.0450	155C	.7826	214A	.5398	244C	-.0501	313A	.3241		
111A	.5569	154C	.8295	213A	.1896	245C	-2.5621	312A	.0867		
110A	.4974	153C	.9252	212A	-.0378	246C	-1.8402	311A	.0876		
109A	.6968	152C	.9432	211A	.0245	247C	-1.1879	310A	.4938		
108A	.6282	145C	-3.5541	210A	.6319	248C	-.9235	309A	.6409		
101A	-.1894	147C	-1.8483	208A	.0876	249C	-.4977	301A	.2366		
102A	-1.7472	148C	-1.2123	201A	-1.4773	250C	-.4291	302A	-2.6432		
103A	-2.4544	149C	-.7422	202A	-4.1726	264D	.1526	303A	-3.5331		
104A	-2.6539	150C	-.4562	203A	-4.1610	263D	.7086	304A	-2.5940		
105A	-2.3936	151C	-.3560	204A	-3.1539	262D	.7844	305A	-2.2047		
106A	-2.2720	165D	.7736	205A	-2.7728	261D	.8638	345E	.0759		
107A	-1.9981	164D	.8602	206A	-2.6587	256D	.1592	344E	.1851		
142B	.5569	163D	.9685	242B	.6995	257D	-.9614	343E	.2302		
141B	.5759	159D	-.8468	241B	.7672	258D	-.7692	342E	.2230		
140B	.4748	160D	-.6483	240B	.5831	259D	-.4002	341E	.2004		
139B	.4784			238B	.5930	260D	-.2180	340E	.1996		
138B	.5082			237B	.5064			339E	.1851		
137B	.4514			236B	.5660			338E	.1932		
136B	.4270			235B	.6463			337E	.3088		
135B	.5362			234B	.7167			336E	.4378		
133B	.7393			233B	.7817			335E	.5551		
132B	.6887			232B	.7474			334E	.6562		
131B	.3115			231B	.4523			333E	.7167		
130B	-1.0784			230B	-1.3004			332E	.5705		
115B	-1.7571			218B	-3.8882			331E	-.1362		
116B	-2.4634			219B	-4.6994			315E	-3.3846		
117B	-4.8810			221B	-2.6928			317E	-4.4043		
118B	-5.4919			222B	-2.1569			318E	-3.4946		
120B	-3.8247			223B	-1.7987			319E	-2.9159		
121B	-2.6212			224B	-1.6147			320E	-2.0179		
122B	-1.8357			225B	-1.4396			321E	-1.3907		
123B	-1.4640			226B	-1.4685			322E	-1.1145		
124B	-1.2619			227B	-1.2646			323E	-.9060		
125B	-1.0435			228B	-1.1870			325E	-.8708		
126B	-.9966			229B	-1.2637			326E	-.9205		
127B	-.9280			255C	.6183			327E	-.9069		
128B	-.9614			254C	.7736			328E	-.8853		
129B	-1.1103			253C	.8024			329E	-.8221		
157C	.4956			252C	.8629			330E	-.7842		
156C	.6517			251C	.8629						

TABLE 314.- TABULATED PRESSURE DATA FOR RUN 139 AT ALPHA = 18.19 DEGREES AND QINF = 12.71 KN/SQM (265.40 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	-.0148	155C	.7752	214A	.5515	244C	-.0410	313A	.3664		
111A	.5585	154C	.8258	213A	.2355	245C	-2.4751	312A	.1398		
110A	.5420	153C	.8989	212A	-.0055	246C	-1.8531	311A	.1398		
109A	.7281	152C	.9134	211A	.0604	247C	-1.3376	310A	.5492		
108A	.5836	145C	-3.3047	210A	.6631	248C	-1.0261	309A	.6631		
101A	-.3939	147C	-1.7231	208A	-.0714	249C	-.7805	301A	-.0741		
102A	-2.0481	148C	-1.1407	201A	-1.4744	250C	-.6089	302A	-3.2270		
103A	-2.7337	149C	-.6839	202A	-4.5002	264D	.0863	303A	-4.0229		
104A	-2.9307	150C	-.4238	203A	-4.1474	263D	.6750	304A	-2.8429		
105A	-2.5618	151C	-.3480	204A	-3.1930	262D	.7599	305A	-2.5027		
106A	-2.4051	165D	.7626	205A	-2.7847	261D	.8466	345E	.0766		
107A	-2.0951	164D	.8601	206A	-2.7990	256D	.0358	344E	.1895		
142B	.5612	163D	.9685	242B	.6859	257D	-1.3394	343E	.2084		
141B	.5766	159D	-.8365	241B	.7671	258D	-1.2879	342E	.2319		
140B	.4854	160D	-.6532	240B	.5658	259D	-.7236	341E	.1913		
139B	.4881			238B	.5748	260D	-.2938	340E	.1994		
138B	.5044			237B	.5045			339E	.2048		
137B	.4637			236B	.5875			338E	.1859		
136B	.4357			235B	.6498			337E	.3168		
135B	.5495			234B	.7202			336E	.4576		
133B	.7463			233B	.7870			335E	.5785		
132B	.6877			232B	.7546			334E	.6706		
131B	.3175			231B	.4684			333E	.7103		
130B	-1.0243			230B	-1.2431			332E	.5515		
115B	-1.7619			218B	-3.7096			331E	-.1707		
116B	-2.5475			219B	-4.6407			315E	-3.4849		
117B	-5.0732			221B	-2.5423			317E	-4.6891		
118B	-5.6551			222B	-1.9191			318E	-3.6756		
120B	-3.8752			223B	-1.6048			319E	-2.7605		
121B	-2.6543			224B	-1.4324			320E	-1.6497		
122B	-1.8468			225B	-1.2283			321E	-1.5030		
123B	-1.4577			226B	-1.2771			322E	-1.1690		
124B	-1.2500			227B	-1.0875			323E	-.9939		
125B	-1.0252			228B	-1.0270			325E	-.9054		
126B	-.9701			229B	-1.2328			326E	-.8973		
127B	-.8870			255C	.6407			327E	-.9533		
128B	-.9159			254C	.7436			328E	-.8964		
129B	-1.0514			253C	.7897			329E	-.8838		
157C	.4980			252C	.8457			330E	-.7881		
156C	.6470			251C	.8493						

TABLE 315 .- TABULATED PRESSURE DATA FOR RUN 139 AT ALPHA = 25.16 DEGREES AND QINF = 12.56 KN/SQM (262.30 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	.1469	155C	.7481	214A	.5393	244C	-.0499	313A	.5825		
111A	.5321	154C	.8039	213A	.5942	245C	-2.2609	312A	.4628		
110A	.6659	153C	.8696	212A	.4007	246C	-1.6800	311A	.4898		
109A	.7172	152C	.9460	211A	.3134	247C	-1.2455	310A	.6902		
108A	.2795	145C	-2.6885	210A	.7794	248C	-.9846	309A	.6560		
101A	-1.0607	147C	-1.3778	208A	-1.2813	249C	-.9018	301A	-.8580		
102A	-2.8669	148C	-.9306	201A	-3.9443	250C	-.8461	302A	-4.7164		
103A	-3.2347	149C	-.6274	202A	-7.4486	264D	.1226	303A	-4.8431		
104A	-3.1329	150C	-.5429	203A	-6.3293	263D	.6698	304A	-3.0445		
105A	-2.5679	151C	-.5852	204A	-4.5405	262D	.7625	305A	-2.3564		
106A	-2.2528	165D	.7166	205A	-3.6006	261D	.8407	345E	.0731		
107A	-1.9433	164D	.8192	206A	-3.4810	256D	.0464	344E	.1820		
142B	.5996	163D	.9586	242B	.6806	257D	-1.4821	343E	.2234		
141B	.5996	159D	-1.2185	241B	.8201	258D	-1.2626	342E	.2315		
140B	.4997	160D	-1.0314	240B	.6077	259D	-.7336	341E	.2090		
139B	.5015			238B	.6131	260D	-.4340	340E	.2090		
138B	.5276			237B	.5438			339E	.2252		
137B	.4826			236B	.6428			338E	.2342		
136B	.4646			235B	.7004			337E	.3629		
135B	.5825			234B	.7625			336E	.4907		
133B	.7553			233B	.8003			335E	.6050		
132B	.6896			232B	.7220			334E	.6833		
131B	.4268			231B	.4448			333E	.7022		
130B	-.5874			230B	-1.1201			332E	.5942		
115B	-1.3811			218B	-3.9130			331E	.1298		
116B	-2.1424			219B	-4.7128			315E	-2.4742		
117B	-4.2951			221B	-2.6340			317E	-2.5367		
118B	-4.5164			222B	-1.8735			318E	-1.4867		
120B	-2.7705			223B	-1.5559			319E	-1.1291		
121B	-1.9382			224B	-1.2860			320E	-1.1066		
122B	-1.1771			225B	-1.0818			321E	-1.0869		
123B	-.9522			226B	-1.0908			322E	-1.1121		
124B	-.8766			227B	-.9450			323E	-1.1156		
125B	-.7021			228B	-.9585			325E	-1.0401		
126B	-.7102			229B	-1.0737			326E	-.9915		
127B	-.7552			255C	.6392			327E	-.8916		
128B	-.7390			254C	.7508			328E	-.8385		
129B	-.8029			253C	.7822			329E	-.8466		
157C	.4322			252C	.8372			330E	-.8565		
156C	.5879			251C	.8417						

RUN NUMBER 139 LONGITUDINAL STABILITY-AXIS DATA TEST NUMBER 496

				UNCORRECTED				CORRECTED FOR STRUT INTERFERENCE				
MACH	Q,PSF	P	ALPHA,DEG	CL	CD	CM	L/D	CL	CD	CM	L/D	ISUBT
.201	263.80	4.05	-5.70	.5870	.1626	-.4355	3.61	.2063	.1576	-.3373	1.31	OFF
.201	264.70	4.05	-3.48	1.0400	.1553	-.5266	6.70	.7588	.1504	-.4689	5.05	OFF
.201	263.90	4.04	-1.27	1.2740	.1654	-.5164	7.70	1.0921	.1607	-.4979	6.79	OFF
.201	263.30	4.02	.67	1.4580	.1771	-.4915	8.23	1.3445	.1730	-.5030	7.77	OFF
.201	264.90	4.03	2.48	1.6210	.1919	-.4657	8.45	1.5407	.1894	-.4992	8.14	OFF
.201	265.30	4.03	4.70	1.8240	.2120	-.4271	8.60	1.7559	.2123	-.4691	8.27	OFF
.201	264.30	4.01	6.85	2.0250	.2303	-.3786	8.79	1.9635	.2321	-.4187	8.46	OFF
.201	263.90	4.01	8.90	2.1870	.2573	-.3382	8.50	2.1336	.2597	-.3754	8.21	OFF
.201	264.20	4.00	11.02	2.3610	.2819	-.2833	8.38	2.3191	.2865	-.3122	8.09	OFF
.201	264.20	4.00	12.08	2.4480	.2962	-.2510	8.26	2.4158	.3012	-.2713	8.02	OFF
.200	263.50	3.99	13.00	2.5130	.3069	-.2150	8.19	2.4910	.3110	-.2260	8.01	OFF
.200	263.50	3.99	14.32	2.5930	.3380	-.1620	7.67	2.5837	.3406	-.1627	7.59	OFF
.200	262.40	3.98	15.13	2.6190	.3750	-.1304	6.98	2.6146	.3768	-.1318	6.94	OFF
.200	261.90	3.98	16.03	2.6530	.3974	-.0917	6.68	2.6511	.3985	-.0968	6.65	OFF
.201	265.90	4.00	17.17	2.6550	.4597	-.0387	5.78	2.6551	.4601	-.0460	5.77	OFF
.201	265.40	3.99	18.19	2.6230	.4753	.0172	5.52	2.6230	.4753	.0079	5.52	OFF
.201	264.80	3.99	19.19	2.6350	.5176	.0606	5.09	2.6350	.5176	.0507	5.09	OFF
.201	265.00	4.00	21.13	2.4480	.5432	-.0421	4.51	2.4480	.5432	-.0500	4.51	OFF
.200	263.70	4.00	23.07	2.3680	.5988	.0099	3.95	2.3680	.5988	.0040	3.95	OFF
.200	262.30	3.99	25.16	2.3230	.6376	.0754	3.64	2.3230	.6376	.0716	3.64	OFF
.202	269.00	4.01	.39	1.4660	.1704	-.4867	8.60	1.3444	.1662	-.4943	8.09	OFF

LANDING WING CONFIGURATION, ASPECT RATIO 12, INBOARD SLATS -50, OUTBOARD SLATS -50, FLAPS 60

Table 316 . Tabulated longitidinal data for run 139.

TABLE 317 .- TABULATED PRESSURE DATA FOR RUN 143 AT ALPHA = -5.94 DEGREES AND QINF = 13.04 KN/SQM (272.30 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	-.3496	155C	.7562	214A	-.4161	244C	-.2792	313A	-.5212		
111A	-.3837	154C	.8297	213A	-.4345	245C	-2.5274	312A	-.5054		
110A	-.4891	153C	.9252	212A	-.4258	246C	-2.0298	311A	-.5142		
109A	-1.3729	152C	.8901	211A	-.4363	247C	-1.5282	310A	-.6768		
108A	-2.3399	145C	-4.4242	210A	-.4541	248C	-1.0678	309A	-.7495		
101A	-1.5798	147C	-2.5413	208A	-.5531	249C	-.7947	301A	-.8609		
102A	-.1946	148C	-1.8258	201A	-.6741	250C	-.5138	302A	-.4453		
103A	.6050	149C	-1.2079	202A	.3955	264D	.3447	303A	.5516		
104A	.7655	150C	-.8359	203A	.7480	263D	.5741	304A	.7357		
105A	.6708	151C	-.7291	204A	.7366	262D	.5933	305A	.6647		
106A	.5147	165D	.7264	205A	.5963	261D	.5014	345E	.1346		
107A	.2570	164D	.8534	206A	.4069	256D	-.3431	344E	.0995		
142B	.4699	163D	.9899	242B	.1670	257D	-.9663	343E	.0978		
141B	.4725	159D	-1.3996	241B	.3403	258D	-.5330	342E	.0549		
140B	.3027	160D	-1.1002	240B	.1696	259D	-.1628	341E	.0015		
139B	.3088			238B	-.0020	260D	.0412	340E	-.0633		
138B	.3132			237B	-.1149			339E	-.1255		
137B	.1845			236B	-.1832			338E	-.2069		
136B	.0321			235B	-.2936			337E	-.2901		
135B	.0803			234B	-.3767			336E	-.3846		
133B	-.4984			233B	-.4336			335E	-.5265		
132B	-.3697			232B	-.4608			334E	-.6271		
131B	-.3846			231B	-.4555			333E	-.6569		
130B	-.4590			230B	-.4398			332E	-.6026		
115B	-.4844			218B	-.2463			331E	-.5746		
116B	-.4716			219B	-.5593			315E	-.6092		
117B	.3815			221B	-.5304			317E	.0764		
118B	-.4488			222B	-.4989			318E	-.3515		
120B	-.7969			223B	-.5103			319E	-.3927		
121B	-.5925			224B	-.5418			320E	-.3234		
122B	-.5374			225B	-.6197			321E	-.2927		
123B	-.5304			226B	-.8254			322E	-.3207		
124B	-.5628			227B	-.8359			323E	-.3067		
125B	-.5987			228B	-1.0057			325E	-.3610		
126B	-.7405			229B	-1.4906			326E	-.3531		
127B	-.7772			255C	.5242			327E	-.3102		
128B	-.9330			254C	.5645			328E	-.2200		
129B	-1.4818			253C	.4419			329E	-.1298		
157C	.4200			252C	.3386			330E	-.0362		
156C	.5898			251C	.0015						

TABLE 318 .- TABULATED PRESSURE DATA FOR RUN 143 AT ALPHA = .64 DEGREES AND QINF = 13.17 KN/SQM (275.00 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	-.2590	155C	.7769	214A	-.4719	244C	-.2017	313A	-.6423		
111A	-.0779	154C	.8500	213A	-.5006	245C	-3.4071	312A	-.6336		
110A	-.6189	153C	.9544	212A	-.4927	246C	-2.6578	311A	-.6206		
109A	-.8873	152C	.9605	211A	-.4640	247C	-1.9608	310A	-.8071		
108A	-.8995	145C	-4.4896	210A	-.6677	248C	-1.3692	309A	-1.1277		
101A	-.0649	147C	-2.6112	208A	-.9317	249C	-.9490	301A	-1.3656		
102A	.6408	148C	-1.8460	201A	-.0832	250C	-.7350	302A	.3611		
103A	.6922	149C	-1.2361	202A	.7575	264D	.2859	303A	.6756		
104A	.4482	150C	-.8559	203A	.5946	263D	.7177	304A	.4639		
105A	.2060	151C	-.7350	204A	.3541	262D	.8004	305A	.3071		
106A	-.0109	165D	.7473	205A	.1181	261D	.9005	345E	.2361		
107A	-.2200	164D	.8726	206A	-.1607	256D	.0410	344E	.2830		
142B	.5758	163D	1.0040	242B	.7055	257D	-1.3779	343E	.2822		
141B	.6785	159D	-1.3640	241B	.6028	258D	-.9516	342E	.2630		
140B	.3364	160D	-1.1082	240B	.4757	259D	-.4096	341E	.1969		
139B	.3556			238B	.4287	260D	-.0808	340E	.1352		
138B	.3904			237B	.2874			339E	.0639		
137B	.2859			236B	.3265			338E	-.0335		
136B	.1301			235B	.3492			337E	.0047		
135B	.2024			234B	.4074			336E	.0978		
133B	.6585			233B	.5648			335E	.2265		
132B	-.1789			232B	.7858			334E	.3987		
131B	-.5323			231B	.2013			333E	.7379		
130B	-1.0807			230B	-1.8078			332E	.3065		
115B	-.6315			218B	-1.3220			331E	-1.1955		
116B	-.5728			219B	-1.8159			315E	-1.3377		
117B	-1.1643			221B	-1.3057			317E	-1.4169		
118B	-1.7079			222B	-1.1248			318E	-1.3612		
120B	-1.7123			223B	-1.0517			319E	-1.6147		
121B	-1.2692			224B	-1.0351			320E	-.9840		
122B	-1.0082			225B	-1.0534			321E	-.7980		
123B	-.9186			226B	-1.2344			322E	-.7223		
124B	-.8916			227B	-1.2265			323E	-.6476		
125B	-.8551			228B	-1.3570			325E	-.5545		
126B	-.9638			229B	-1.8512			326E	-.4893		
127B	-.9803			255C	.6341			327E	-.3762		
128B	-1.1091			254C	.7612			328E	-.2353		
129B	-1.5815			253C	.7995			329E	-.1701		
157C	.4409			252C	.8674			330E	-.1396		
156C	.6080			251C	.8831						

TABLE 319 .- TABULATED PRESSURE DATA FOR RUN 143 AT ALPHA = 4.61 DEGREES AND QINF = 13.24 KN/SQM (276.60 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	-.3320	155C	.7901	214A	-.5105	244C	-.1430	313A	-.5824		
111A	-.0893	154C	.8586	213A	-.5798	245C	-3.4656	312A	-.6014		
110A	-.3726	153C	.9548	212A	-.5806	246C	-2.6873	311A	-.5841		
109A	-.3778	152C	.9704	211A	-.5304	247C	-1.9706	310A	-.5547		
108A	-.1108	145C	-4.2809	210A	-.3813	248C	-1.3403	309A	-.5815		
101A	.4978	147C	-2.4304	208A	.1146	249C	-.9144	301A	-.0986		
102A	.6929	148C	-1.6996	201A	.6357	250C	-.6979	302A	.7432		
103A	.3981	149C	-1.1066	202A	.5481	264D	.3127	303A	.3869		
104A	.0210	150C	-.7585	203A	.0947	263D	.7278	304A	.0132		
105A	-.2079	151C	-.6417	204A	-.1437	262D	.8031	305A	-.1186		
106A	-.3830	165D	.7590	205A	-.3552	261D	.8924	345E	.2269		
107A	-.4758	164D	.8802	206A	-.6153	256D	.0518	344E	.2694		
142B	.6160	163D	1.0050	242B	.6992	257D	-1.2936	343E	.2780		
141B	.7087	159D	-1.2598	241B	.6576	258D	-.8815	342E	.2598		
140B	.3699	160D	-1.0096	240B	.5094	259D	-.3603	341E	.1975		
139B	.3864			238B	.4765	260D	-.0486	340E	.1498		
138B	.4245			237B	.3517			339E	.1013		
137B	.3222			236B	.4080			338E	.0198		
136B	.2044			235B	.4410			337E	.0796		
135B	.2876			234B	.5085			336E	.1845		
133B	.6454			233B	.6480			335E	.3075		
132B	.5493			232B	.7858			334E	.4695		
131B	-.3631			231B	.4687			333E	.7243		
130B	-1.5632			230B	-1.8492			332E	.5960		
115B	-1.1569			218B	-1.9444			331E	-.5642		
116B	-.9925			219B	-2.5207			315E	-1.9357		
117B	-2.0025			221B	-1.6771			317E	-2.1899		
118B	-2.5576			222B	-1.4061			318E	-1.9834		
120B	-2.2329			223B	-1.2737			319E	-2.1916		
121B	-1.6044			224B	-1.2208			320E	-1.3193		
122B	-1.2390			225B	-1.2009			321E	-1.0217		
123B	-1.0780			226B	-1.3646			322E	-.9004		
124B	-1.0191			227B	-1.3048			323E	-.7869		
125B	-.9360			228B	-1.4105			325E	-.6448		
126B	-.9949			229B	-1.8996			326E	-.5529		
127B	-.9680			255C	.6472			327E	-.4169		
128B	-1.0841			254C	.7685			328E	-.2548		
129B	-1.4641			253C	.8075			329E	-.1916		
157C	.4635			252C	.8690			330E	-.1725		
156C	.6238			251C	.8751						

TABLE 320.- TABULATED PRESSURE DATA FOR RUN 143 AT ALPHA = 8.93 DEGREES AND QINF = 13.15 KN/SQM (274.70 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	-.2396	155C	.7970	214A	-.0579	244C	-.1085	313A	-.3697		
111A	.0259	154C	.8642	213A	-.3723	245C	-3.3753	312A	-.4212		
110A	-.0897	153C	.9559	212A	-.4422	246C	-2.5813	311A	-.3749		
109A	.1454	152C	.9699	211A	-.3531	247C	-1.8405	310A	-.1474		
108A	.4645	145C	-4.1051	210A	.0676	248C	-1.2271	309A	-.0102		
101A	.6971	147C	-2.2896	208A	.7198	249C	-.7847	301A	.6245		
102A	.3168	148C	-1.5255	201A	.6534	250C	-.5762	302A	.4593		
103A	-.2480	149C	-.9933	202A	-.4097	264D	.3237	303A	-.4079		
104A	-.6807	150C	-.6565	203A	-.9456	263D	.7297	304A	-.6956		
105A	-.8424	151C	-.5352	204A	-1.0234	262D	.8014	305A	-.7506		
106A	-.9657	165D	.7708	205A	-1.0907	261D	.8826	345E	.2171		
107A	-.9640	164D	.8861	206A	-1.2621	256D	.0956	344E	.2590		
142B	.6250	163D	1.0074	242B	.6904	257D	-1.1338	343E	.2643		
141B	.7201	159D	-1.1067	241B	.7158	258D	-.7751	342E	.2477		
140B	.3970	160D	-.8956	240B	.5437	259D	-.3075	341E	.1927		
139B	.4232			238B	.5271	260D	-.0370	340E	.1595		
138B	.4503			237B	.4171			339E	.1150		
137B	.3708			236B	.4852			338E	.0652		
136B	.2739			235B	.5315			337E	.1481		
135B	.3804			234B	.6031			336E	.2634		
133B	.6634			233B	.7123			335E	.3918		
132B	.6948			232B	.7856			334E	.5376		
131B	.1158			231B	.4809			333E	.7132		
130B	-1.5931			230B	-1.5896			332E	.6031		
115B	-1.5634			218B	-2.6024			331E	-.3269		
116B	-1.5112			219B	-3.3302			315E	-2.4603		
117B	-3.0166			221B	-2.1319			317E	-2.9975		
118B	-3.6031			222B	-1.7367			318E	-2.6050		
120B	-2.8190			223B	-1.5098			319E	-2.7419		
121B	-1.9653			224B	-1.4121			320E	-1.6546		
122B	-1.4758			225B	-1.3423			321E	-1.2657		
123B	-1.2533			226B	-1.4714			322E	-1.0997		
124B	-1.1407			227B	-1.3728			323E	-.9443		
125B	-1.0020			228B	-1.4540			325E	-.7033		
126B	-1.0308			229B	-1.8641			326E	-.5863		
127B	-.9933			255C	.6607			327E	-.4212		
128B	-1.0832			254C	.7725			328E	-.2771		
129B	-1.3903			253C	.8101			329E	-.2396		
157C	.4809			252C	.8677			330E	-.2343		
156C	.6433			251C	.8607						

TABLE 321 .- TABULATED PRESSURE DATA FOR RUN 143 AT ALPHA = 11.02 DEGREES AND QINF = 13.12 KN/SQM (274.00 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	-.2006	155C	.7996	214A	.2035	244C	-.0918	313A	-.2637		
111A	.1799	154C	.8619	213A	-.2698	245C	-3.2565	312A	-.3391		
110A	.0675	153C	.9548	212A	-.3487	246C	-2.4735	311A	-.2707		
109A	.3553	152C	.9776	211A	-.1971	247C	-1.7245	310A	.0412		
108A	.6432	145C	-3.9084	210A	.2807	248C	-1.1201	309A	.2219		
101A	.6274	147C	-2.1832	208A	.7661	249C	-.6936	301A	.7178		
102A	-.0756	148C	-1.4810	201A	.3597	250C	-.4869	302A	-.0290		
103A	-.7197	149C	-.9231	202A	-1.2348	264D	.3079	303A	-1.0541		
104A	-1.1471	150C	-.5981	203A	-1.6947	263D	.7269	304A	-1.1971		
105A	-1.2199	151C	-.4939	204A	-1.5912	262D	.7935	305A	-1.1488		
106A	-1.2954	165D	.7760	205A	-1.5209	261D	.8733	345E	.1816		
107A	-1.2331	164D	.8899	206A	-1.6579	256D	.1341	344E	.2403		
142B	.6234	163D	1.0039	242B	.6839	257D	-1.0177	343E	.2535		
141B	.6830	159D	-1.0536	241B	.7321	258D	-.7260	342E	.2368		
140B	.4174	160D	-.8267	240B	.5559	259D	-.3056	341E	.1939		
139B	.4393			238B	.5480	260D	-.0910	340E	.1667		
138B	.4727			237B	.4516			339E	.1317		
137B	.3894			236B	.5261			338E	.0904		
136B	.3175			235B	.5708			337E	.1799		
135B	.4271			234B	.6427			336E	.3017		
133B	.6936			233B	.7383			335E	.4297		
132B	.6997			232B	.7812			334E	.5691		
131B	.2237			231B	.4674			333E	.7093		
130B	-1.4305			230B	-1.5032			332E	.5796		
115B	-1.6584			218B	-2.9999			331E	-.2874		
116B	-1.7895			219B	-3.7348			315E	-2.7572		
117B	-3.5278			221B	-2.3266			317E	-3.4913		
118B	-4.1297			222B	-1.8760			318E	-2.9955		
120B	-3.1312			223B	-1.6316			319E	-3.0755		
121B	-2.1832			224B	-1.4994			320E	-1.8579		
122B	-1.5905			225B	-1.4083			321E	-1.3902		
123B	-1.3084			226B	-1.5187			322E	-1.1885		
124B	-1.1893			227B	-1.4004			323E	-1.0001		
125B	-1.0282			228B	-1.4390			325E	-.7257		
126B	-1.0282			229B	-1.7788			326E	-.5880		
127B	-.9993			255C	.6646			327E	-.4197		
128B	-1.0571			254C	.7707			328E	-.3110		
129B	-1.3295			253C	.8093			329E	-.2953		
157C	.4849			252C	.8627			330E	-.2777		
156C	.6488			251C	.8575						

TABLE 322.- TABULATED PRESSURE DATA FOR RUN 143 AT ALPHA = 12.94 DEGREES AND QINF = 13.04 KN/SQM (272.30 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	-.1557	155C	.8009	214A	.3932	244C	-.0874	313A	-.1169		
111A	.3676	154C	.8573	213A	-.1610	245C	-3.0605	312A	-.2607		
110A	.2306	153C	.9535	212A	-.2625	246C	-2.2613	311A	-.1628		
109A	.5187	152C	.9712	211A	-.1027	247C	-1.5280	310A	.1970		
108A	.7096	145C	-3.8886	210A	.4259	248C	-.9449	309A	.3844		
101A	.4595	147C	-2.1094	208A	.6786	249C	-.5585	301A	.6716		
102A	-.5337	148C	-1.4142	201A	-.0804	250C	-.4094	302A	-.6672		
103A	-1.2212	149C	-.8840	202A	-2.0890	264D	.2555	303A	-1.7258		
104A	-1.6268	150C	-.5515	203A	-2.4312	263D	.7082	304A	-1.6551		
105A	-1.5818	151C	-.4412	204A	-2.1393	262D	.7876	305A	-1.5031		
106A	-1.6074	165D	.7788	205A	-1.9308	261D	.8653	345E	.1655		
107A	-1.4722	164D	.8882	206A	-2.1190	256D	.1737	344E	.2264		
142B	.5988	163D	1.0029	242B	.6826	257D	-.9273	343E	.2441		
141B	.6464	159D	-.9890	241B	.7576	258D	-.7014	342E	.2299		
140B	.4347	160D	-.7623	240B	.5670	259D	-.3380	341E	.1902		
139B	.4532			238B	.5653	260D	-.1421	340E	.1673		
138B	.4823			237B	.4744			339E	.1399		
137B	.4153			236B	.5503			338E	.1064		
136B	.3552			235B	.6014			337E	.2061		
135B	.4611			234B	.6738			336E	.3288		
133B	.7082			233B	.7603			335E	.4594		
132B	.6985			232B	.7664			334E	.5873		
131B	.2670			231B	.4629			333E	.7003		
130B	-1.2914			230B	-1.4220			332E	.5661		
115B	-1.6691			218B	-3.2947			331E	-.2722		
116B	-2.0147			219B	-4.1065			315E	-2.9576		
117B	-3.9901			221B	-2.5143			317E	-3.8359		
118B	-4.5908			222B	-2.0044			318E	-3.2387		
120B	-3.3683			223B	-1.7107			319E	-3.2851		
121B	-2.3445			224B	-1.5713			320E	-1.9803		
122B	-1.6851			225B	-1.4425			321E	-1.4926		
123B	-1.3851			226B	-1.5351			322E	-1.2693		
124B	-1.2360			227B	-1.3807			323E	-1.0558		
125B	-1.0499			228B	-1.3966			325E	-.7249		
126B	-1.0481			229B	-1.6480			326E	-.5784		
127B	-.9890			255C	.6641			327E	-.4407		
128B	-1.0508			254C	.7647			328E	-.3895		
129B	-1.3022			253C	.8053			329E	-.3683		
157C	.4832			252C	.8591			330E	-.3533		
156C	.6464			251C	.8494						

TABLE 323.- TABULATED PRESSURE DATA FOR RUN 143 AT ALPHA = 14.02 DEGREES AND QINF = 13.16 KN/SQM (274.90 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	-.1168	155C	.7992	214A	.4583	244C	-.0739	313A	-.0235		
111A	.4571	154C	.8543	213A	-.0960	245C	-2.9062	312A	-.2246		
110A	.3045	153C	.9392	212A	-.2351	246C	-2.1325	311A	-.1223		
109A	.5916	152C	.9689	211A	-.0899	247C	-1.4288	310A	.2748		
108A	.7194	145C	-3.8456	210A	.4945	248C	-.8702	309A	.4595		
101A	.3247	147C	-2.1167	208A	.5698	249C	-.5415	301A	.5960		
102A	-.8264	148C	-1.4034	201A	-.4063	250C	-.4183	302A	-1.1118		
103A	-1.5538	149C	-.8772	202A	-2.6513	264D	.2367	303A	-2.2496		
104A	-1.9206	150C	-.5363	203A	-2.8673	263D	.7039	304A	-2.0108		
105A	-1.8234	151C	-.4323	204A	-2.4708	262D	.7808	305A	-1.7849		
106A	-1.8103	165D	.7843	205A	-2.1507	261D	.8613	345E	.1287		
107A	-1.6703	164D	.8928	206A	-2.3225	256D	.1613	344E	.2126		
142B	.5884	163D	.9943	242B	.6785	257D	-.9664	343E	.2319		
141B	.6225	159D	-.9445	241B	.7502	258D	-.7802	342E	.2214		
140B	.4431	160D	-.6998	240B	.5691	259D	-.3973	341E	.1846		
139B	.4606			238B	.5656	260D	-.2172	340E	.1689		
138B	.4878			237B	.4819			339E	.1462		
137B	.4265			236B	.5641			338E	.1147		
136B	.3749			235B	.6148			337E	.2161		
135B	.4886			234B	.6883			336E	.3429		
133B	.7213			233B	.7652			335E	.4723		
132B	.6969			232B	.7591			334E	.5930		
131B	.2813			231B	.4531			333E	.6953		
130B	-1.2296			230B	-1.4268			332E	.5449		
115B	-1.7090			218B	-3.4824			331E	-.2867		
116B	-2.1707			219B	-4.2813			315E	-3.2074		
117B	-4.2787			221B	-2.6096			317E	-4.1755		
118B	-4.8990			222B	-2.0756			318E	-3.5318		
120B	-3.5353			223B	-1.7679			319E	-3.5778		
121B	-2.5124			224B	-1.6045			320E	-2.1394		
122B	-1.7347			225B	-1.4646			321E	-1.5545		
123B	-1.4262			226B	-1.5424			322E	-1.2939		
124B	-1.2644			227B	-1.3676			323E	-1.0911		
125B	-1.0800			228B	-1.3589			325E	-.7238		
126B	-1.0695			229B	-1.5520			326E	-.5726		
127B	-1.0092			255C	.6592			327E	-.4764		
128B	-1.0529			254C	.7616			328E	-.4196		
129B	-1.2872			253C	.7992			329E	-.4012		
157C	.4869			252C	.8543			330E	-.3872		
156C	.6487			251C	.8482						

TABLE 324.- TABULATED PRESSURE DATA FOR RUN 143 AT ALPHA = 14.93 DEGREES AND QINF = 13.27 KN/SQM (277.10 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	-.0778	155C	.7910	214A	.5053	244C	-.0590	313A	.0403		
111A	.5000	154C	.8456	213A	-.0056	245C	-2.7771	312A	-.1849		
110A	.3803	153C	.9409	212A	-.1580	246C	-2.0389	311A	-.1009		
109A	.6301	152C	.9651	211A	-.0394	247C	-1.3336	310A	.3291		
108A	.7082	145C	-3.8389	210A	.5416	248C	-.7860	309A	.5043		
101A	.1902	147C	-2.0744	208A	.4705	249C	-.4845	301A	.5477		
102A	-1.0861	148C	-1.3882	201A	-.6601	250C	-.3831	302A	-1.3551		
103A	-1.8218	149C	-.8605	202A	-3.0653	264D	.2436	303A	-2.3989		
104A	-2.1469	150C	-.5304	203A	-3.2527	263D	.7052	304A	-2.1134		
105A	-2.0049	151C	-.3987	204A	-2.7170	262D	.7815	305A	-1.8227		
106A	-1.9624	165D	.7841	205A	-2.3215	261D	.8594	345E	.1459		
107A	-1.7576	164D	.8837	206A	-2.4633	256D	.1827	344E	.1988		
142B	.5840	163D	.9928	242B	.6853	257D	-.9151	343E	.2213		
141B	.5970	159D	-.9151	241B	.7642	258D	-.7297	342E	.2135		
140B	.4437	160D	-.6733	240B	.5805	259D	-.3727	341E	.1849		
139B	.4714			238B	.5797	260D	-.1907	340E	.1658		
138B	.5017			237B	.4966			339E	.1416		
137B	.4350			236B	.5746			338E	.1182		
136B	.3934			235B	.6309			337E	.2230		
135B	.4991			234B	.6975			336E	.3529		
133B	.7269			233B	.7729			335E	.4811		
132B	.6931			232B	.7599			334E	.6023		
131B	.2947			231B	.4637			333E	.6932		
130B	-1.1692			230B	-1.3314			332E	.5434		
115B	-1.7063			218B	-3.5631			331E	-.2680		
116B	-2.2673			219B	-4.3748			315E	-3.1581		
117B	-4.4600			221B	-2.6851			317E	-4.1496		
118B	-5.0576			222B	-2.1004			318E	-3.4892		
120B	-3.6268			223B	-1.7711			319E	-3.4840		
121B	-2.4917			224B	-1.6004			320E	-2.0978		
122B	-1.7971			225B	-1.4488			321E	-1.5817		
123B	-1.4644			226B	-1.5173			322E	-1.3219		
124B	-1.2859			227B	-1.3310			323E	-1.0898		
125B	-1.0858			228B	-1.3128			325E	-.6967		
126B	-1.0736			229B	-1.4558			326E	-.5668		
127B	-1.0182			255C	.6637			327E	-.5165		
128B	-1.0624			254C	.7668			328E	-.4628		
129B	-1.2816			253C	.8023			329E	-.4282		
157C	.4930			252C	.8560			330E	-.4135		
156C	.6533			251C	.8482						

TABLE 325.- TABULATED PRESSURE DATA FOR RUN 143 AT ALPHA = 15.92 DEGREES AND QINF = 13.08 KN/SQM (273.20 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	-.0564	155C	.8001	214A	.5288	244C	-.0453	313A	.1204		
111A	.5462	154C	.8352	213A	.0879	245C	-2.6496	312A	-.1115		
110A	.4405	153C	.9205	212A	-.1071	246C	-1.9297	311A	-.0596		
109A	.6778	152C	.9600	211A	-.0166	247C	-1.2384	310A	.3851		
108A	.6761	145C	-3.6568	210A	.5882	248C	-.7568	309A	.5486		
101A	.0326	147C	-1.9858	208A	.3069	249C	-.4752	301A	.4282		
102A	-1.3807	148C	-1.3051	201A	-1.0089	250C	-.3857	302A	-1.8273		
103A	-2.0910	149C	-.7910	202A	-3.6090	264D	.2625	303A	-2.7963		
104A	-2.3677	150C	-.4752	203A	-3.6622	263D	.7202	304A	-2.3625		
105A	-2.1560	151C	-.3532	204A	-2.9287	262D	.7966	305A	-2.0083		
106A	-2.0813	165D	.7861	205A	-2.5288	261D	.8748	345E	.1424		
107A	-1.7825	164D	.8774	206A	-2.6395	256D	.1679	344E	.1951		
142B	.5664	163D	.9793	242B	.7000	257D	-.9340	343E	.2196		
141B	.5735	159D	-.8462	241B	.7834	258D	-.7620	342E	.2152		
140B	.4593	160D	-.6489	240B	.5805	259D	-.3751	341E	.1845		
139B	.4821			238B	.5901	260D	-.1997	340E	.1740		
138B	.4979			237B	.5016			339E	.1555		
137B	.4513			236B	.5815			338E	.1388		
136B	.4092			235B	.6377			337E	.2460		
135B	.5190			234B	.7044			336E	.3733		
133B	.7333			233B	.7808			335E	.4981		
132B	.6894			232B	.7536			334E	.6131		
131B	.3029			231B	.4568			333E	.6921		
130B	-1.1273			230B	-1.3243			332E	.5446		
115B	-1.7159			218B	-3.6970			331E	-.2485		
116B	-2.3085			219B	-4.4975			315E	-3.2510		
117B	-4.6195			221B	-2.7096			317E	-4.2824		
118B	-5.2223			222B	-2.1244			318E	-3.5803		
120B	-3.6717			223B	-1.7902			319E	-3.5297		
121B	-2.5469			224B	-1.5919			320E	-2.1384		
122B	-1.8130			225B	-1.4402			321E	-1.5816		
123B	-1.4630			226B	-1.4823			322E	-1.3129		
124B	-1.2744			227B	-1.2980			323E	-1.0775		
125B	-1.0638			228B	-1.2489			325E	-.7280		
126B	-1.0296			229B	-1.3788			326E	-.6129		
127B	-.9577			255C	.6771			327E	-.5611		
128B	-1.0103			254C	.7773			328E	-.5023		
129B	-1.1998			253C	.8133			329E	-.4663		
157C	.4979			252C	.8651			330E	-.4364		
156C	.6560			251C	.8642						

TABLE 326.- TABULATED PRESSURE DATA FOR RUN 143 AT ALPHA = 17.00 DEGREES AND QINF = 13.01 KN/SQM (271.80 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	-.0306	155C	.7818	214A	.5382	244C	-.0450	313A	.2291		
111A	.5635	154C	.8358	213A	.1902	245C	-2.4970	312A	-.0288		
110A	.4920	153C	.9127	212A	-.0465	246C	-1.7953	311A	-.0059		
109A	.7015	152C	.9463	211A	.0153	247C	-1.1106	310A	.4302		
108A	.6290	145C	-3.4780	210A	.6317	248C	-.7147	309A	.5884		
101A	-.1735	147C	-1.8465	208A	.0952	249C	-.4550	301A	.2251		
102A	-1.7148	148C	-1.2069	201A	-1.4700	250C	-.4064	302A	-2.4091		
103A	-2.4240	149C	-.7289	202A	-4.2711	264D	.2337	303A	-3.3699		
104A	-2.6569	150C	-.4426	203A	-4.2011	263D	.7093	304A	-2.7156		
105A	-2.3994	151C	-.3437	204A	-3.1938	262D	.7871	305A	-2.2759		
106A	-2.2628	165D	.7783	205A	-2.8006	261D	.8641	345E	.1302		
107A	-1.9702	164D	.8685	206A	-2.8636	256D	.1582	344E	.1982		
142B	.5626	163D	.9701	242B	.7040	257D	-.9453	343E	.2167		
141B	.5723	159D	-.8614	241B	.7836	258D	-.7669	342E	.2114		
140B	.4742	160D	-.6405	240B	.5829	259D	-.4090	341E	.1849		
139B	.4866			238B	.5944	260D	-.2253	340E	.1787		
138B	.5069			237B	.5082			339E	.1628		
137B	.4574			236B	.5912			338E	.1469		
136B	.4256			235B	.6495			337E	.2574		
135B	.5325			234B	.7158			336E	.3881		
133B	.7429			233B	.7811			335E	.5109		
132B	.6872			232B	.7449			334E	.6239		
131B	.3053			231B	.4508			333E	.6849		
130B	-1.0834			230B	-1.3043			332E	.5303		
115B	-1.7500			218B	-3.8683			331E	-.2391		
116B	-2.4669			219B	-4.6846			315E	-3.3778		
117B	-4.8746			221B	-2.7880			317E	-4.5322		
118B	-5.4956			222B	-2.1690			318E	-3.7474		
120B	-3.8052			223B	-1.8174			319E	-3.6712		
121B	-2.6101			224B	-1.6124			320E	-2.2006		
122B	-1.8324			225B	-1.4357			321E	-1.6329		
123B	-1.4675			226B	-1.4622			322E	-1.3440		
124B	-1.2581			227B	-1.2519			323E	-1.1047		
125B	-1.0425			228B	-1.1936			325E	-.7885		
126B	-.9878			229B	-1.2678			326E	-.6904		
127B	-.9180			255C	.6643			327E	-.6295		
128B	-.9533			254C	.7686			328E	-.5791		
129B	-1.1035			253C	.8048			329E	-.5199		
157C	.4936			252C	.8596			330E	-.4864		
156C	.6537			251C	.8632						

TABLE 327.- TABULATED PRESSURE DATA FOR RUN 143 AT ALPHA = 18.06 DEGREES AND QINF = 13.15 KN/SQM (274.60 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	-.0334	155C	.7911	214A	.5364	244C	-.0445	313A	.2747		
111A	.5598	154C	.8233	213A	.2285	245C	-2.4708	312A	.0401		
110A	.5298	153C	.9036	212A	-.0017	246C	-1.8093	311A	.0532		
109A	.7254	152C	.9219	211A	.0445	247C	-1.2838	310A	.4835		
108A	.5944	145C	-3.3010	210A	.6599	248C	-1.0328	309A	.6136		
101A	-.3190	147C	-1.7727	208A	.0076	249C	-.8062	301A	.0600		
102A	-2.0121	148C	-1.1260	201A	-1.7257	250C	-.4585	302A	-2.9478		
103A	-2.6536	149C	-.7155	202A	-4.1784	264D	.0713	303A	-3.8080		
104A	-2.9132	150C	-.4384	203A	-4.2580	263D	.6558	304A	-2.9669		
105A	-2.5238	151C	-.3513	204A	-3.4247	262D	.7509	305A	-2.4641		
106A	-2.3905	165D	.7692	205A	-2.9513	261D	.8417	345E	.1186		
107A	-2.0619	164D	.8504	206A	-3.0171	256D	.1595	344E	.1893		
142B	.5668	163D	.9568	242B	.6977	257D	-1.5443	343E	.2102		
141B	.5659	159D	-.8559	241B	.7614	258D	-.7914	342E	.2085		
140B	.4839	160D	-.6746	240B	.5503	259D	-.4306	341E	.1840		
139B	.4883			238B	.5974	260D	-.4907	340E	.1779		
138B	.5110			237B	.4780			339E	.1666		
137B	.4630			236B	.5704			338E	.1596		
136B	.4351			235B	.6341			337E	.2678		
135B	.5441			234B	.7178			336E	.4021		
133B	.7457			233B	.7824			335E	.5207		
132B	.6846			232B	.7431			334E	.6289		
131B	.3138			231B	.4666			333E	.6786		
130B	-1.0359			230B	-1.2883			332E	.5242		
115B	-1.7705			218B	-3.7232			331E	-.2303		
116B	-2.5506			219B	-4.7868			315E	-3.5121		
117B	-5.0421			221B	-2.7786			317E	-4.6803		
119B	-5.6331			222B	-1.9775			318E	-3.8911		
120B	-3.8868			223B	-1.6228			319E	-3.7604		
121B	-2.6645			224B	-1.4598			320E	-2.3040		
122B	-1.8433			225B	-1.4311			321E	-1.6459		
123B	-1.4659			226B	-1.2864			322E	-1.3755		
124B	-1.2524			227B	-1.1984			323E	-1.1217		
125B	-1.0249			228B	-1.1034			325E	-.9263		
126B	-.9761			229B	-1.2960			326E	-.7754		
127B	-.9064			255C	.6209			327E	-.6882		
128B	-.9264			254C	.7282			328E	-.6088		
129B	-1.0326			253C	.7989			329E	-.5478		
157C	.4866			252C	.8504			330E	-.5260		
156C	.6436			251C	.8521						

TABLE 328.- TABULATED PRESSURE DATA FOR RUN 143 AT ALPHA = 24.90 DEGREES AND QINF = 13.18 KN/SQM (275.20 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	.1404	155C	.7580	214A	.5469	244C	-.0321	313A	.5761		
111A	.5556	154C	.8181	213A	.5786	245C	-2.2417	312A	.3830		
110A	.6674	153C	.8910	212A	.3615	246C	-1.6853	311A	.4173		
109A	.7344	152C	.9271	211A	.2929	247C	-1.2314	310A	.6554		
108A	.3383	145C	-2.6997	210A	.7774	248C	-.8908	309A	.6605		
101A	-.9516	147C	-1.3001	208A	-1.1149	249C	-.8702	301A	-.5030		
102A	-2.8004	148C	-.9895	201A	-3.6929	250C	-.8093	302A	-3.9910		
103A	-3.2049	149C	-.6909	202A	-7.0236	264D	.1223	303A	-4.2763		
104A	-3.1845	150C	-.6326	203A	-6.2563	263D	.6731	304A	-3.8854		
105A	-2.4359	151C	-.6034	204A	-4.3333	262D	.7589	305A	-3.2969		
106A	-2.2077	165D	.7100	205A	-3.5430	261D	.8430	345E	.0234		
107A	-1.8796	164D	.8404	206A	-3.4068	256D	.0177	344E	.1238		
142B	.6053	163D	.9657	242B	.6765	257D	-1.4510	343E	.1556		
141B	.6165	159D	-1.1542	241B	.8104	258D	-1.3009	342E	.1607		
140B	.4938	160D	-1.0530	240B	.6079	259D	-.6935	341E	.1393		
139B	.5015			238B	.6113	260D	-.4370	340E	.1513		
138B	.5255			237B	.5434			339E	.1916		
137B	.4749			236B	.6404			338E	.1547		
136B	.4595			235B	.6962			337E	.2920		
135B	.5822			234B	.7605			336E	.4319		
133B	.7555			233B	.8017			335E	.5512		
132B	.6903			232B	.7245			334E	.6473		
131B	.4226			231B	.4585			333E	.6816		
130B	-.5906			230B	-1.0896			332E	.5803		
115B	-1.3781			218B	-4.0106			331E	.0946		
116B	-2.1804			219B	-4.6842			315E	-2.5108		
117B	-4.0804			221B	-2.6137			317E	-2.5875		
118B	-4.5326			222B	-1.9272			318E	-1.6940		
120B	-2.6957			223B	-1.5445			319E	-1.3434		
121B	-1.9109			224B	-1.3086			320E	-1.1037		
122B	-1.1611			225B	-1.1113			321E	-1.1385		
123B	-.9372			226B	-1.1173			322E	-1.1642		
124B	-.7767			227B	-.9766			323E	-1.0913		
125B	-.6635			228B	-.9466			325E	-1.0364		
126B	-.7278			229B	-1.1087			326E	-1.0458		
127B	-.7767			255C	.6362			327E	-.9849		
128B	-.7356			254C	.7460			328E	-.9480		
129B	-.7562			253C	.7838			329E	-.8776		
157C	.4260			252C	.8404			330E	-.8382		
156C	.6010			251C	.8413						

RUN NUMBER 143

LONGITUDINAL STABILITY-AXIS DATA

TEST NUMBER 496

MACH	Q,PSF	R	ALPHA,DEG	UNCORRECTED CL	UNCORRECTED CD	UNCORRECTED CM	UNCORRECTED L/D	CORRECTED FOR STRUT INTERFERENCE CL	CORRECTED FOR STRUT INTERFERENCE CD	CORRECTED FOR STRUT INTERFERENCE CM	CORRECTED FOR STRUT INTERFERENCE L/D	ISUBT
.202	272.30	4.21	-5.94	.5780	.1659	-.4929	3.48	.1867	.1609	-.3901	1.16	OFF
.201	270.60	4.19	-3.84	1.0370	.1616	-.6365	6.42	.7393	.1567	-.5724	4.72	OFF
.200	268.40	4.17	-1.50	1.3070	.1742	-.6385	7.50	1.1156	.1695	-.6161	6.58	OFF
.203	275.00	4.22	.64	1.5100	.1903	-.6111	7.93	1.3957	.1862	-.6222	7.50	OFF
.203	276.90	4.23	2.70	1.7060	.2090	-.5799	8.16	1.6277	.2068	-.6150	7.87	OFF
.203	276.60	4.23	4.61	1.8690	.2307	-.5484	8.10	1.8005	.2309	-.5903	7.80	OFF
.203	275.20	4.21	6.83	2.0760	.2528	-.4972	8.21	2.0144	.2546	-.5373	7.91	OFF
.203	274.70	4.20	8.93	2.2280	.2833	-.4517	7.86	2.1747	.2858	-.4889	7.61	OFF
.202	274.00	4.19	11.02	2.4140	.3087	-.3922	7.82	2.3721	.3133	-.4211	7.57	OFF
.202	272.80	4.18	12.00	2.4720	.3273	-.3663	7.55	2.4390	.3323	-.3873	7.34	OFF
.202	272.30	4.18	12.94	2.5510	.3382	-.3298	7.54	2.5283	.3424	-.3414	7.38	OFF
.203	274.90	4.19	14.02	2.6400	.3455	-.2971	7.64	2.6282	.3484	-.2990	7.54	OFF
.203	277.10	4.21	14.93	2.6770	.3817	-.2592	7.01	2.6717	.3837	-.2600	6.96	OFF
.202	273.20	4.18	15.92	2.7030	.4143	-.2181	6.52	2.7008	.4155	-.2228	6.50	OFF
.201	271.80	4.16	17.00	2.7370	.4648	-.1771	5.89	2.7370	.4653	-.1841	5.88	OFF
.202	274.60	4.18	18.06	2.7060	.4935	-.1178	5.48	2.7060	.4935	-.1269	5.48	OFF
.203	275.90	4.19	18.95	2.6790	.5047	-.0564	5.31	2.6790	.5047	-.0664	5.31	OFF
.202	273.90	4.18	20.89	2.3370	.4815	-.1521	4.85	2.3370	.4815	-.1602	4.85	OFF
.202	275.00	4.20	23.00	2.2750	.5330	-.0991	4.27	2.2750	.5330	-.1051	4.27	OFF
.203	275.20	4.20	24.90	2.4110	.6722	-.0194	3.59	2.4110	.6722	-.0235	3.59	OFF
.202	275.30	4.18	.63	1.5060	.1897	-.6014	7.94	1.3914	.1856	-.6123	7.50	OFF

LANDING WING CONFIGURATION, ASPECT RATIO 10, INBOARD SLATS -50, OUTBOARD SLATS -50, FLAPS 60

Table 329 . Tabulated longitidinal data for run 143.

TABLE 330.- TABULATED PRESSURE DATA FOR RUN 148 AT ALPHA = -5.81 DEGREES AND QINF = 12.90 KN/SQM (269.40 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	-.3740	155C	.7453	214A	-.4078	244C	-.3006	313A	-.5286		
111A	-.3945	154C	.7995	213A	-.4202	245C	-2.9883	312A	-.5082		
110A	-.5024	153C	.8342	212A	-.4229	246C	-2.3930	311A	-.4797		
109A	-1.4345	152C	.6796	211A	-.4264	247C	-1.8251	310A	-.7085		
108A	-2.3992	145C	-4.2105	210A	-.7352	248C	-1.3104	309A	-.6019		
101A	-1.6194	147C	-2.4952	208A	-2.3887	249C	-.9297	301A	-.6890		
102A	-.2242	148C	-1.8154	201A	-1.4514	250C	-.7186	302A	-.3051		
103A	.6013	149C	-1.2252	202A	.3063	264D	.3091	303A	.5569		
104A	.7719	150C	-.8605	203A	.7746	263D	.6547	304A	.7168		
105A	.6777	151C	-.7301	204A	.7755	262D	.6840	305A	.6582		
106A	.5142	165D	.7187	205A	.6289	261D	.7178	345E	.1261		
107A	.2574	164D	.8262	206A	.4245	256D	-.1497	344E	.0906		
142B	.4531	163D	.9346	242B	.3411	257D	-1.2519	343E	.0844		
141B	.4833	159D	-1.3637	241B	.4726	258D	-.8099	342E	.0613		
140B	.4193	160D	-1.0549	240B	.2505	259D	-.3228	341E	.0133		
139B	.4078			238B	.0959	260D	.0038	340E	-.0595		
138B	.3882			237B	-.0515			339E	-.1208		
137B	.2816			236B	-.0915			338E	-.2088		
136B	.1359			235B	-.1928			337E	-.2923		
135B	.0115			234B	-.3225			336E	-.3651		
133B	-.3829			233B	-.4948			335E	-.5446		
132B	-.3847			232B	-.4753			334E	-.6530		
131B	-.4060			231B	-.4433			333E	-.6396		
130B	-.4913			230B	-.4202			332E	-.5837		
115B	-.5002			218B	-.2731			331E	-.5828		
116B	-.4784			219B	-.5823			315E	-.5877		
117B	.3703			221B	-.5508			317E	.0841		
118B	-.4482			222B	-.5224			318E	-.3620		
120B	-.8036			223B	-.5331			319E	-.4242		
121B	-.5943			224B	-.5783			320E	-.3389		
122B	-.5375			225B	-.6467			321E	-.2994		
123B	-.5313			226B	-.8747			322E	-.3243		
124B	-.5686			227B	-.9102			323E	-.3172		
125B	-.5917			228B	-1.0992			325E	-.3642		
126B	-.7381			229B	-1.6707			326E	-.3642		
127B	-.7709			255C	.5437			327E	-.3136		
128B	-.9697			254C	.6414			328E	-.2283		
129B	-1.4817			253C	.6476			329E	-.1315		
157C	.4504			252C	.6405			330E	-.0400		
156C	.6014			251C	.4913						

TABLE 331 .- TABULATED PRESSURE DATA FOR RUN 148 AT ALPHA = .51 DEGREES AND QINF = 12.94 KN/SQM (270.20 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	-.1961	155C	.7808	214A	-.4515	244C	-.2177	313A	-.6138		
111A	-.1033	154C	.8611	213A	-.4863	245C	-3.3527	312A	-.6111		
110A	-.5976	153C	.9520	212A	-.4765	246C	-2.6018	311A	-.5995		
109A	-.9660	152C	.8976	211A	-.4453	247C	-1.9193	310A	-.7912		
108A	-1.0115	145C	-4.5506	210A	-.6538	248C	-1.3349	309A	-1.1311		
101A	-.1310	147C	-2.6472	208A	-.9455	249C	-.9259	301A	-1.4433		
102A	.6220	148C	-1.9576	201A	-.0908	250C	-.7210	302A	.3124		
103A	.7067	149C	-1.2761	202A	.7576	264D	.2856	303A	.6835		
104A	.4810	150C	-.8894	203A	.6023	263D	.7192	304A	.4899		
105A	.2321	151C	-.7513	204A	.3588	262D	.7959	305A	.3365		
106A	.0109	165D	.7362	205A	.1179	261D	.8958	345E	.2440		
107A	-.2095	164D	.8611	206A	-.1381	256D	.0612	344E	.2779		
142B	.6041	163D	.9859	242B	.7040	257D	-1.3376	343E	.2868		
141B	.5800	159D	-1.3812	241B	.6086	258D	-.9420	342E	.2663		
140B	.5497	160D	-1.0738	240B	.4721	259D	-.3941	341E	.2039		
139B	.5452			238B	.4257	260D	-.0689	340E	.1415		
138B	.5345			237B	.2824			339E	.0728		
137B	.4328			236B	.3261			338E	-.0253		
136B	.2615			235B	.3475			337E	.0060		
135B	.2437			234B	.4108			336E	.0996		
133B	.6907			233B	.5669			335E	.2191		
132B	-.3032			232B	.7809			334E	.4028		
131B	-.4834			231B	.1861			333E	.7389		
130B	-.8304			230B	-1.7766			332E	.2102		
115B	-.5583			218B	-1.2943			331E	-1.2148		
116B	-.5601			219B	-1.7725			315E	-1.2506		
117B	-1.1034			221B	-1.2859			317E	-1.3131		
118B	-1.6351			222B	-1.1059			318E	-1.2765		
120B	-1.6512			223B	-1.0231			319E	-1.5102		
121B	-1.2422			224B	-1.0168			320E	-.9312		
122B	-1.0213			225B	-1.0248			321E	-.7574		
123B	-.9126			226B	-1.2093			322E	-.6860		
124B	-.8974			227B	-1.2048			323E	-.6138		
125B	-.8547			228B	-1.3295			325E	-.5121		
126B	-1.0017			229B	-1.8285			326E	-.4515		
127B	-.9821			255C	.6344			327E	-.3472		
128B	-1.1870			254C	.7576			328E	-.2134		
129B	-1.6218			253C	.7977			329E	-.1563		
157C	.4614			252C	.8646			330E	-.1269		
156C	.6157			251C	.8807						

TABLE 332.- TABULATED PRESSURE DATA FOR RUN 148 AT ALPHA = 4.64 DEGREES AND QINF = 12.89 KN/SQM (269.30 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	-.3416	155C	.7949	214A	-.5088	244C	-.1725	313A	-.5886		
111A	-.1193	154C	.8630	213A	-.5805	245C	-3.4968	312A	-.6047		
110A	-.4157	153C	.9535	212A	-.5939	246C	-2.7186	311A	-.5832		
109A	-.4211	152C	.9042	211A	-.5384	247C	-1.9750	310A	-.5728		
108A	-.1537	145C	-4.5511	210A	-.3628	248C	-1.3515	309A	-.5979		
101A	.4860	147C	-2.6738	208A	.1513	249C	-.9107	301A	-.1223		
102A	.6977	148C	-1.8854	201A	.6520	250C	-.7011	302A	.7426		
103A	.4052	149C	-1.2601	202A	.5246	264D	.3011	303A	.4106		
104A	.0194	150C	-.8462	203A	.0598	263D	.7205	304A	.0365		
105A	-.2192	151C	-.6877	204A	-.1834	262D	.7940	305A	-.1026		
106A	-.4005	165D	.7501	205A	-.3763	261D	.8872	345E	.2295		
107A	-.4974	164D	.8666	206A	-.6499	256D	.0568	344E	.2743		
142B	.6336	163D	.9804	242B	.6891	257D	-1.3013	343E	.2770		
141B	.6031	159D	-1.2986	241B	.6587	258D	-.8946	342E	.2618		
140B	.5762	160D	-.9743	240B	.4964	259D	-.3732	341E	.1982		
139B	.5762			238B	.4651	260D	-.0561	340E	.1444		
138B	.5672			237B	.3487			339E	.0906		
137B	.4749			236B	.4034			338E	.0145		
136B	.3387			235B	.4410			337E	.0727		
135B	.3315			234B	.5082			336E	.1794		
133B	.6479			233B	.6489			335E	.3057		
132B	.5117			232B	.7869			334E	.4634		
131B	-.4294			231B	.4652			333E	.7268		
130B	-1.5882			230B	-1.8412			332E	.5960		
115B	-1.1751			218B	-1.9958			331E	-.5841		
116B	-1.0088			219B	-2.5988			315E	-1.9330		
117B	-2.0173			221B	-1.7152			317E	-2.1663		
119B	-2.6167			222B	-1.4223			318E	-1.9509		
120B	-2.2596			223B	-1.2941			319E	-2.1510		
121B	-1.6587			224B	-1.2404			320E	-1.2969		
122B	-1.2968			225B	-1.2198			321E	-.9945		
123B	-1.1419			226B	-1.3783			322E	-.8878		
124B	-1.0773			227B	-1.3273			323E	-.7633		
125B	-.9976			228B	-1.4357			325E	-.6235		
126B	-1.0997			229B	-1.9186			326E	-.5330		
127B	-1.1033			255C	.6416			327E	-.4040		
128B	-1.2565			254C	.7626			328E	-.2436		
129B	-1.6310			253C	.8003			329E	-.1844		
157C	.4857			252C	.8639			330E	-.1710		
156C	.6372			251C	.8675						

TABLE 333.- TABULATED PRESSURE DATA FOR RUN 148 AT ALPHA = 8.95 DEGREES AND QINF = 12.87 KN/SQM (268.90 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	-.2681	155C	.8013	214A	-.0437	244C	-.1352	313A	-.3925		
111A	-.0442	154C	.8642	213A	-.3737	245C	-3.4288	312A	-.4393		
110A	-.1157	153C	.9506	212A	-.4429	246C	-2.6159	311A	-.3853		
109A	.0831	152C	.8984	211A	-.3503	247C	-1.8519	310A	-.1544		
108A	.4394	145C	-4.4152	210A	.0723	248C	-1.2353	309A	-.0330		
101A	.6968	147C	-2.5179	208A	.7256	249C	-.8021	301A	.6203		
102A	.3144	148C	-1.7908	201A	.6374	250C	-.5900	302A	.4718		
103A	-.2579	149C	-1.1715	202A	-.4676	264D	.3120	303A	-.3875		
104A	-.7096	150C	-.7481	203A	-1.0083	263D	.7248	304A	-.6772		
105A	-.8275	151C	-.6052	204A	-1.0821	262D	.7932	305A	-.7276		
106A	-.9886	165D	.7572	205A	-1.1298	261D	.8768	345E	.2152		
107A	-1.0093	164D	.8633	206A	-1.3233	256D	.1021	344E	.2547		
142B	.6493	163D	.9775	242B	.6879	257D	-1.1292	343E	.2637		
141B	.6349	159D	-1.1877	241B	.7185	258D	-.7823	342E	.2476		
140B	.5953	160D	-.8884	240B	.5377	259D	-.3113	341E	.1945		
139B	.5989			238B	.5224	260D	-.0498	340E	.1514		
138B	.5926			237B	.4175			339E	.1109		
137B	.5179			236B	.4858			338E	.0570		
136B	.4019			235B	.5280			337E	.1334		
135B	.4109			234B	.6000			336E	.2566		
133B	.6663			233B	.7150			335E	.3815		
132B	.7014			232B	.7843			334E	.5317		
131B	.0817			231B	.4723			333E	.7142		
130B	-1.6577			230B	-1.6134			332E	.5982		
115B	-1.6487			218B	-2.6667			331E	-.3449		
116B	-1.5662			219B	-3.4055			315E	-2.4498		
117B	-3.0943			221B	-2.1746			317E	-2.9870		
118B	-3.7070			222B	-1.7629			318E	-2.6127		
120B	-2.9250			223B	-1.5445			319E	-2.7468		
121B	-2.0316			224B	-1.4465			320E	-1.6526		
122B	-1.5445			225B	-1.3800			321E	-1.2610		
123B	-1.3153			226B	-1.5094			322E	-1.0830		
124B	-1.2191			227B	-1.4007			323E	-.9256		
125B	-1.0699			228B	-1.4744			325E	-.6964		
126B	-1.1436			229B	-1.8716			326E	-.5867		
127B	-1.0798			255C	.6600			327E	-.4222		
128B	-1.2425			254C	.7680			328E	-.2793		
129B	-1.5822			253C	.8058			329E	-.2433		
157C	.5116			252C	.8651			330E	-.2289		
156C	.6556			251C	.8588						

TABLE 334.- TABULATED PRESSURE DATA FOR RUN 148 AT ALPHA = 10.93 DEGREES AND QINF = 12.89 KN/SQM (269.30 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	-.2355	155C	.8076	214A	.2082	244C	-.1322	313A	-.2844		
111A	.1224	154C	.8741	213A	-.2799	245C	-3.3378	312A	-.3482		
110A	.0338	153C	.9514	212A	-.3527	246C	-2.5073	311A	-.2916		
109A	.3307	152C	.8966	211A	-.1999	247C	-1.7488	310A	.0068		
108A	.6222	145C	-4.2499	210A	.2776	248C	-1.1423	309A	.1840		
101A	.6402	147C	-2.4309	208A	.7607	249C	-.7073	301A	.7112		
102A	-.0337	148C	-1.7012	201A	.3523	250C	-.4989	302A	.0293		
103A	-.6850	149C	-1.1081	202A	-1.2499	264D	.2968	303A	-.9827		
104A	-1.1213	150C	-.7244	203A	-1.6979	263D	.7141	304A	-1.1258		
105A	-1.2139	151C	-.5627	204A	-1.6152	262D	.7887	305A	-1.1033		
106A	-1.2976	165D	.7644	205A	-1.5459	261D	.8705	345E	.1902		
107A	-1.2589	164D	.8714	206A	-1.6835	256D	.1409	344E	.2432		
142B	.6547	163D	.9766	242B	.6799	257D	-1.0156	343E	.2612		
141B	.6547	159D	-1.1243	241B	.7374	258D	-.7289	342E	.2441		
140B	.6115	160D	-.8457	240B	.5531	259D	-.3102	341E	.1965		
139B	.6124			238B	.5468	260D	-.0954	340E	.1614		
138B	.6088			237B	.4428			339E	.1327		
137B	.5378			236B	.5120			338E	.0877		
136B	.4380			235B	.5623			337E	.1740		
135B	.4605			234B	.6387			336E	.2944		
133B	.6925			233B	.7394			335E	.4239		
132B	.7069			232B	.7780			334E	.5596		
131B	.2024			231B	.4634			333E	.7079		
130B	-1.5016			230B	-1.5202			332E	.5803		
115B	-1.7048			218B	-3.0221			331E	-.2943		
116B	-1.7987			219B	-3.8085			315E	-2.7226		
117B	-3.5365			221B	-2.3635			317E	-3.4171		
118B	-4.1651			222B	-1.8890			318E	-2.9223		
120B	-3.1550			223B	-1.6419			319E	-3.0319		
121B	-2.2215			224B	-1.5278			320E	-1.8122		
122B	-1.6320			225B	-1.4253			321E	-1.3603		
123B	-1.3624			226B	-1.5475			322E	-1.1625		
124B	-1.2438			227B	-1.4271			323E	-.9855		
125B	-1.0425			228B	-1.4766			325E	-.7140		
126B	-1.1288			229B	-1.8054			326E	-.5864		
127B	-1.0946			255C	.6610			327E	-.4174		
128B	-1.2088			254C	.7698			328E	-.3051		
129B	-1.4972			253C	.8058			329E	-.2862		
157C	.5207			252C	.8615			330E	-.2736		
156C	.6646			251C	.8552						

TABLE 335.- TABULATED PRESSURE DATA FOR RUN 148 AT ALPHA = 12.89 DEGREES AND QINF = 12.92 KN/SQM (269.80 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	-.1840	155C	.8080	214A	.3934	244C	-.1150	313A	-.1514		
111A	.3214	154C	.8771	213A	-.1702	245C	-3.0962	312A	-.2654		
110A	.1997	153C	.9462	212A	-.2618	246C	-2.3137	311A	-.1765		
109A	.4907	152C	.8959	211A	-.1110	247C	-1.5306	310A	.1736		
108A	.7045	145C	-4.0789	210A	.4243	248C	-.9502	309A	.3578		
101A	.4835	147C	-2.3155	208A	.6740	249C	-.5519	301A	.6812		
102A	-.4776	148C	-1.5961	201A	-.0967	250C	-.4173	302A	-.5935		
103A	-1.1801	149C	-1.0273	202A	-2.1214	264D	.2613	303A	-1.6391		
104A	-1.5834	150C	-.6649	203A	-2.4736	263D	.7074	304A	-1.5933		
105A	-1.5663	151C	-.5106	204A	-2.1574	262D	.7792	305A	-1.4747		
106A	-1.6112	165D	.7649	205A	-1.9391	261D	.8618	345E	.1600		
107A	-1.4846	164D	.8690	206A	-2.1753	256D	.1766	344E	.2246		
142B	.6724	163D	.9740	242B	.6805	257D	-.9313	343E	.2408		
141B	.6688	159D	-1.0578	241B	.7577	258D	-.7223	342E	.2318		
140B	.6203	160D	-.7887	240B	.5638	259D	-.3491	341E	.1914		
139B	.6239			238B	.5611	260D	-.1715	340E	.1672		
138B	.6230			237B	.4706			339E	.1385		
137B	.5566			236B	.5451			338E	.0999		
136B	.4668			235B	.5935			337E	.2013		
135B	.4974			234B	.6689			336E	.3216		
133B	.7110			233B	.7568			335E	.4490		
132B	.7038			232B	.7667			334E	.5827		
131B	.2514			231B	.4580			333E	.7048		
130B	-1.3572			230B	-1.4384			332E	.5639		
115B	-1.7244			218B	-3.3428			331E	-.2779		
116B	-2.0101			219B	-4.1351			315E	-2.9784		
117B	-4.0007			221B	-2.5362			317E	-3.7932		
118B	-4.6416			222B	-2.0141			318E	-3.2155		
120B	-3.4256			223B	-1.7432			319E	-3.2627		
121B	-2.3980			224B	-1.5943			320E	-1.9723		
122B	-1.7198			225B	-1.4687			321E	-1.4680		
123B	-1.4346			226B	-1.5602			322E	-1.2337		
124B	-1.2857			227B	-1.3969			323E	-1.0408		
125B	-1.1063			228B	-1.4131			325E	-.7051		
126B	-1.1188			229B	-1.6535			326E	-.5606		
127B	-1.0784			255C	.6634			327E	-.4395		
128B	-1.1681			254C	.7649			328E	-.3829		
129B	-1.4328			253C	.8017			329E	-.3623		
157C	.5387			252C	.8600			330E	-.3434		
156C	.6715			251C	.8475						

TABLE 336.- TABULATED PRESSURE DATA FOR RUN 148 AT ALPHA = 14.06 DEGREES AND QINF = 12.68 KN/SQM (269.10 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	-.1442	155C	.8124	214A	.4819	244C	-.1033	313A	-.0416		
111A	.4382	154C	.8756	213A	-.0777	245C	-2.9485	312A	-.2354		
110A	.2904	153C	.9477	212A	-.1984	246C	-2.1433	311A	-.1371		
109A	.5753	152C	.8972	211A	-.0642	247C	-1.4390	310A	.2642		
108A	.7160	145C	-3.9715	210A	.5005	248C	-.8518	309A	.4419		
101A	.3400	147C	-2.2307	208A	.5555	249C	-.4996	301A	.6042		
102A	-.8060	148C	-1.5299	201A	-.4526	250C	-.3969	302A	-1.0747		
103A	-1.5129	149C	-.9715	202A	-2.7464	264D	.2318	303A	-2.1144		
104A	-1.8889	150C	-.6158	203A	-2.9791	263D	.6988	304A	-1.9142		
105A	-1.8060	151C	-.4645	204A	-2.5372	262D	.7755	305A	-1.7122		
106A	-1.7970	165D	.7665	205A	-2.1883	261D	.8566	345E	.1476		
107A	-1.6590	164D	.8702	206A	-2.4011	256D	.1768	344E	.2206		
142B	.6790	163D	.9702	242B	.6799	257D	-.9346	343E	.2368		
141B	.6817	159D	-1.0022	241B	.7602	258D	-.7383	342E	.2251		
140B	.6321	160D	-.7482	240B	.5717	259D	-.3717	341E	.1890		
139B	.6303			238B	.5735	260D	-.1925	340E	.1710		
138B	.6312			237B	.4846			339E	.1494		
137B	.5681			236B	.5594			338E	.1188		
136B	.4869			235B	.6098			337E	.2152		
135B	.5194			234B	.6882			336E	.3422		
133B	.7223			233B	.7648			335E	.4684		
132B	.7033			232B	.7558			334E	.5936		
131B	.2687			231B	.4576			333E	.6963		
130B	-1.2830			230B	-1.3950			332E	.5486		
115B	-1.7483			218B	-3.5362			331E	-.2858		
116B	-2.1567			219B	-4.3476			315E	-3.1180		
117B	-4.2930			221B	-2.6414			317E	-4.0411		
118B	-4.9212			222B	-2.0839			318E	-3.4075		
120B	-3.5576			223B	-1.7965			319E	-3.4209		
121B	-2.4873			224B	-1.6299			320E	-2.0711		
122B	-1.7767			225B	-1.4840			321E	-1.5356		
123B	-1.4642			226B	-1.5606			322E	-1.2842		
124B	-1.2976			227B	-1.3777			323E	-1.0697		
125B	-1.1075			228B	-1.3651			325E	-.7255		
126B	-1.1030			229B	-1.5435			326E	-.5724		
127B	-1.0481			255C	.6628			327E	-.4696		
128B	-1.1373			254C	.7611			328E	-.4462		
129B	-1.3714			253C	.7998			329E	-.4002		
157C	.5483			252C	.8566			330E	-.3921		
156C	.6772			251C	.8458						

TABLE 337.- TABULATED PRESSURE DATA FOR RUN 148 AT ALPHA = 14.92 DEGREES AND QINF = 12.99 KN/SQM (271.20 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	-.1078	155C	.8180	214A	.4988	244C	-.0814	313A	.0252		
111A	.4832	154C	.8778	213A	.0029	245C	-2.8177	312A	-.1871		
110A	.3512	153C	.9475	212A	-.1505	246C	-2.0331	311A	-.1015		
109A	.6199	152C	.8975	211A	-.0426	247C	-1.3484	310A	.3155		
108A	.7136	145C	-3.8400	210A	.5405	248C	-.8482	309A	.4922		
101A	.2387	147C	-2.1294	208A	.4405	249C	-.4995	301A	.5395		
102A	-1.0180	148C	-1.4536	201A	-.7128	250C	-.3970	302A	-1.3581		
103A	-1.7518	149C	-.9213	202A	-3.1508	264D	.2493	303A	-2.3927		
104A	-2.0919	150C	-.5825	203A	-3.2826	263D	.6984	304A	-2.1124		
105A	-1.9508	151C	-.4229	204A	-2.7443	262D	.7734	305A	-1.8348		
106A	-1.9294	165D	.7689	205A	-2.3525	261D	.8546	345E	.1527		
107A	-1.7241	164D	.8707	206A	-2.5274	256D	.1754	344E	.2125		
142B	.6948	163D	.9725	242B	.6823	257D	-.9195	343E	.2250		
141B	.6885	159D	-.9364	241B	.7671	258D	-.7474	342E	.2250		
140B	.6359	160D	-.7109	240B	.5760	259D	-.3640	341E	.1902		
139B	.6394			238B	.5787	260D	-.1803	340E	.1741		
138B	.6377			237B	.4908			339E	.1536		
137B	.5760			236B	.5693			338E	.1233		
136B	.5011			235B	.6255			337E	.2277		
135B	.5359			234B	.6986			336E	.3508		
133B	.7323			233B	.7727			335E	.4819		
132B	.6984			232B	.7548			334E	.6068		
131B	.2850			231B	.4587			333E	.6915		
130B	-1.2265			230B	-1.3512			332E	.5452		
115B	-1.7443			218B	-3.6241			331E	-.2772		
116B	-2.2338			219B	-4.4237			315E	-3.1605		
117B	-4.4653			221B	-2.6822			317E	-4.1203		
118B	-5.0784			222B	-2.1062			318E	-3.4692		
120B	-3.6435			223B	-1.8013			319E	-3.4542		
121B	-2.5181			224B	-1.6167			320E	-2.0936		
122B	-1.8013			225B	-1.4696			321E	-1.5385		
123B	-1.4759			226B	-1.5311			322E	-1.2807		
124B	-1.2931			227B	-1.3564			323E	-1.0586		
125B	-1.0978			228B	-1.3243			325E	-.7027		
126B	-1.0934			229B	-1.4669			326E	-.5528		
127B	-1.0345			255C	.6627			327E	-.4984		
128B	-1.1165			254C	.7600			328E	-.4663		
129B	-1.3243			253C	.8010			329E	-.4226		
157C	.5546			252C	.8519			330E	-.4110		
156C	.6796			251C	.8412						

TABLE 338.- TABULATED PRESSURE DATA FOR RUN 148 AT ALPHA = 15.94 DEGREES AND QINF = 12.96 KN/SQM (270.70 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	-.0846	155C	.8146	214A	.5231	244C	-.0810	313A	.1210		
111A	.5318	154C	.8753	213A	.1022	245C	-?.6497	312A	-.1189		
110A	.4174	153C	.9449	212A	-.0948	246C	-1.9348	311A	-.0583		
109A	.6762	152C	.9002	211A	-.0083	247C	-1.2245	310A	.3665		
108A	.6878	145C	-3.6401	210A	.5932	248C	-.7494	309A	.5423		
101A	.0648	147C	-2.0017	208A	.2755	249C	-.4696	301A	.4084		
102A	-1.3444	148C	-1.3502	201A	-1.1088	250C	-.3947	302A	-1.8754		
103A	-2.0691	149C	-.8546	202A	-3.7508	264D	.2365	303A	-2.8527		
104A	-2.3583	150C	-.5061	203A	-3.7640	263D	.7093	304A	-2.3699		
105A	-2.1521	151C	-.3760	204A	-3.0122	262D	.7852	305A	-2.0334		
106A	-2.0985	165D	.7646	205A	-2.6064	261D	.8663	345E	.1450		
107A	-1.8174	164D	.8708	206A	-2.7277	256D	.1748	344E	.2012		
142B	.6888	163D	.9689	242B	.6951	257D	-.9535	343E	.2199		
141B	.6933	159D	-.8760	241B	.7843	258D	-.7512	342E	.2182		
140B	.6433	160D	-.6808	240B	.5773	259D	-.3849	341E	.1870		
139B	.6415			238B	.5871	260D	-.2049	340E	.1718		
138B	.6415			237B	.4964			339E	.1557		
137B	.5809			236B	.5766			338E	.1379		
136B	.5131			235B	.6346			337E	.2378		
135B	.5505			234B	.7068			336E	.3680		
133B	.7379			233B	.7755			335E	.4946		
132B	.6986			232B	.7460			334E	.6105		
131B	.2918			231B	.4527			333E	.6872		
130B	-1.1801			230B	-1.3263			332E	.5365		
115B	-1.7653			218B	-3.7853			331E	-.2527		
116B	-2.3529			219B	-4.6034			315E	-3.2864		
117B	-4.6795			221B	-2.7602			317E	-4.2956		
118B	-5.3075			222B	-2.1532			318E	-3.5977		
120B	-3.7446			223B	-1.8226			319E	-3.5332		
121B	-2.5739			224B	-1.6300			320E	-2.1342		
122B	-1.8252			225B	-1.4687			321E	-1.5741		
123B	-1.4839			226B	-1.5168			322E	-1.3138		
124B	-1.2878			227B	-1.3101			323E	-1.0641		
125B	-1.0881			228B	-1.2691			325E	-.7244		
126B	-1.0605			229B	-1.3769			326E	-.6512		
127B	-1.0070			255C	.6674			327E	-.5808		
128B	-1.0739			254C	.7682			328E	-.5327		
129B	-1.2405			253C	.8075			329E	-.4970		
157C	.5541			252C	.8619			330E	-.4479		
156C	.6835			251C	.8574						

TABLE 339.- TABULATED PRESSURE DATA FOR RUN 148 AT ALPHA = 17.09 DEGREES AND QINF = 12.98 KN/SQM (271.00 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	155C	.8152	214A	.5405	244C	-.0785	313A	.2255		
111A	.5526	154C	.8760	213A	.2023	245C	-2.4795	312A	-.0261		
110A	.4734	153C	.9439	212A	-.0386	246C	-1.7166	311A	-.0011		
109A	.7135	152C	.9072	211A	.0221	247C	-1.1260	310A	.4341		
108A	.6421	145C	-3.4254	210A	.6368	248C	-.6977	309A	.5859		
101A	-.1418	147C	-1.8424	208A	.0368	249C	-.4640	301A	.2359		
102A	-1.6890	148C	-1.2411	201A	-1.5765	250C	-.4104	302A	-2.4345		
103A	-2.4184	149C	-.7709	202A	-4.4099	264D	.2230	303A	-3.3703		
104A	-2.6612	150C	-.4791	203A	-4.3179	263D	.7063	304A	-2.7059		
105A	-2.3613	151C	-.3765	204A	-3.2632	262D	.7831	305A	-2.2738		
106A	-2.2675	165D	.7652	205A	-2.8603	261D	.8581	345E	.1265		
107A	-1.9756	164D	.8688	206A	-2.9487	256D	.1624	344E	.1988		
142B	.7045	163D	.9689	242B	.6973	257D	-.9707	343E	.2184		
141B	.7089	159D	-.8940	241B	.7822	258D	-.7834	342E	.2139		
140B	.6491	160D	-.7031	240B	.5812	259D	-.4167	341E	.1880		
139B	.6491			236B	.5973	260D	-.2338	340E	.1791		
138B	.6509			237B	.5040			339E	.1631		
137B	.5973			236B	.5941			338E	.1479		
136B	.5321			235B	.6503			337E	.2568		
135B	.5687			234B	.7181			336E	.3853		
133B	.7491			233B	.7815			335E	.5057		
132B	.6955			232B	.7431			334E	.6218		
131B	.3016			231B	.4477			333E	.6833		
130B	-1.1203			230B	-1.3058			332E	.5281		
115B	-1.7831			216B	-3.9356			331E	-.2439		
116B	-2.4755			219B	-4.7620			315E	-3.4278		
117B	-4.8930			221B	-2.8328			317E	-4.5232		
118B	-5.5141			222B	-2.2020			318E	-3.7587		
120B	-3.8348			223B	-1.8415			319E	-3.6428		
121B	-2.6427			224B	-1.6426			320E	-2.2131		
122B	-1.8406			225B	-1.4552			321E	-1.6191		
123B	-1.4704			226B	-1.4855			322E	-1.3219		
124B	-1.2723			227B	-1.2580			323E	-1.1006		
125B	-1.0519			228B	-1.2018			325E	-.7749		
126B	-1.0145			229B	-1.2777			326E	-.7061		
127B	-.9458			255C	.6643			327E	-.6374		
128B	-.9806			254C	.7679			328E	-.5473		
129B	-1.1188			253C	.8045			329E	-.5178		
157C	.5642			252C	.8563			330E	-.4768		
156C	.6848			251C	.8581						

TABLE 340 .- TABULATED PRESSURE DATA FOR RUN 148 AT ALPHA = 18.10 DEGREES AND QINF = 12.98 KN/SQM (271.10 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	-.0459	155C	.8106	214A	.5452	244C	-.0621	313A	.2639		
111A	.5533	154C	.8711	213A	.2470	245C	-2.4780	312A	.0342		
110A	.5252	153C	.9387	212A	.0307	246C	-1.8333	311A	.0431		
109A	.7124	152C	.9049	211A	.0574	247C	-1.2001	310A	.4851		
108A	.5974	145C	-3.3027	210A	.6571	248C	-.7772	309A	.6152		
101A	-.2954	147C	-1.8012	208A	-.0878	249C	-.5145	301A	.0610		
102A	-2.0036	148C	-1.1859	201A	-1.6748	250C	-.7460	302A	-2.9436		
103A	-2.6959	149C	-.7487	202A	-4.4346	264D	.0948	303A	-3.7590		
104A	-2.8715	150C	-.4673	203A	-4.6624	263D	.6485	304A	-2.9133		
105A	-2.5436	151C	-.3658	204A	-3.5012	262D	.7438	305A	-2.4545		
106A	-2.3948	165D	.7625	205A	-2.8599	261D	.8444	345E	.1242		
107A	-2.0918	164D	.8640	206A	-2.9606	256D	.0109	344E	.1954		
142B	.7055	163D	.9619	242B	.7019	257D	-1.2099	343E	.2168		
141B	.7082	159D	-.9036	241B	.7794	258D	-1.0301	342E	.2123		
140B	.6503	160D	-.7282	240B	.5515	259D	-.4281	341E	.1856		
139B	.6521			238B	.5693	260D	-.3186	340E	.1776		
138B	.6503			237B	.4865			339E	.1731		
137B	.5951			236B	.5844			338E	.1598		
136B	.5346			235B	.6521			337E	.2639		
135B	.5791			234B	.7251			336E	.3957		
133B	.7518			233B	.7865			335E	.5186		
132B	.6913			232B	.7447			334E	.6272		
131B	.3102			231B	.4714			333E	.6797		
130B	-1.0697			230B	-1.2246			332E	.5221		
115B	-1.7863			218B	-3.7272			331E	-.2337		
116B	-2.5747			219B	-4.5821			315E	-3.4994		
117B	-5.0916			221B	-2.7175			317E	-4.6845		
118B	-5.7018			222B	-2.0719			318E	-3.8526		
120B	-3.9206			223B	-1.6463			319E	-3.6972		
121B	-2.6890			224B	-1.3676			320E	-2.2629		
122B	-1.8600			225B	-1.2527			321E	-1.6448		
123B	-1.4762			226B	-1.2803			322E	-1.3519		
124B	-1.2723			227B	-1.2260			323E	-1.1258		
125B	-1.0541			228B	-1.1645			325E	-.8827		
126B	-.9873			229B	-1.2518			326E	-.8053		
127B	-.9223			255C	.6512			327E	-.6975		
128B	-.9651			254C	.7616			328E	-.5996		
129B	-1.0844			253C	.7714			329E	-.5337		
157C	.5604			252C	.8346			330E	-.5035		
156C	.6824			251C	.8453						

TABLE 341 .- TABULATED PRESSURE DATA FOR RUN 148 AT ALPHA = 19.02 DEGREES AND QINF = 12.98 KN/SQM (271.00 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	-.0276	155C	.8160	214A	.5510	244C	-.0602	313A	.2993		
111A	.5419	154C	.8747	213A	.3020	245C	-2.4743	312A	.0983		
110A	.5641	153C	.9424	212A	.0681	246C	-1.8681	311A	.0974		
109A	.7376	152C	.9148	211A	.0956	247C	-1.3384	310A	.5240		
108A	.5498	145C	-3.1521	210A	.6887	248C	-1.0219	309A	.6371		
101A	-.4808	147C	-1.6868	208A	-.1044	249C	-.8424	301A	-.1284		
102A	-2.3215	148C	-1.1224	201A	-1.8649	250C	-.8548	302A	-3.4467		
103A	-2.9801	149C	-.6940	202A	-4.7019	264D	.0881	303A	-4.1929		
104A	-3.1274	150C	-.4362	203A	-4.6349	263D	.6567	304A	-3.0956		
105A	-2.6980	151C	-.3473	204A	-3.5296	262D	.7466	305A	-2.6125		
106A	-2.5369	165D	.7644	205A	-3.0524	261D	.8329	345E	.1259		
107A	-2.2022	164D	.8658	206A	-2.9338	256D	-.0246	344E	.1979		
142B	.7128	163D	.9637	242B	.6843	257D	-1.3890	343E	.2210		
141B	.7199	159D	-.8726	241B	.7760	258D	-1.0717	342E	.2202		
140B	.6594	160D	-.7215	240B	.5642	259D	-.7482	341E	.1926		
139B	.6585			238B	.5749	260D	-.5064	340E	.1748		
138B	.6567			237B	.4897			339E	.1819		
137B	.6078			236B	.5937			338E	.1721		
136B	.5455			235B	.6498			337E	.2860		
135B	.5918			234B	.7218			336E	.4141		
133B	.7555			233B	.7912			335E	.5332		
132B	.6905			232B	.7494			334E	.6391		
131B	.3230			231B	.4656			333E	.6809		
130B	-1.0064			230B	-1.2217			332E	.5190		
115B	-1.7859			218B	-3.8560			331E	-.2192		
116B	-2.6535			219B	-4.5378			315E	-3.5764		
117B	-5.2117			221B	-2.6708			317E	-4.7822		
118B	-5.8495			222B	-2.1081			318E	-3.9265		
120B	-3.9565			223B	-1.6370			319E	-3.7272		
121B	-2.6921			224B	-1.4770			320E	-2.2912		
122B	-1.8468			225B	-1.2486			321E	-1.6842		
123B	-1.4682			226B	-1.1882			322E	-1.3933		
124B	-1.2566			227B	-1.1251			323E	-1.1790		
125B	-1.0246			228B	-1.0788			325E	-.9779		
126B	-.9615			229B	-1.2104			326E	-.8908		
127B	-.8797			255C	.6087			327E	-.7458		
128B	-.9277			254C	.7332			328E	-.6248		
129B	-1.0086			253C	.7769			329E	-.5377		
157C	.5677			252C	.8356			330E	-.5377		
156C	.6843			251C	.8445						

TABLE 342.- TABULATED PRESSURE DATA FOR RUN 148 AT ALPHA = 19.03 DEGREES AND QINF = 13.08 KN/SQM (273.10 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	-.0452	155C	.8117	214A	.5517	244C	-.0959	313A	.2855		
111A	.5508	154C	.8708	213A	.2873	245C	-2.4585	312A	.0757		
110A	.5442	153C	.9404	212A	.0449	246C	-1.7949	311A	.0740		
109A	.7206	152C	.9087	211A	.0907	247C	-1.3147	310A	.5036		
108A	.5530	145C	-3.2746	210A	.6730	248C	-1.0036	309A	.6148		
101A	-.4371	147C	-1.7209	208A	-.0877	249C	-.8132	301A	-.0497		
102A	-2.1790	148C	-1.1922	201A	-1.8419	250C	-.7163	302A	-3.1977		
103A	-2.8523	149C	-.7216	202A	-4.7377	264D	.0173	303A	-4.0049		
104A	-3.0394	150C	-.4651	203A	-4.7447	263D	.6592	304A	-3.0438		
105A	-2.6229	151C	-.3823	204A	-3.4933	262D	.7359	305A	-2.5408		
106A	-2.5002	165D	.7623	205A	-2.9449	261D	.8285	345E	.1322		
107A	-2.1578	164D	.8637	206A	-2.9773	256D	-.0210	344E	.2080		
142B	.7086	163D	.9642	242B	.6892	257D	-1.4936	343E	.2256		
141B	.7103	159D	-.9084	241B	.7747	258D	-1.2433	342E	.2230		
140B	.6574	160D	-.7313	240B	.5666	259D	-.6317	341E	.1974		
139B	.6521			238B	.5975	260D	-.5083	340E	.1903		
138B	.6521			237B	.4812			339E	.1815		
137B	.6028			236B	.5914			338E	.1727		
136B	.5411			235B	.6557			337E	.2776		
135B	.5860			234B	.7271			336E	.4063		
133B	.7544			233B	.7862			335E	.5253		
132B	.6883			232B	.7465			334E	.6346		
131B	.3136			231B	.4548			333E	.6760		
130B	-1.0415			230B	-1.2147			332E	.5209		
115B	-1.7856			218B	-3.8238			331E	-.2195		
116B	-2.6202			219B	-4.6660			315E	-3.4600		
117B	-5.1627			221B	-2.6145			317E	-4.7176		
118B	-5.7172			222B	-2.1492			318E	-3.8763		
120B	-3.9078			223B	-1.6469			319E	-3.7119		
121B	-2.6868			224B	-1.4028			320E	-2.2443		
122B	-1.8513			225B	-1.1930			321E	-1.6536		
123B	-1.4715			226B	-1.2398			322E	-1.3434		
124B	-1.2591			227B	-1.1102			323E	-1.1530		
125B	-1.0300			228B	-1.0741			325E	-.9291		
126B	-.9815			229B	-1.2124			326E	-.8445		
127B	-.9005			255C	.6186			327E	-.7070		
128B	-.9348			254C	.7394			328E	-.5853		
129B	-1.0591			253C	.7738			329E	-.5298		
157C	.5605			252C	.8382			330E	-.5104		
156C	.6830			251C	.8461						

TABLE 343.- TABULATED PRESSURE DATA FOR RUN 148 AT ALPHA = 24.94 DEGREES AND QINF = 13.05 KN/SQM (272.60 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	.1399	155C	.7885	214A	.5387	244C	-.0696	313A	.5807		
111A	.5449	154C	.8531	213A	.5894	245C	-2.2460	312A	.3938		
110A	.6634	153C	.9273	212A	.3650	246C	-1.6436	311A	.4191		
109A	.7194	152C	.9343	211A	.3187	247C	-1.2691	310A	.6538		
108A	.3472	145C	-2.3708	210A	.7753	248C	-.9802	309A	.6530		
101A	-.9378	147C	-1.3503	208A	-1.2672	249C	-.8693	301A	-.5770		
102A	-2.8387	148C	-.8728	201A	-3.8903	250C	-.7637	302A	-4.1171		
103A	-3.3362	149C	-.7148	202A	-7.3854	264D	.1224	303A	-4.3041		
104A	-3.2592	150C	-.7357	203A	-6.3213	263D	.6698	304A	-2.8990		
105A	-2.6212	151C	-.5603	204A	-4.4989	262D	.7545	305A	-2.2997		
106A	-2.3355	165D	.7161	205A	-3.6384	261D	.8383	345E	.0192		
107A	-1.9826	164D	.8435	206A	-3.4600	256D	.0020	344E	.1152		
142B	.7327	163D	.9596	242B	.6742	257D	-1.5249	343E	.1528		
141B	.7108	159D	-1.1469	241B	.8295	258D	-1.2726	342E	.1563		
140B	.6637	160D	-1.0325	240B	.6008	259D	-.7593	341E	.1336		
139B	.6576			238B	.6026	260D	-.4389	340E	.1449		
138B	.6593			237B	.5370			339E	.1502		
137B	.6087			236B	.6357			338E	.1510		
136B	.5677			235B	.6942			337E	.2881		
135B	.6270			234B	.7623			336E	.4270		
133B	.7649			233B	.7972			335E	.5466		
132B	.6995			232B	.7169			334E	.6426		
131B	.4166			231B	.4479			333E	.6828		
130B	-.6179			230B	-1.1186			332E	.5754		
115B	-1.4149			218B	-4.0643			331E	.0821		
116B	-2.2508			219B	-4.7474			315E	-2.5295		
117B	-4.3024			221B	-2.6327			317E	-2.5513		
118B	-4.7362			222B	-1.9125			318E	-1.7057		
120B	-2.8667			223B	-1.5764			319E	-1.2462		
121B	-1.9754			224B	-1.3005			320E	-1.2235		
122B	-1.2875			225B	-1.1216			321E	-1.1360		
123B	-1.0098			226B	-1.0945			322E	-1.2059		
124B	-.8623			227B	-.9828			323E	-1.0540		
125B	-.6991			228B	-.9653			325E	-1.0016		
126B	-.7113			229B	-1.1198			326E	-1.0417		
127B	-.7305			255C	.6357			327E	-1.0138		
128B	-.7951			254C	.7423			328E	-.9273		
129B	-.7759			253C	.7815			329E	-.8846		
157C	.4917			252C	.8374			330E	-.8392		
156C	.6340			251C	.8400						

RUN NUMBER 148

LONGITUDINAL STABILITY-AXIS DATA

TEST NUMBER 496

MACH	Q,PSF	R	ALPHA,DEG	UNCORRECTED CL	UNCORRECTED CD	UNCORRECTED CM	UNCORRECTED L/D	CORRECTED FOR STRUT INTERFERENCE CL	CORRECTED FOR STRUT INTERFERENCE CD	CORRECTED FOR STRUT INTERFERENCE CM	CORRECTED FOR STRUT INTERFERENCE L/D	ISUBT
.201	269.40	4.22	-5.81	.6080	.1469	-.5113	4.14	.2224	.1419	-.4110	1.57	OFF
.201	270.20	4.22	-3.63	1.0770	.1453	-.6436	7.41	.7889	.1404	-.5832	5.62	OFF
.201	269.00	4.21	-1.53	1.3050	.1592	-.6421	8.20	1.1123	.1545	-.6192	7.20	OFF
.201	270.20	4.21	.51	1.5110	.1755	-.6100	8.61	1.3930	.1713	-.6193	8.13	OFF
.201	269.80	4.21	2.68	1.6370	.1924	-.5741	8.51	1.5586	.1902	-.6091	8.20	OFF
.201	269.30	4.20	4.64	1.9020	.2222	-.5449	8.56	1.8336	.2224	-.5868	8.24	OFF
.201	269.50	4.20	6.73	2.0860	.2467	-.4989	8.46	2.0241	.2485	-.5391	8.15	OFF
.201	268.90	4.19	8.95	2.2700	.2784	-.4503	8.15	2.2168	.2809	-.4874	7.89	OFF
.201	269.30	4.19	10.93	2.4550	.3090	-.3971	7.94	2.4125	.3135	-.4265	7.69	OFF
.201	268.90	4.18	11.97	2.4880	.3172	-.3682	7.84	2.4547	.3222	-.3895	7.62	OFF
.201	269.80	4.19	12.99	2.5670	.3330	-.3352	7.71	2.5438	.3372	-.3474	7.54	OFF
.201	269.10	4.18	14.06	2.6660	.3393	-.2913	7.86	2.6545	.3421	-.2930	7.76	OFF
.202	271.20	4.19	14.92	2.6990	.3865	-.2521	6.98	2.6936	.3885	-.2529	6.93	OFF
.202	270.70	4.19	15.94	2.7520	.4398	-.2106	6.26	2.7499	.4409	-.2154	6.24	OFF
.202	271.00	4.19	17.00	2.7840	.4842	-.1698	5.75	2.7841	.4846	-.1770	5.74	OFF
.202	271.10	4.19	18.10	2.7690	.5156	-.1065	5.37	2.7690	.5156	-.1157	5.37	OFF
.202	271.00	4.19	19.02	2.7270	.5253	-.0489	5.19	2.7270	.5253	-.0589	5.19	OFF
.202	273.10	4.20	19.03	2.5610	.4972	-.1217	5.15	2.5610	.4972	-.1317	5.15	OFF
.202	272.50	4.20	20.97	2.6740	.6079	-.0508	4.40	2.6740	.6079	-.0588	4.40	OFF
.201	270.50	4.19	22.96	2.4960	.6147	-.0789	4.06	2.4960	.6147	-.0849	4.06	OFF
.202	272.10	4.20	22.92	2.4090	.5637	-.0733	4.27	2.4090	.5637	-.0794	4.27	OFF
.202	272.60	4.21	24.94	2.3800	.6506	.0136	3.66	2.3800	.6506	.0095	3.66	OFF
.200	268.30	4.15	.38	1.5220	.1713	-.6071	8.88	1.4001	.1671	-.6146	8.38	OFF

LANDING WING CONFIGURATION, ASPECT RATIO 10, INBOARD SLATS -50, OUTBOARD SLATS -50, FLAPS 60

Table 344 . Tabulated longitidinal data for run 148.

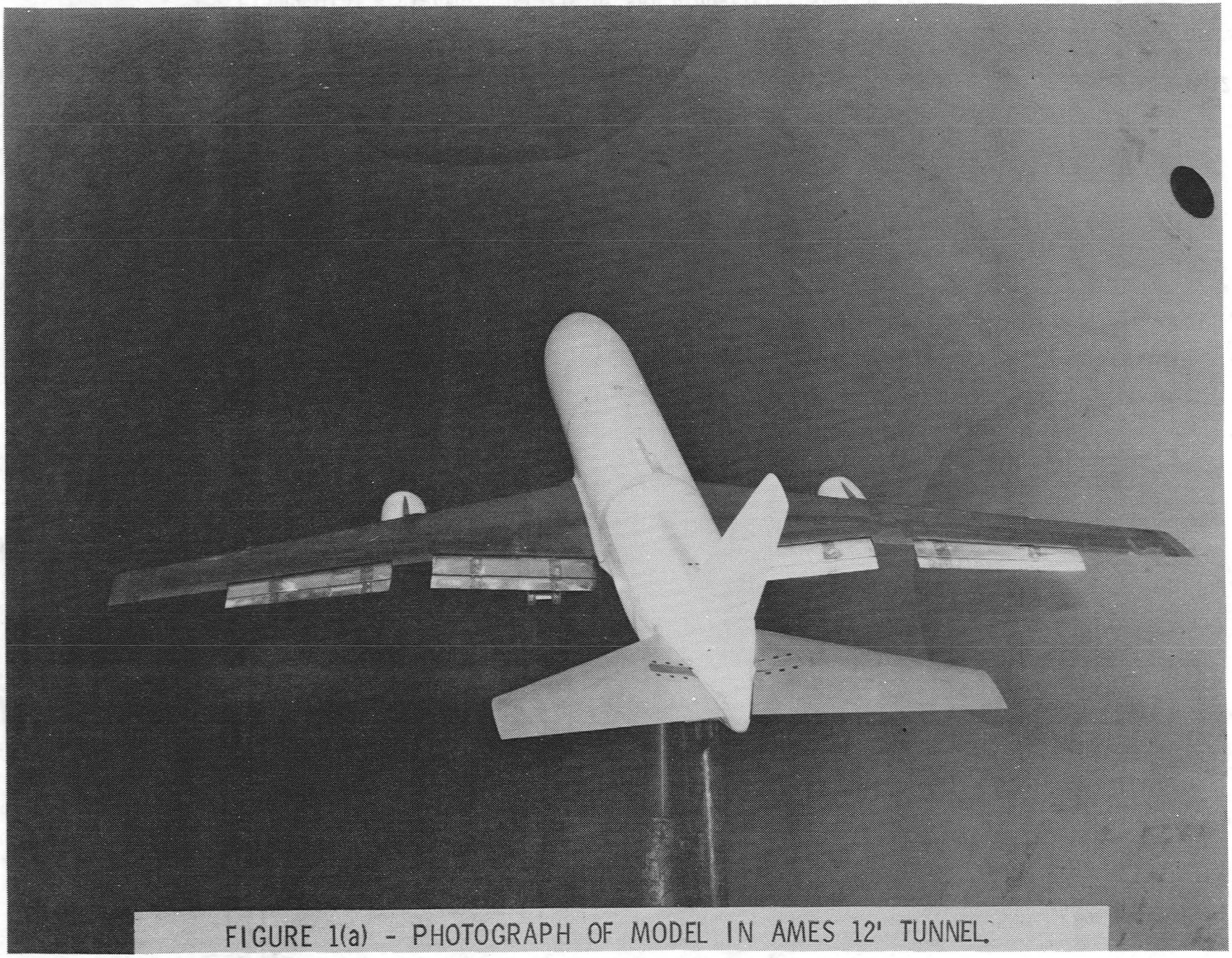


FIGURE 1(a) - PHOTOGRAPH OF MODEL IN AMES 12' TUNNEL.

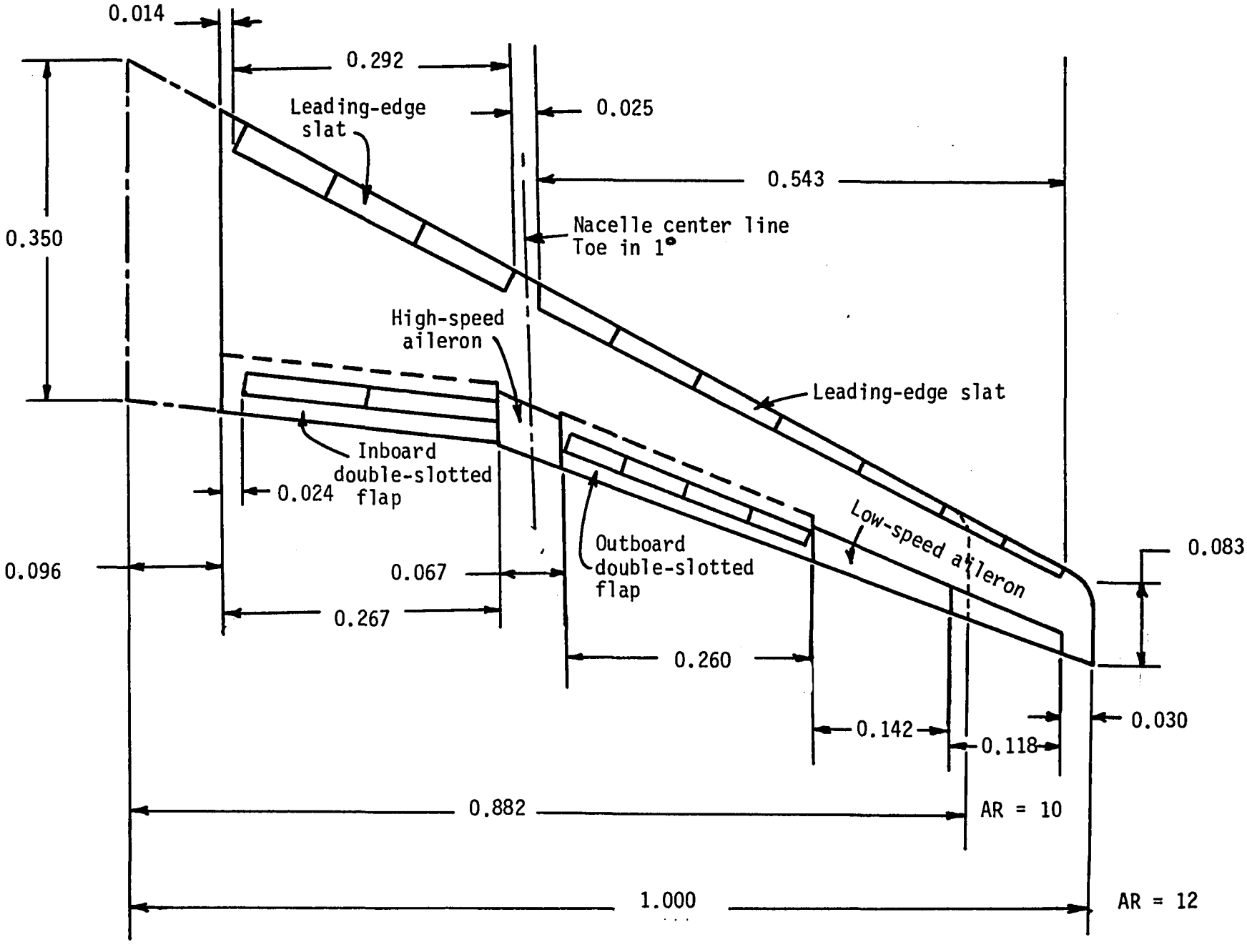


Figure 1(b) - Planform details of EET high-lift research model.

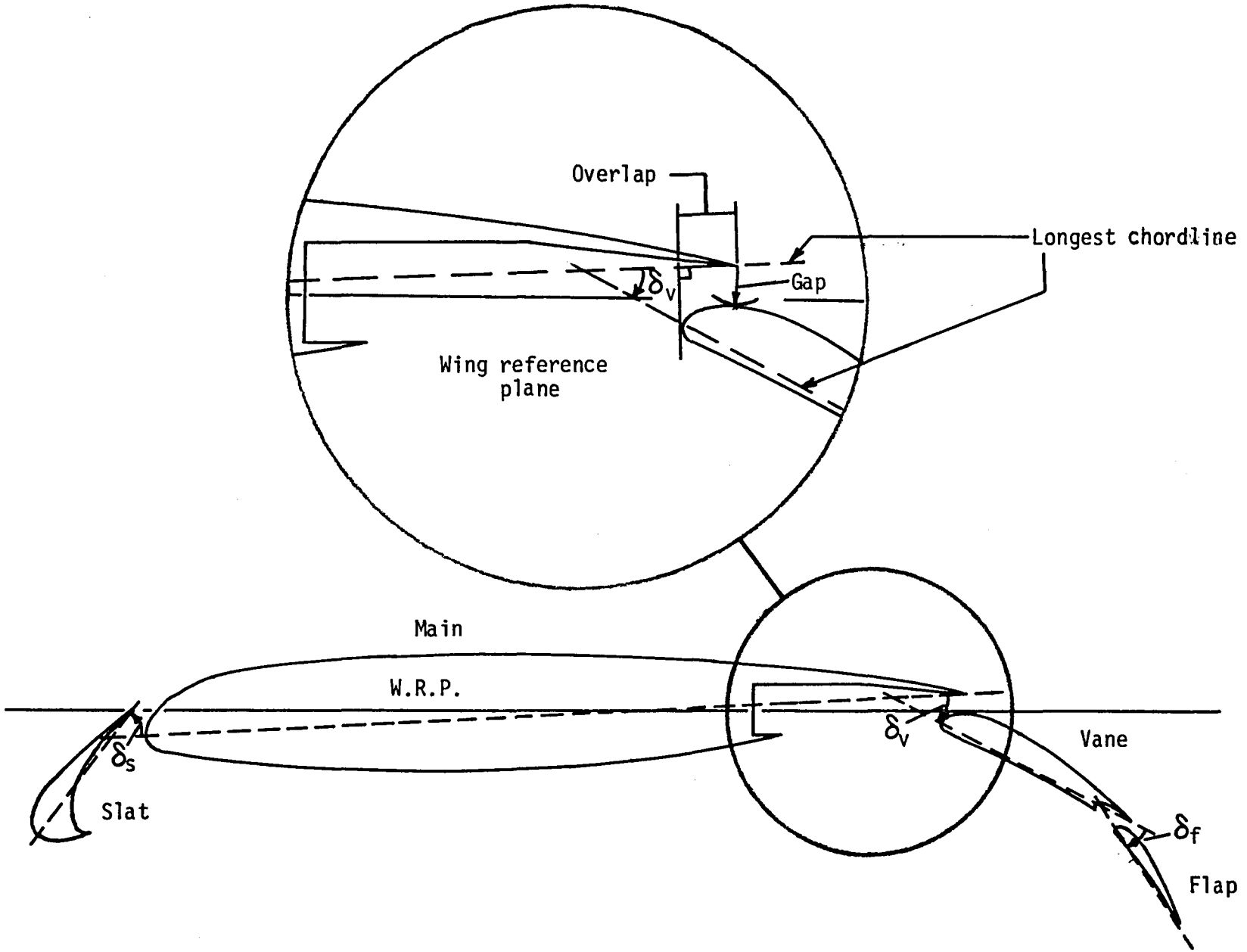


Figure 2. - Definition of gap, overlap, and deflection for slat, vane, and aft-flap.

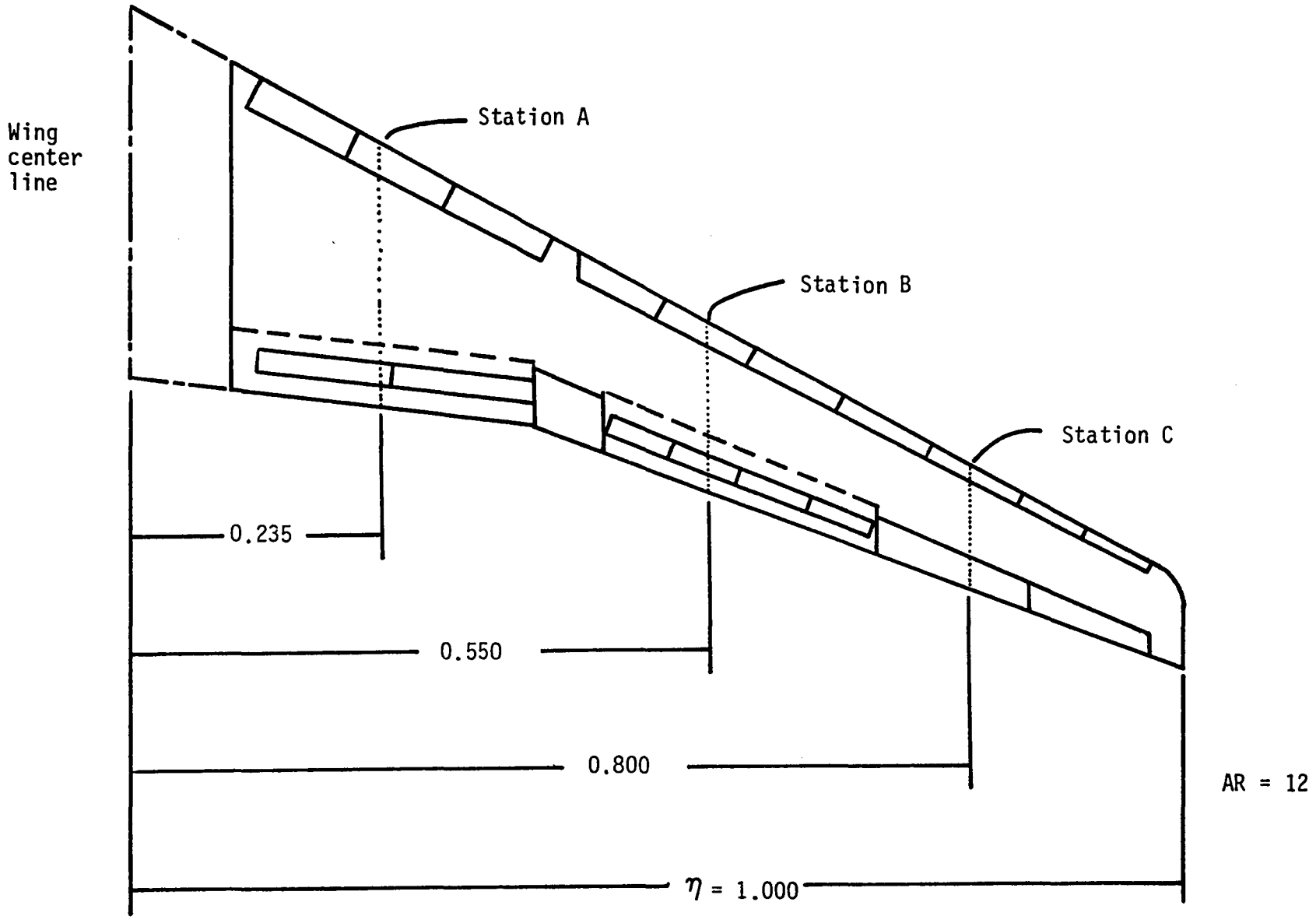


Figure 3. Spanwise surface pressure tap stations.

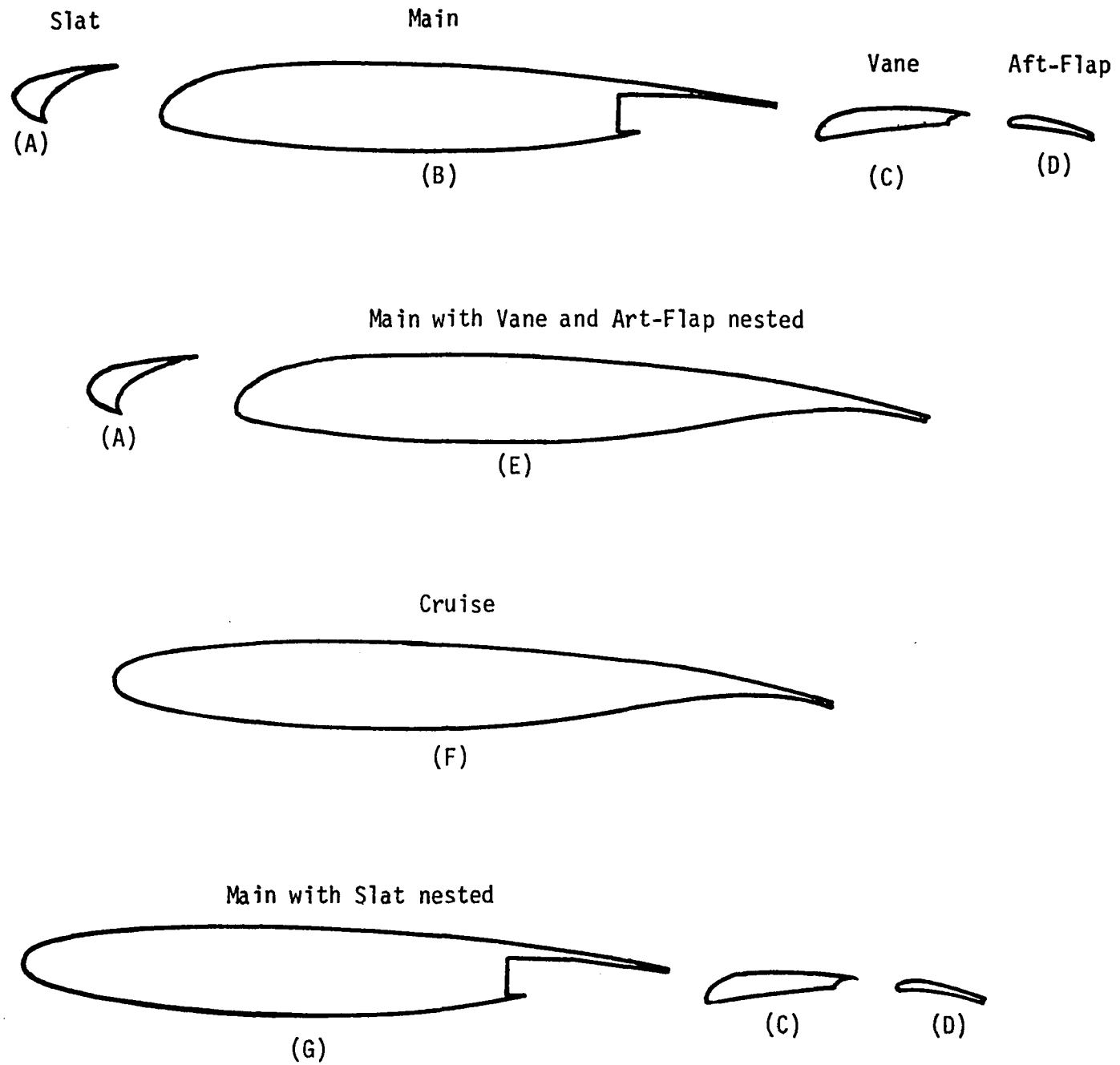
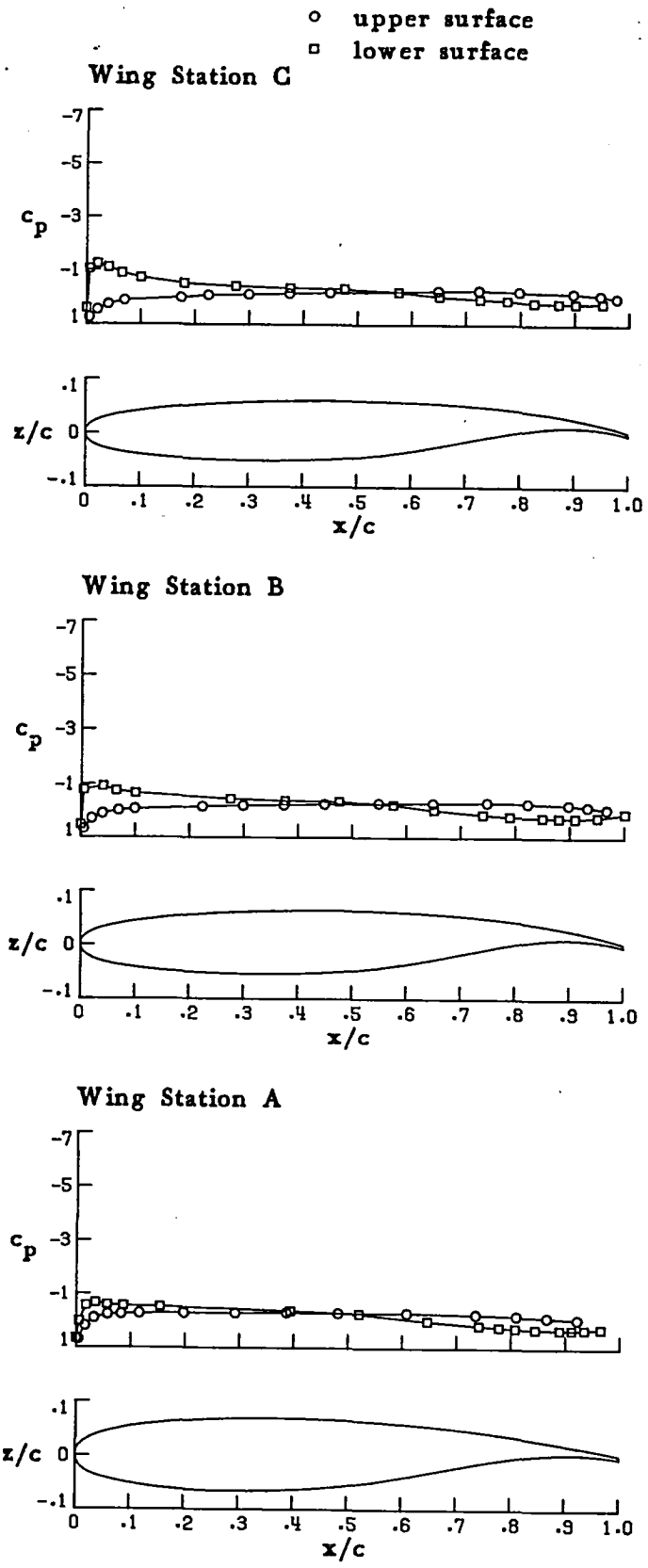


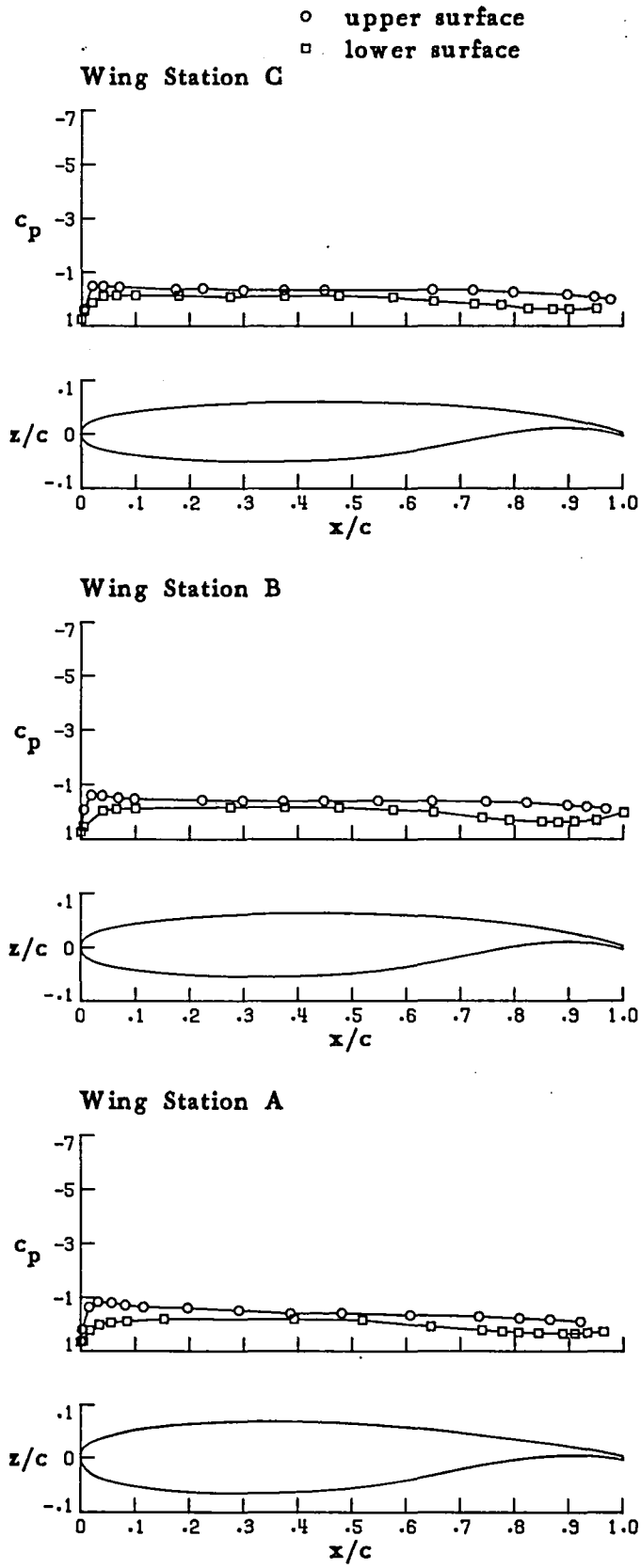
Figure 4. - Component combinations and labels.



(a) α = -3.97

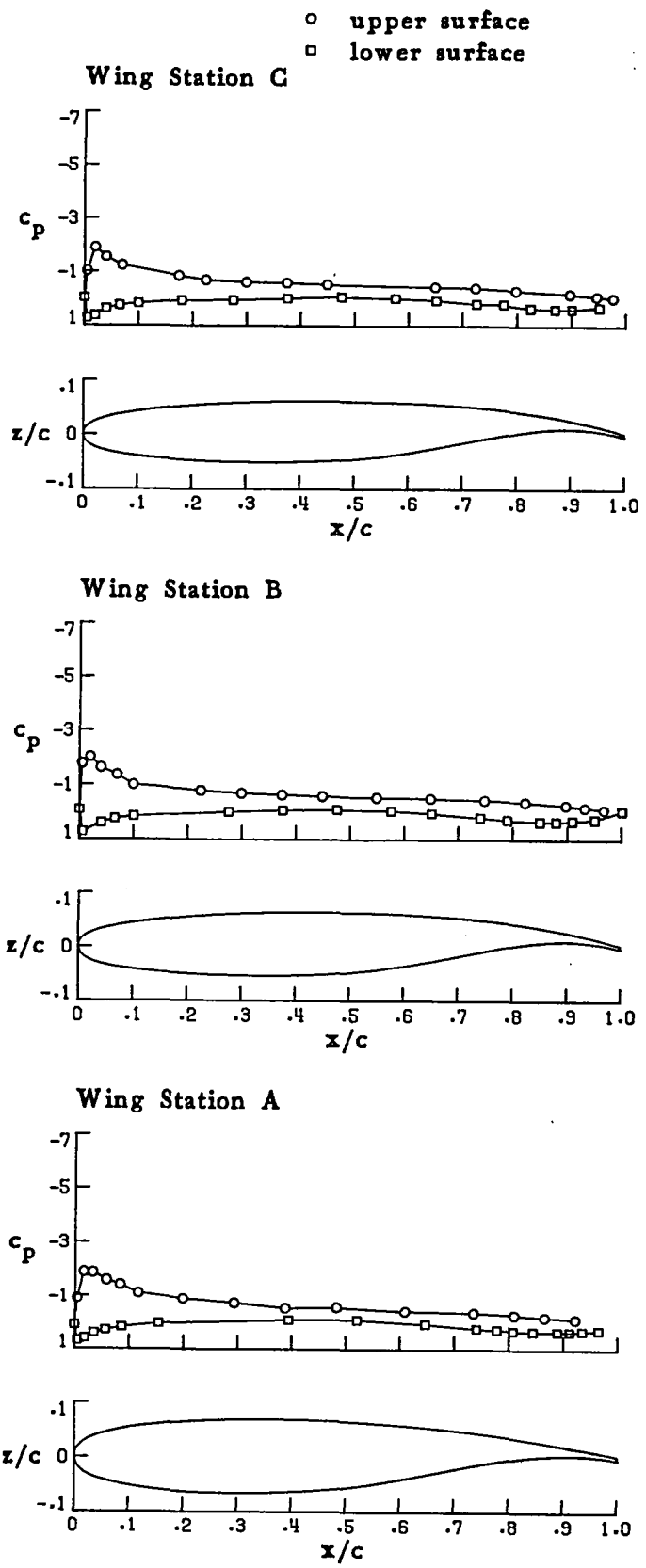
FIGURE 5. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 2.

TEST = 498 RUN = 2 POINT = 20



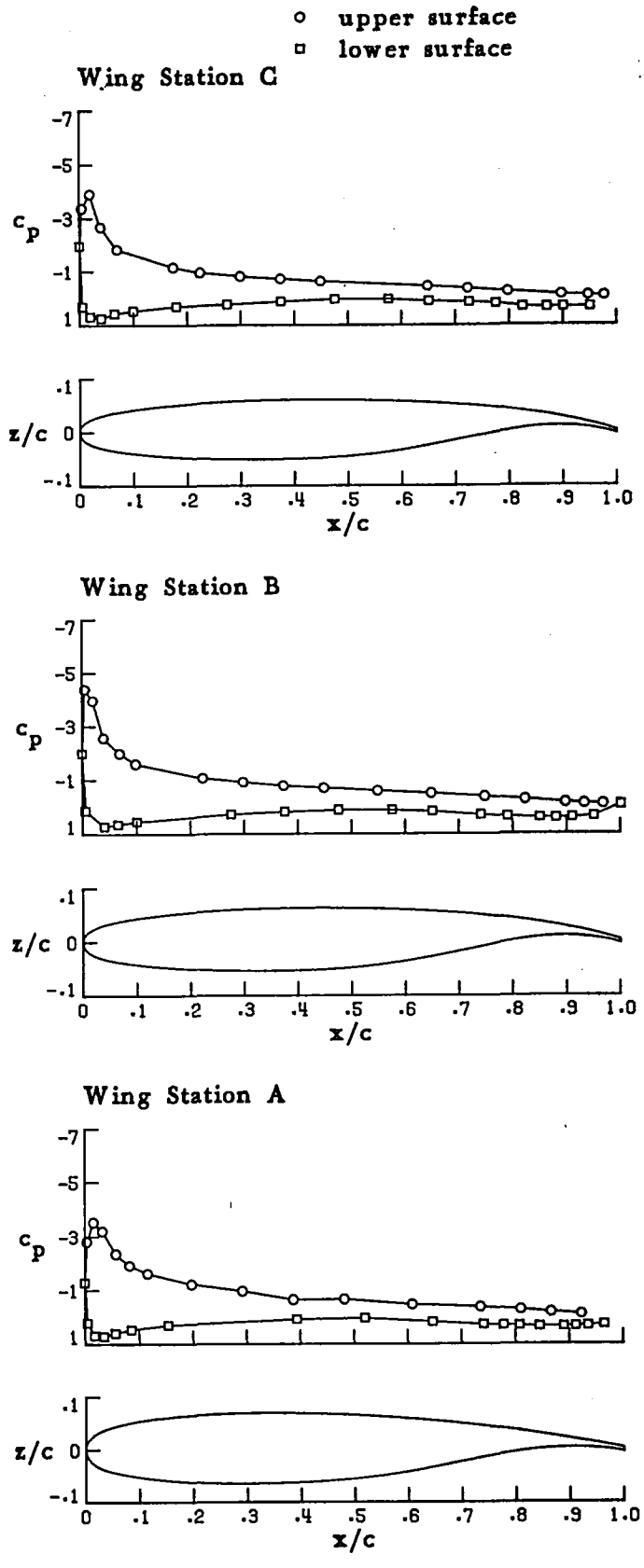
(b) α = .18

FIGURE 5 . CONTINUED.



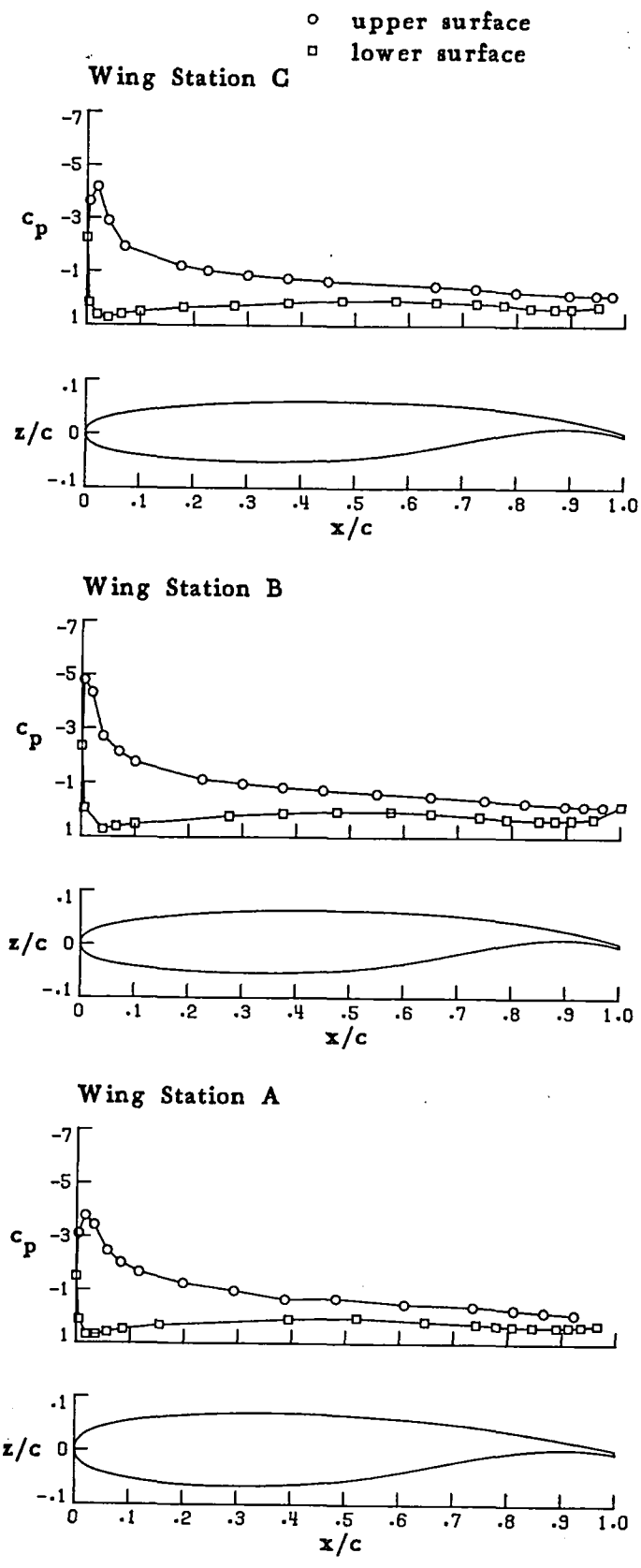
(c) α = 4.27

FIGURE 5. CONTINUED.



(d) α = 9.00

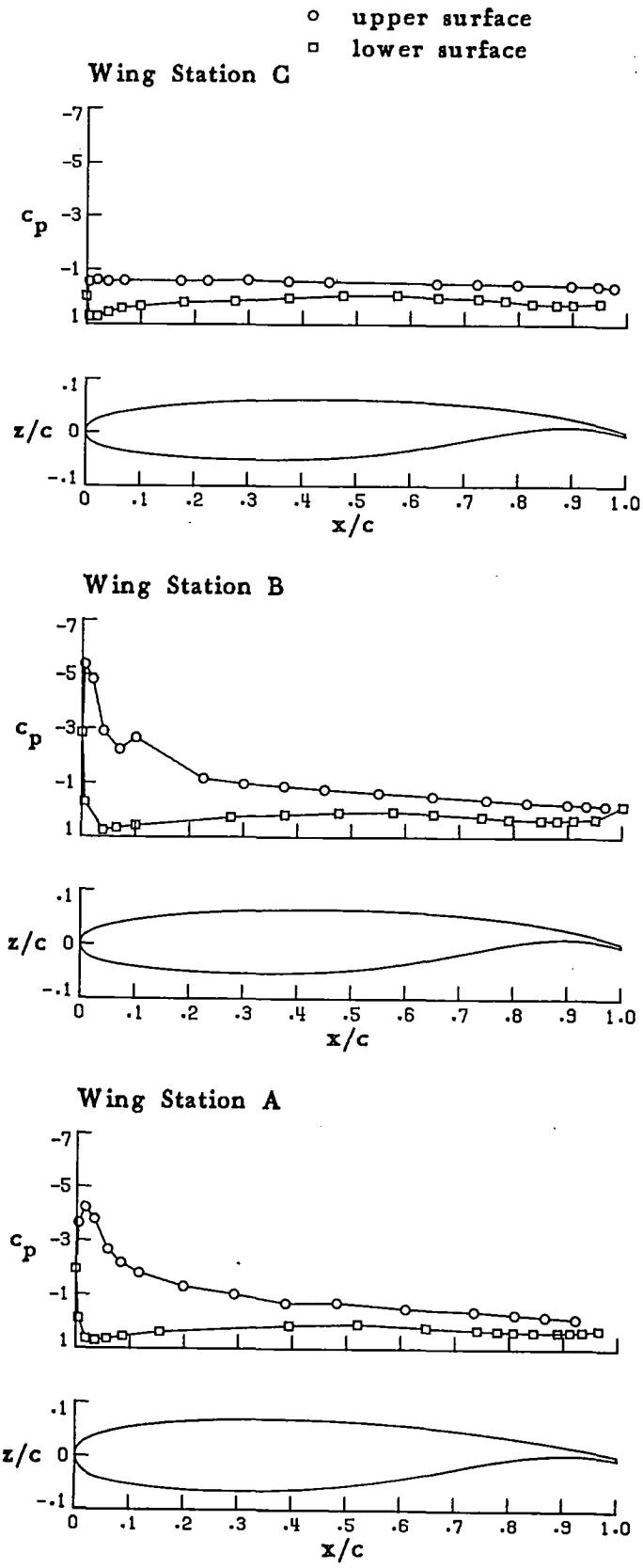
FIGURE 5 . CONTINUED.



(e) α = 9.62

FIGURE 5 . CONTINUED.

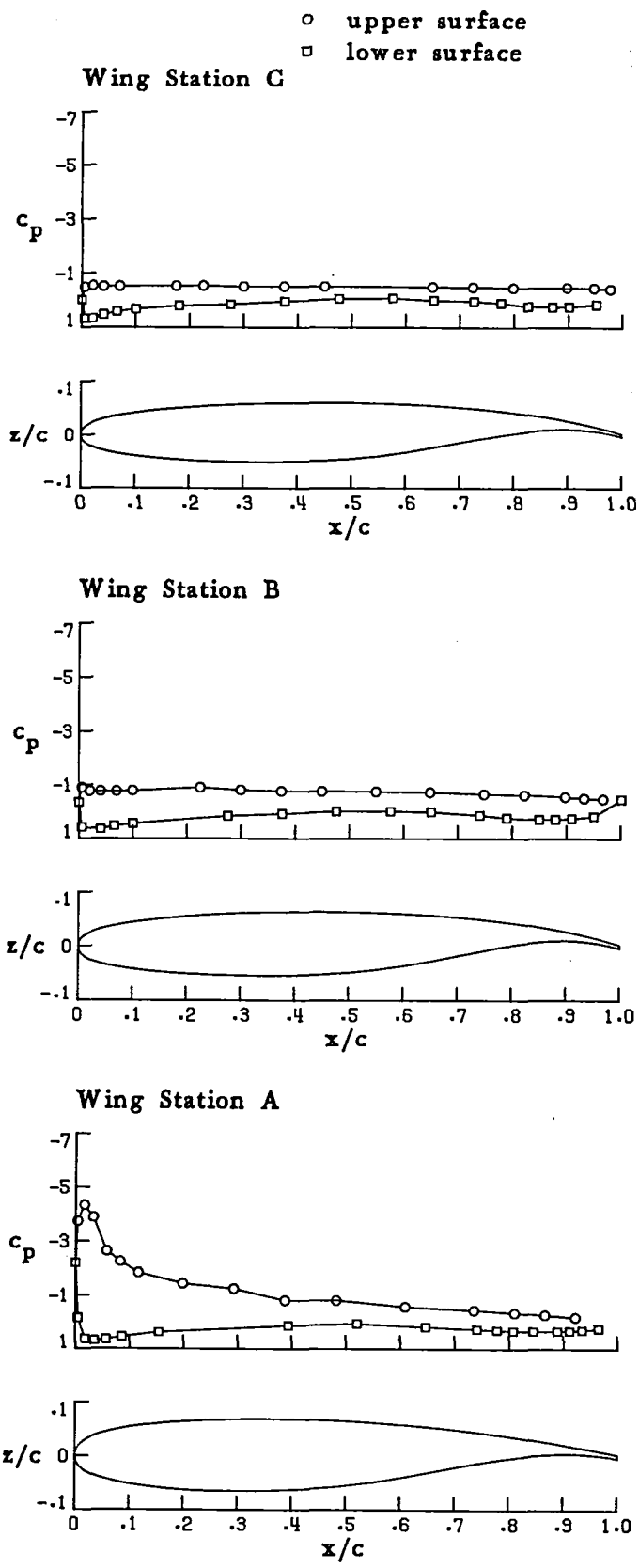
TEST = 496 RUN = 2 POINT = 27



(f) α = 10.75

FIGURE 5 . CONTINUED.

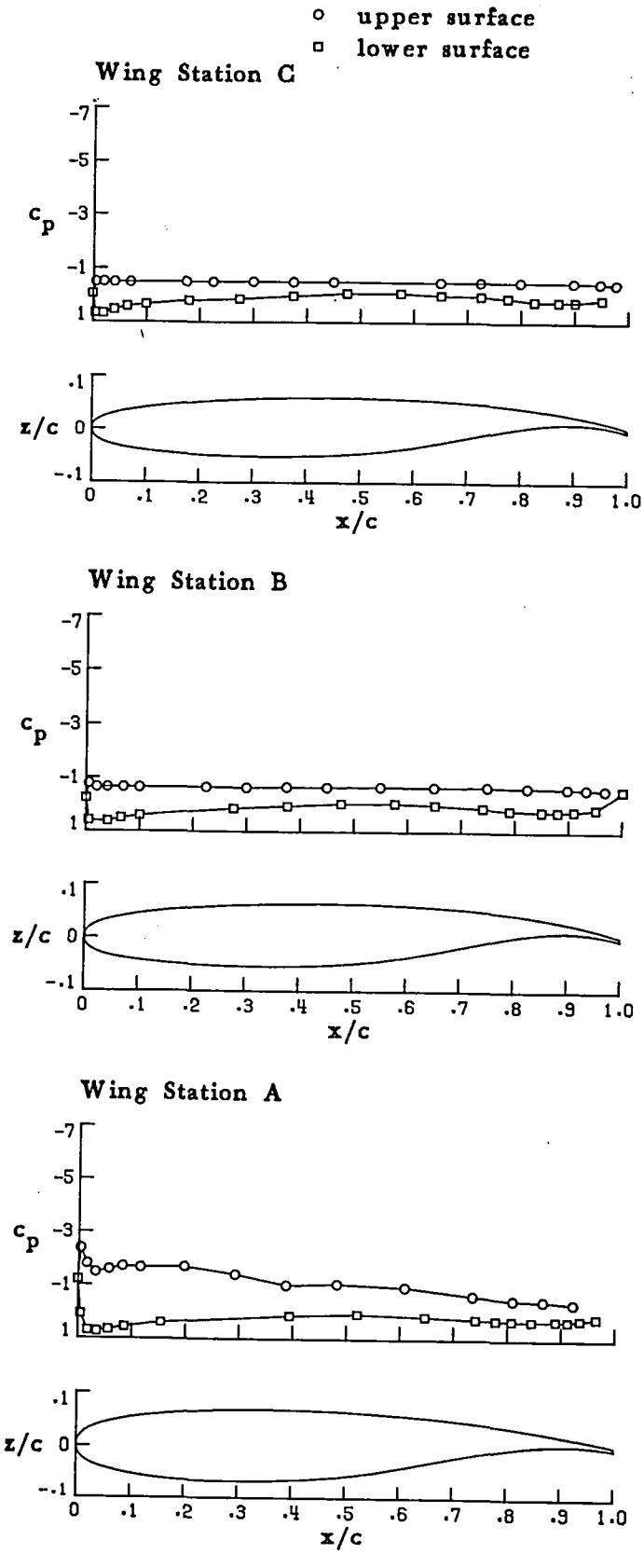
TEST = 496 RUN = 2 POINT = 28



(g) α = 11.87

FIGURE 5 . CONTINUED.

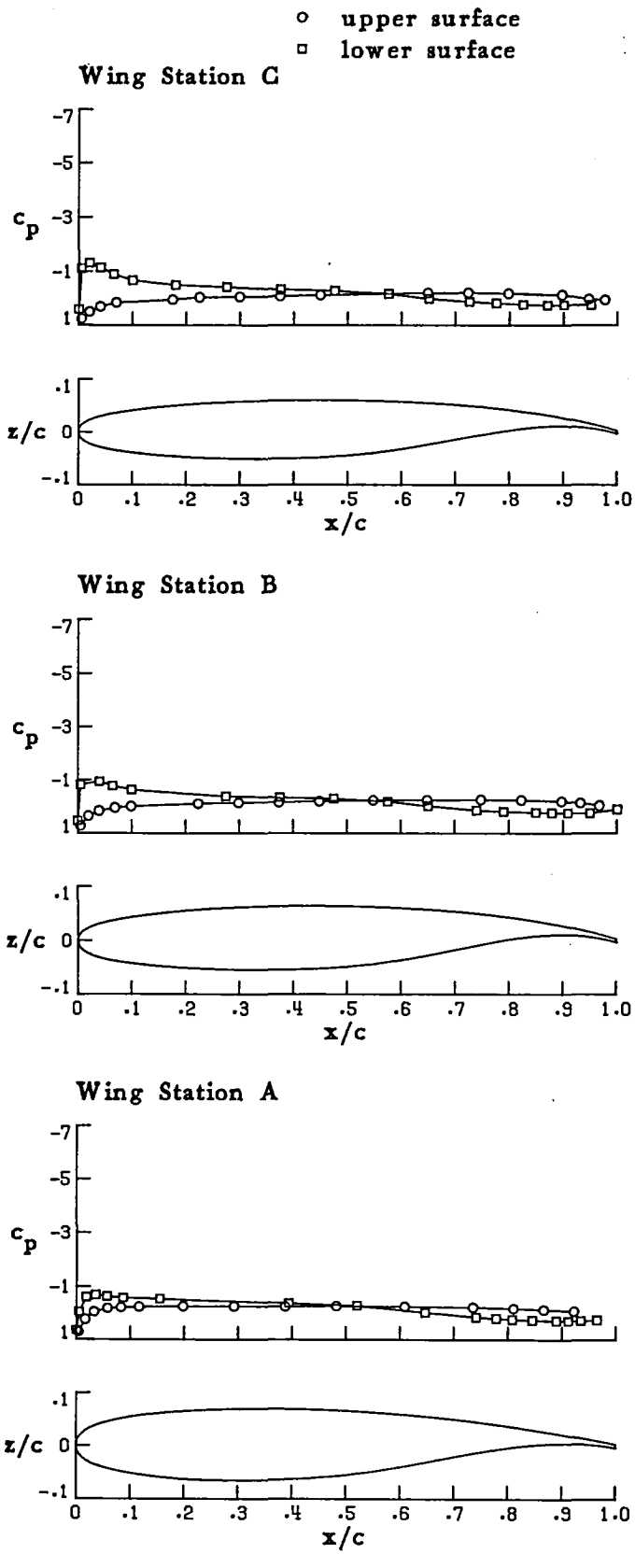
TEST = 496 RUN = 2 POINT = 29



(h) α = 12.87

FIGURE 5. CONCLUDED.

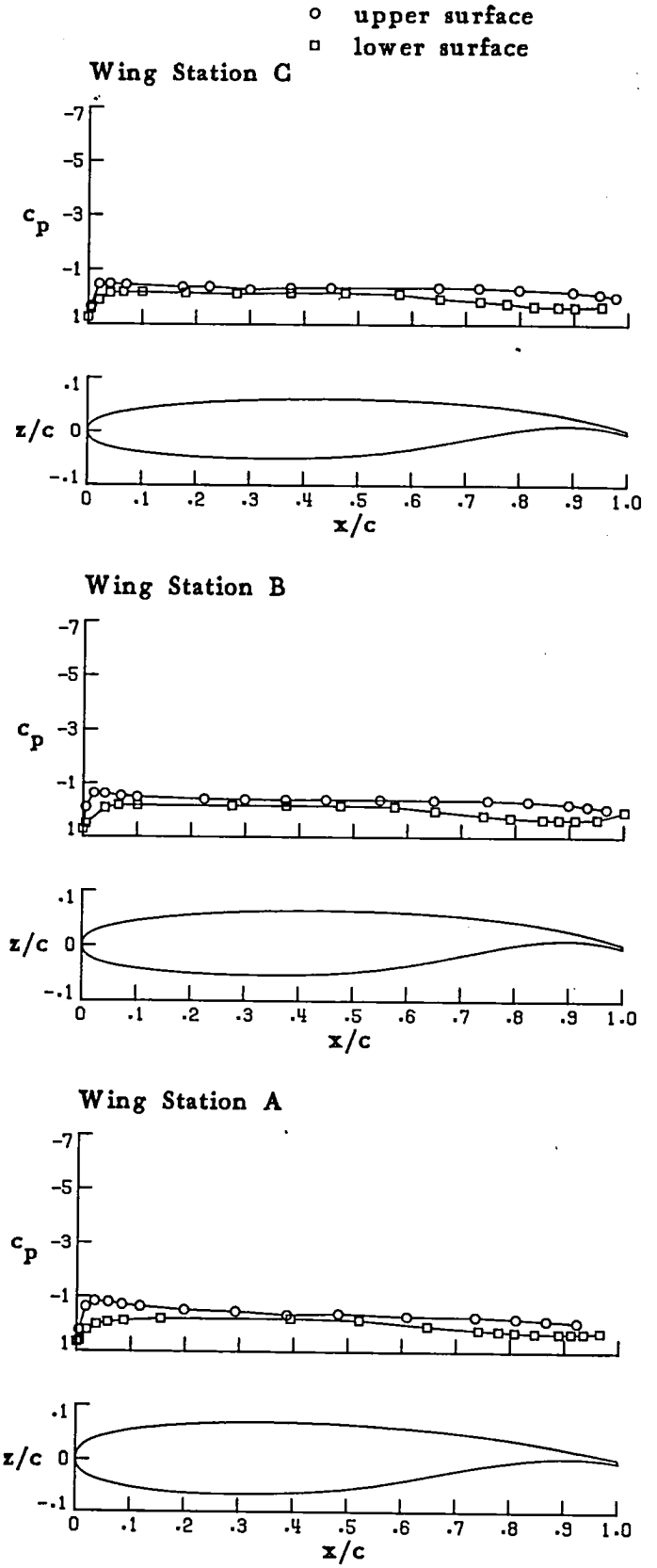
TEST = 498 RUN = 2 POINT = 30



(a) α = -4.02

FIGURE 6 . PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 5 .

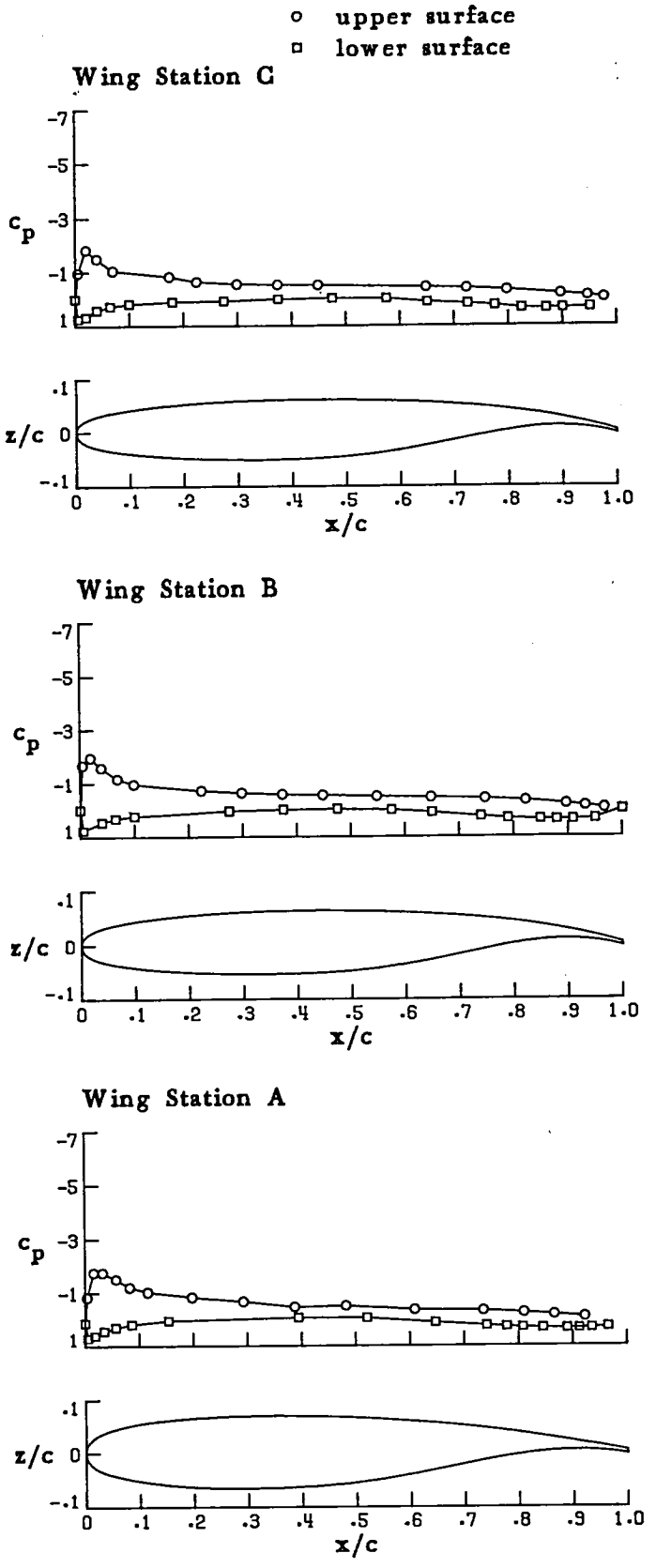
TEST = 498 RUN = 5 POINT = 2



(b) α = .27

FIGURE 6 . CONTINUED.

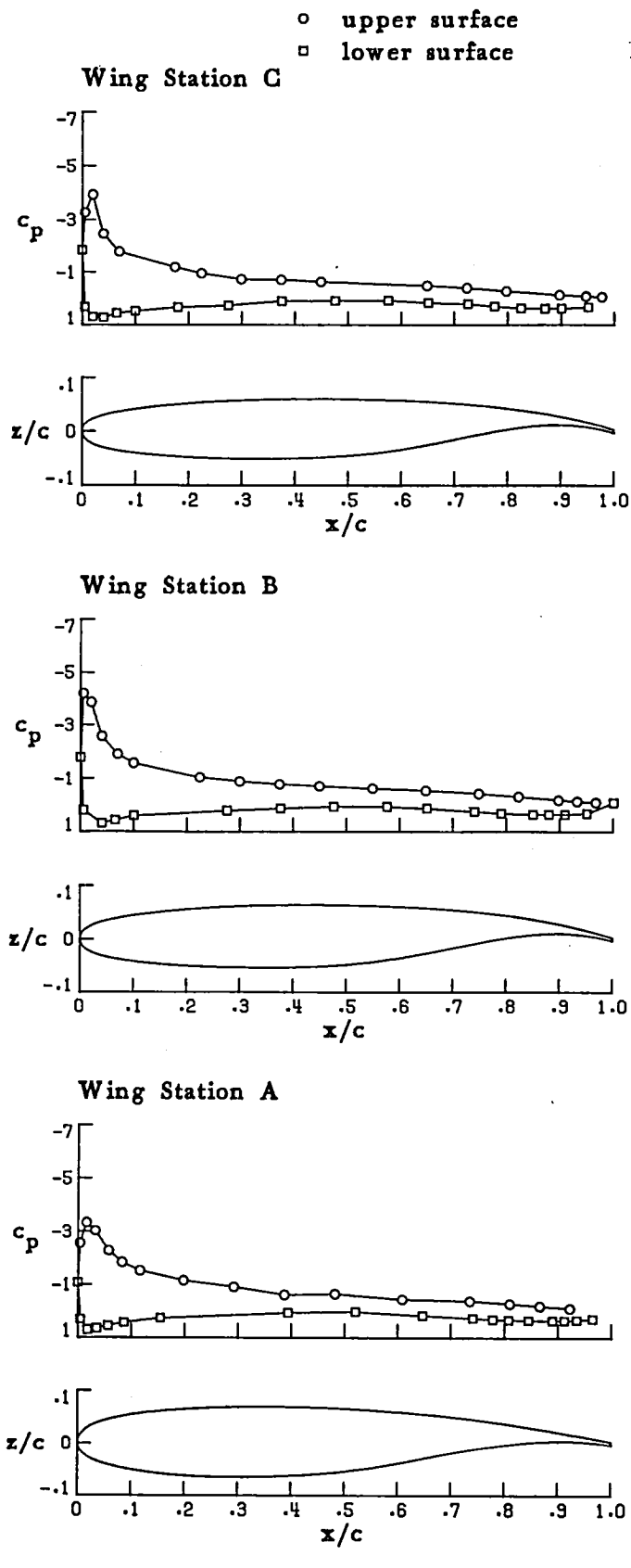
TEST = 498 RUN = 5 POINT = 4



(c) α = 4.35

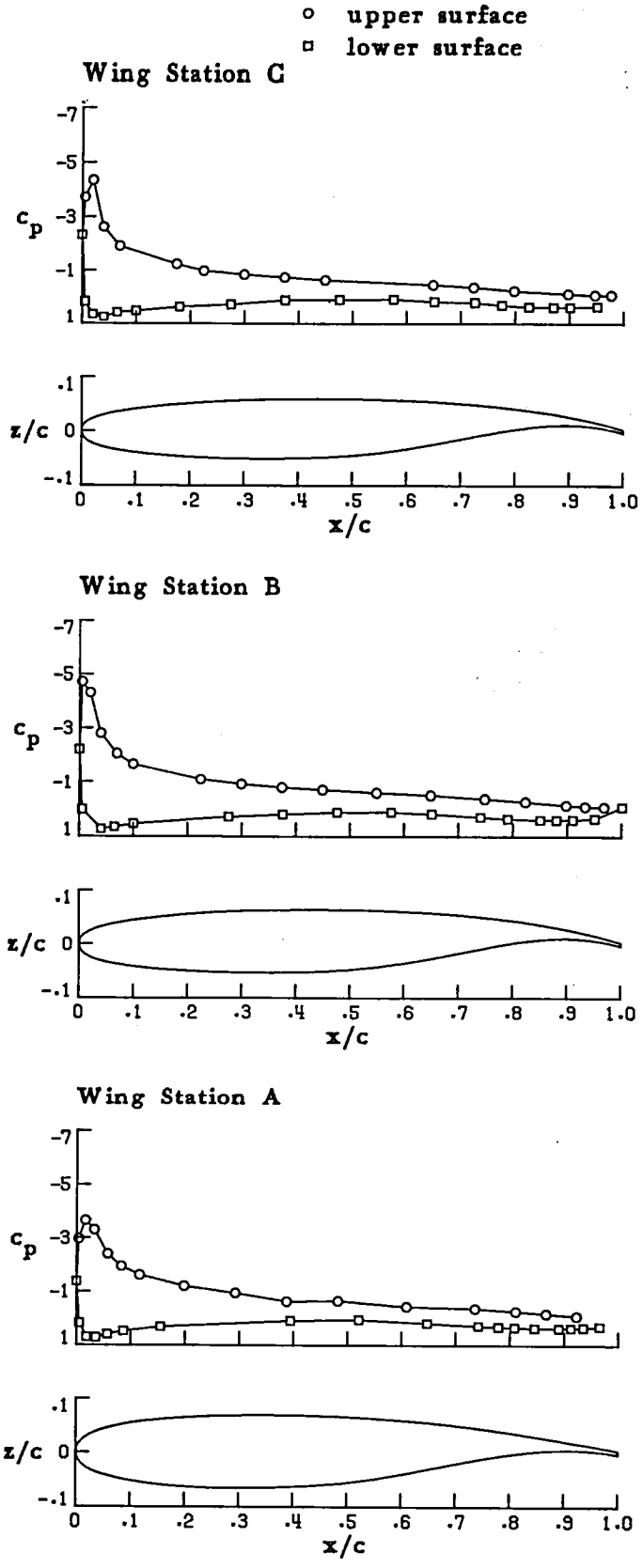
FIGURE 6 . CONTINUED.

TEST = 498 RUN = 5 POINT = 6



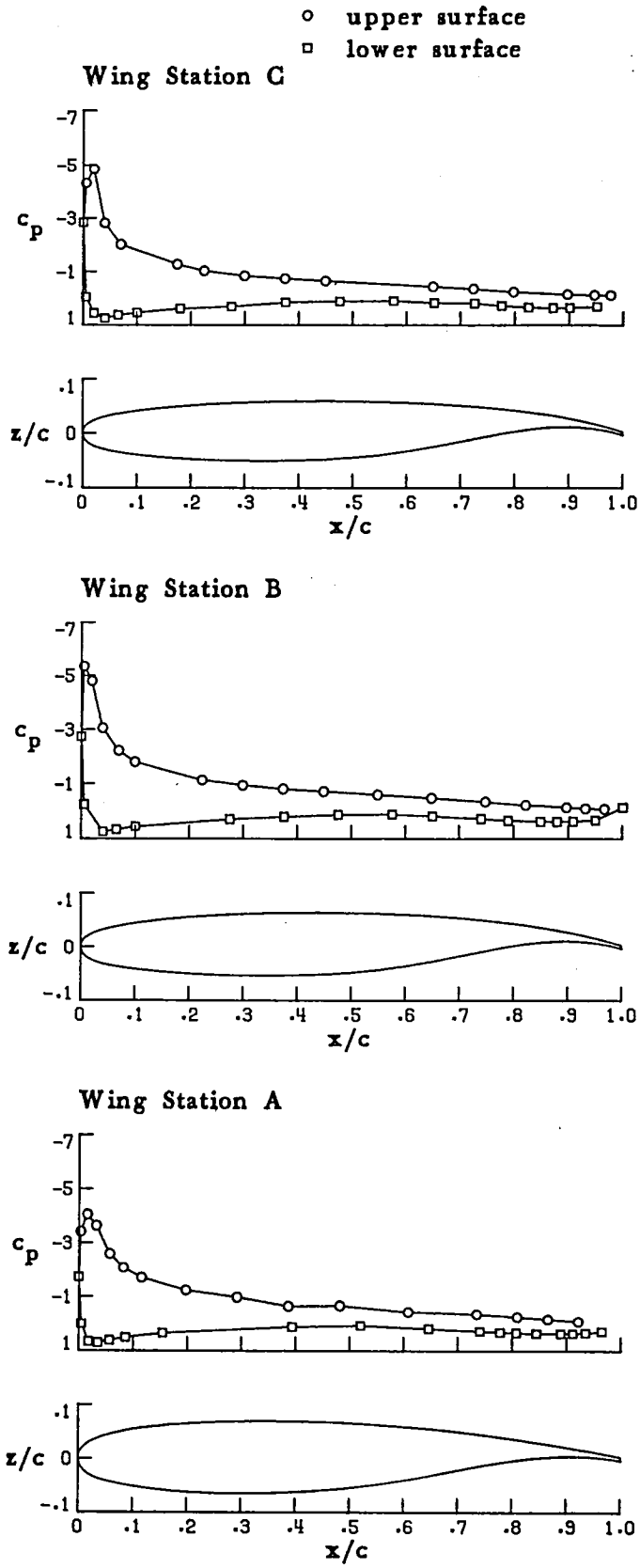
(d) α = 8.61

FIGURE 6 . CONTINUED.



(e) α = 9.45

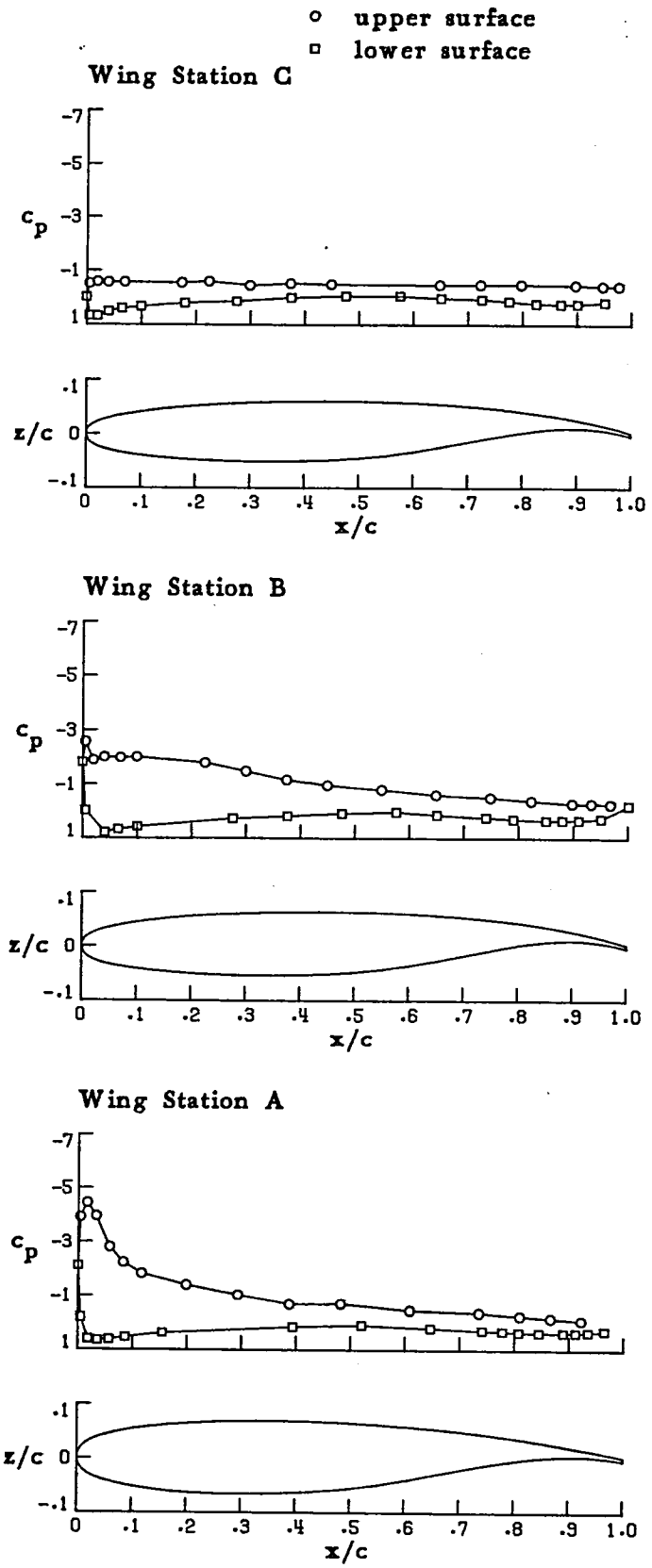
FIGURE 6 . CONTINUED.



(f) α = 10.40

FIGURE 6 . CONTINUED.

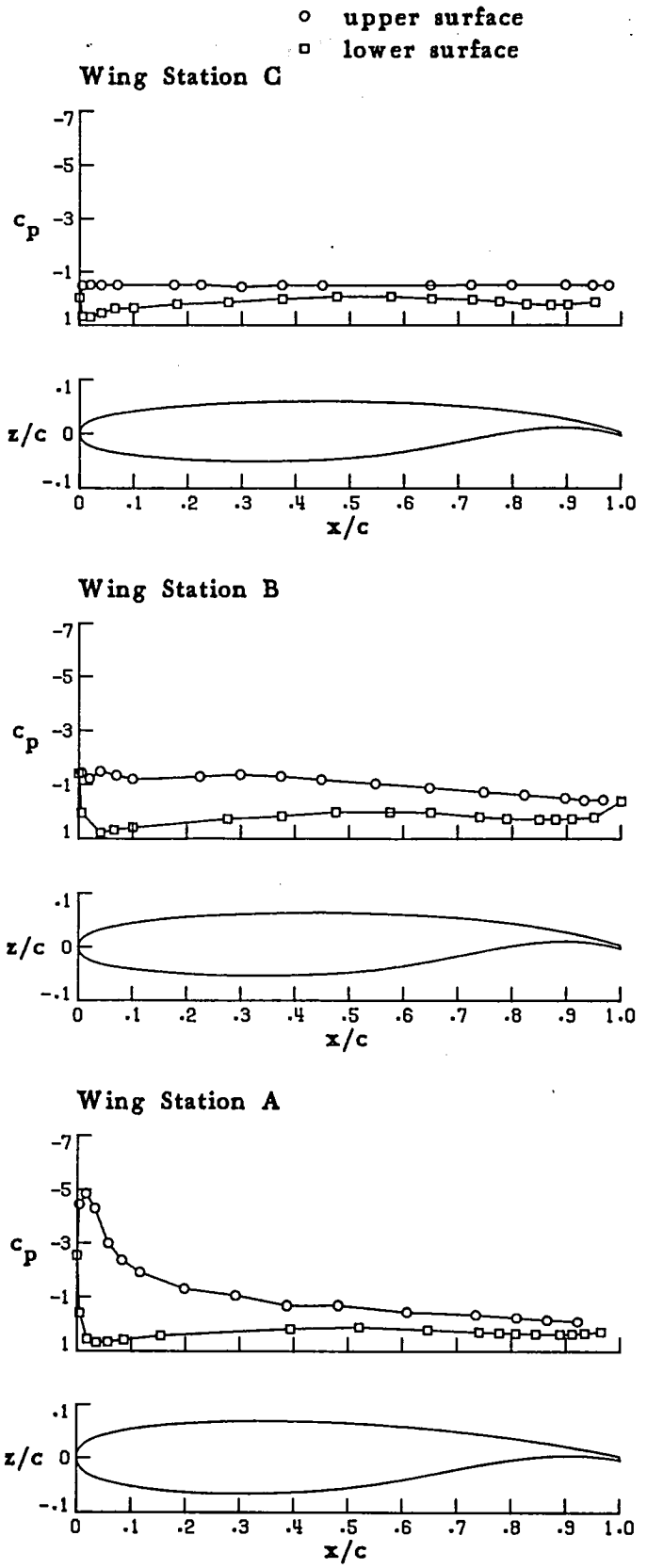
TEST = 498 RUN = 5 POINT = 10



(g) α = 11.59

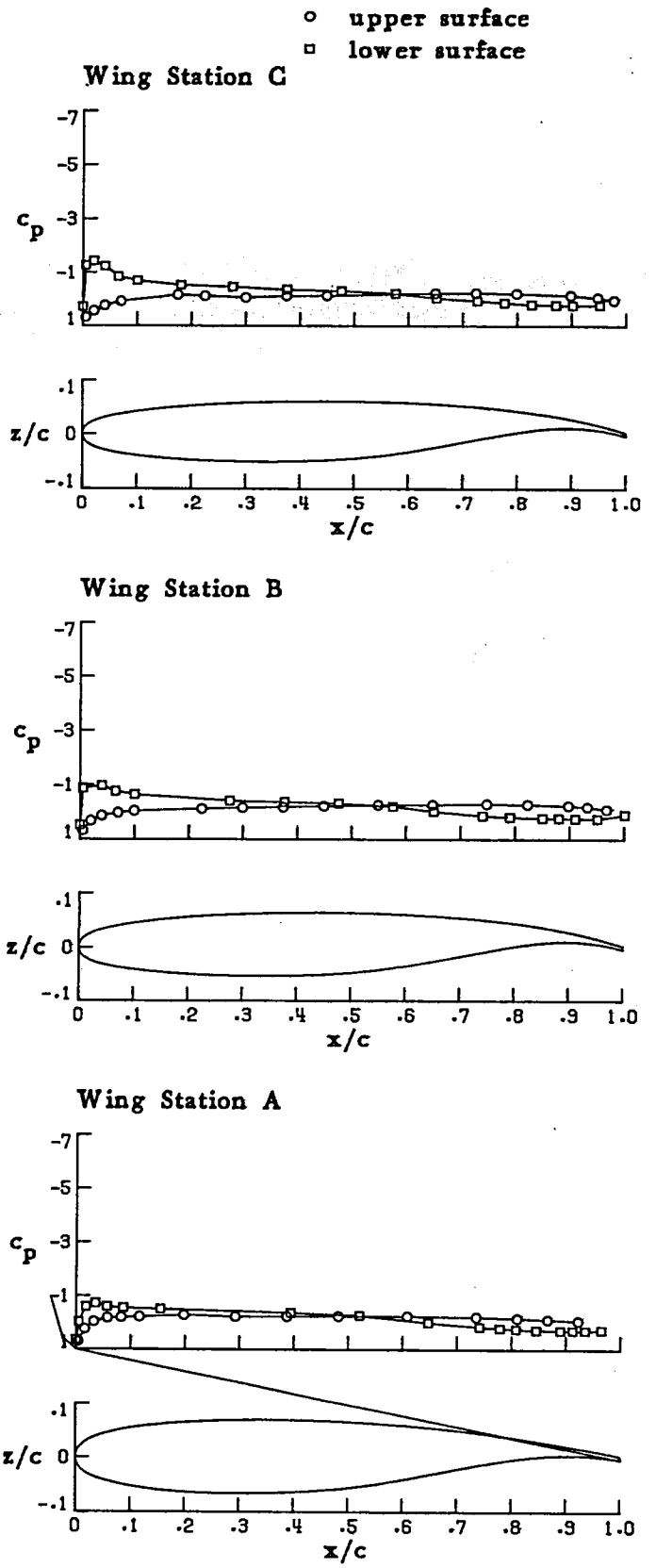
FIGURE 6 . CONTINUED.

TEST = %98 RUN = 5 POINT = 11



(h) α = 12.64

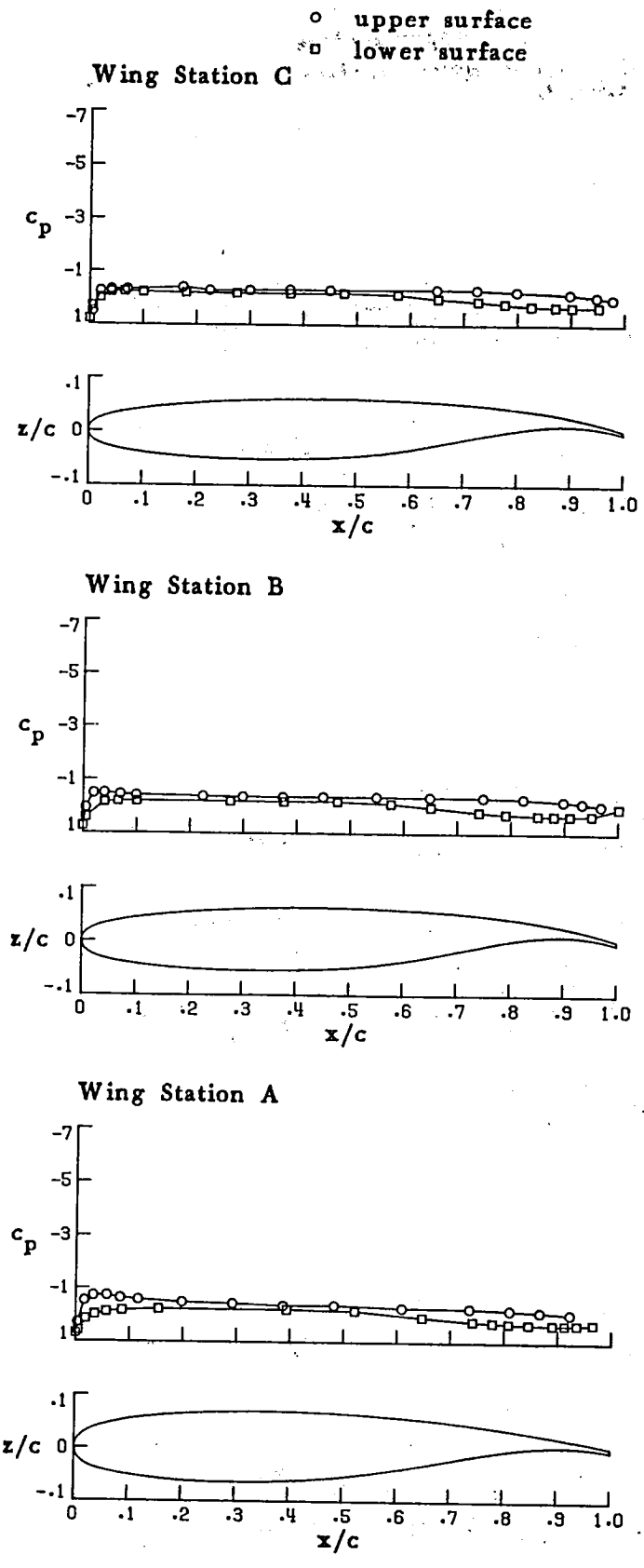
FIGURE 6 . CONCLUDED.



(a) α = -4.09

FIGURE 8 . PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 3.

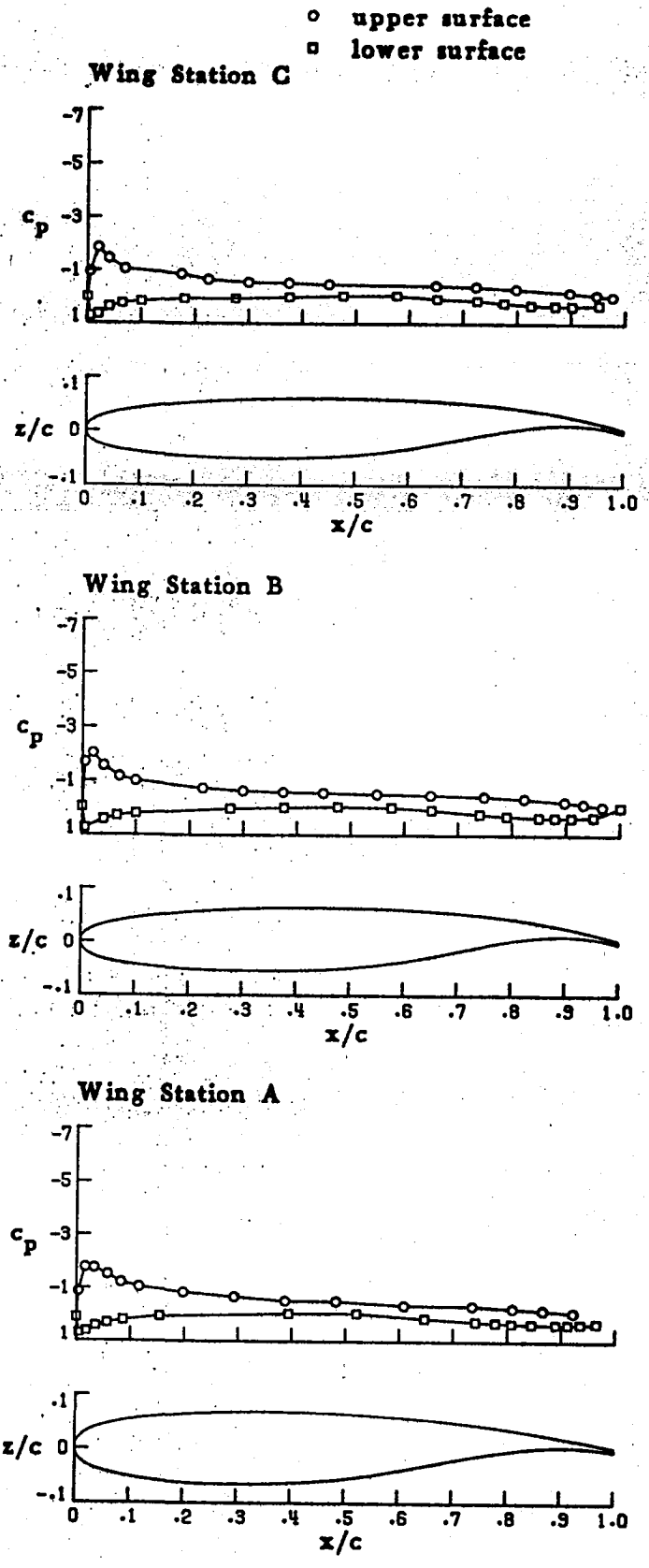
TEST = 498 RUN = 4 POINT = 2



(b) α = -.21

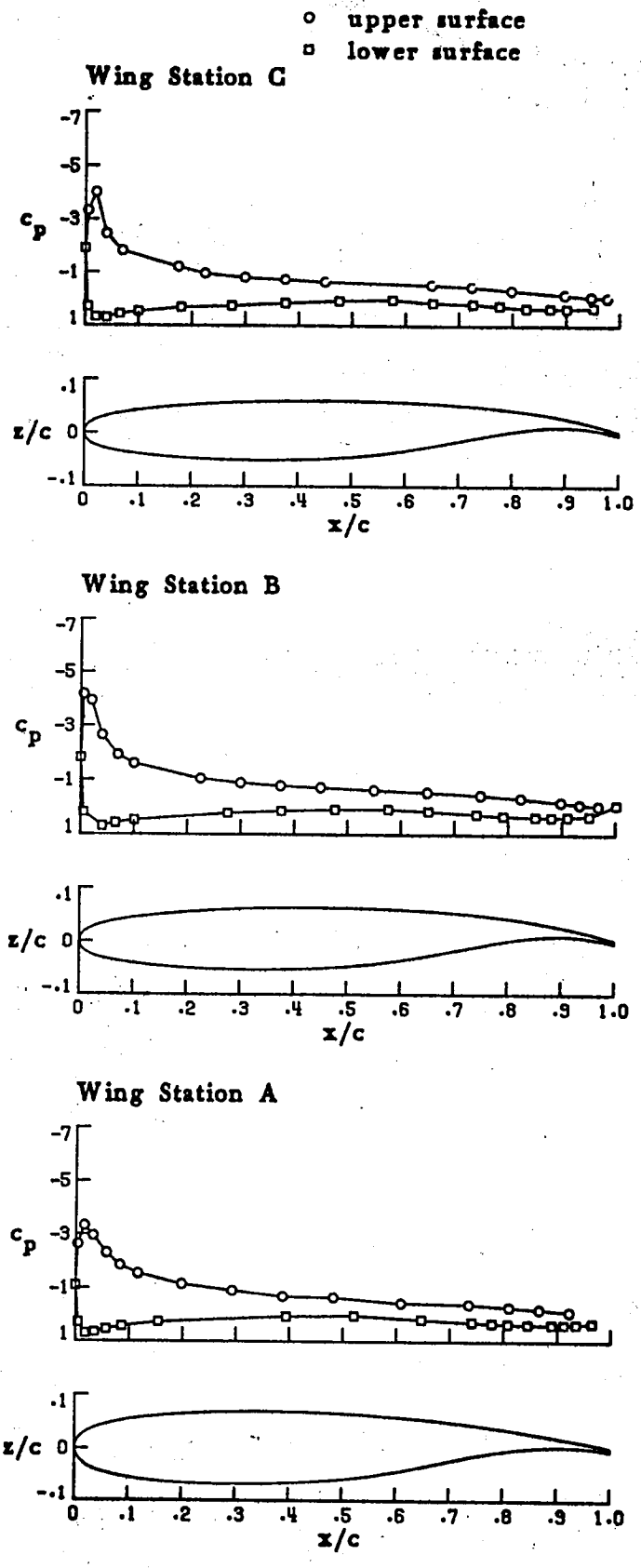
FIGURE 7 . CONTINUED.

TEST = 456 RUN = 4 POINT = 4



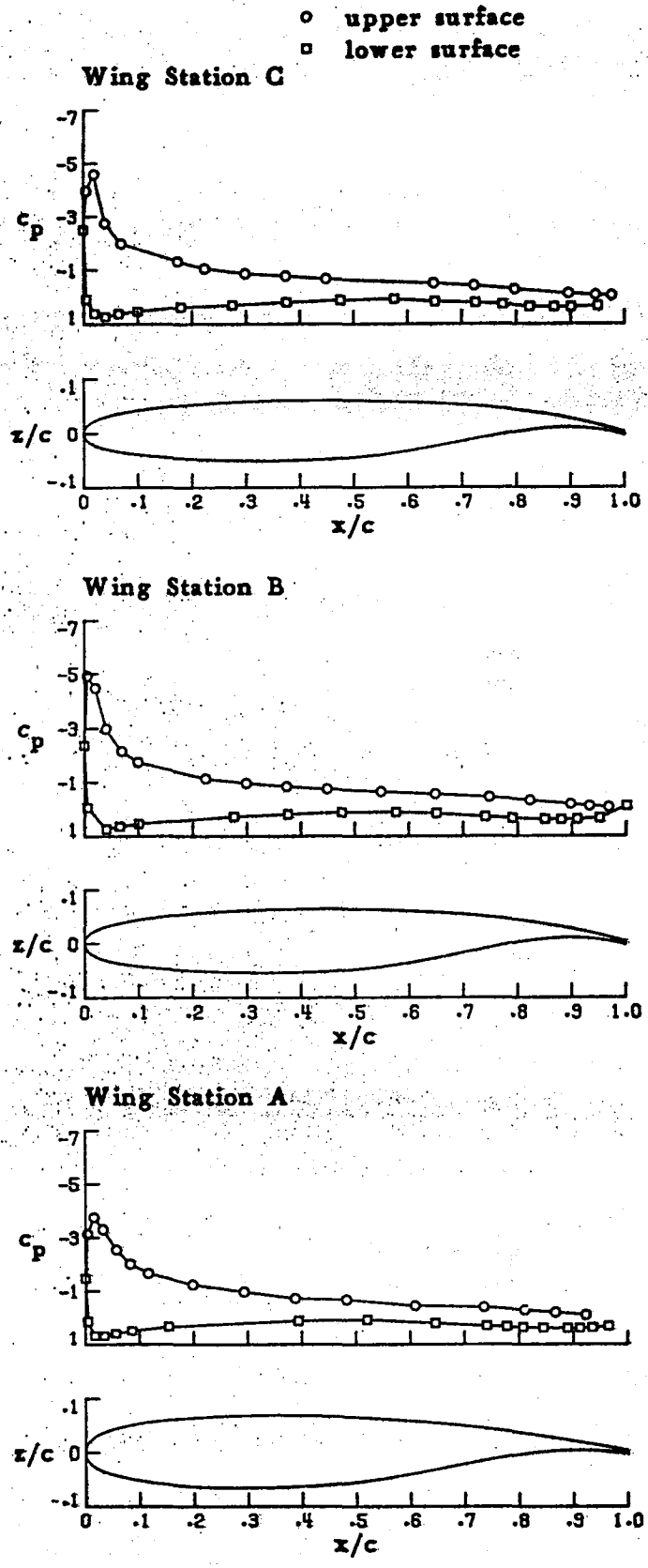
(c) α = 4.27

FIGURE 7 . CONTINUED.



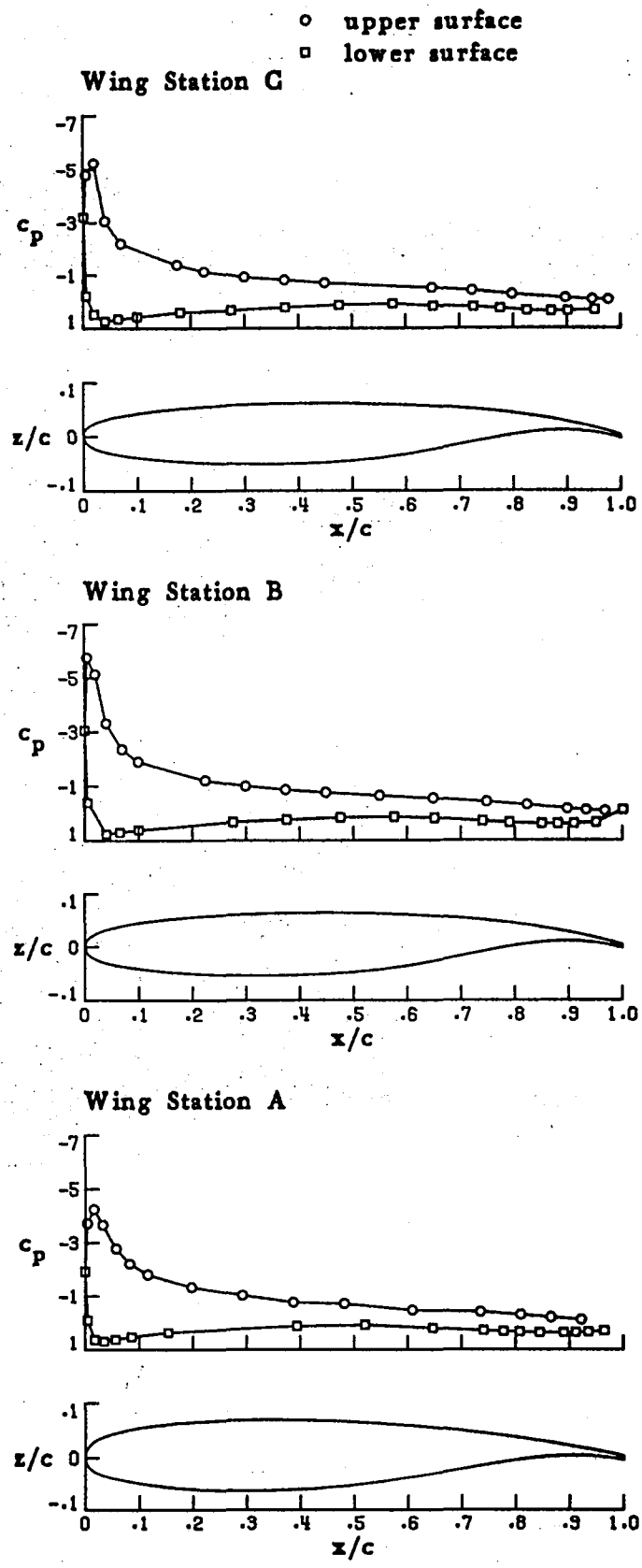
(d) α = 8.52

FIGURE 7 . CONTINUED.



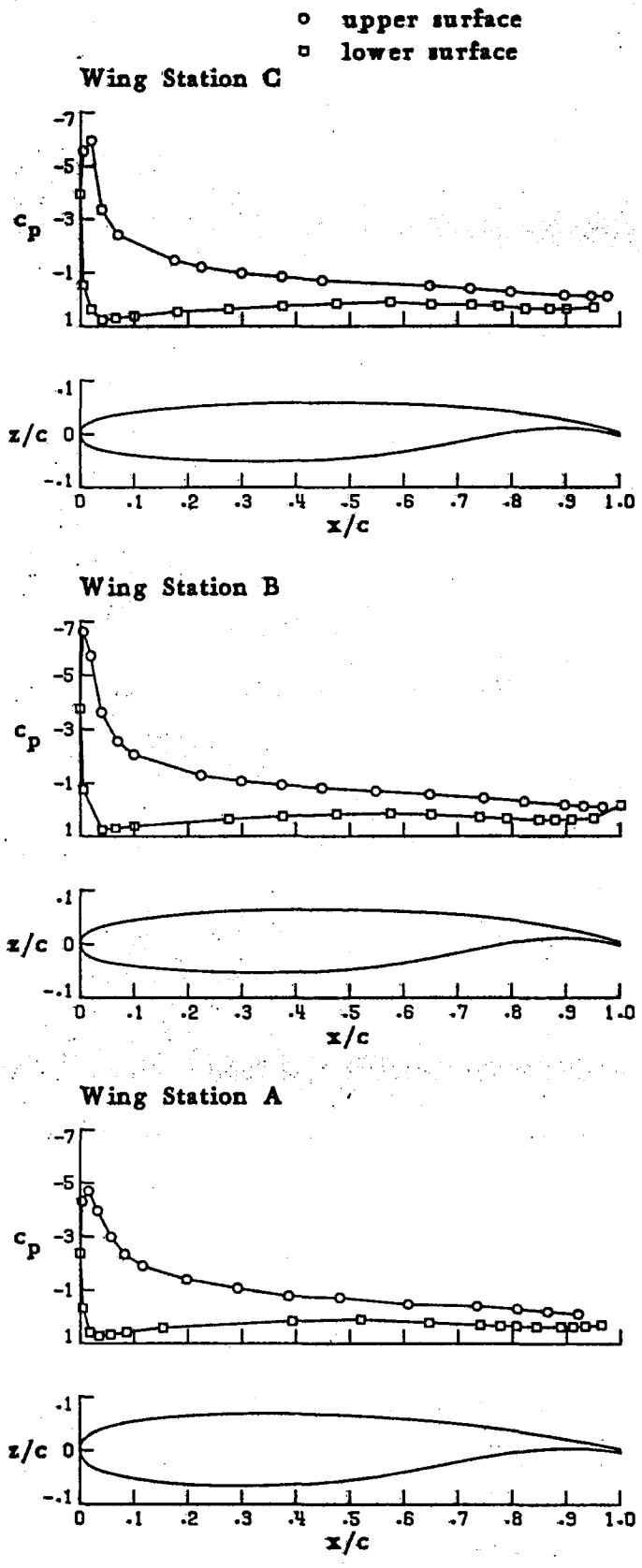
(e) α = 9.49

FIGURE 7 . CONTINUED.



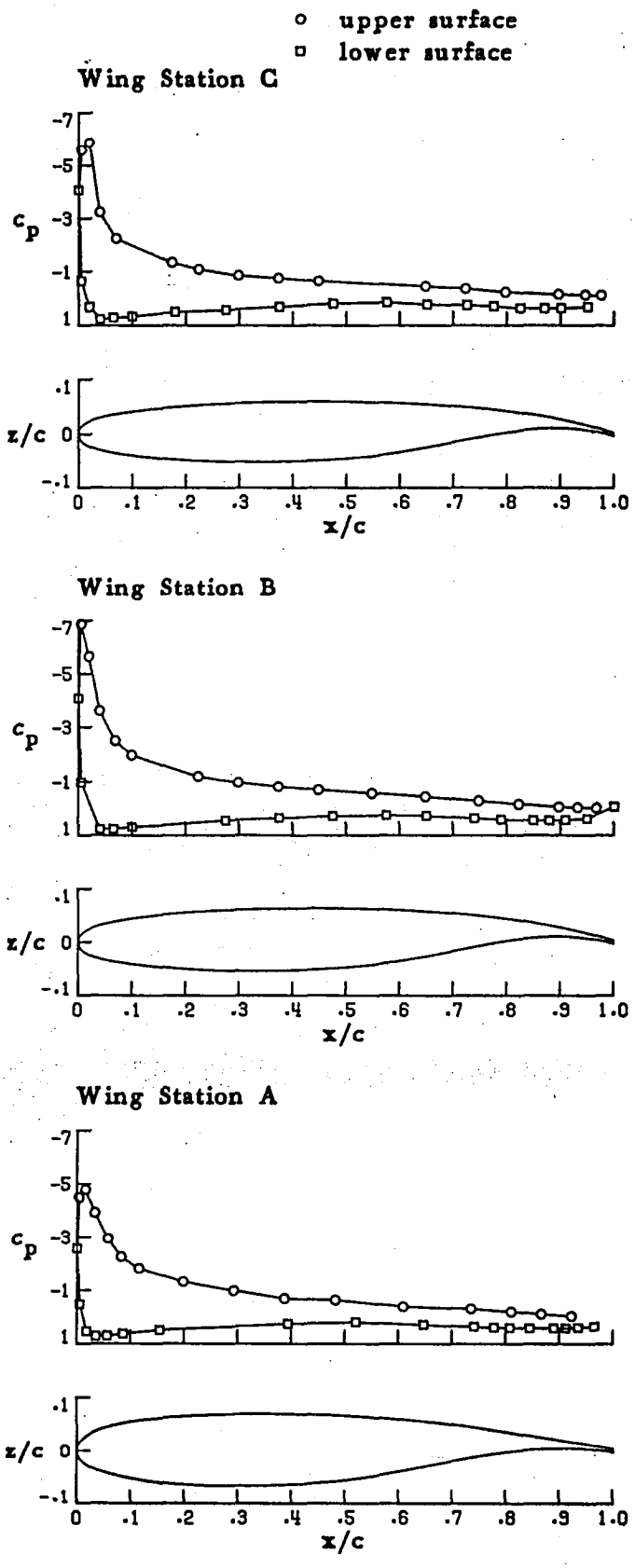
(f) α = 10.57

FIGURE 7 . CONTINUED.



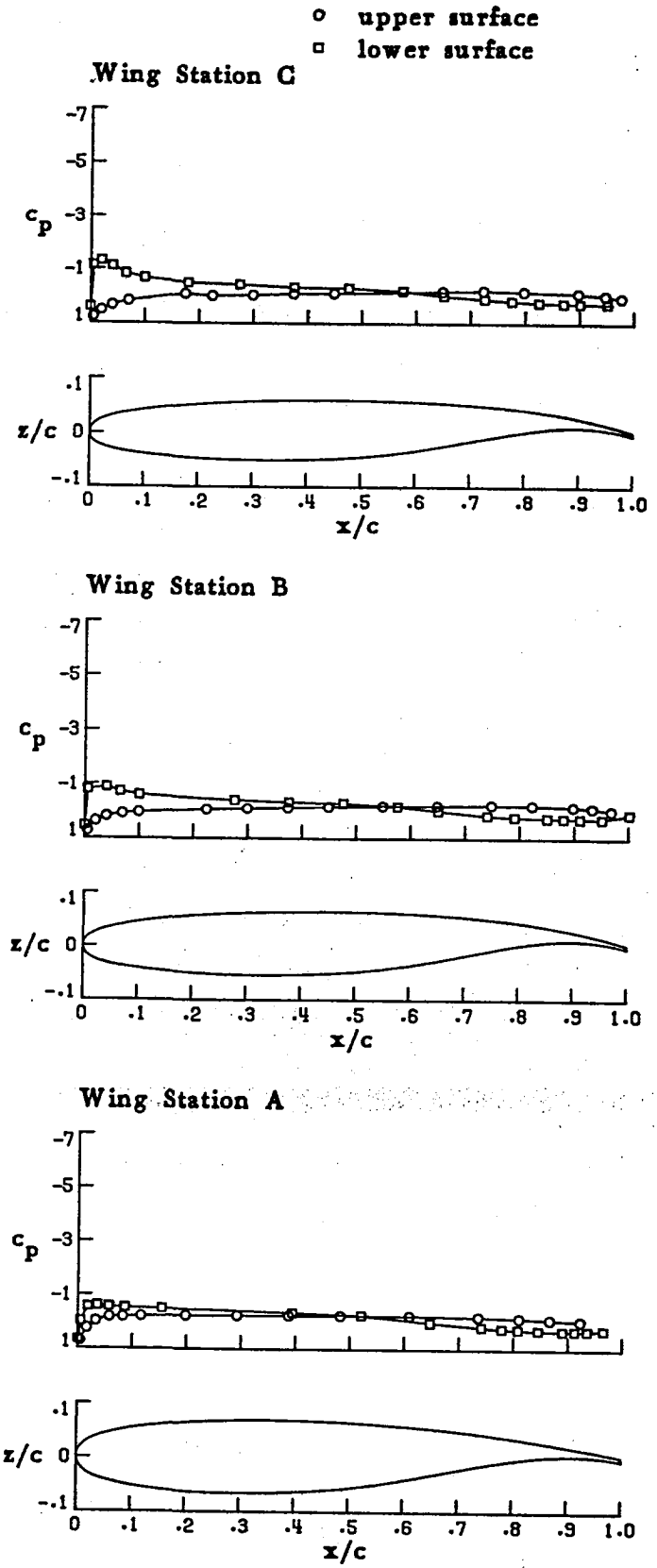
(g) α = 11.69

FIGURE 7 . CONTINUED.



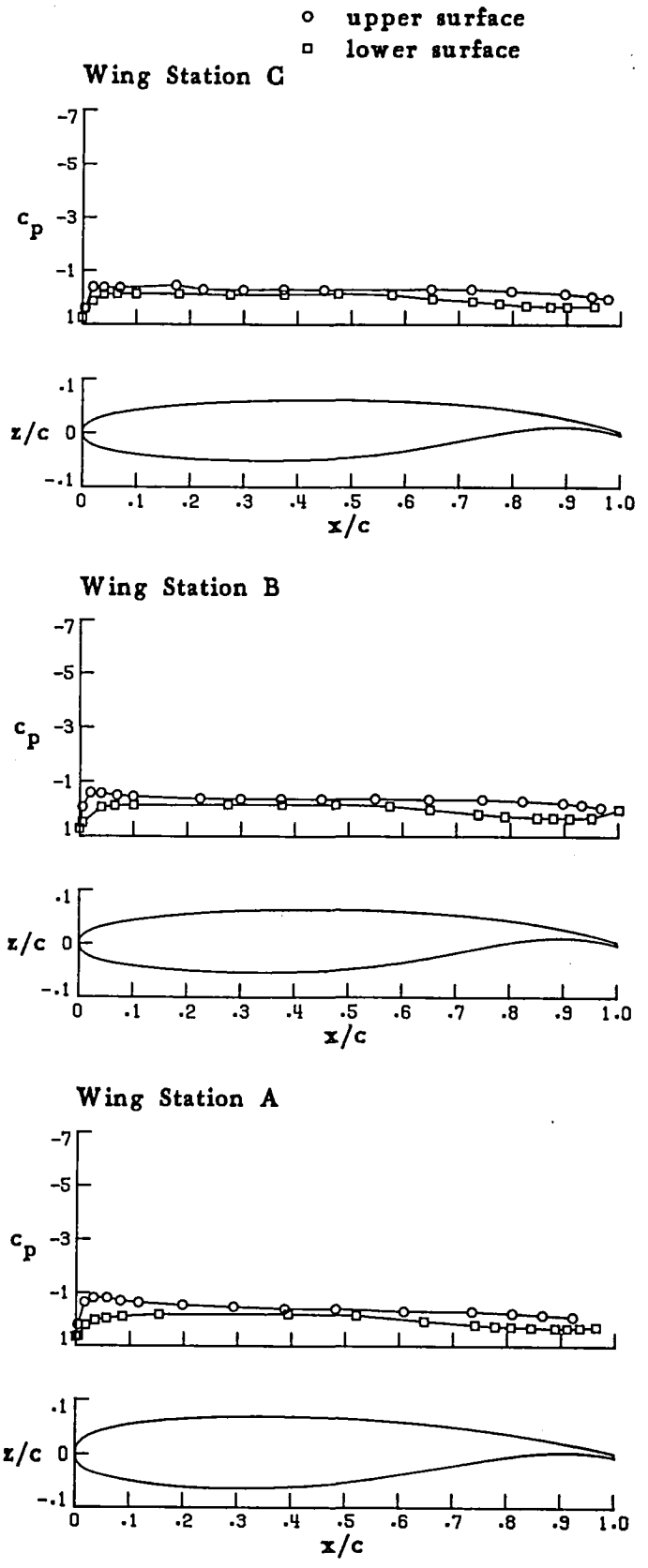
(h) α = 12.65

FIGURE 7. CONCLUDED.



(a) α = -4.09

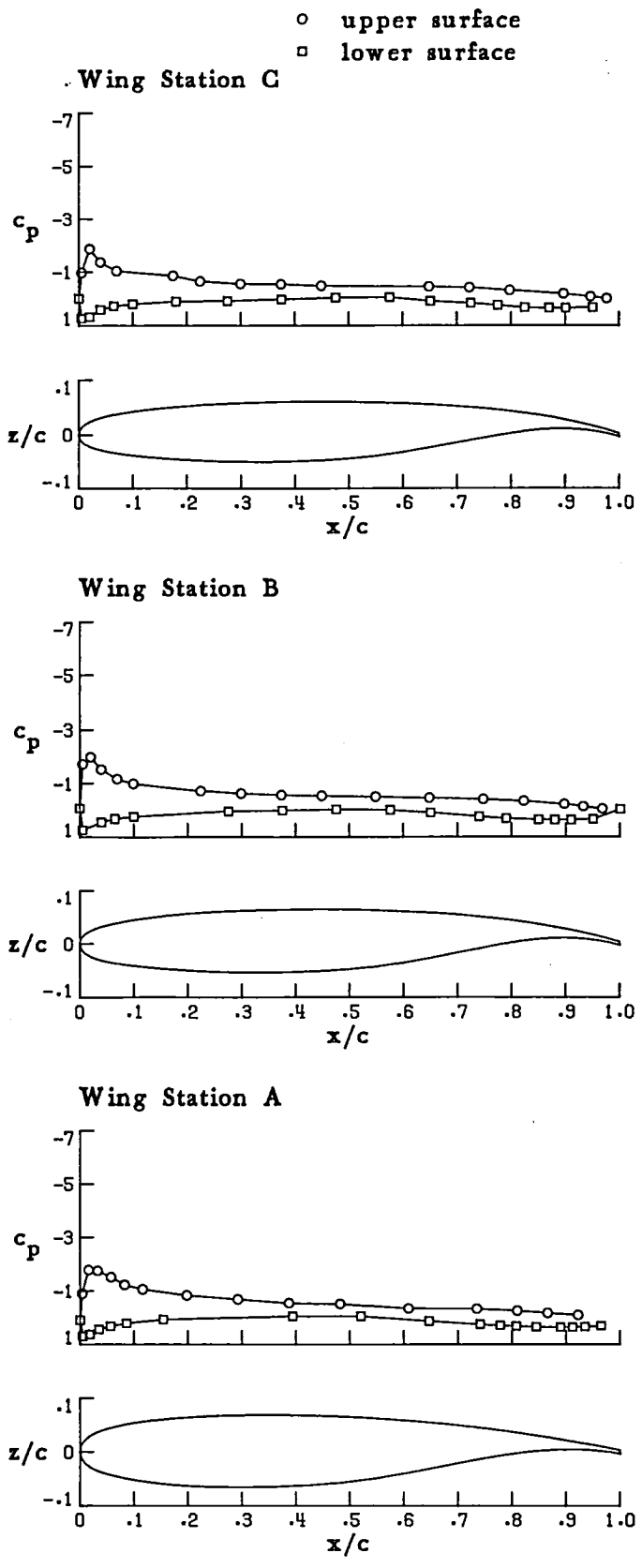
FIGURE 8. - PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 3.



(b) α = .16

FIGURE 8 . CONTINUED.

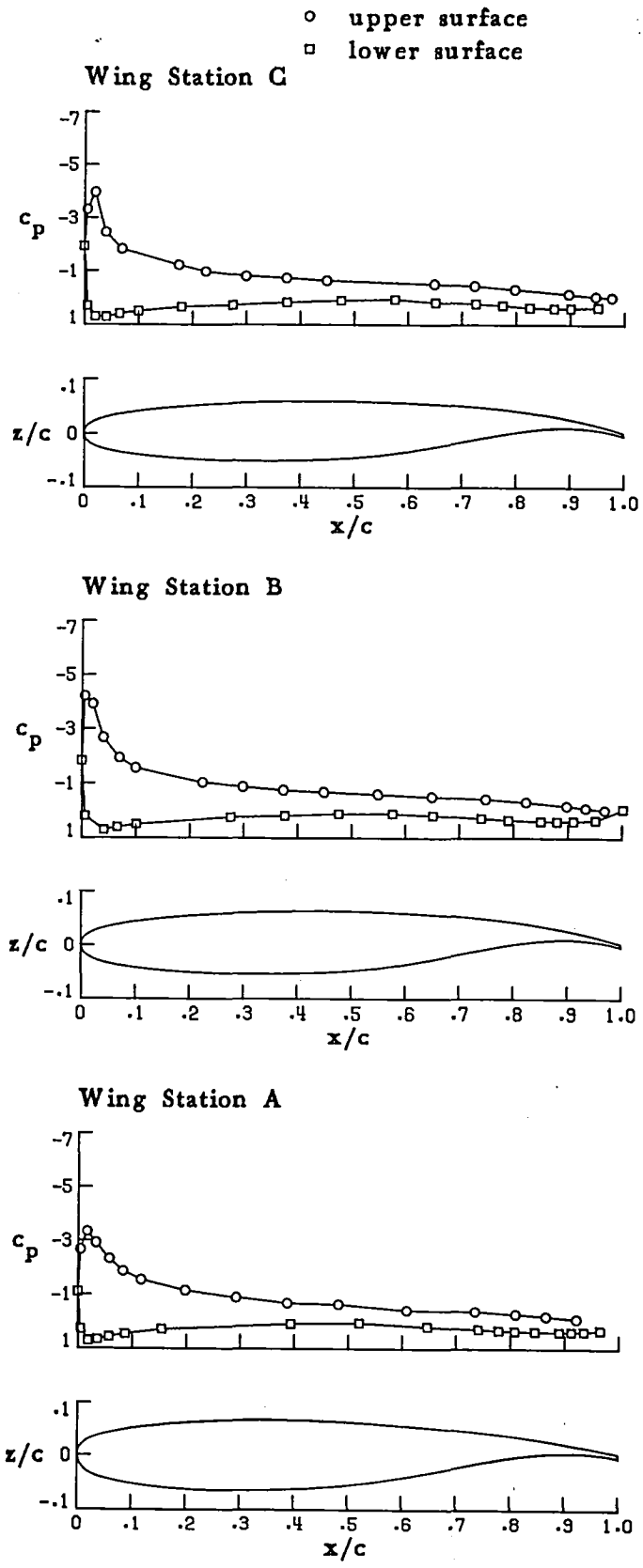
TEST = 498 RUN = 9 POINT = 8



(c) α = 4.31

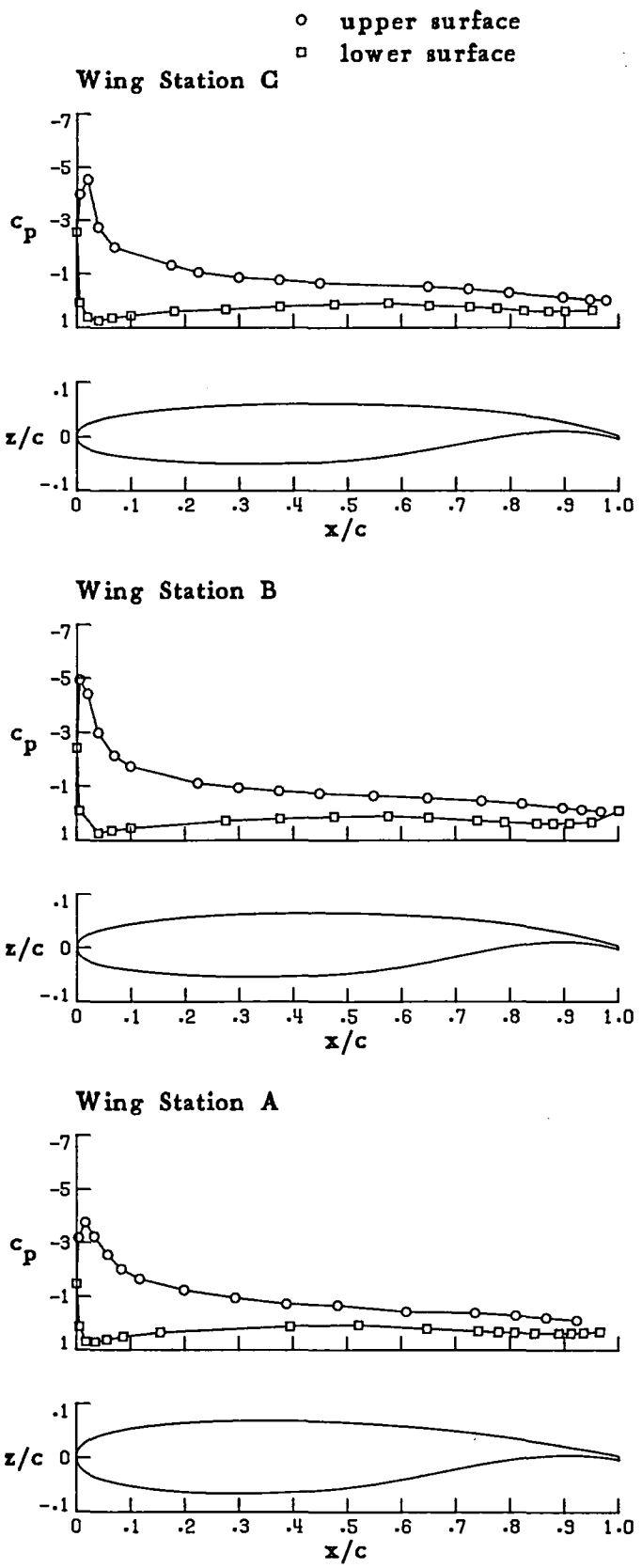
FIGURE 8 . CONTINUED.

TEST = 498 RUN = 9 POINT = 10



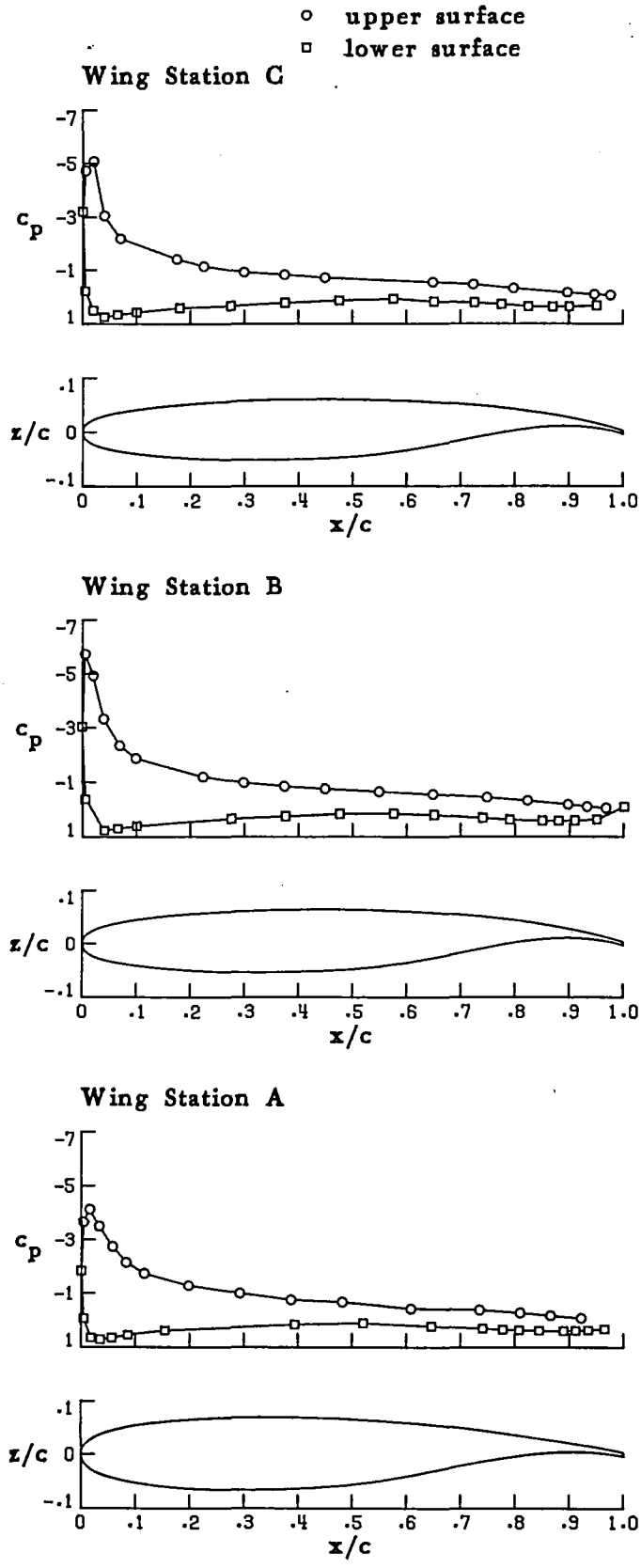
(d) α = 8.50

FIGURE 8 . CONTINUED.



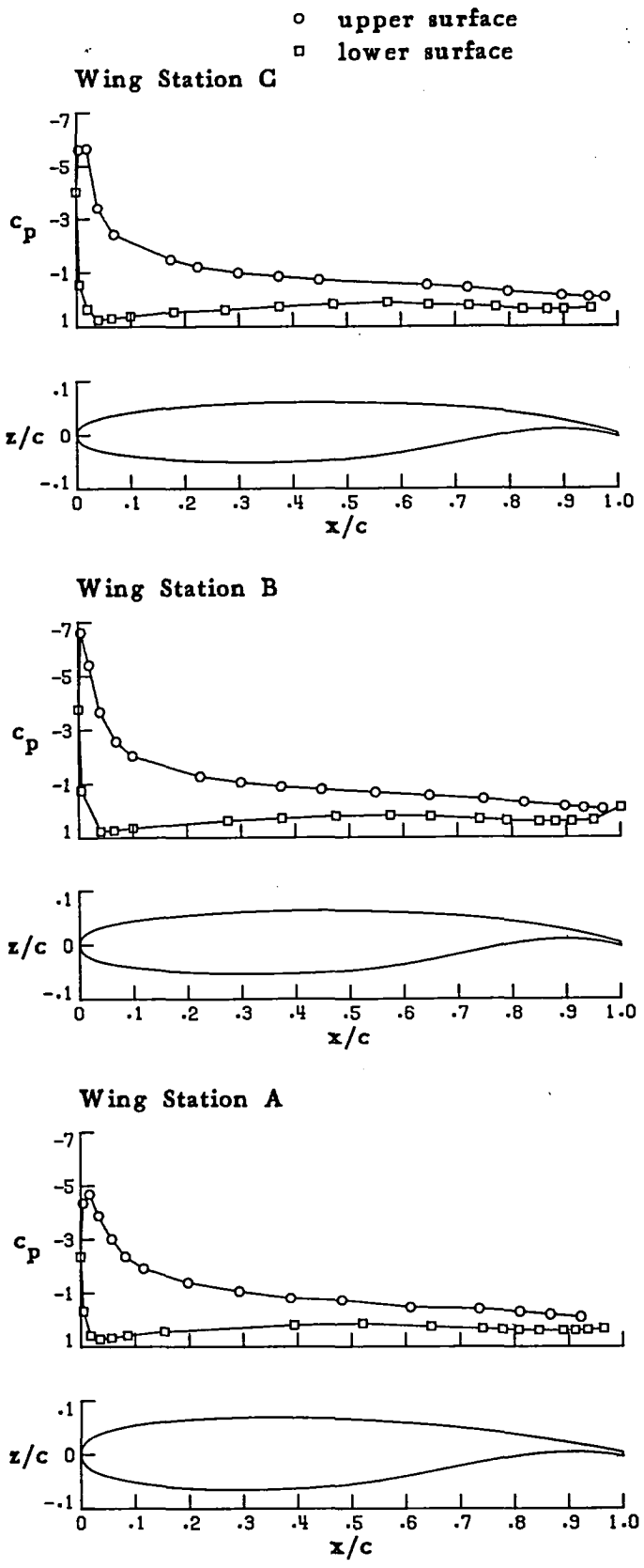
(e) α = 9.56

FIGURE 8 . CONTINUED.



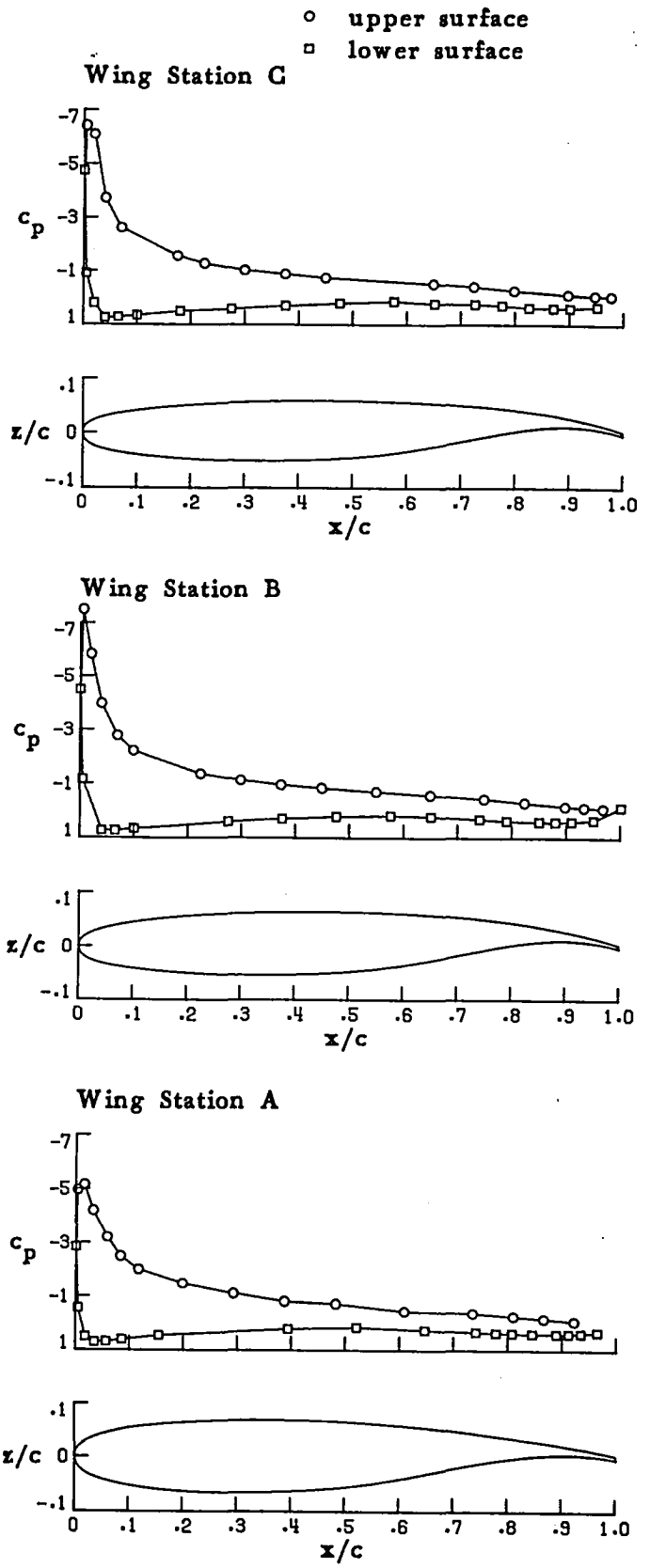
(f) α = 10.52

FIGURE 8 . CONTINUED.



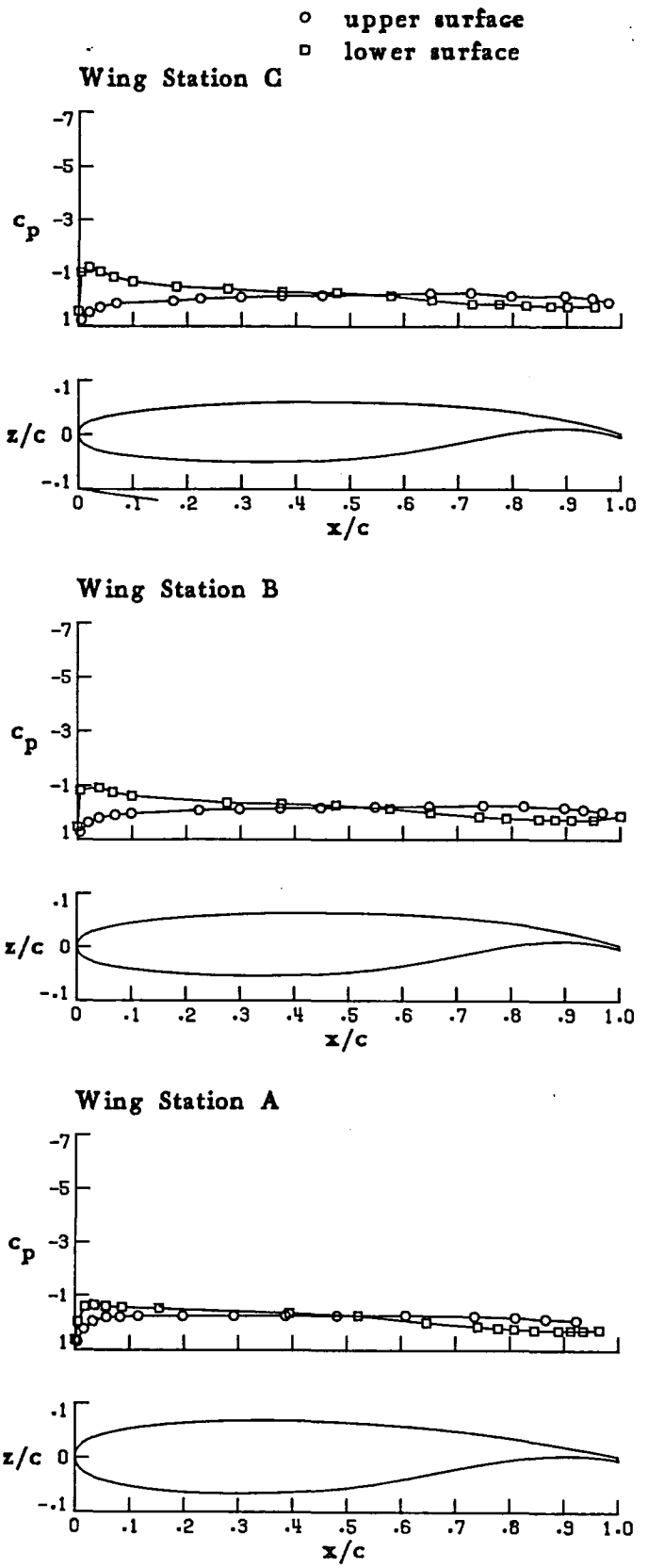
(g) α = 11.62

FIGURE 8 . CONTINUED.



(h) α = 12.60

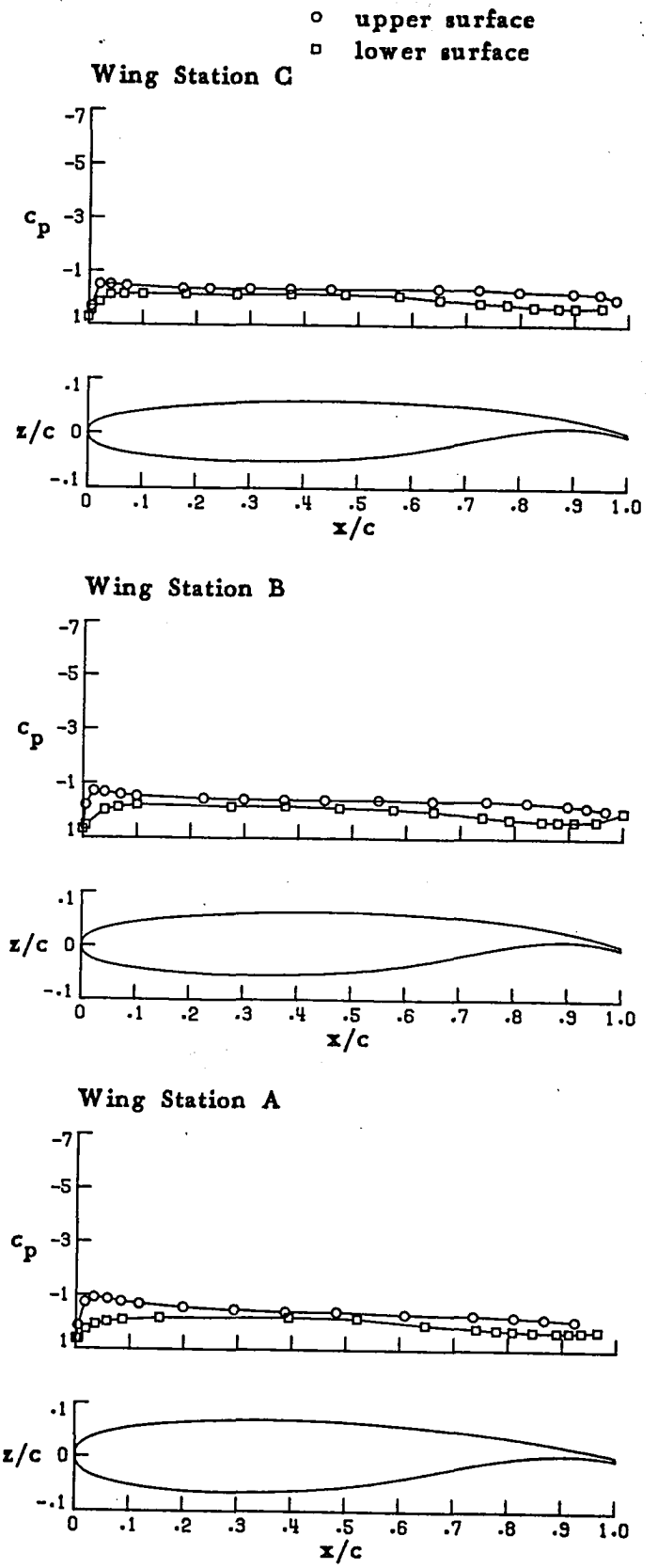
FIGURE 8. CONCLUDED.



(a) α = -4.22

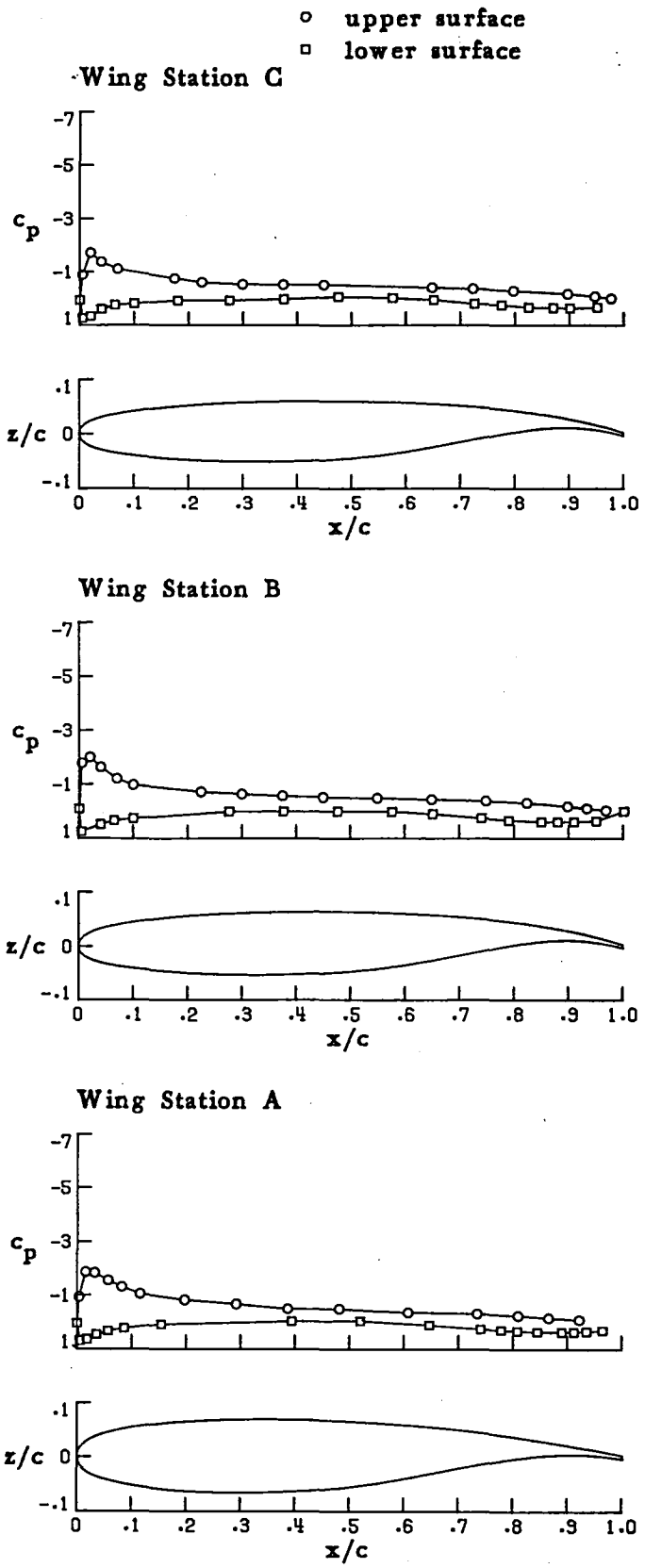
FIGURE 9 . PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 10.

TEST = 936 RUN = 10 POINT = 2



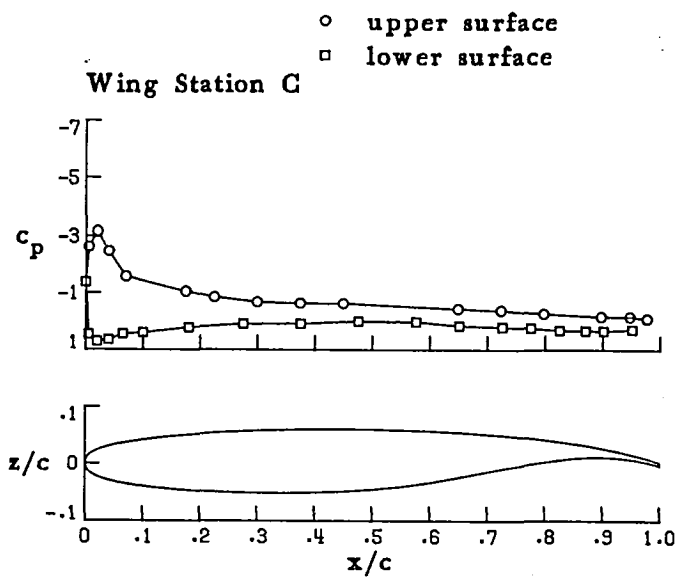
(b) α = .44

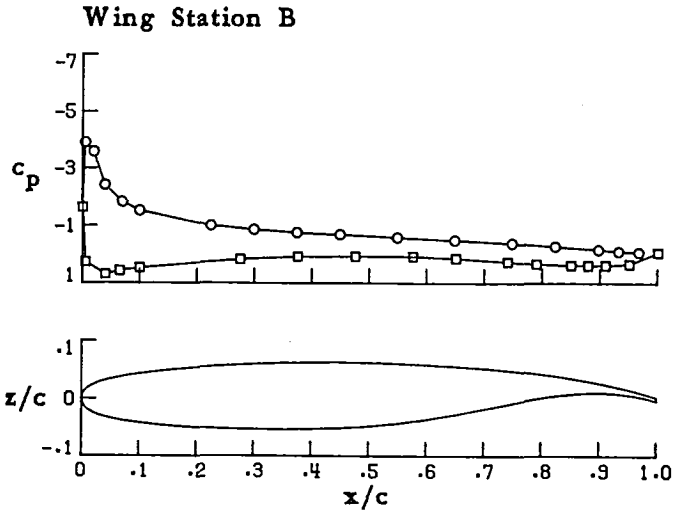
FIGURE 9 . CONTINUED.

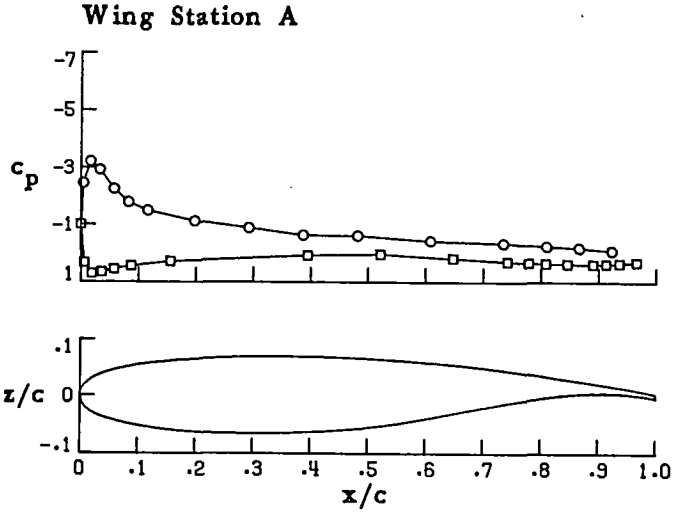


(c) α = 4.52

FIGURE 9 . CONTINUED.

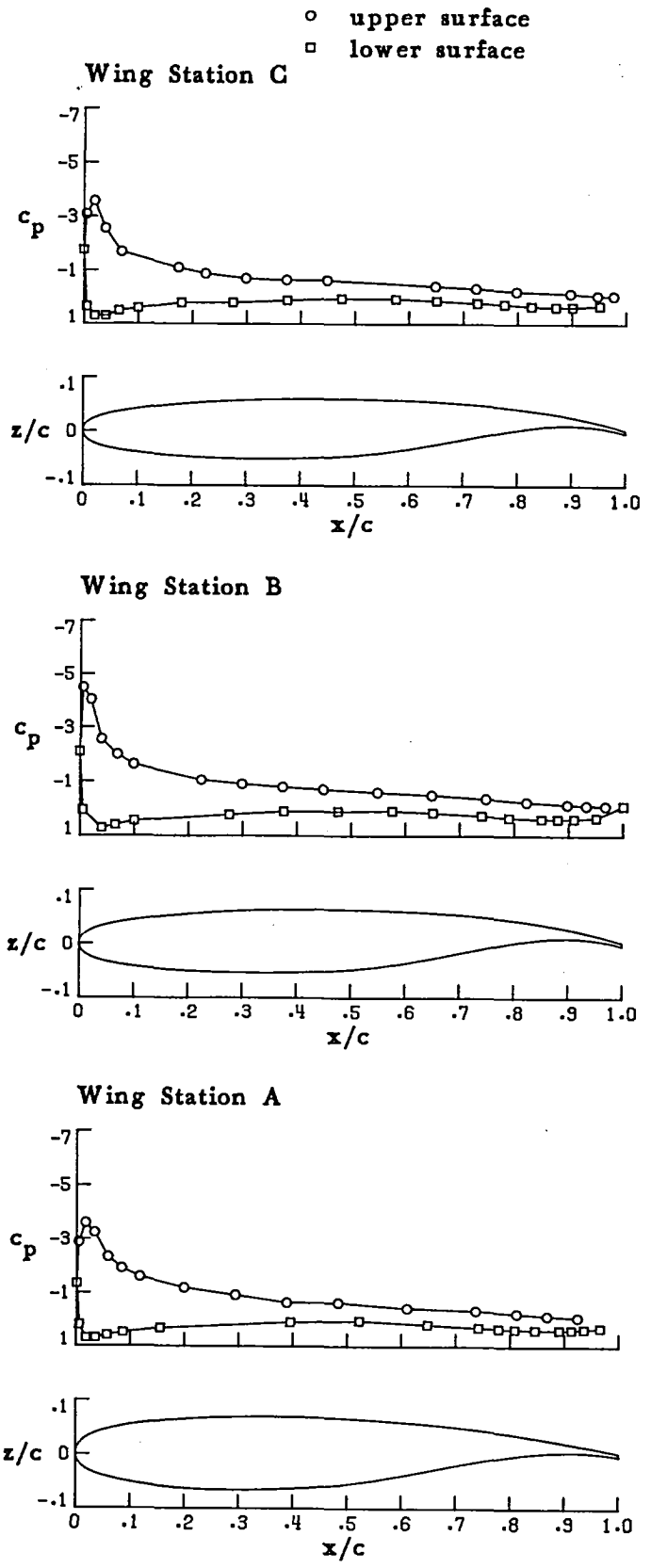






(d) α = 8.43

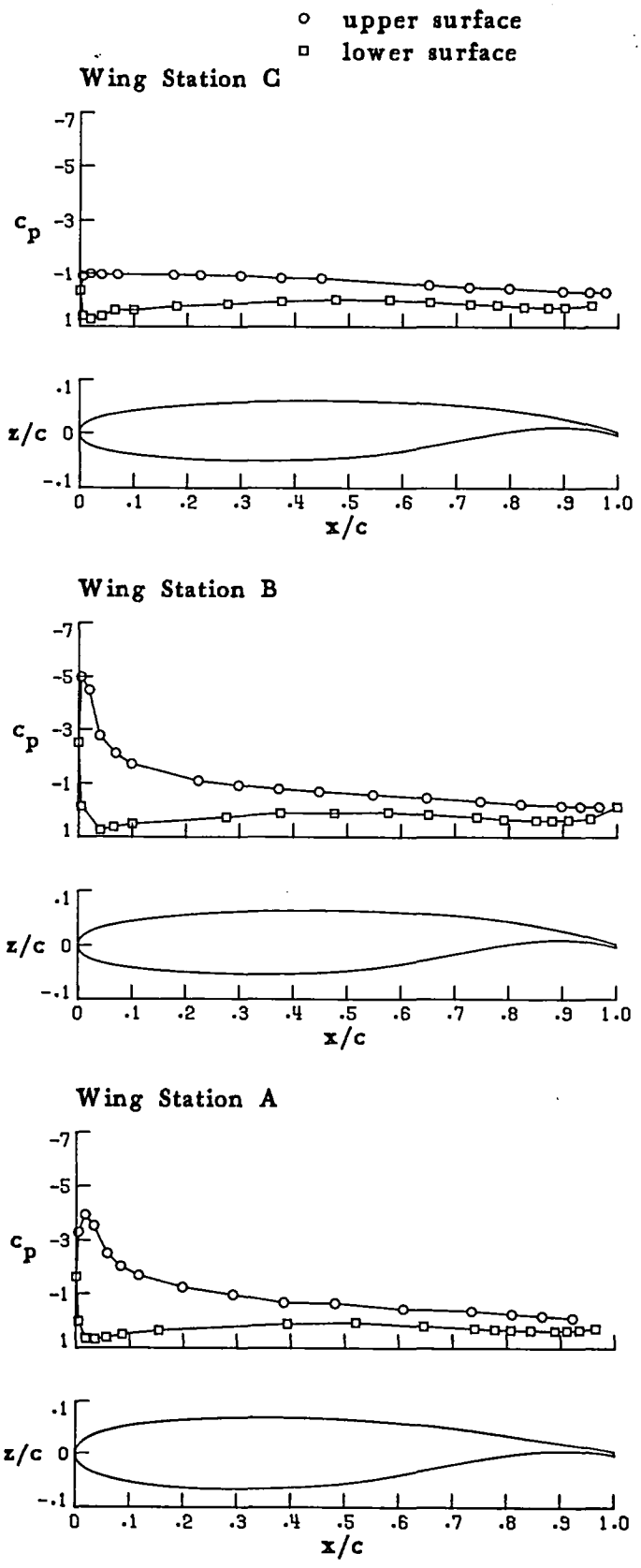
FIGURE 9. CONTINUED.



(e) α = 9.35

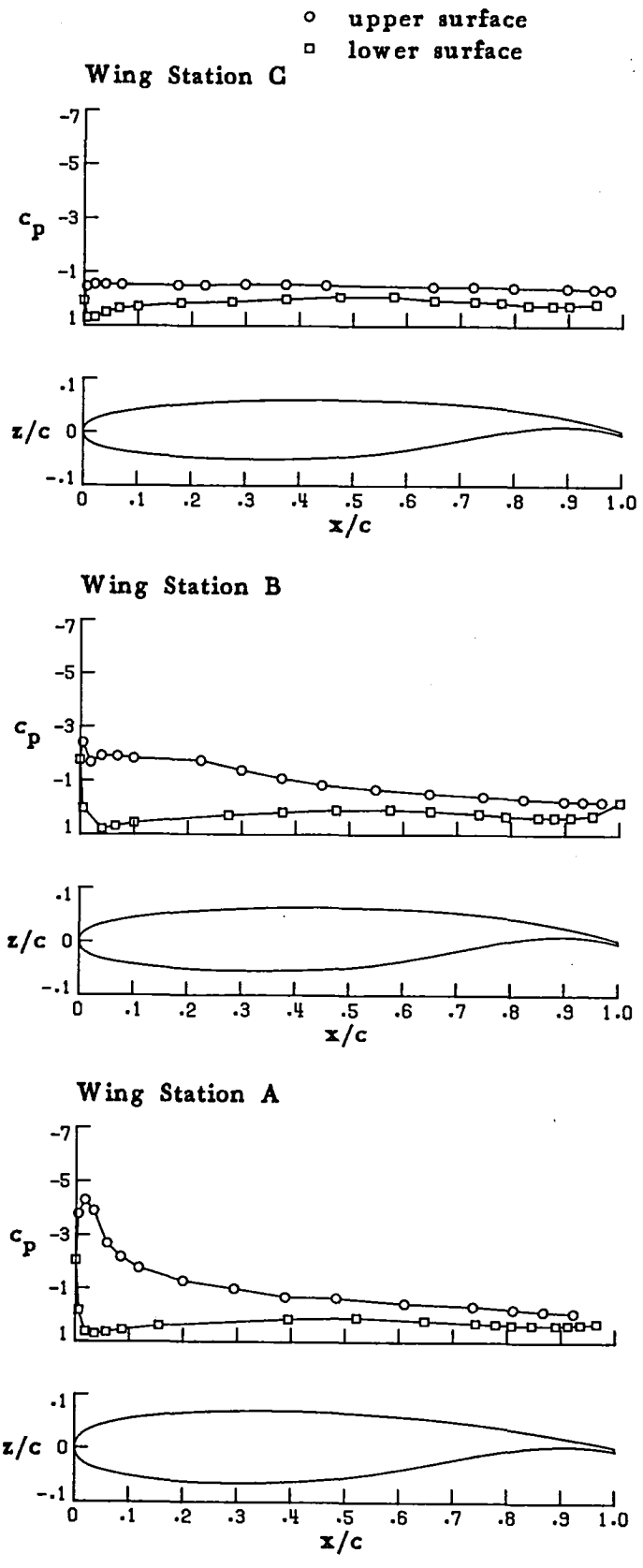
FIGURE 9 . CONTINUED.

TEST = 496 RUN = 10 POINT = 9



(f) α = 10.25

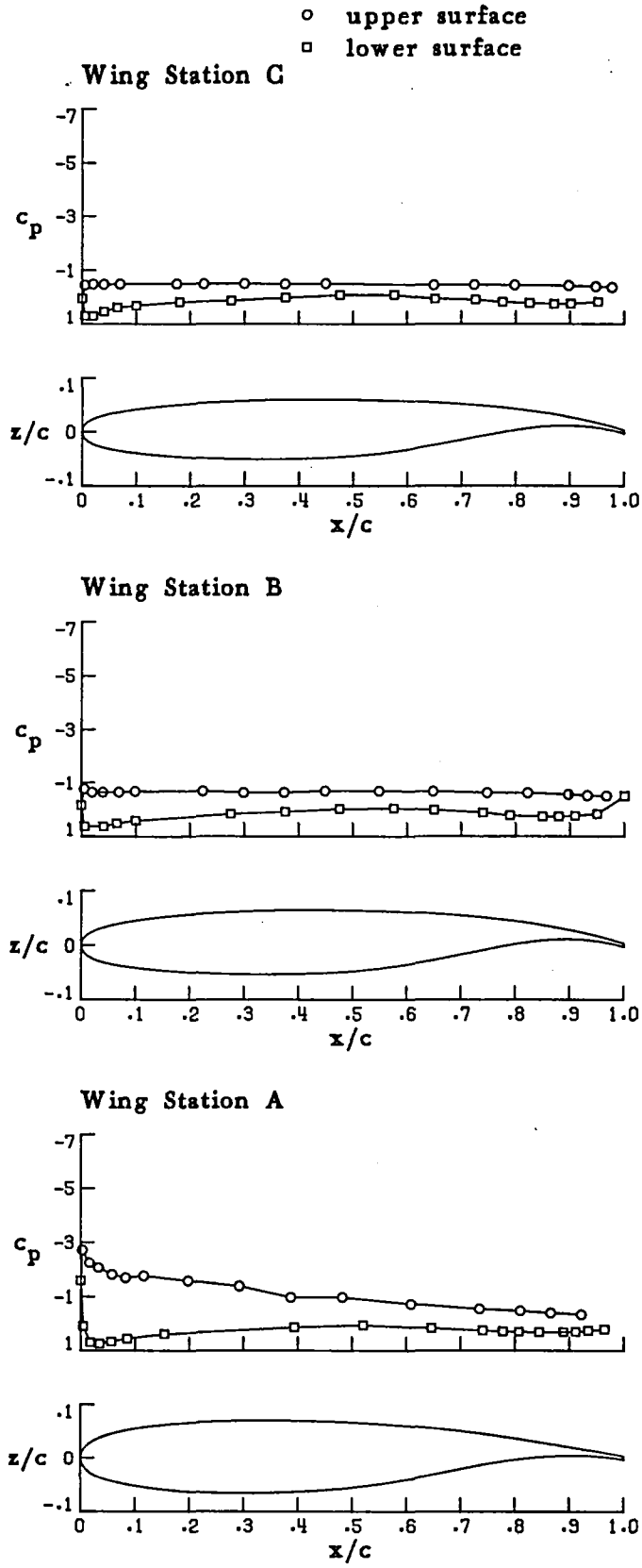
FIGURE 9 . CONTINUED.



(g) α = 11.46

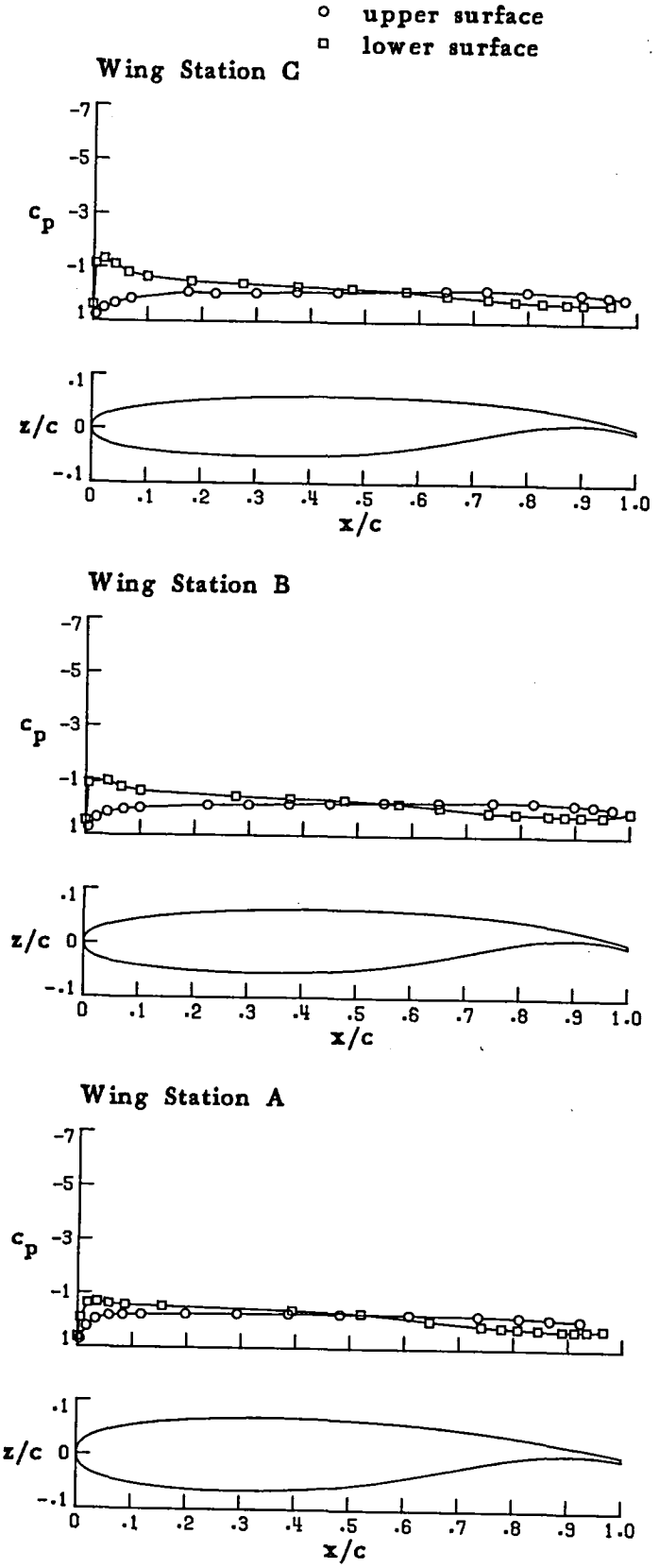
FIGURE 9 . CONTINUED.

TEST = 496 RUN = 10 POINT = 11



(h) α = 12.56

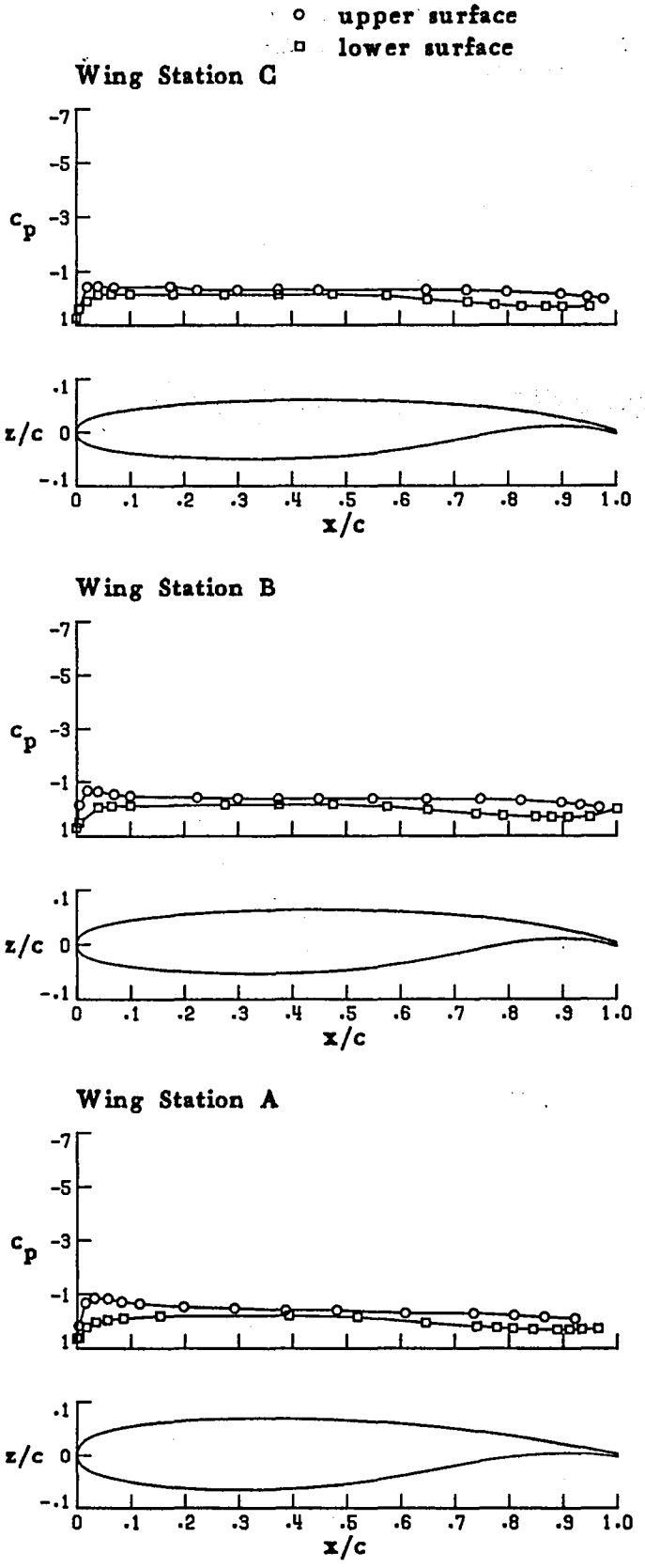
FIGURE 9. CONCLUDED.



(a) α = -4.21

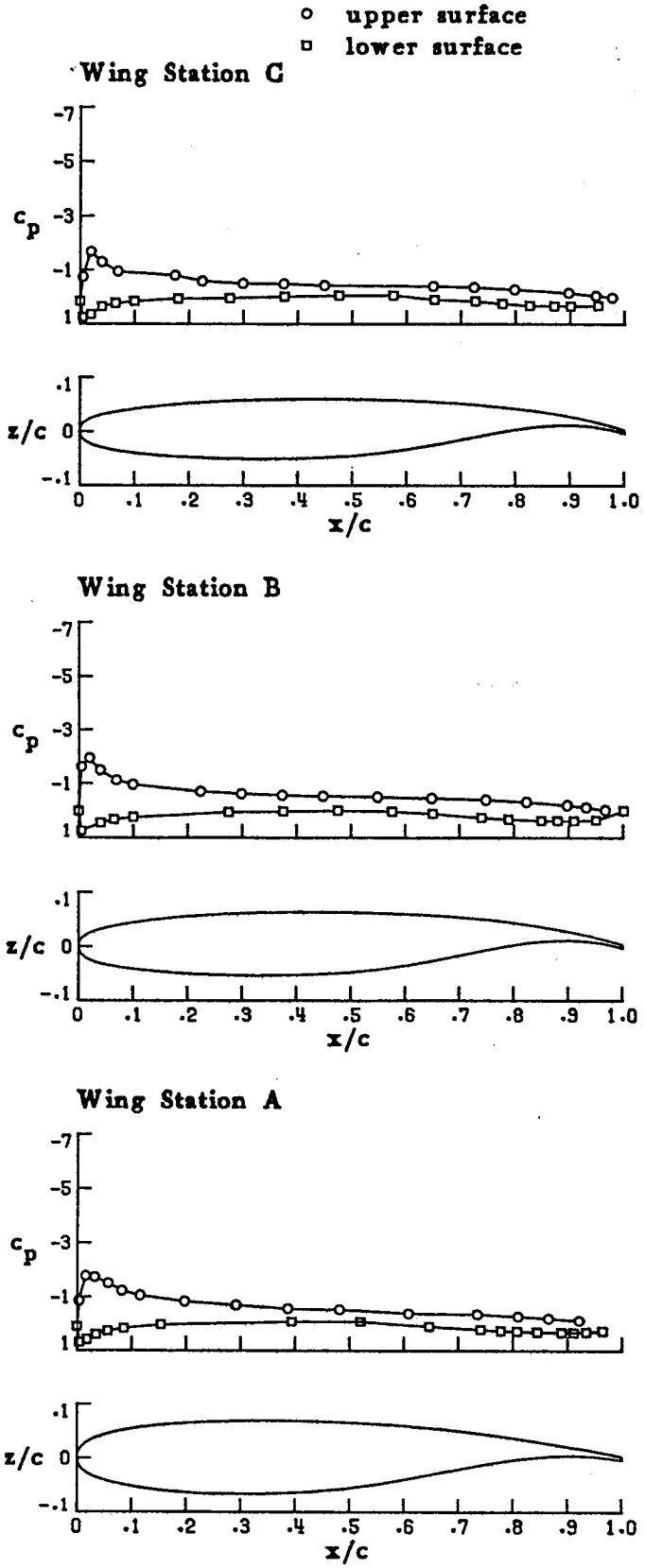
FIGURE 10. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 8.

TEST = 496 RUN = 8 POINT = 2



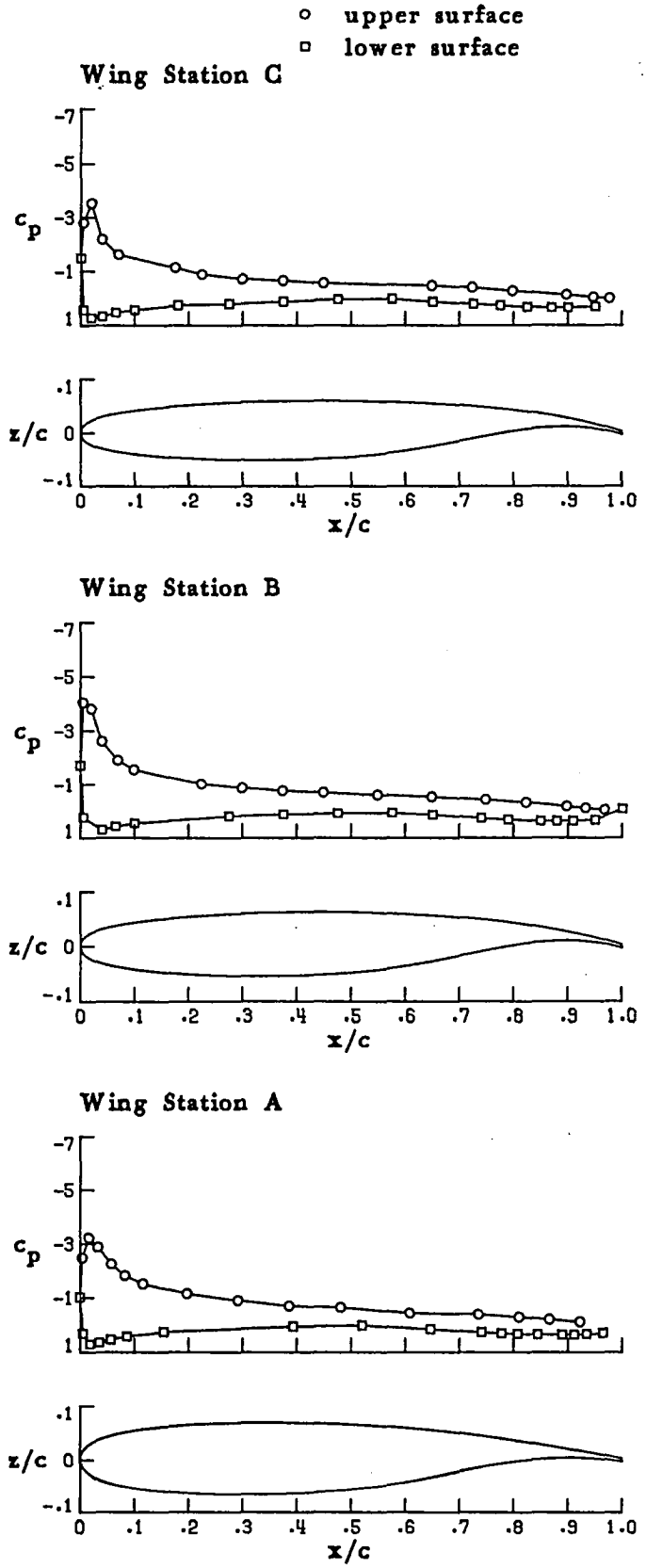
(b) α = .40

FIGURE 10. CONTINUED.



(c) α = 4.23

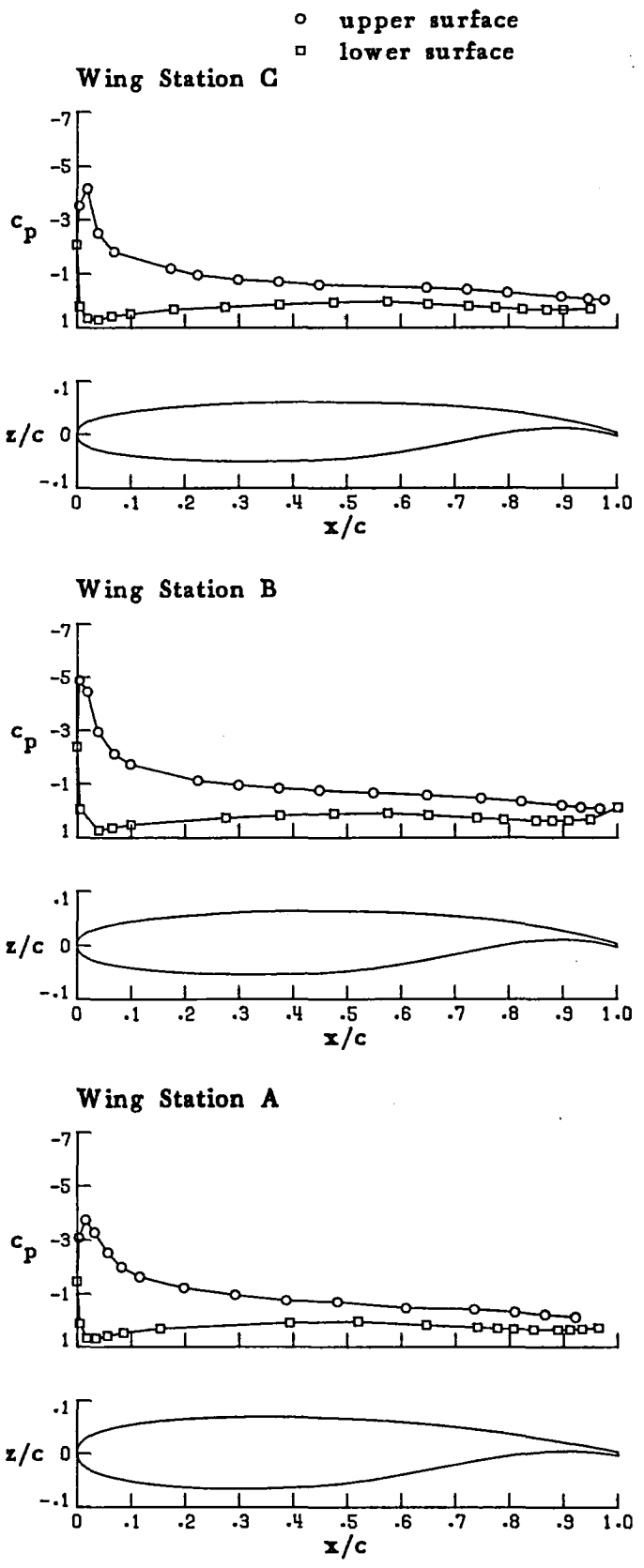
FIGURE 10. CONTINUED.



(d) α = 8.41

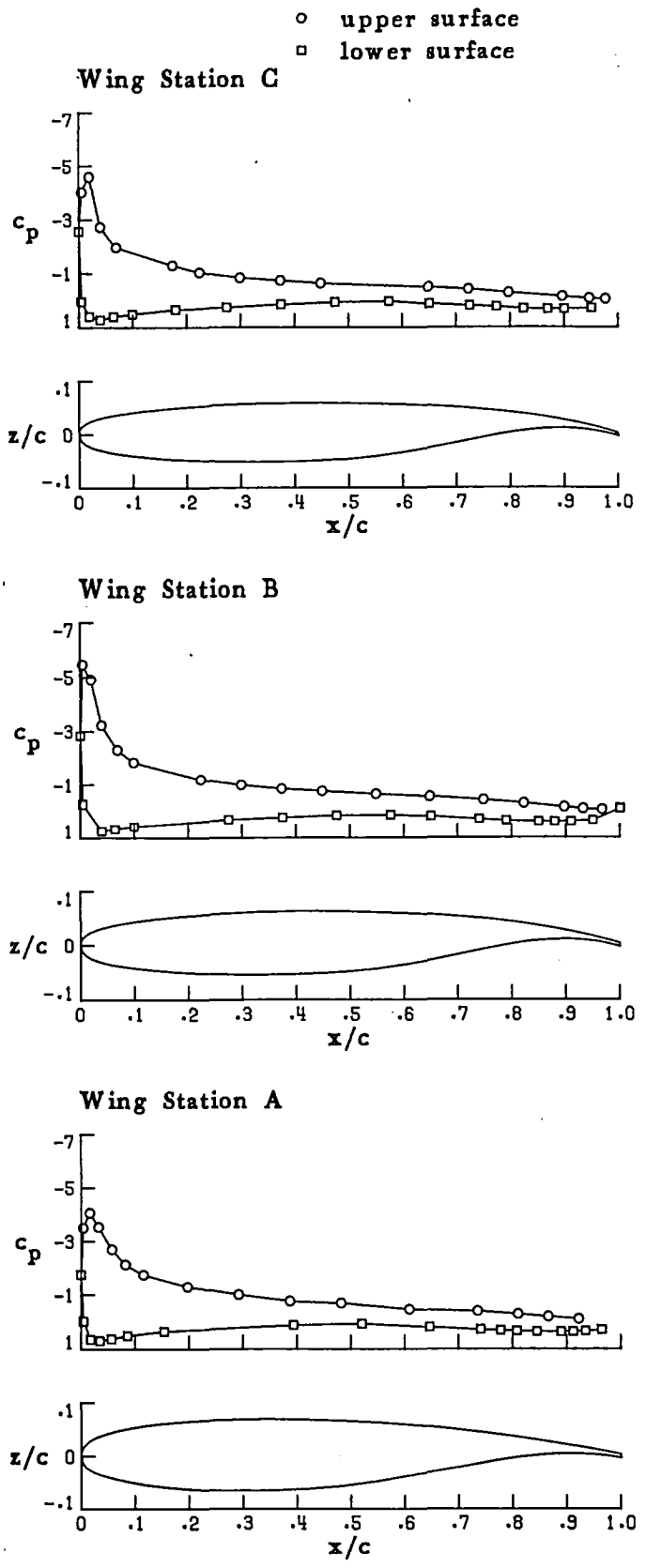
FIGURE 10. CONTINUED.

TEST = 536 RUN = 8 POINT = 8



(e) α = 9.52

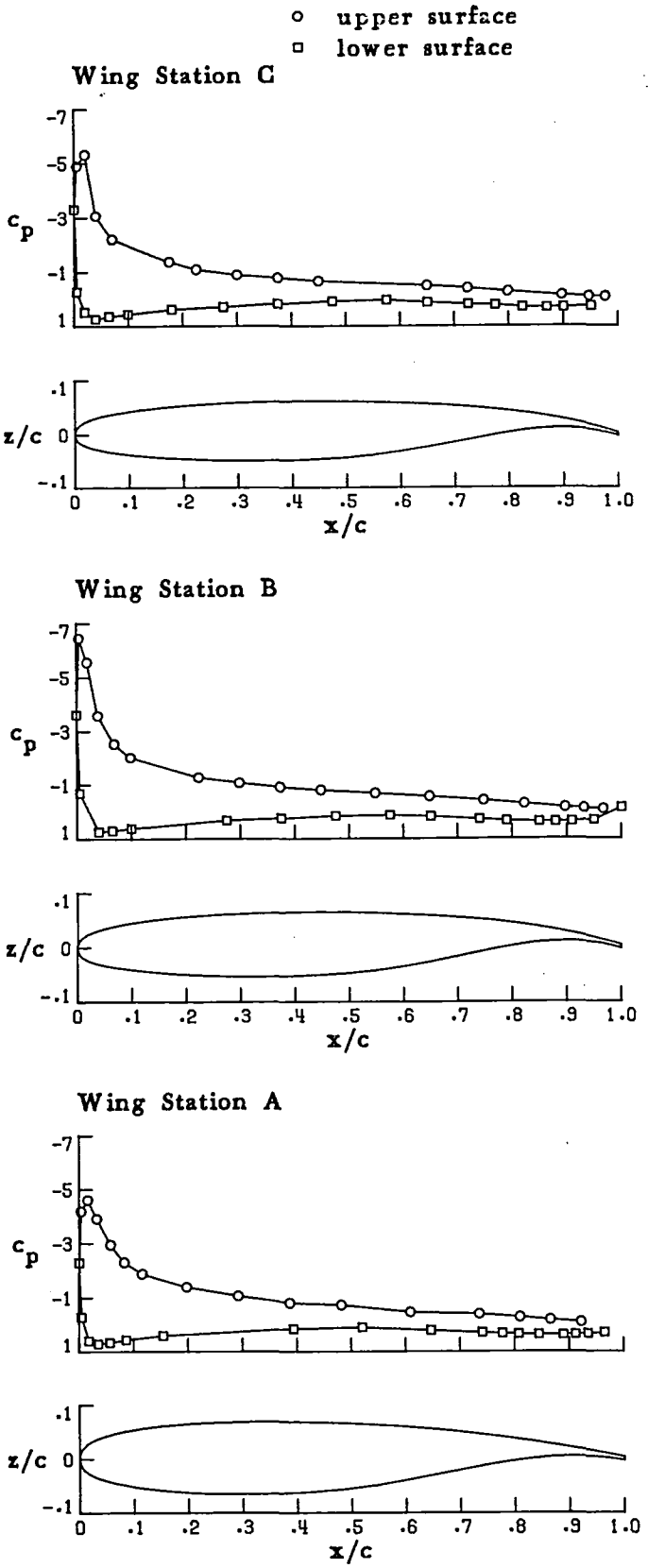
FIGURE 10. CONTINUED.



(f) α = 10.35

FIGURE 10. CONTINUED.

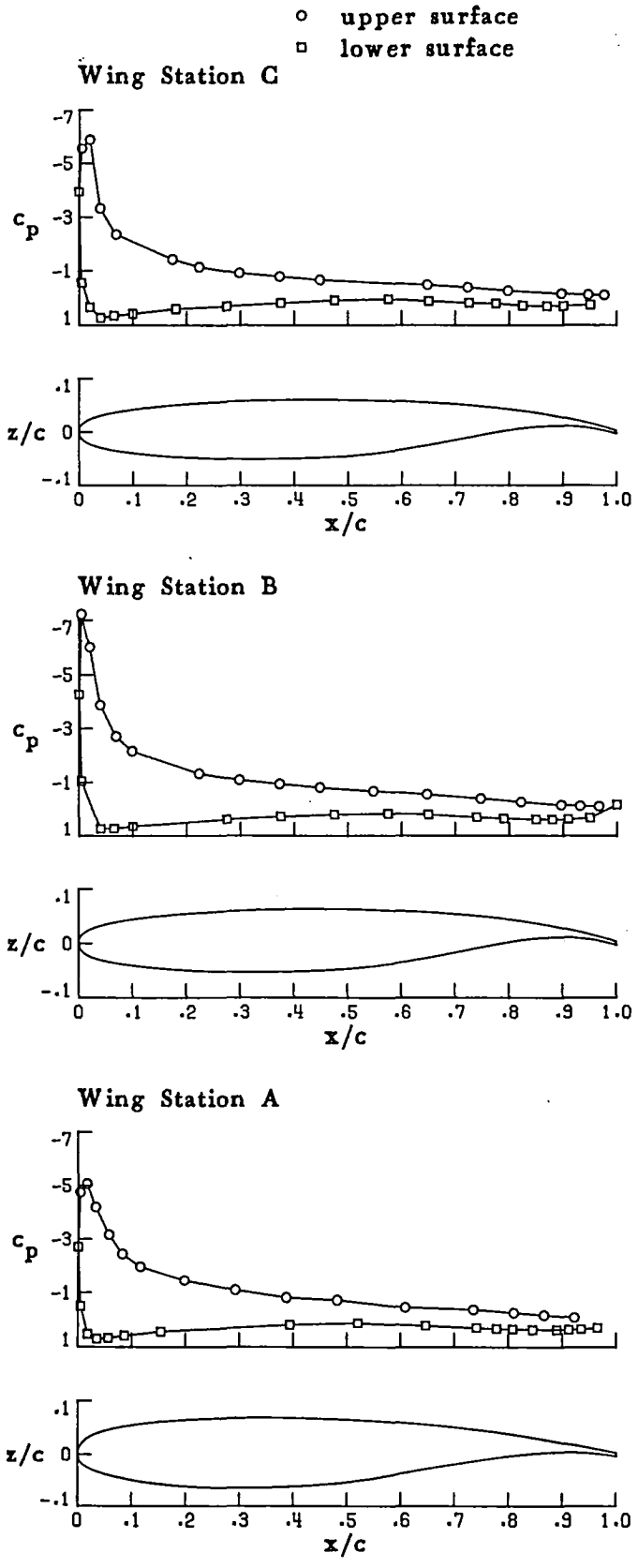
TEST = 456 RUN = 8 POINT = 10



(g) α = 11.61

FIGURE 10. CONTINUED.

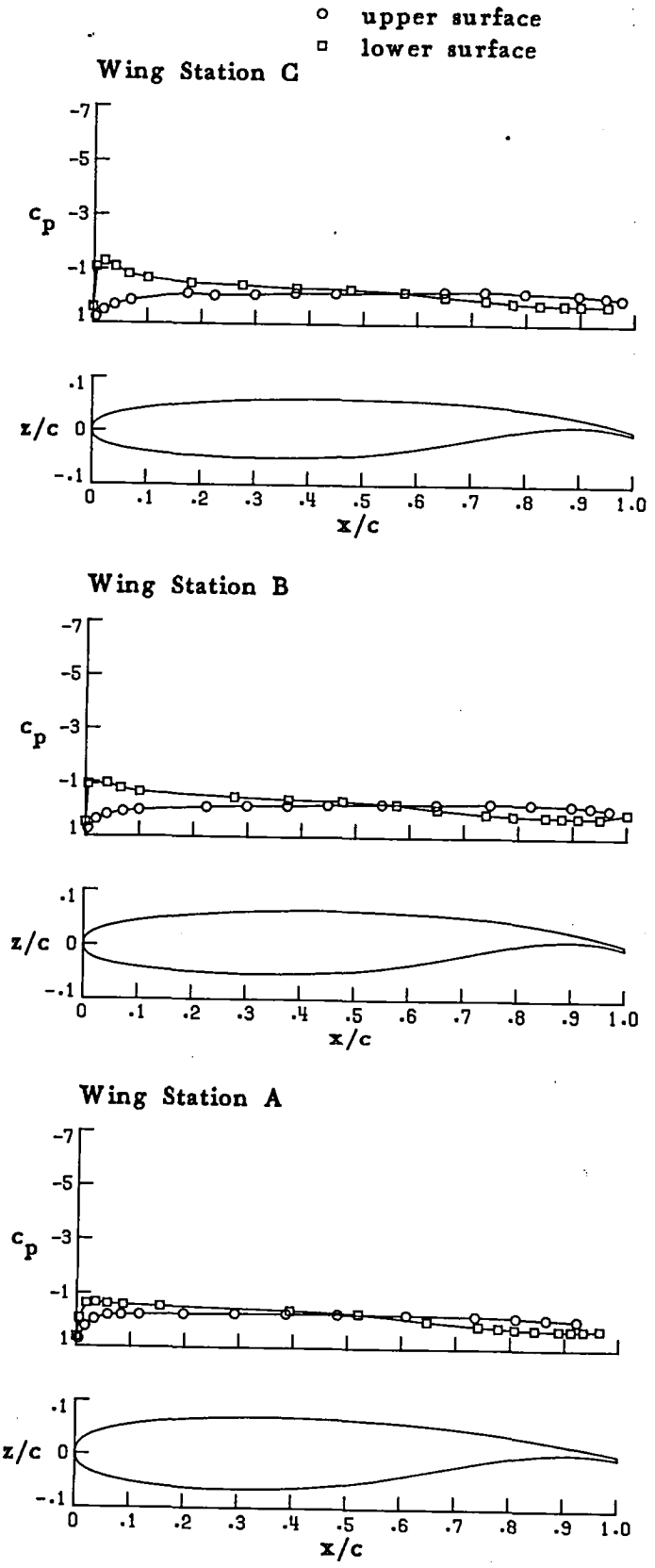
TEST = 456 RUN = 8 POINT = 11



(h) α = 12.56

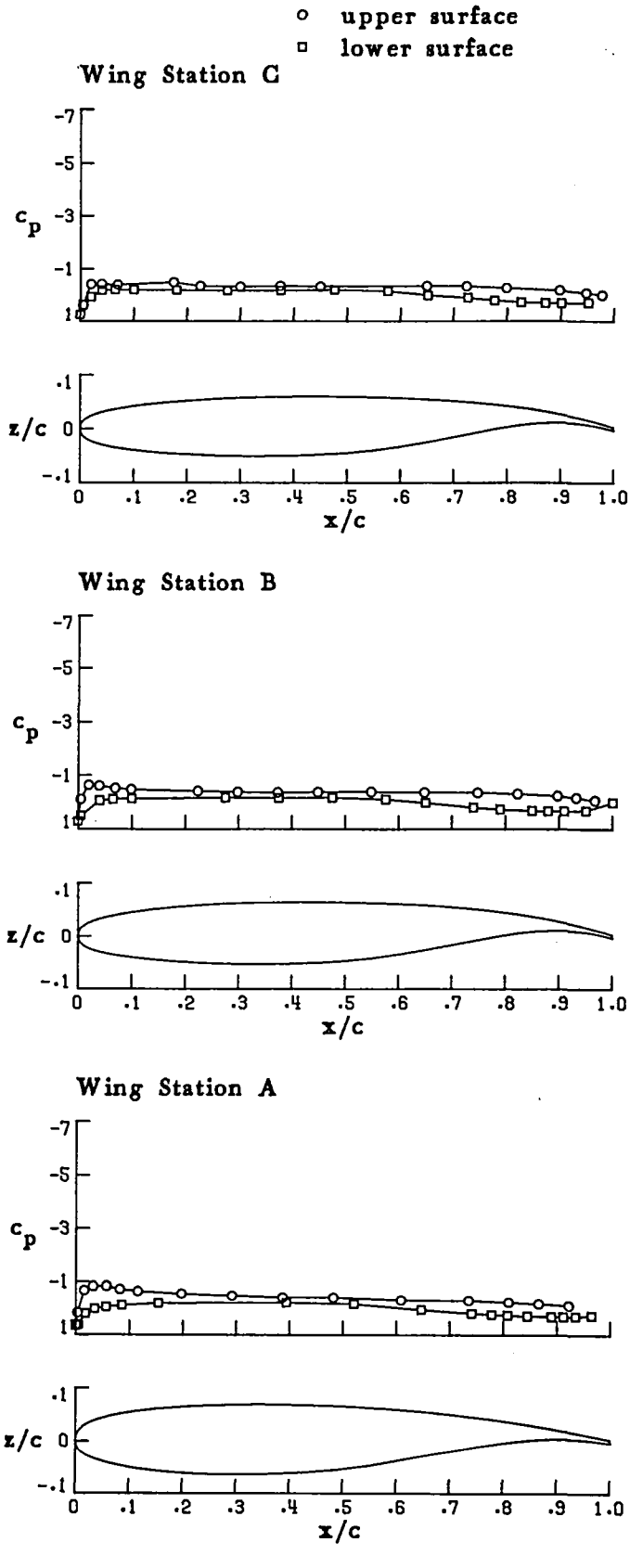
FIGURE 10 . CONCLUDED.

TEST = 456 RUN = 8 POINT = 12



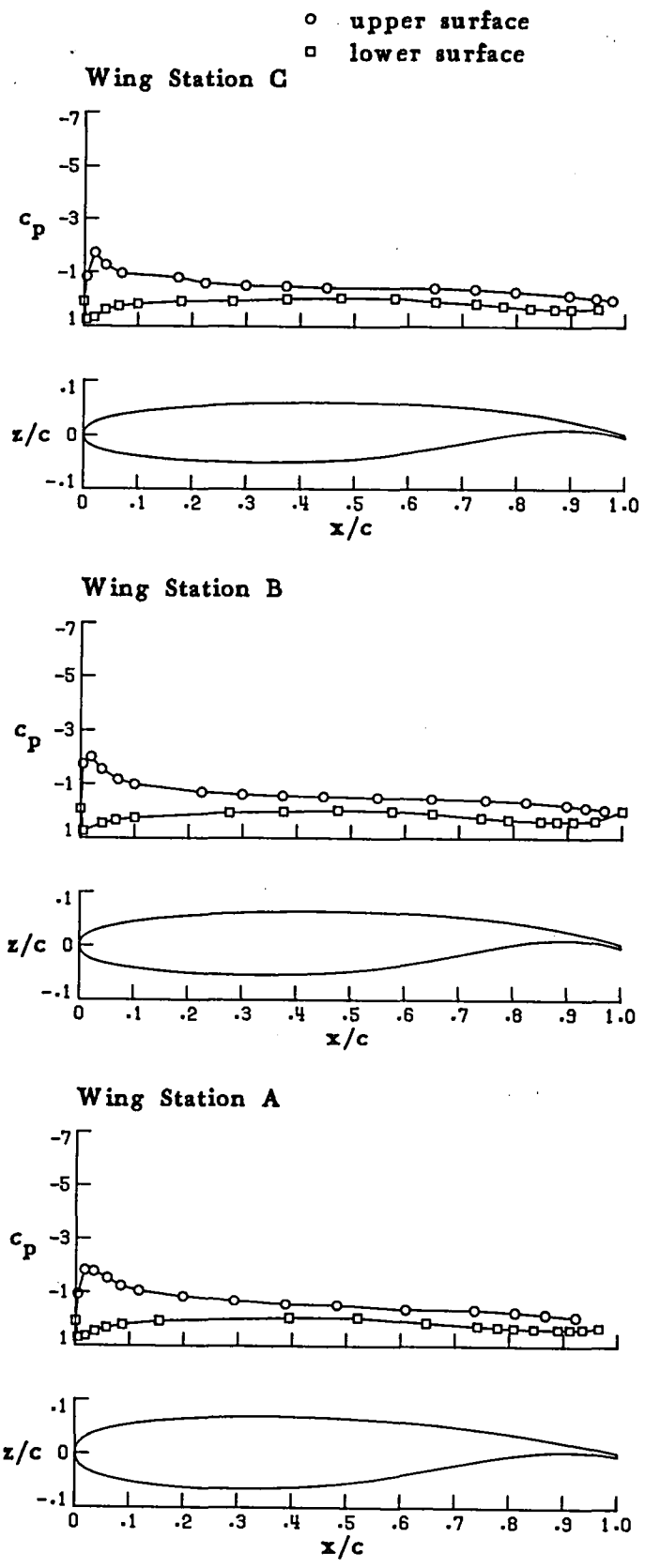
(a) α = -4.22

FIGURE 11. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 7.



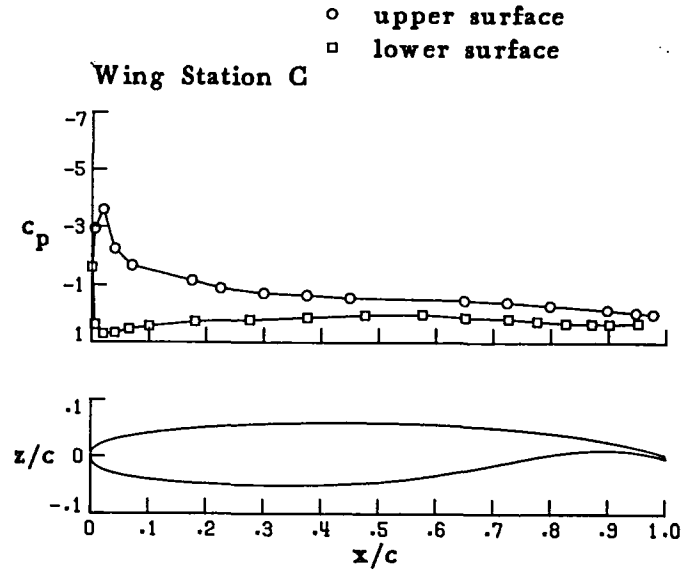
(b) α = .30

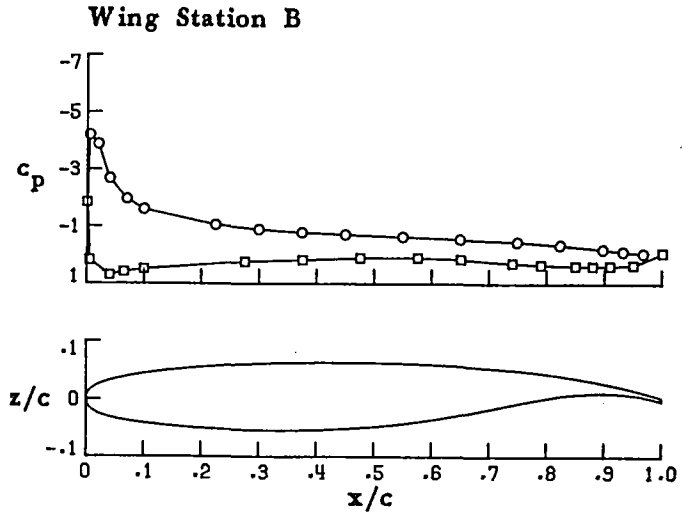
FIGURE 11. CONTINUED.

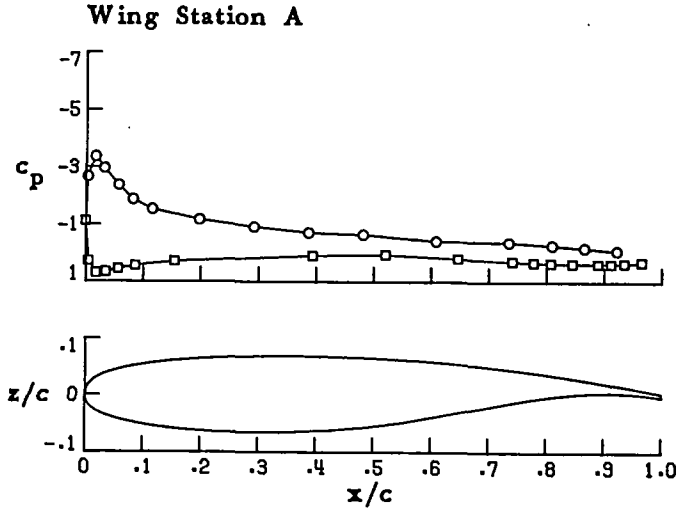


(c) α = 4.43

FIGURE 11. CONTINUED.

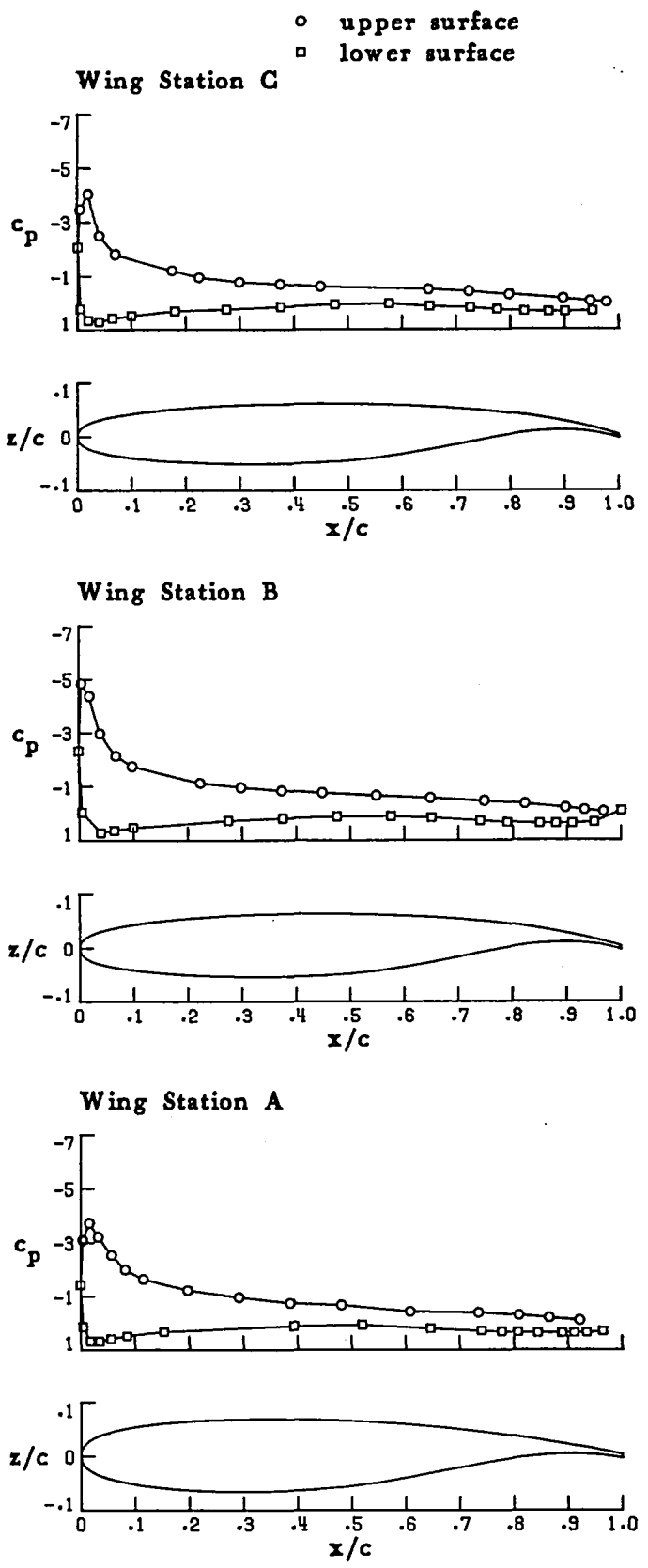






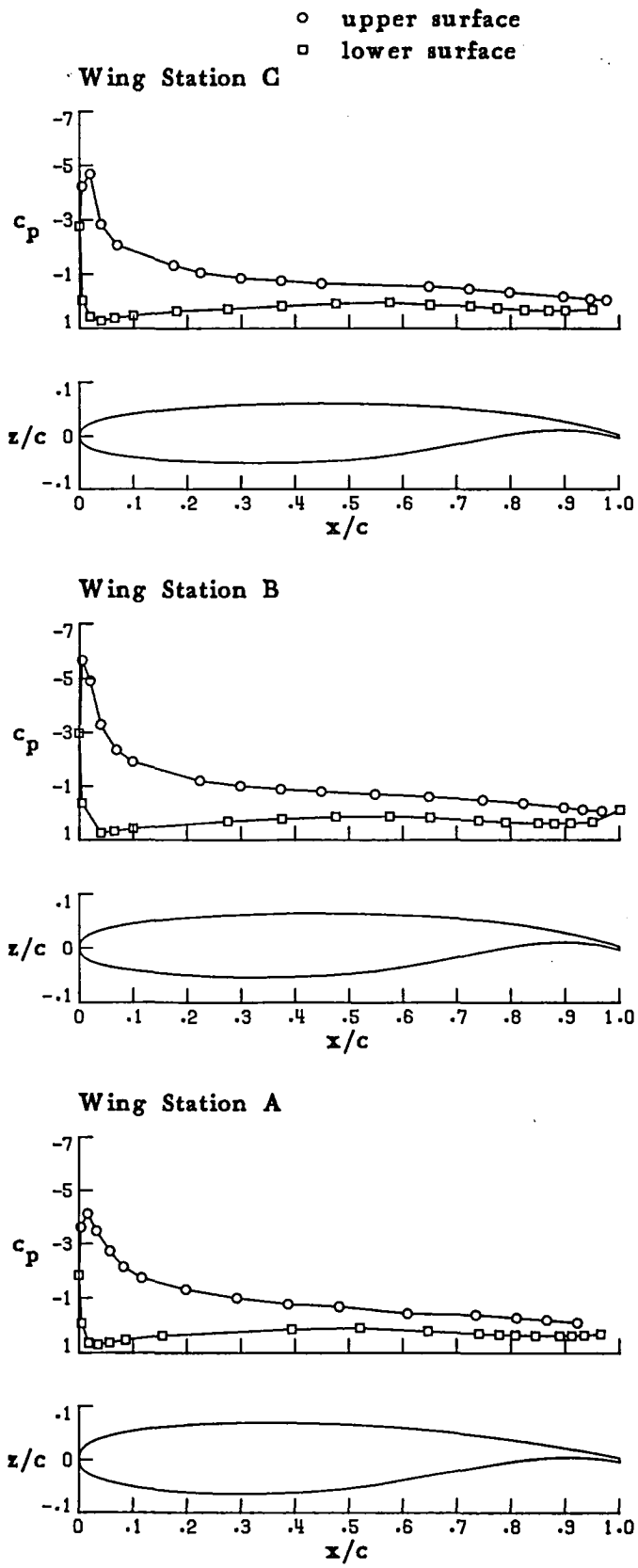
(d) α = 8.58

FIGURE 11. CONTINUED.



(e) α = 9.45

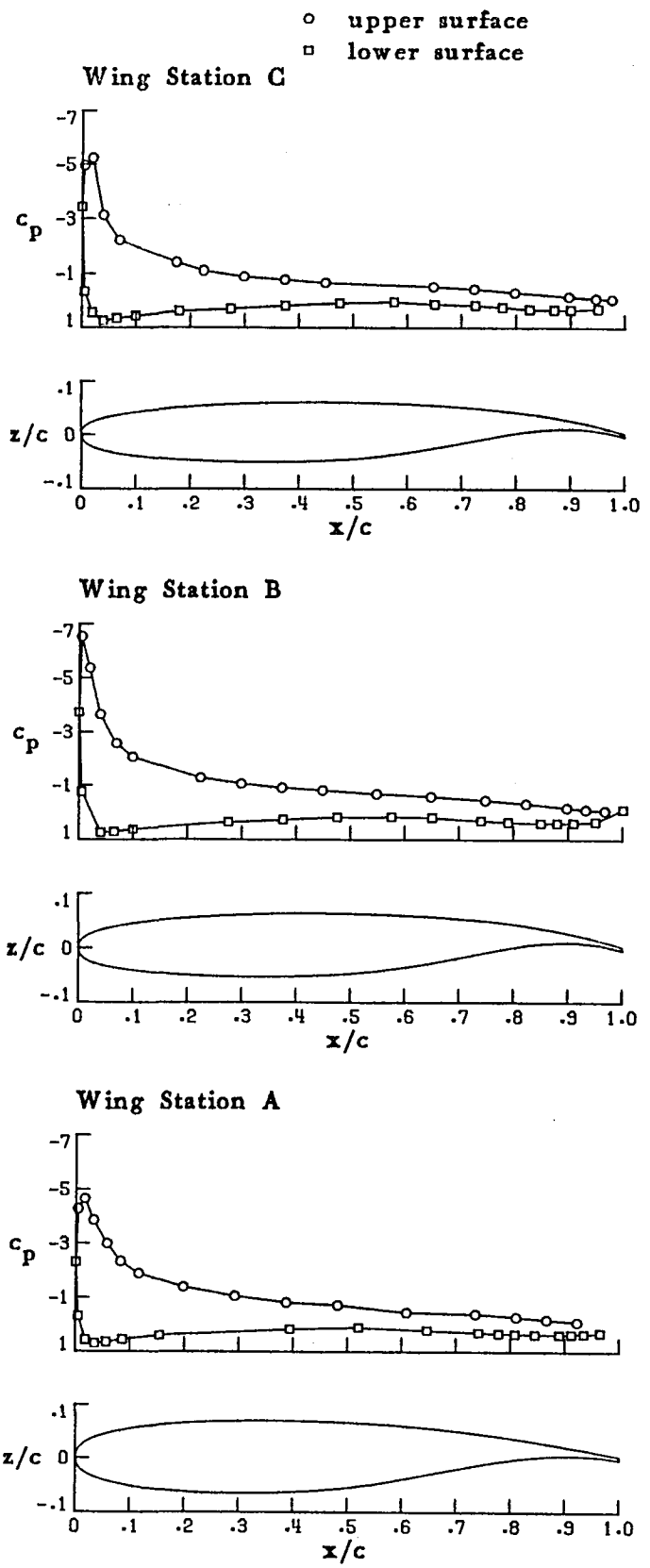
FIGURE 11. CONTINUED.



(f) α = 10.45

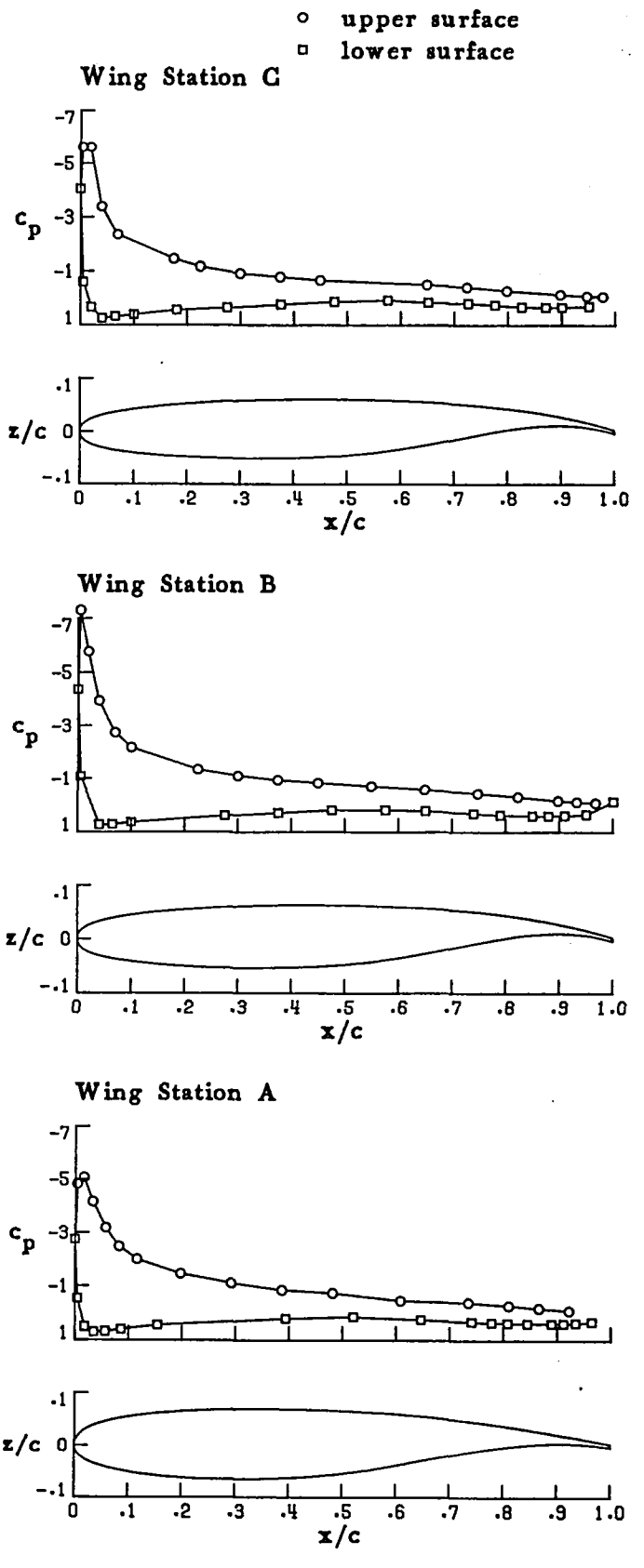
FIGURE 11. CONTINUED.

TEST = 456 RUN = 7 POINT = 14



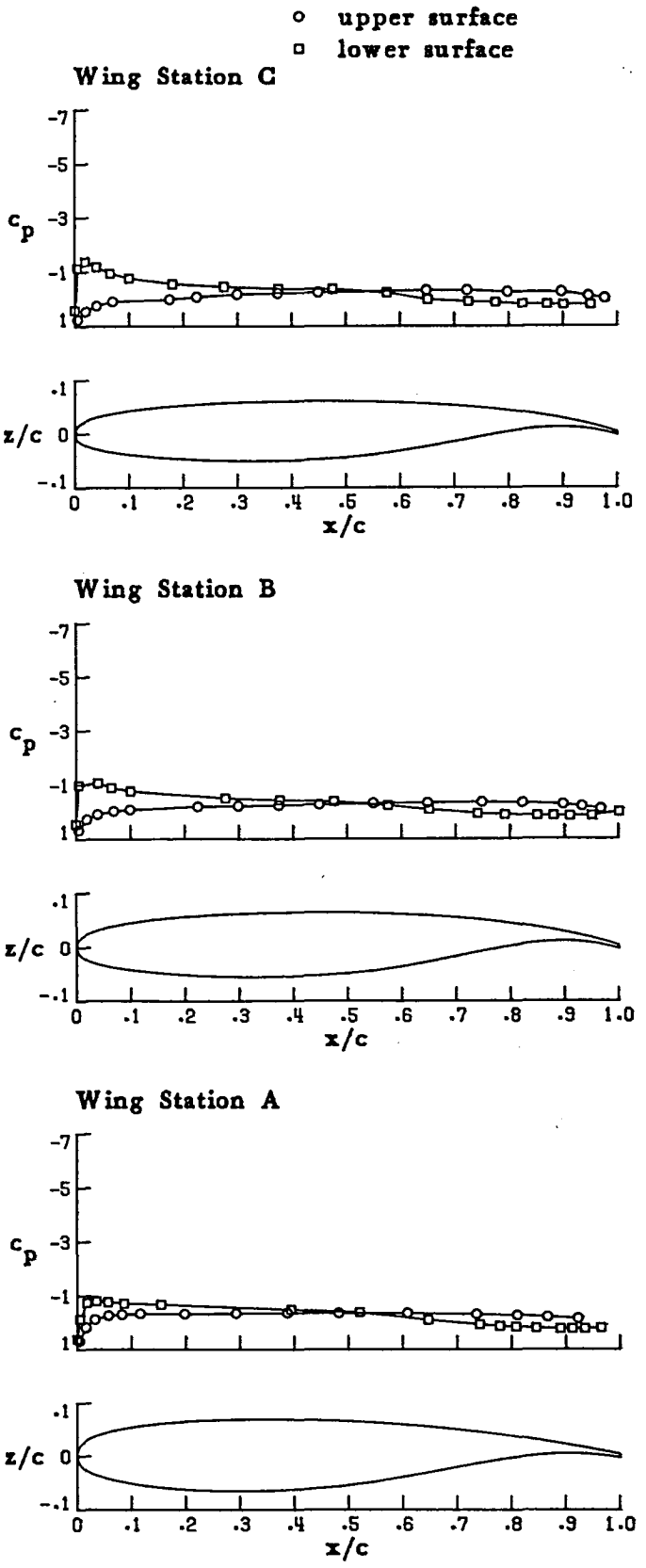
(g) α = 11.60

FIGURE 11. CONTINUED.



(h) α = 12.55

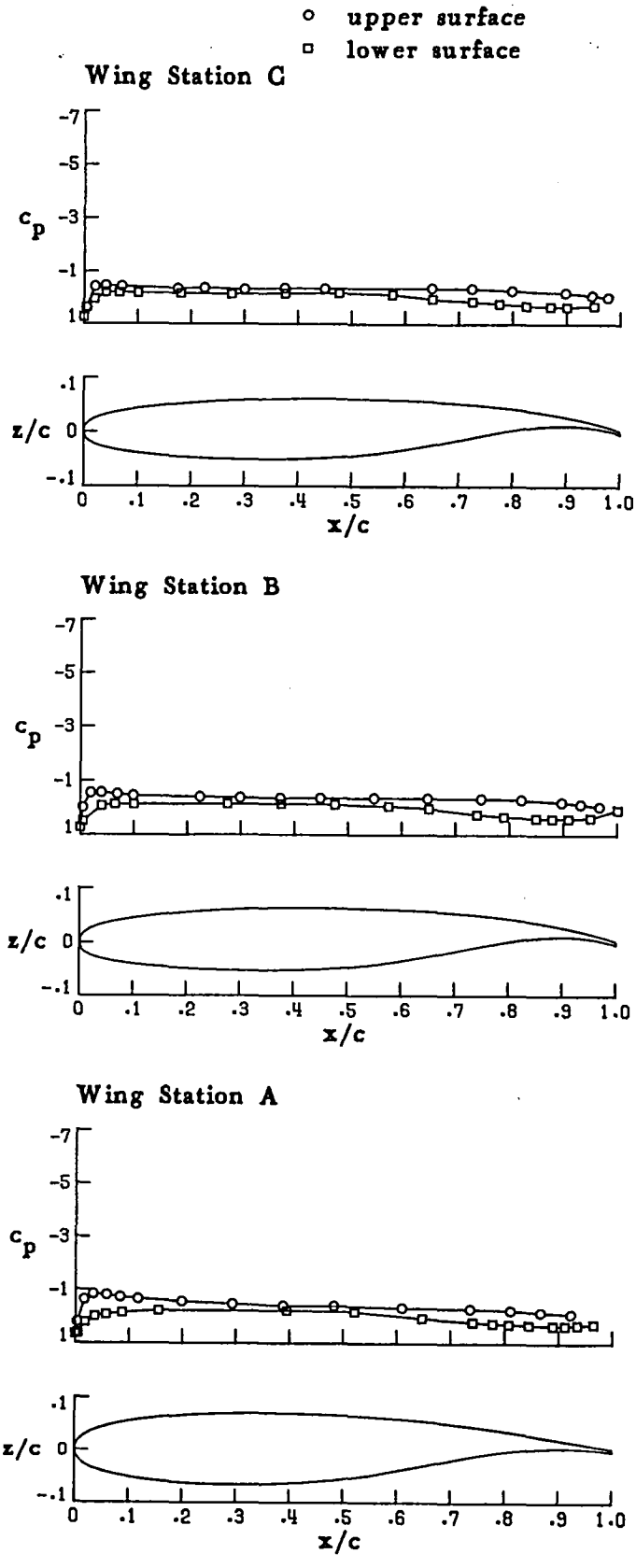
FIGURE 11 . CONCLUDED.



(a) α = -4.02

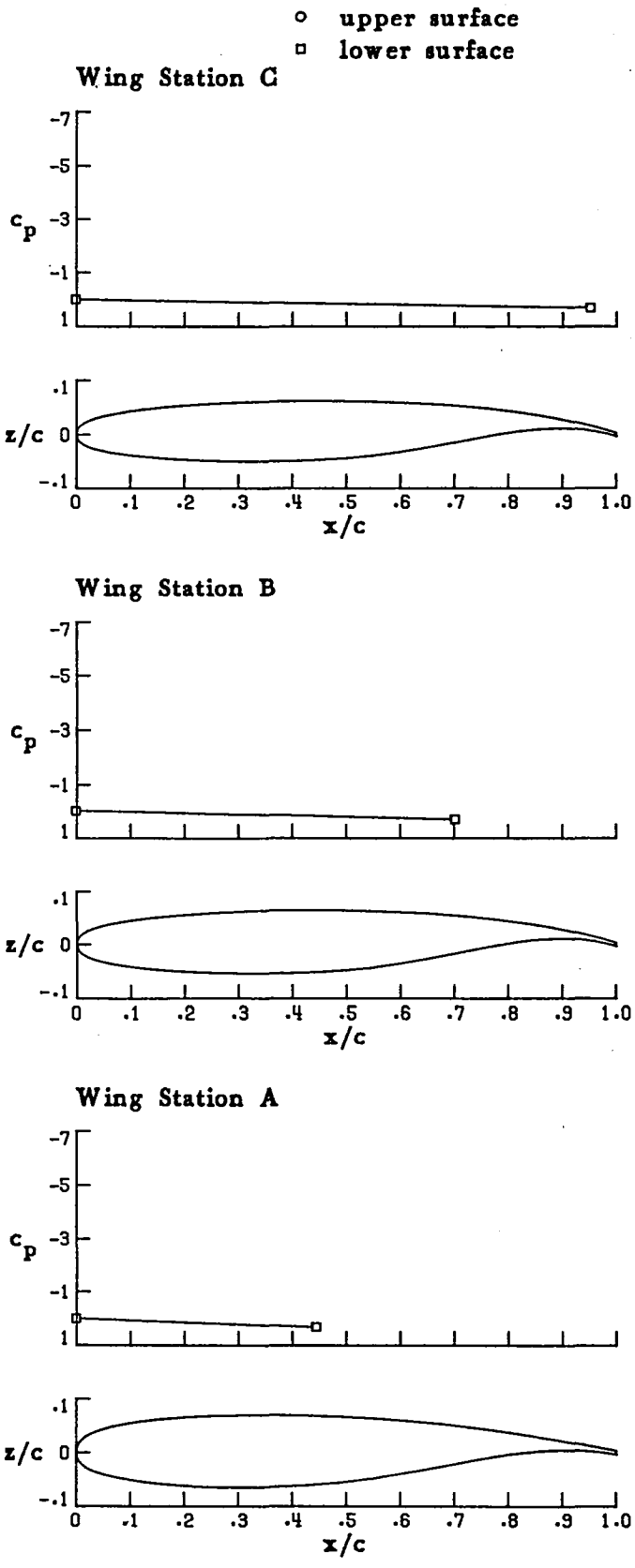
FIGURE 12. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 13.

TEST = 436 RUN = 13 POINT = 2



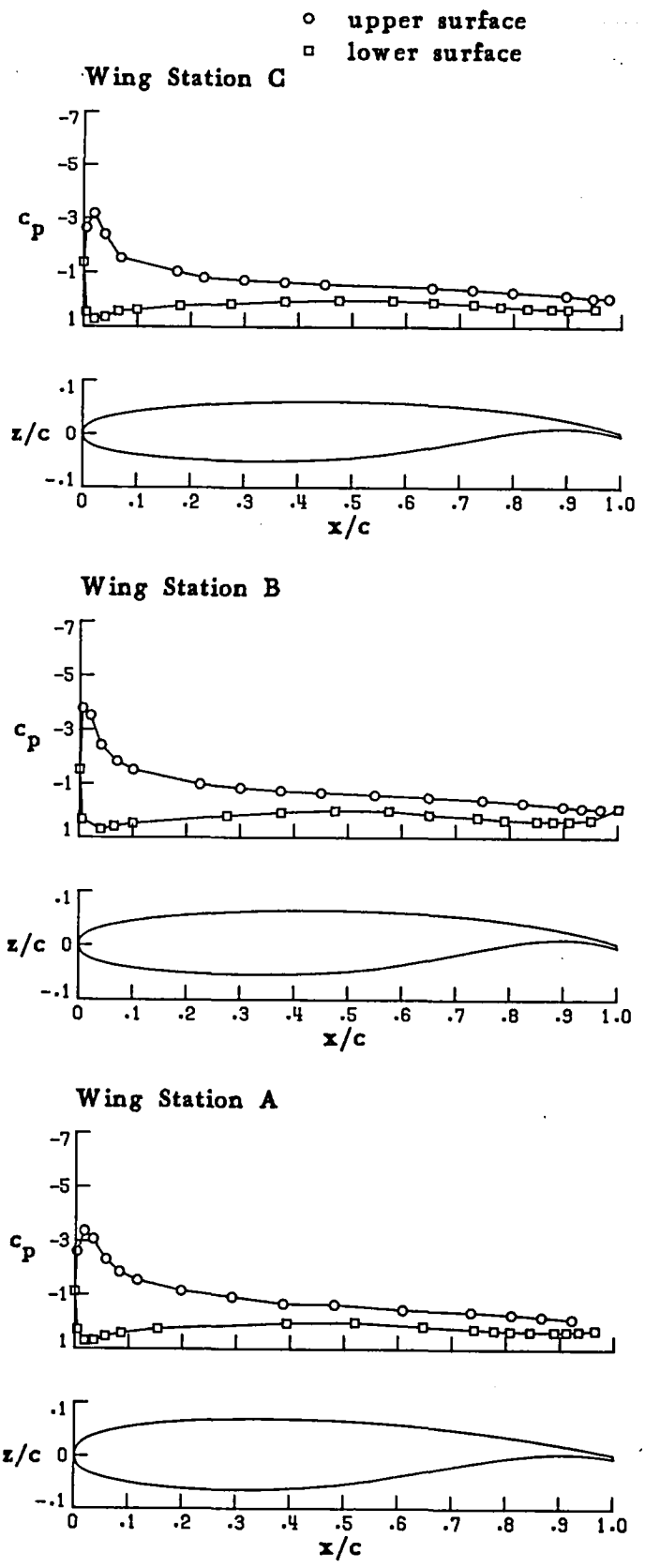
(b) α = .13

FIGURE 12. CONTINUED.



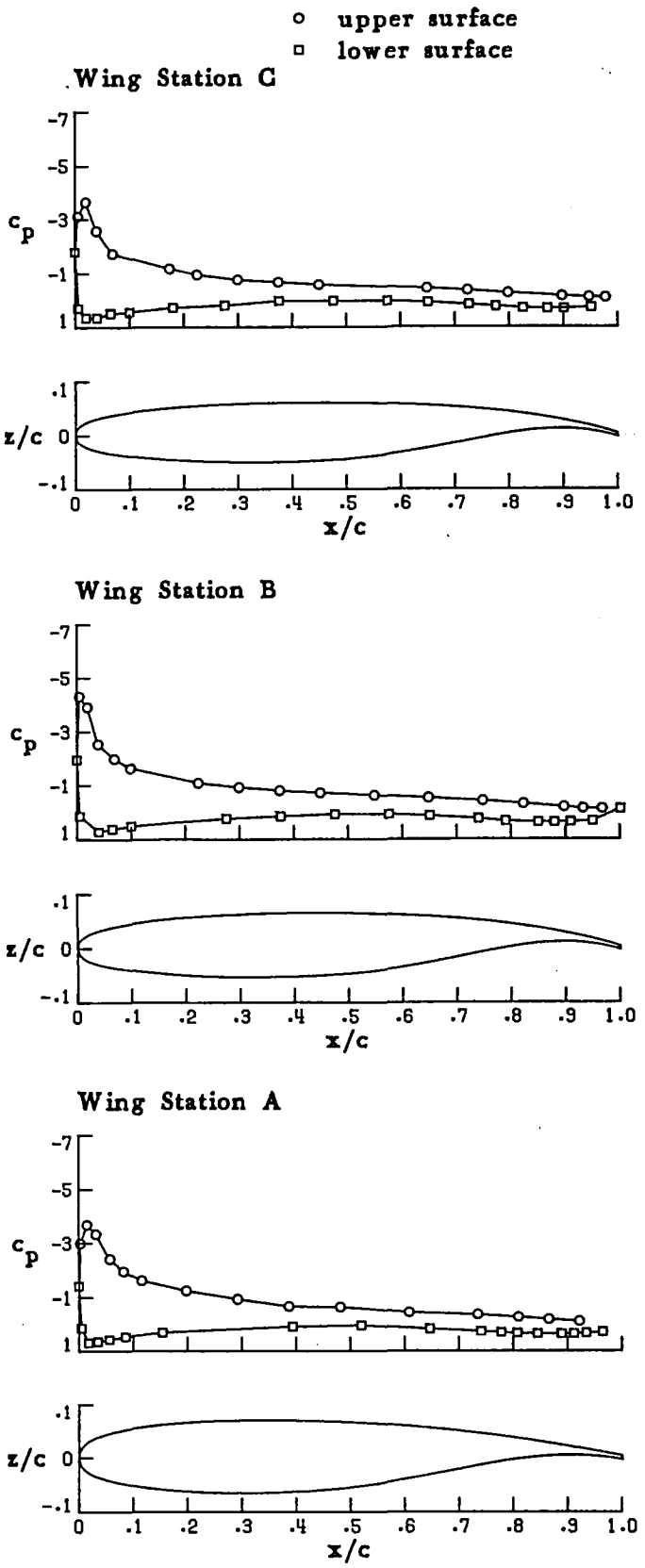
(c) α = 424

FIGURE 12. CONTINUED.



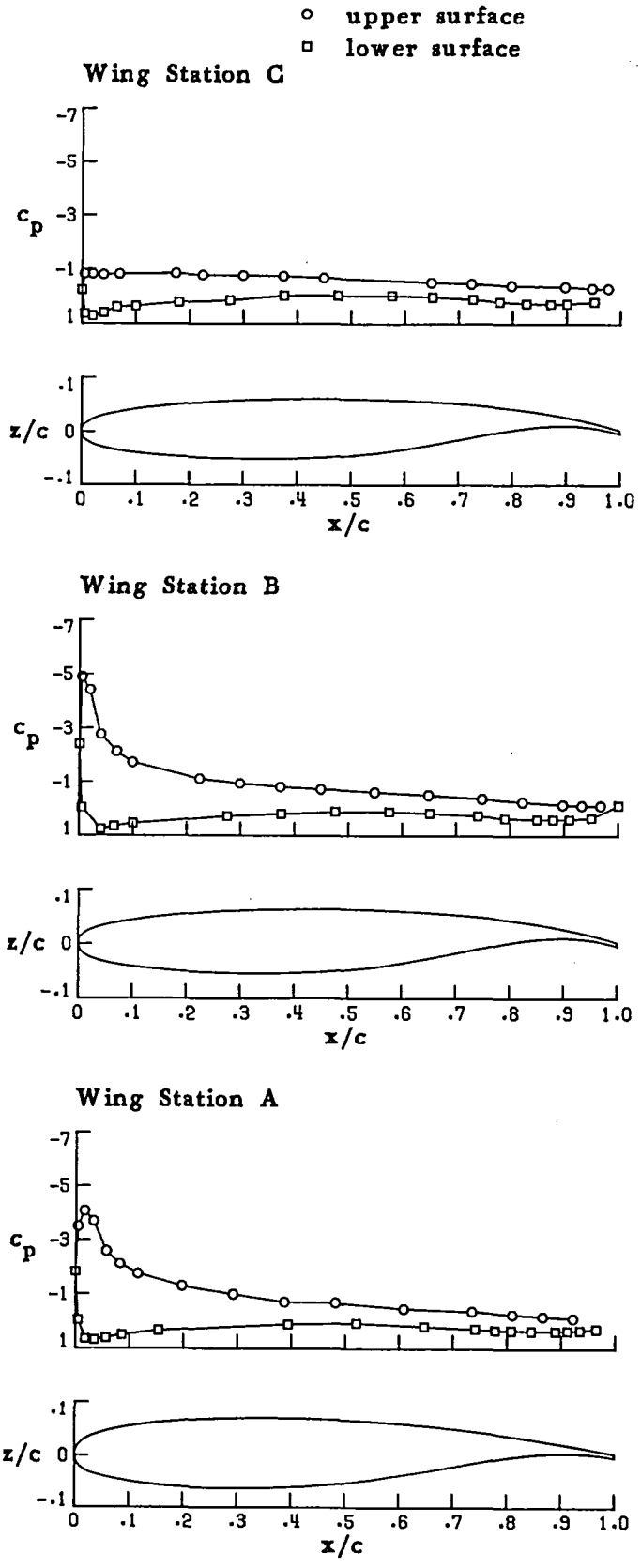
(d) α = 8.45

FIGURE 12. CONTINUED.



(e) α = 9.34

FIGURE 12. CONTINUED.

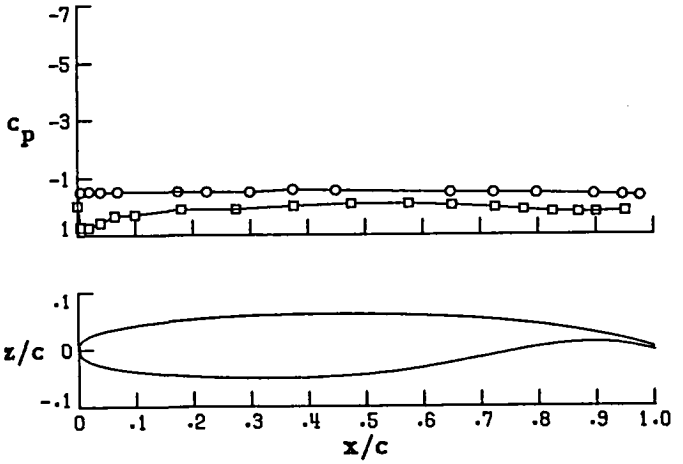


(f) α = 10.33

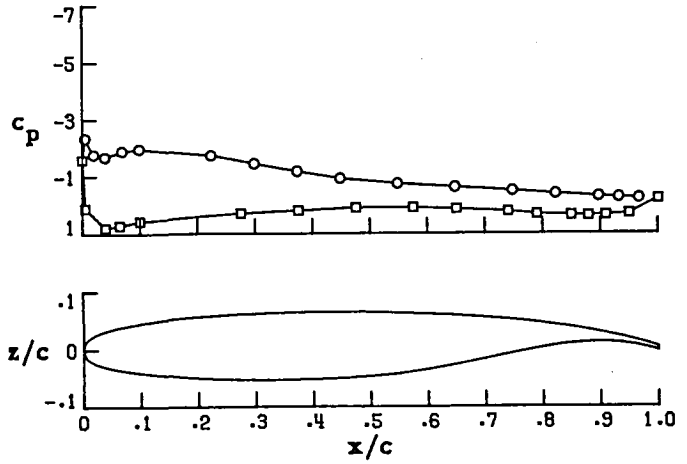
FIGURE 12. CONTINUED.

○ upper surface
□ lower surface

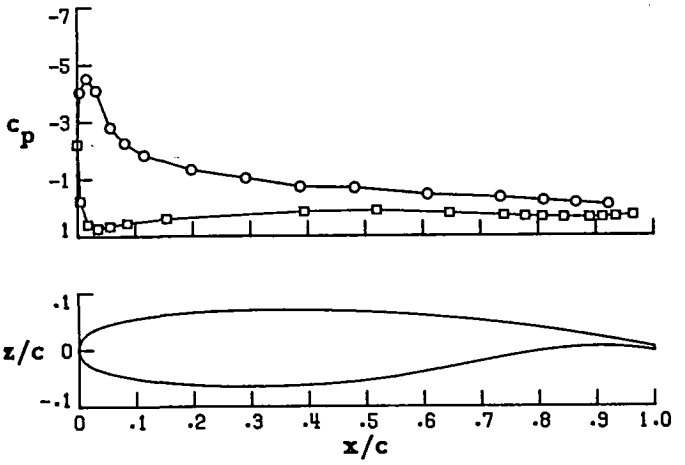
Wing Station C



Wing Station B

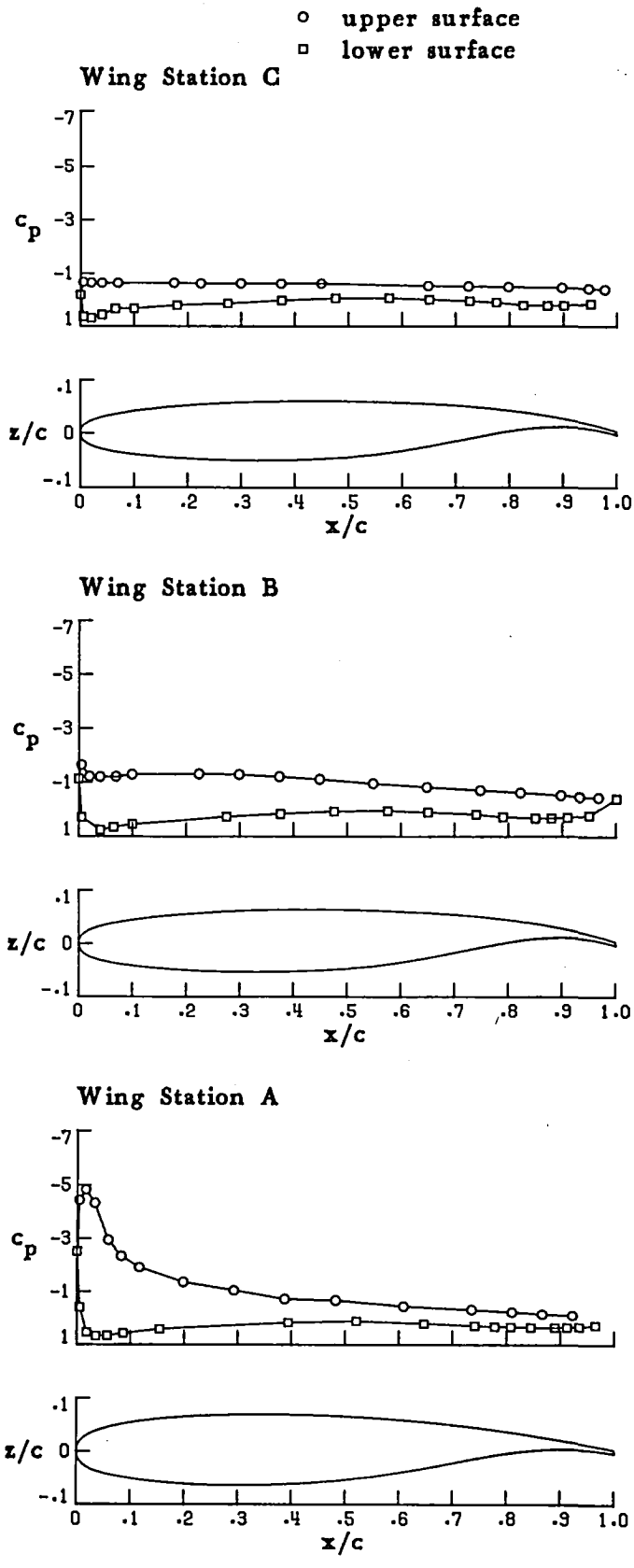


Wing Station A



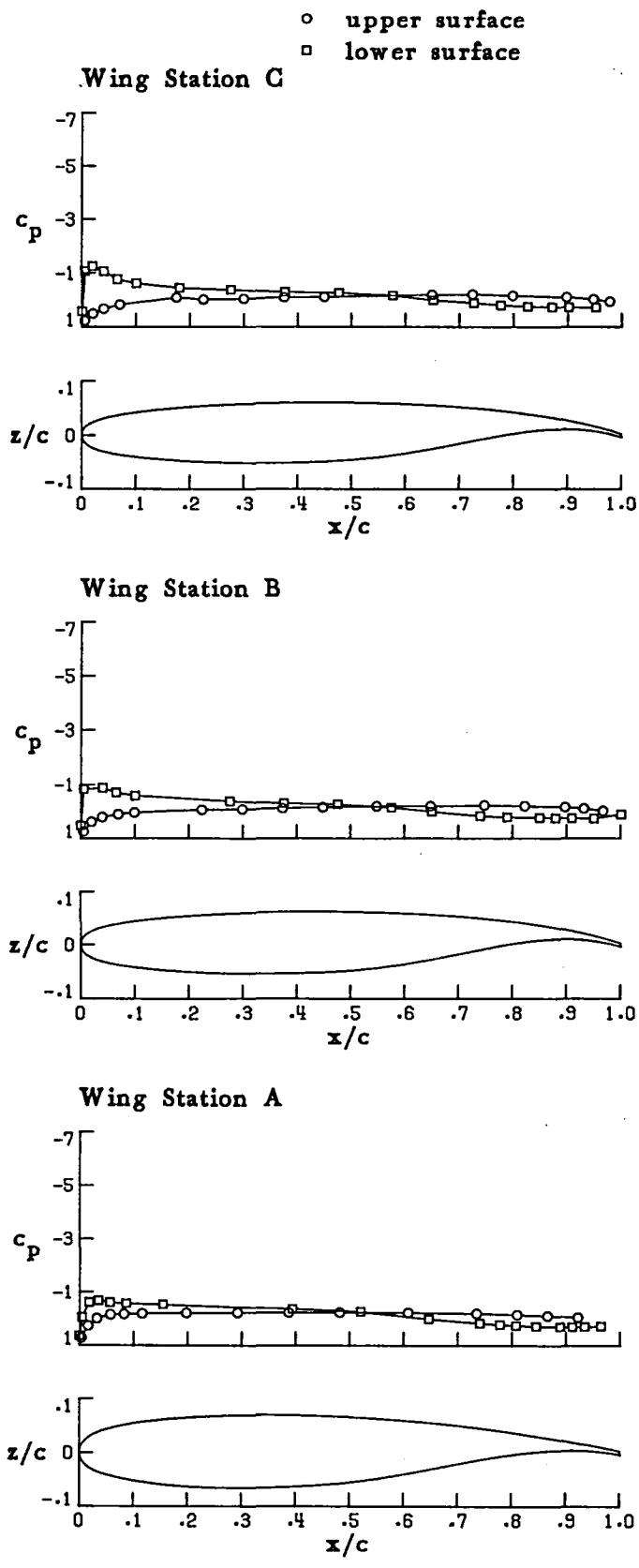
(g) α = 11.33

FIGURE 12. - CONTINUED.



(h) α = 12.38

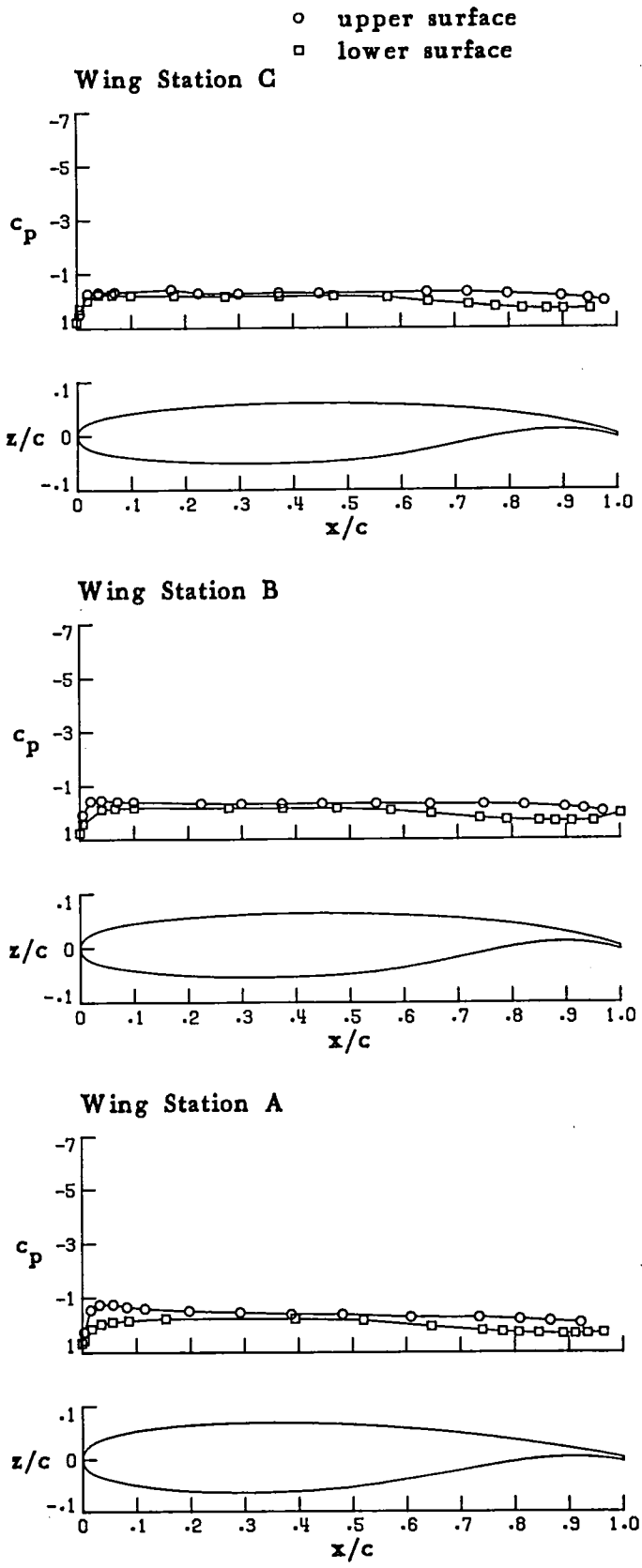
FIGURE 12 . CONCLUDED.



(a) α = -4.11

FIGURE 13. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 11.

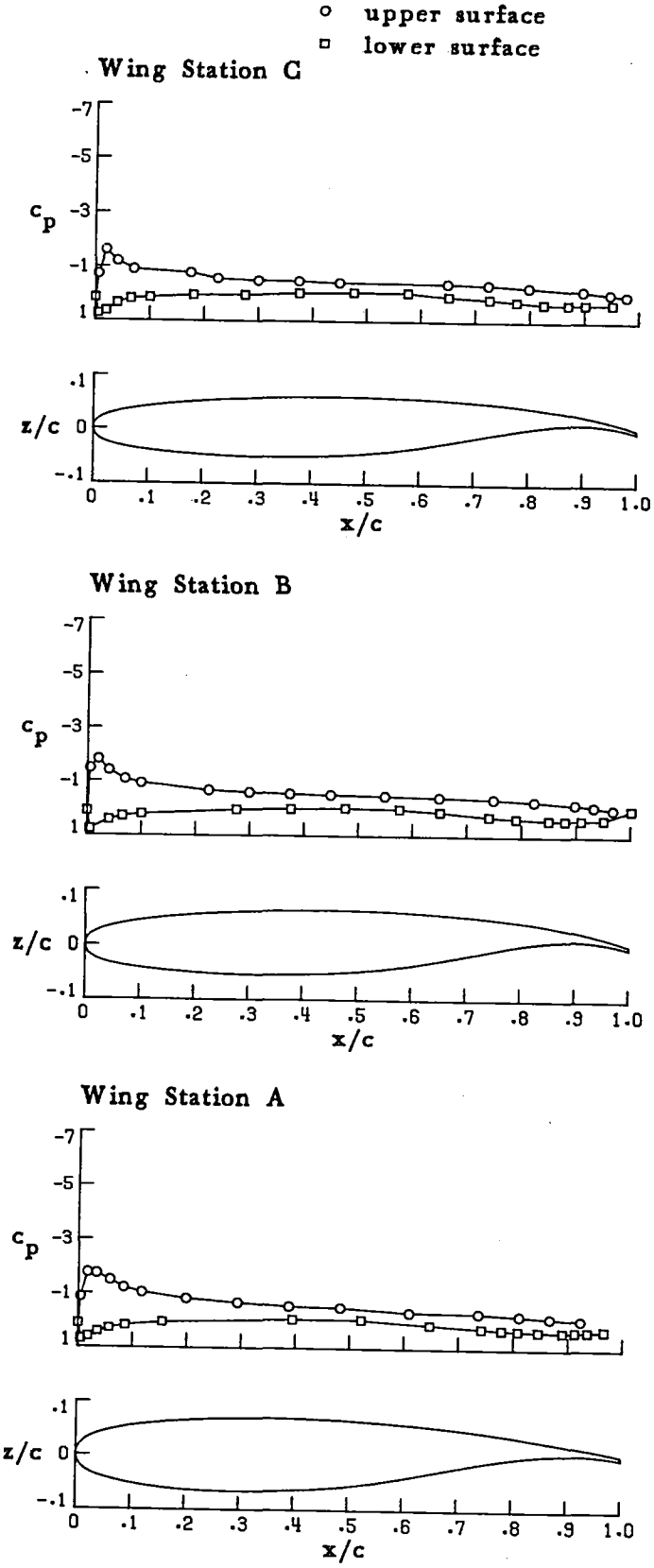
TEST = 498 RUN = 11 POINT = 12



(b) α = -.16

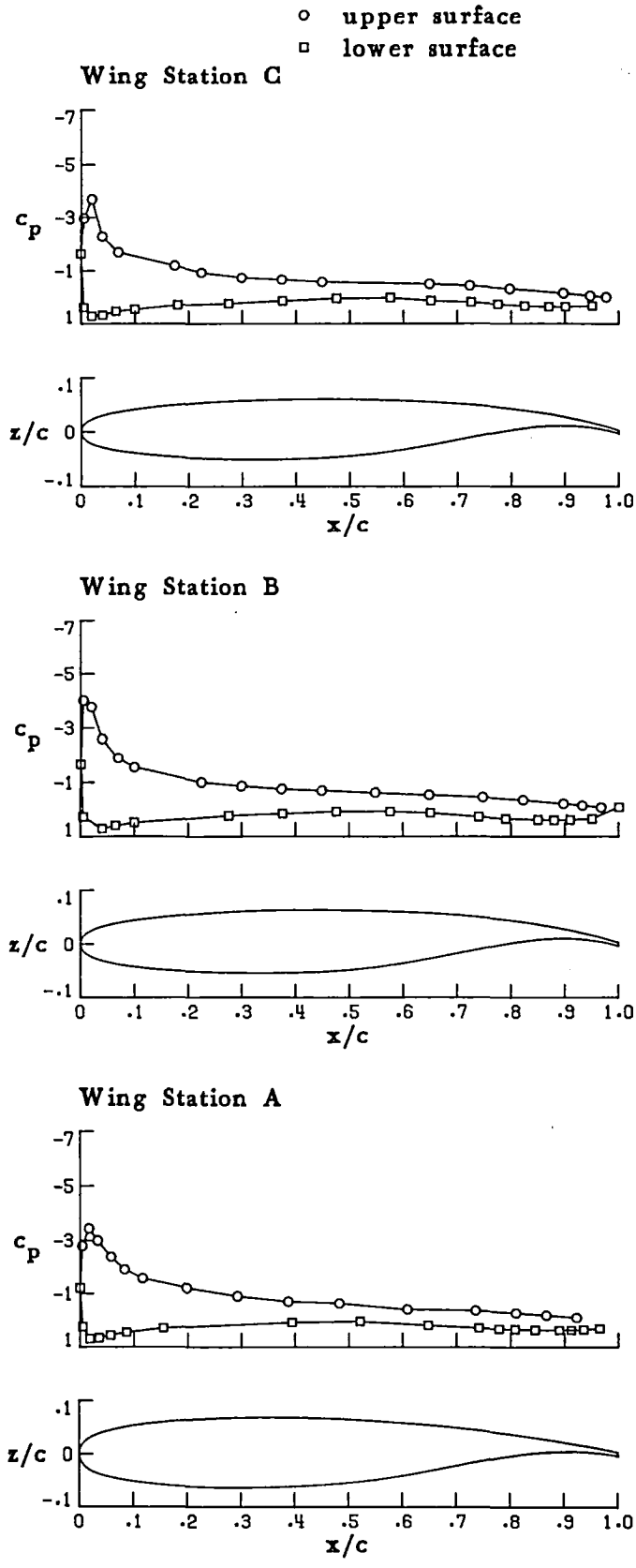
FIGURE 13. CONTINUED.

TEST = 498 RUN = 11 POINT = 14



(c) α = 4.19

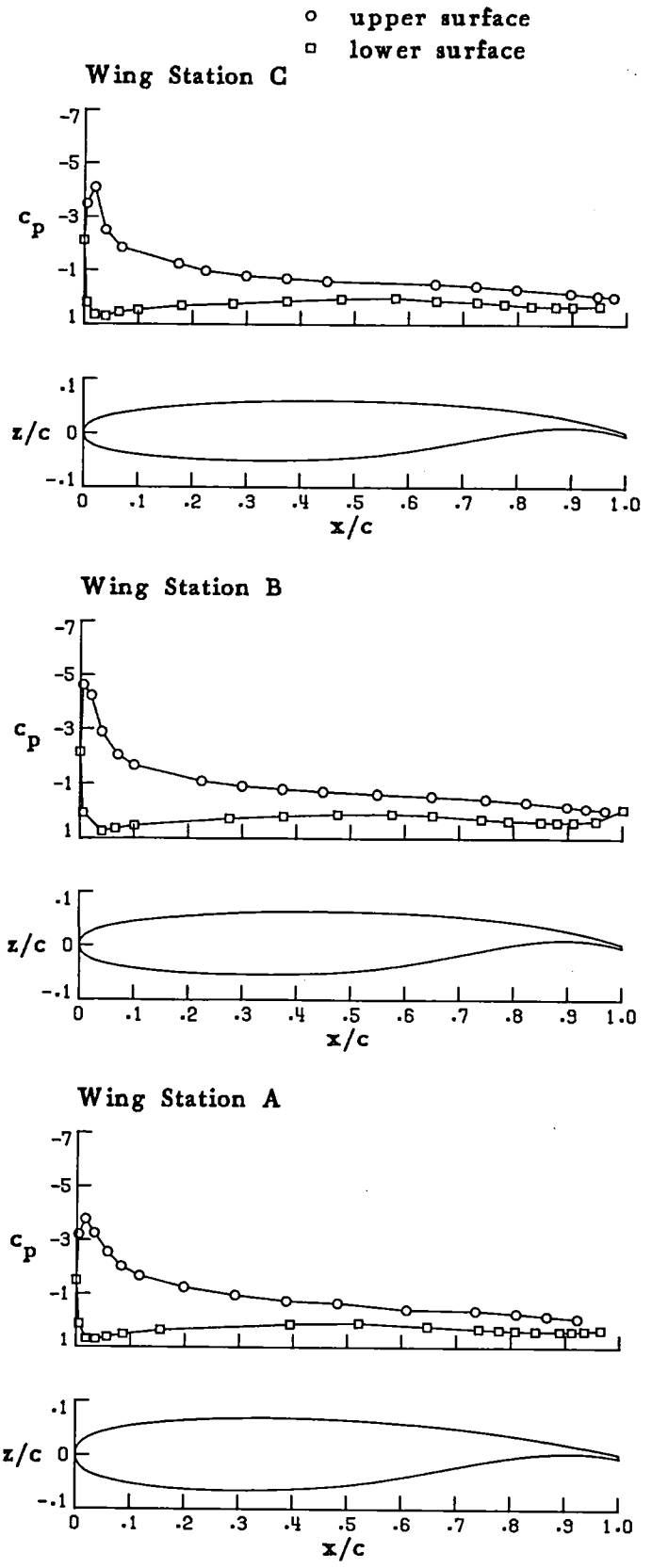
FIGURE 13. CONTINUED.



(d) α = 8.63

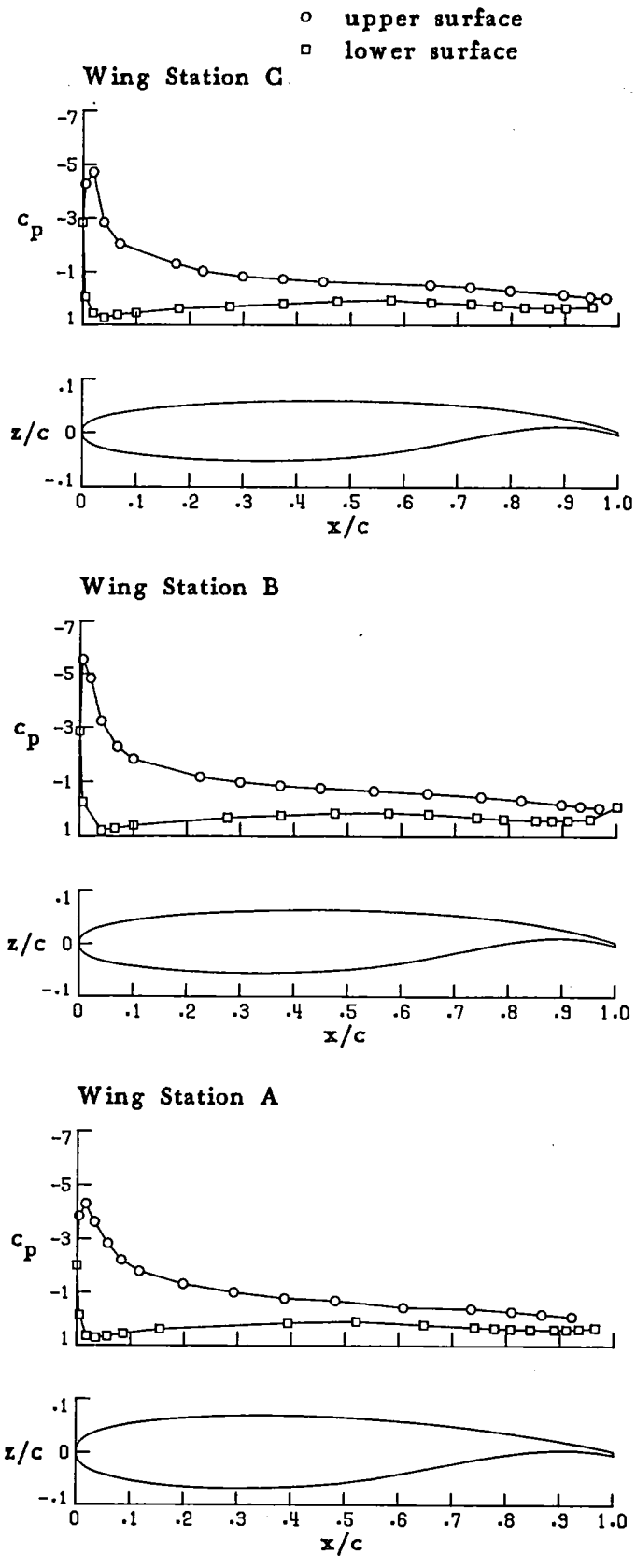
FIGURE 13. CONTINUED.

TEST = 436 RUN = 11 POINT = 18



(e) α = 9.46

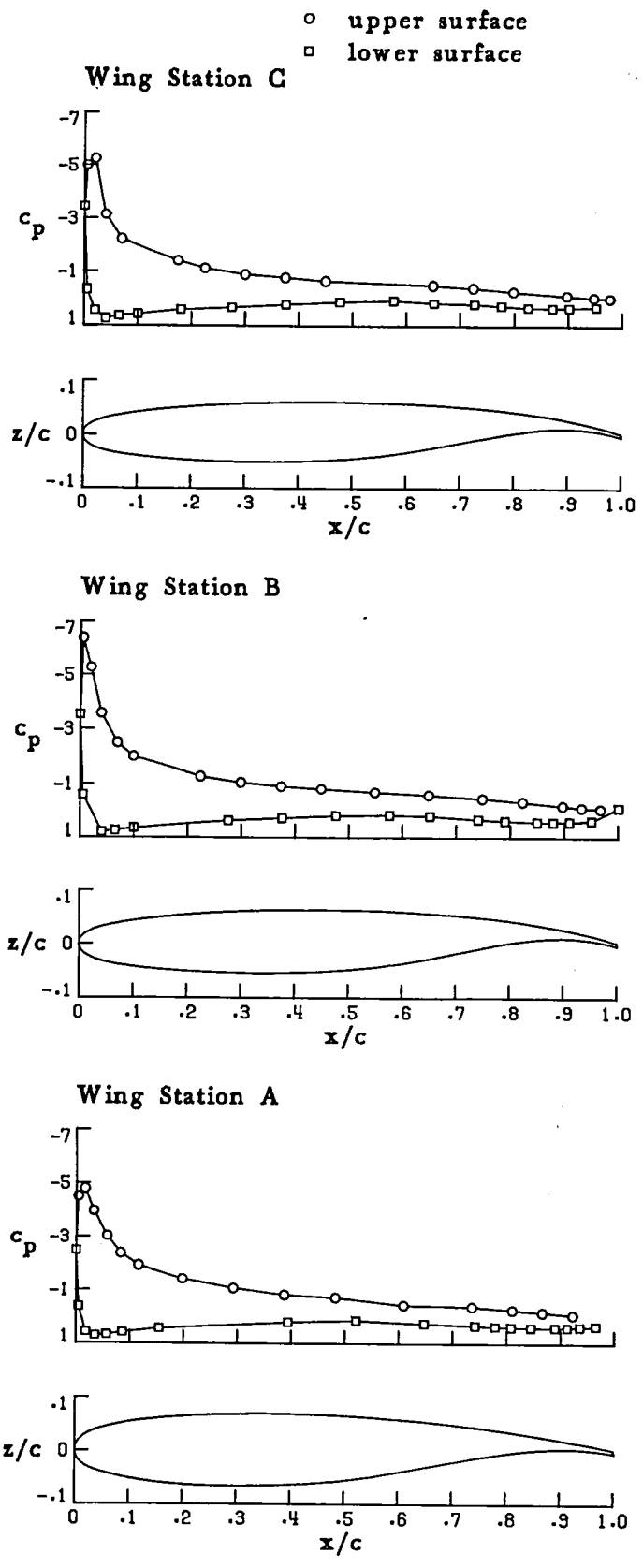
FIGURE 13. CONTINUED.



(f) α = 10.60

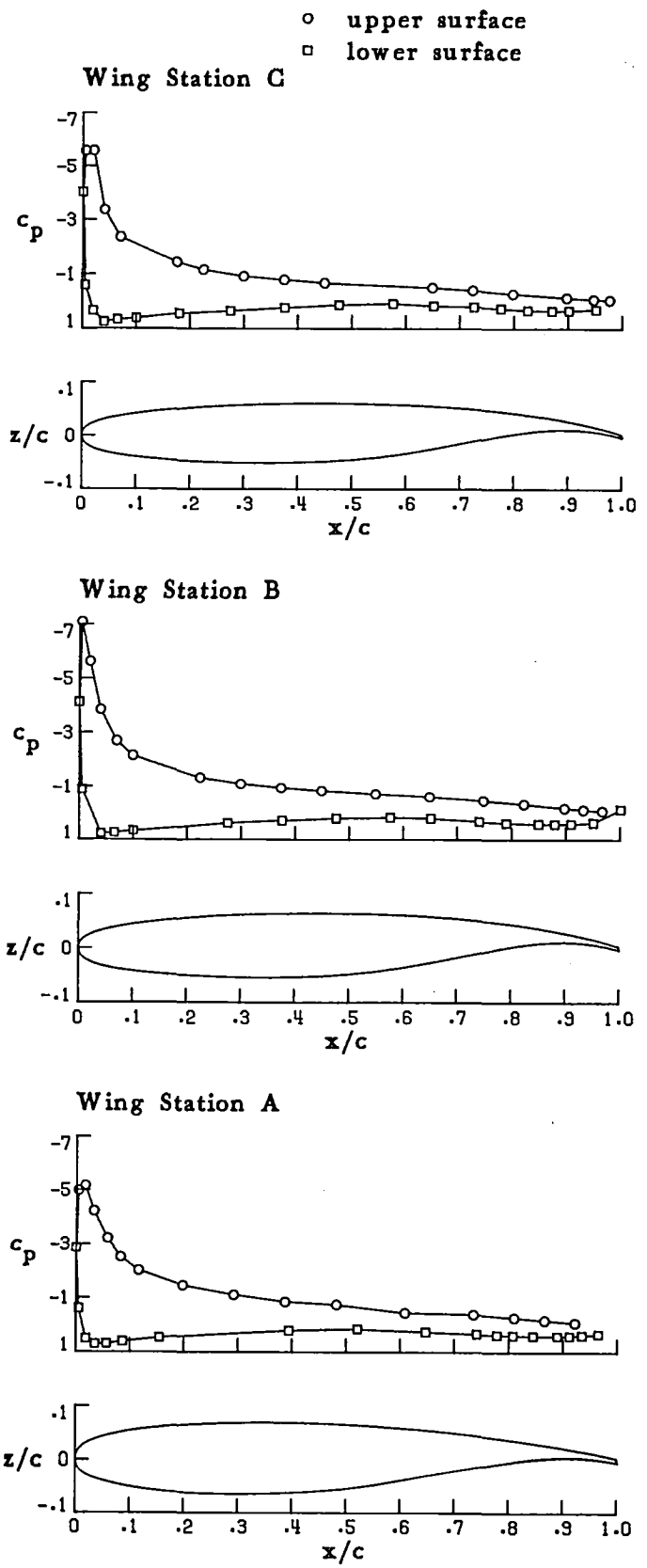
FIGURE 13. CONTINUED.

TEST = 496 RUN = 11 POINT = 20



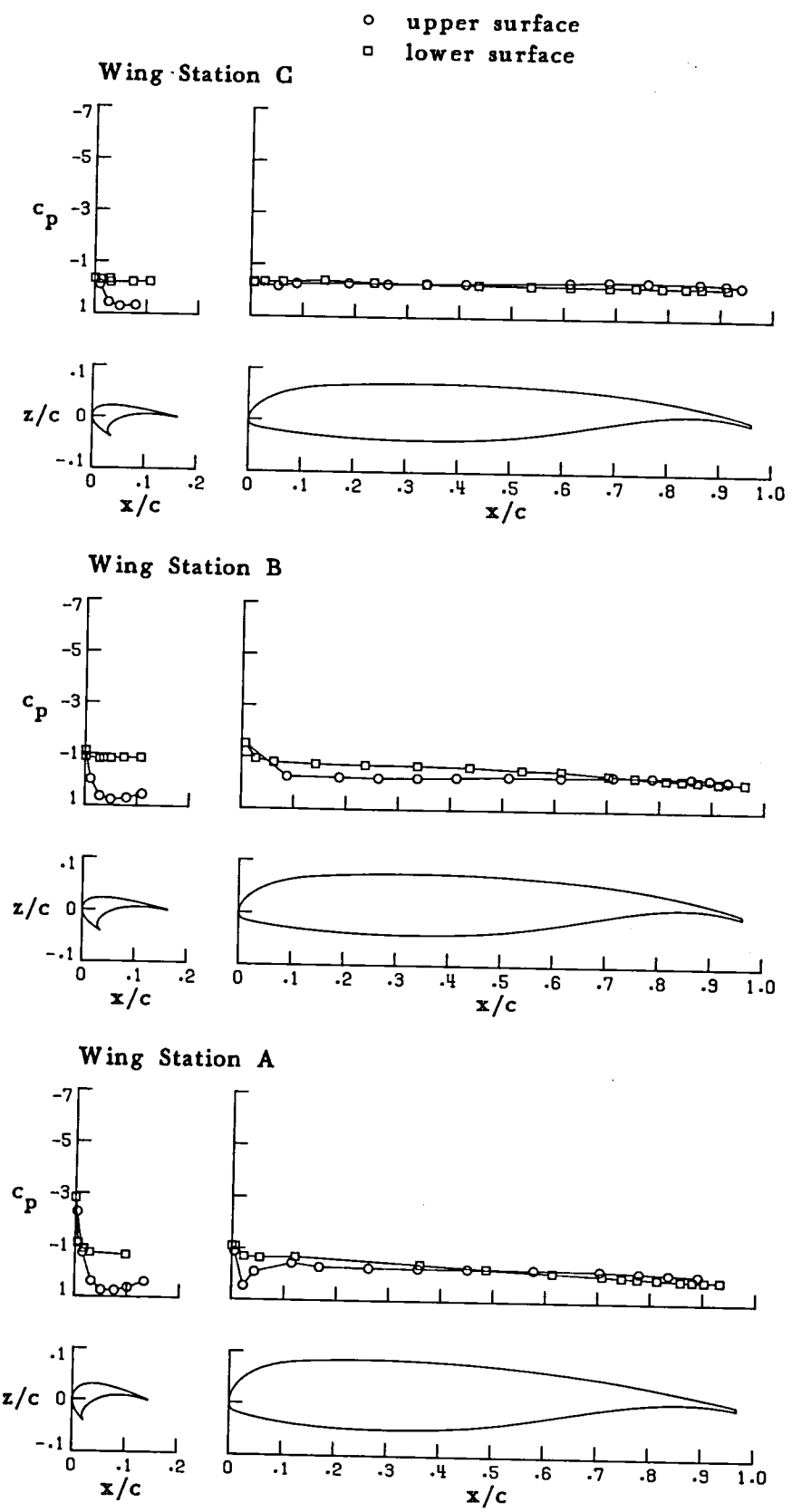
(g) α = 11.61

FIGURE 13. CONTINUED.



(h) α = 12.50

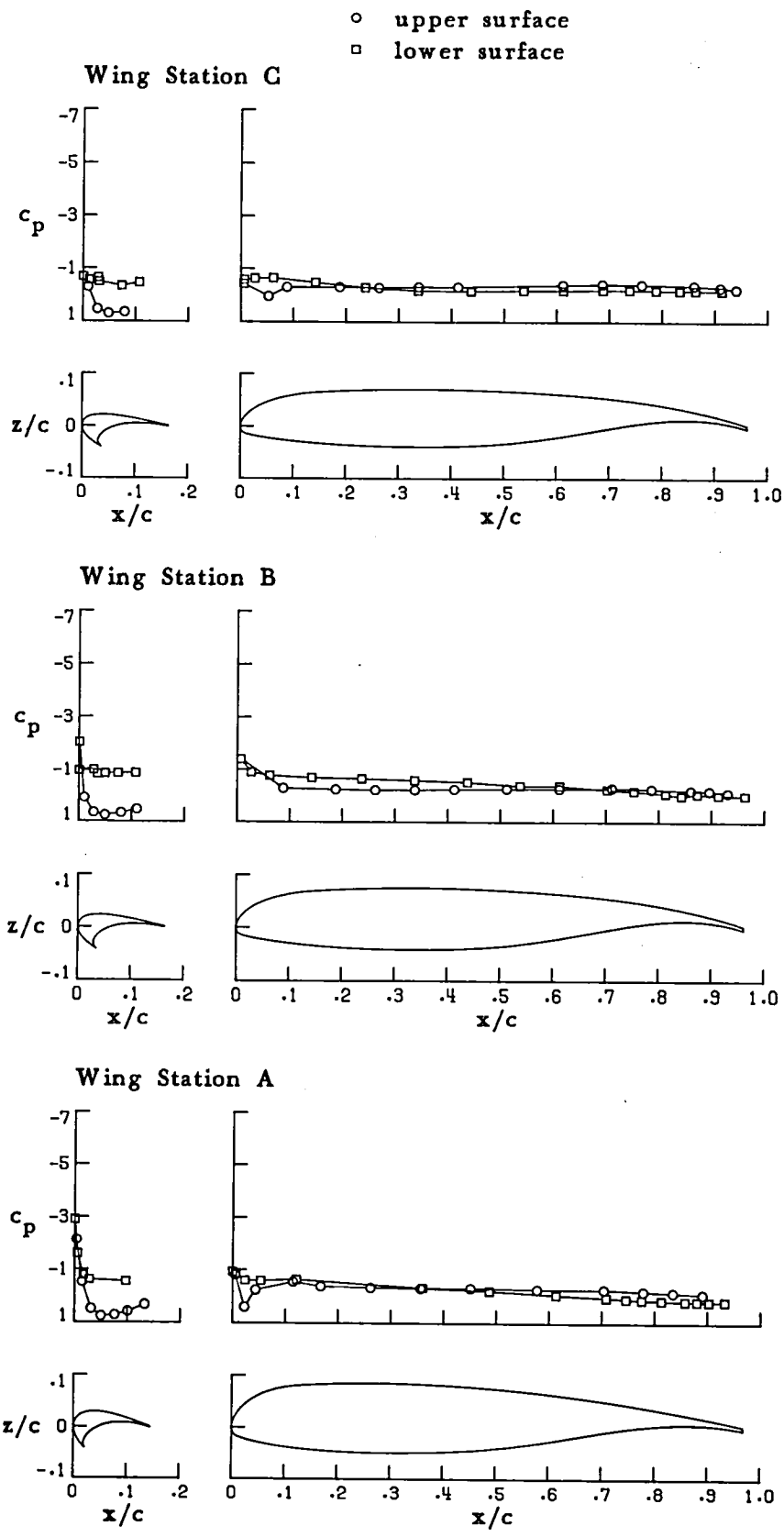
FIGURE 13. CONCLUDED.



(a) α = -5.58

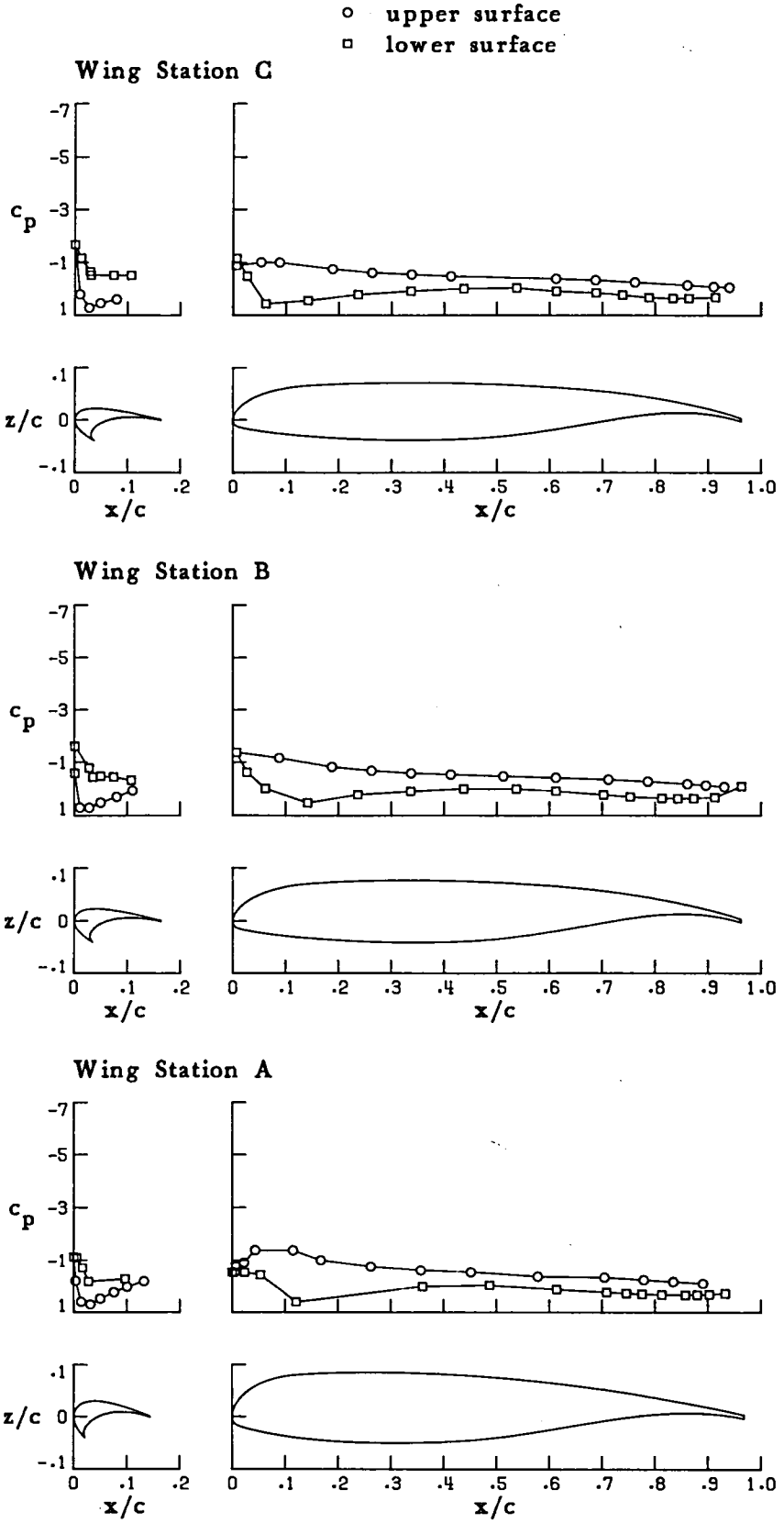
FIGURE 14. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 40.

TEST = 436 RUN = 40 POINT = 3



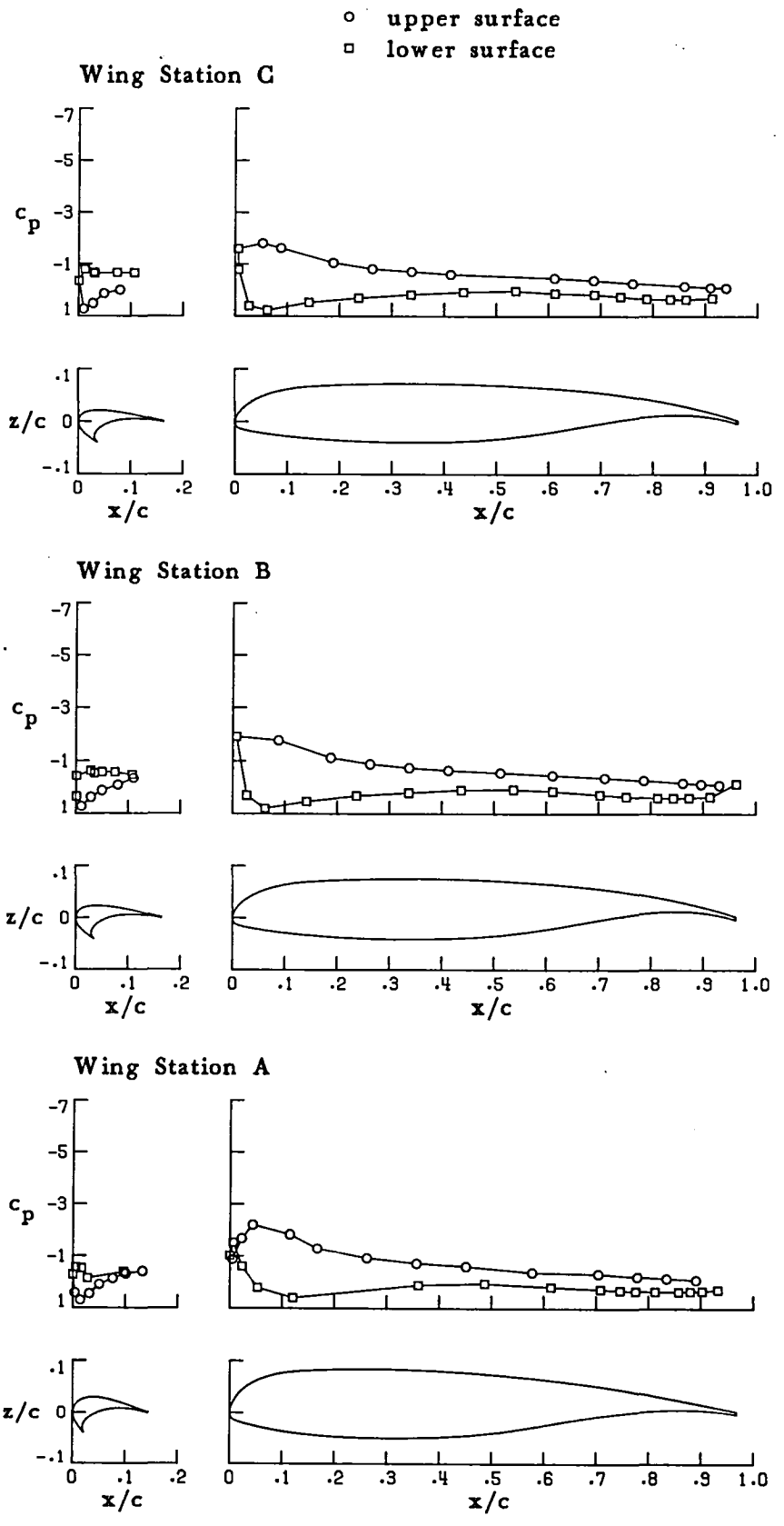
(b) α = -4.28

FIGURE 14. CONTINUED.



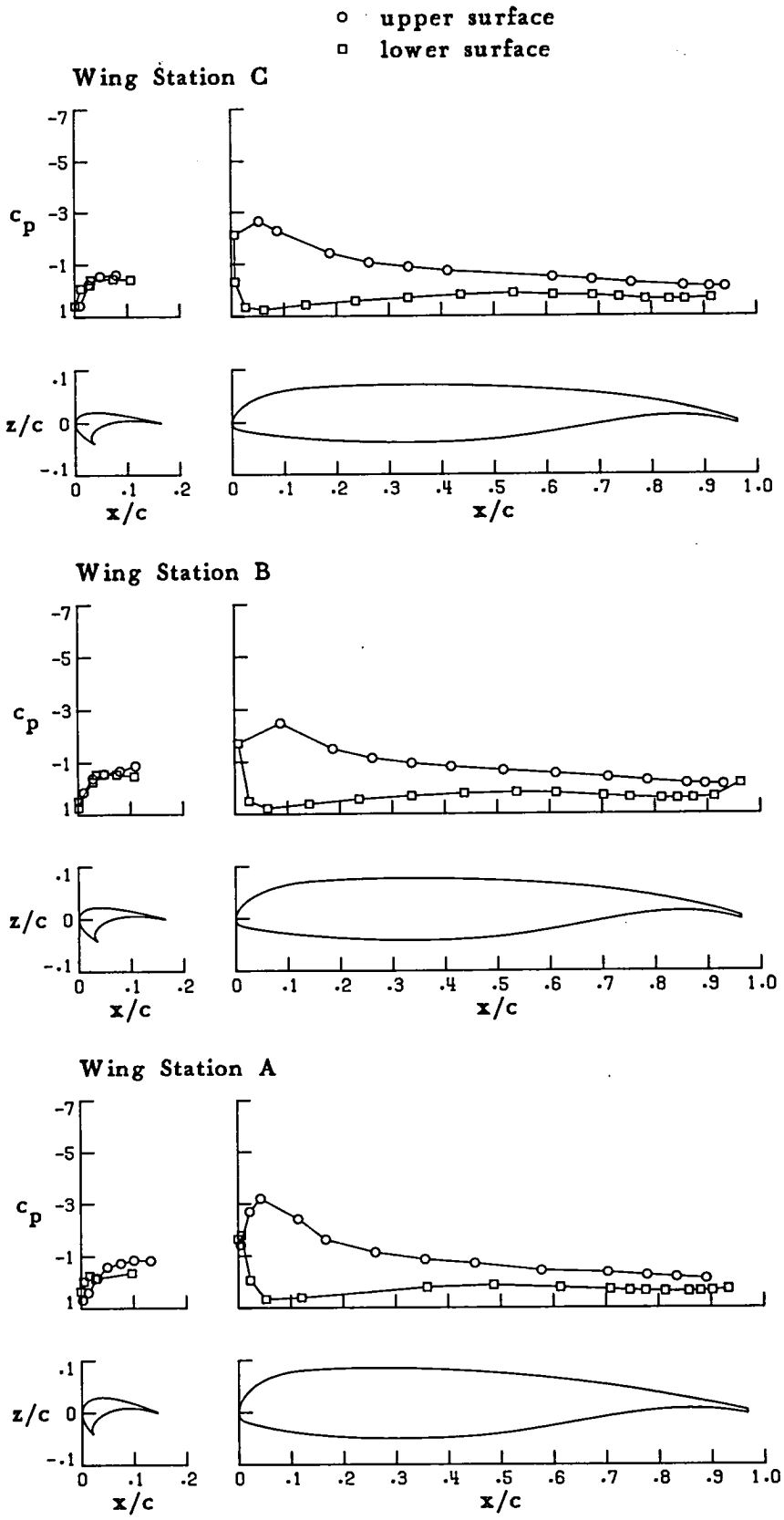
(c) α = 4.34

FIGURE 14. CONTINUED.



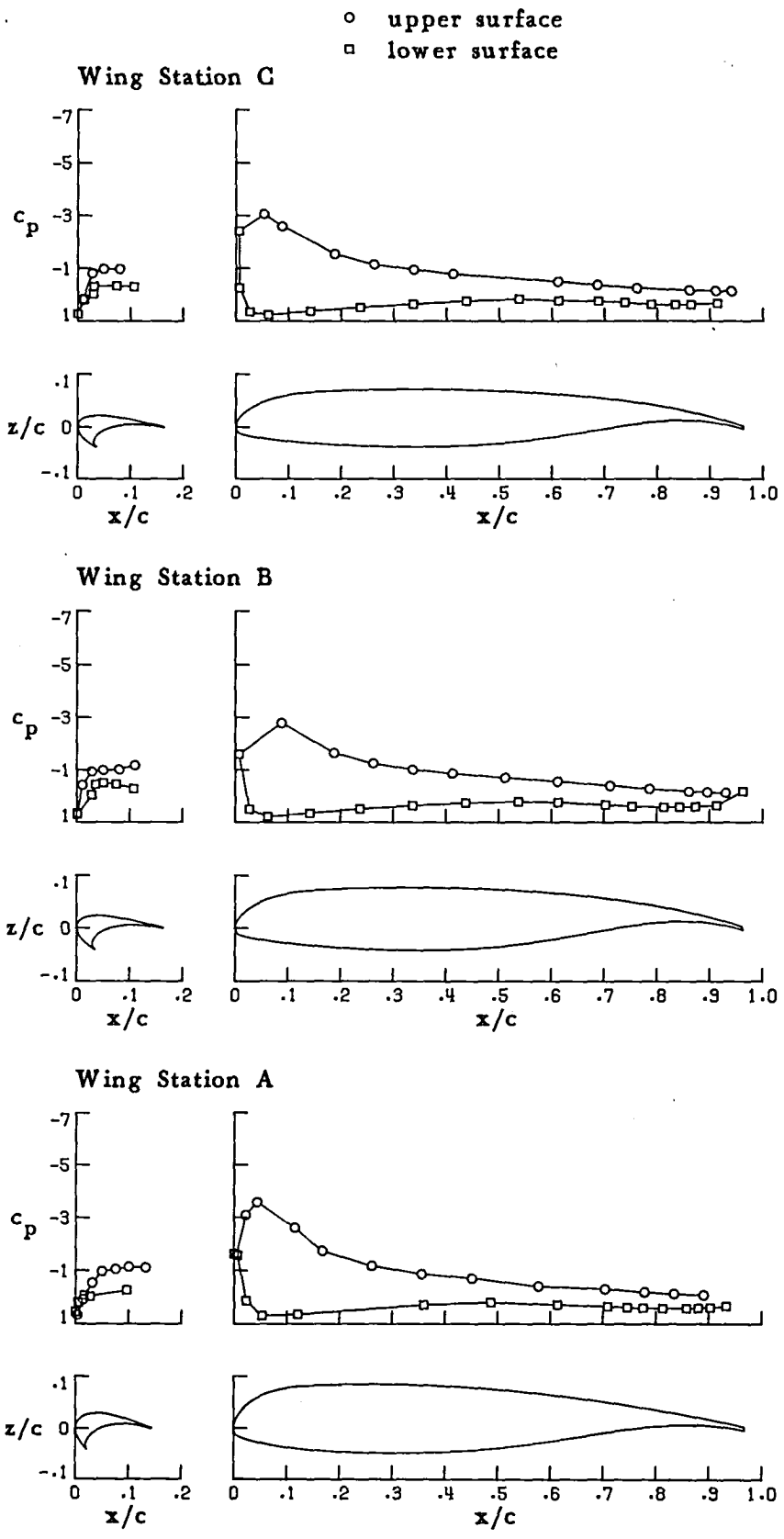
(d) α = 8.44

FIGURE 14. CONTINUED.



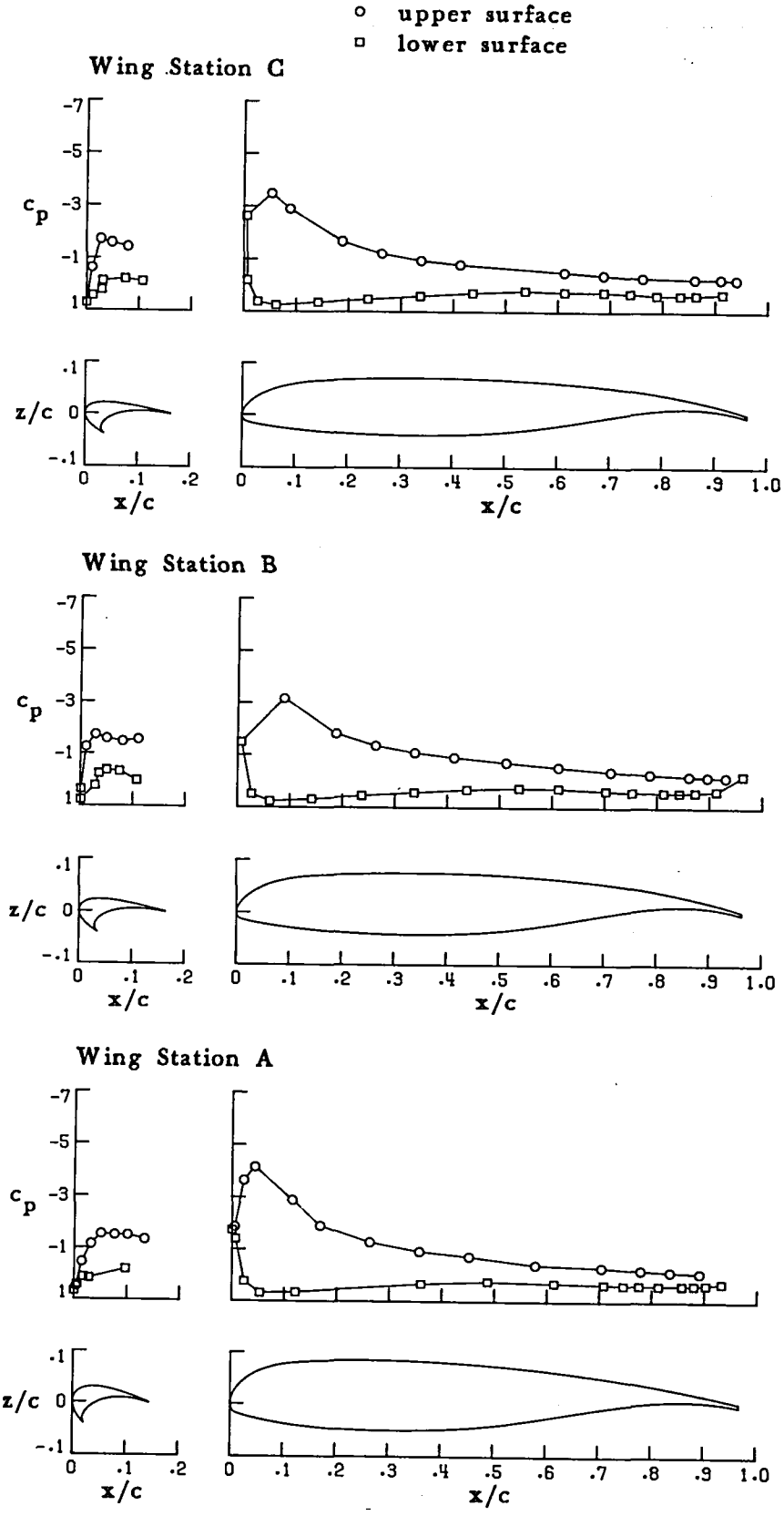
(e) α = 12.46

FIGURE 14. CONTINUED.



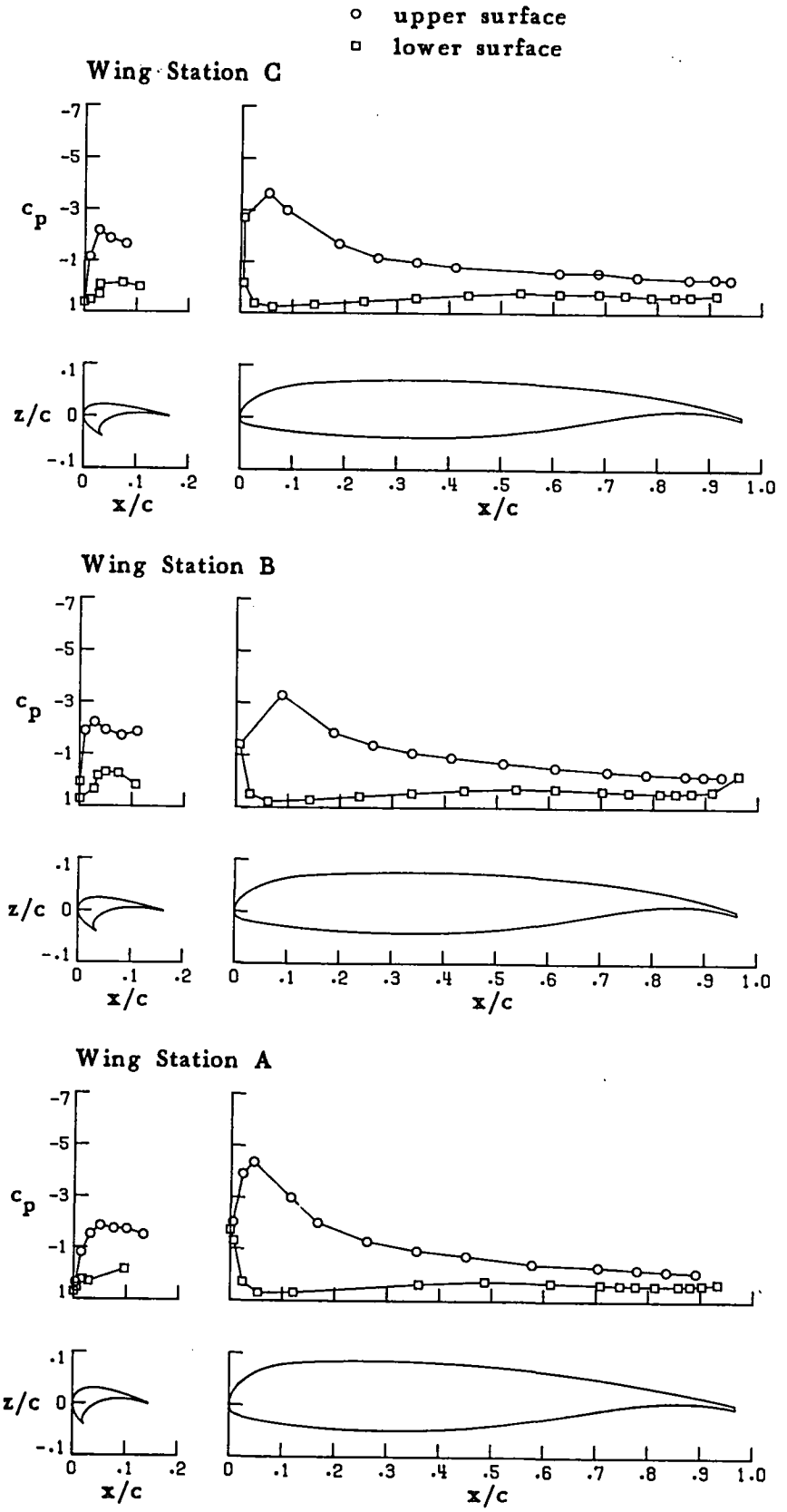
(f) α = 14.48

FIGURE 14. CONTINUED.



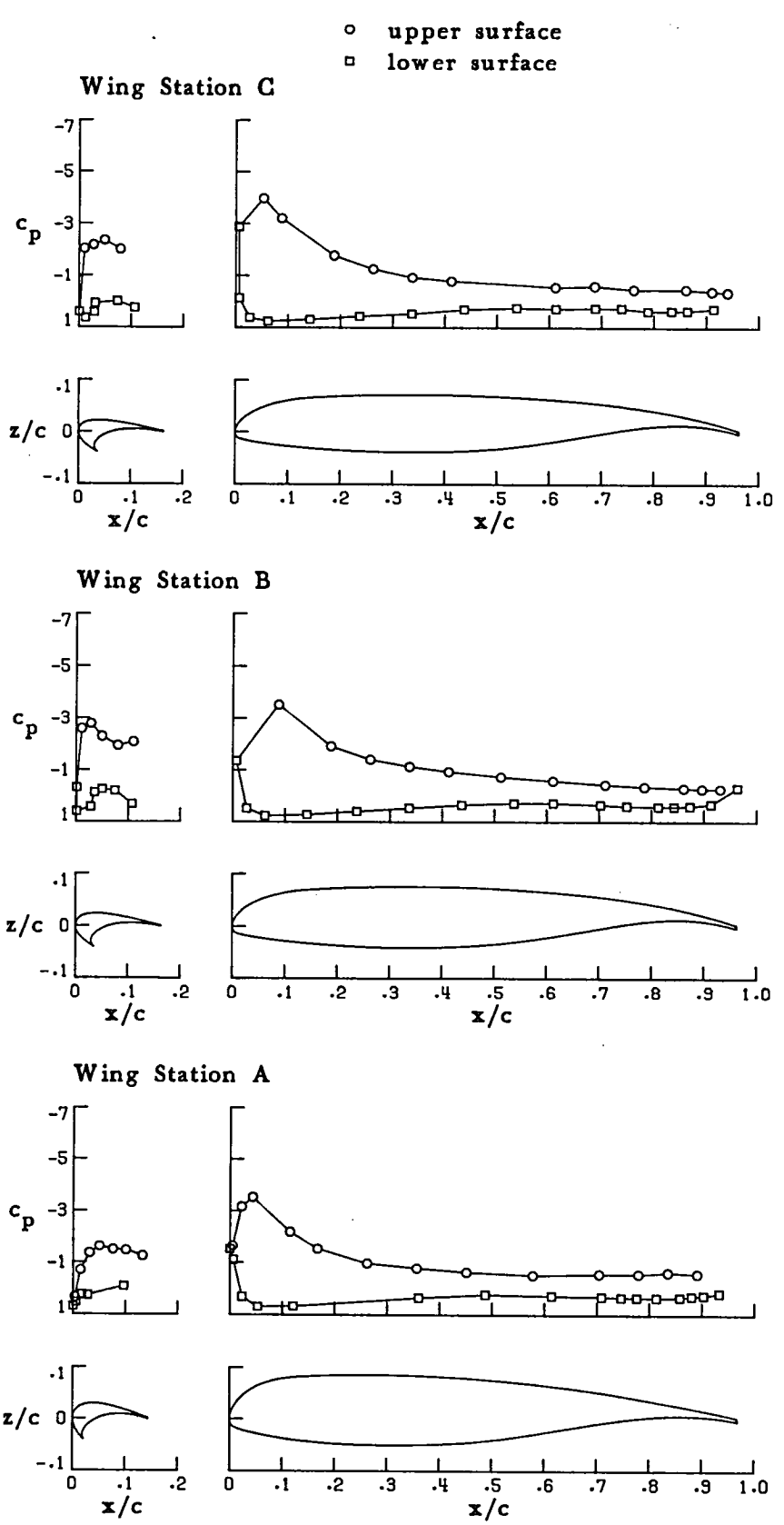
(g) α = 16.97

FIGURE 14. CONTINUED.



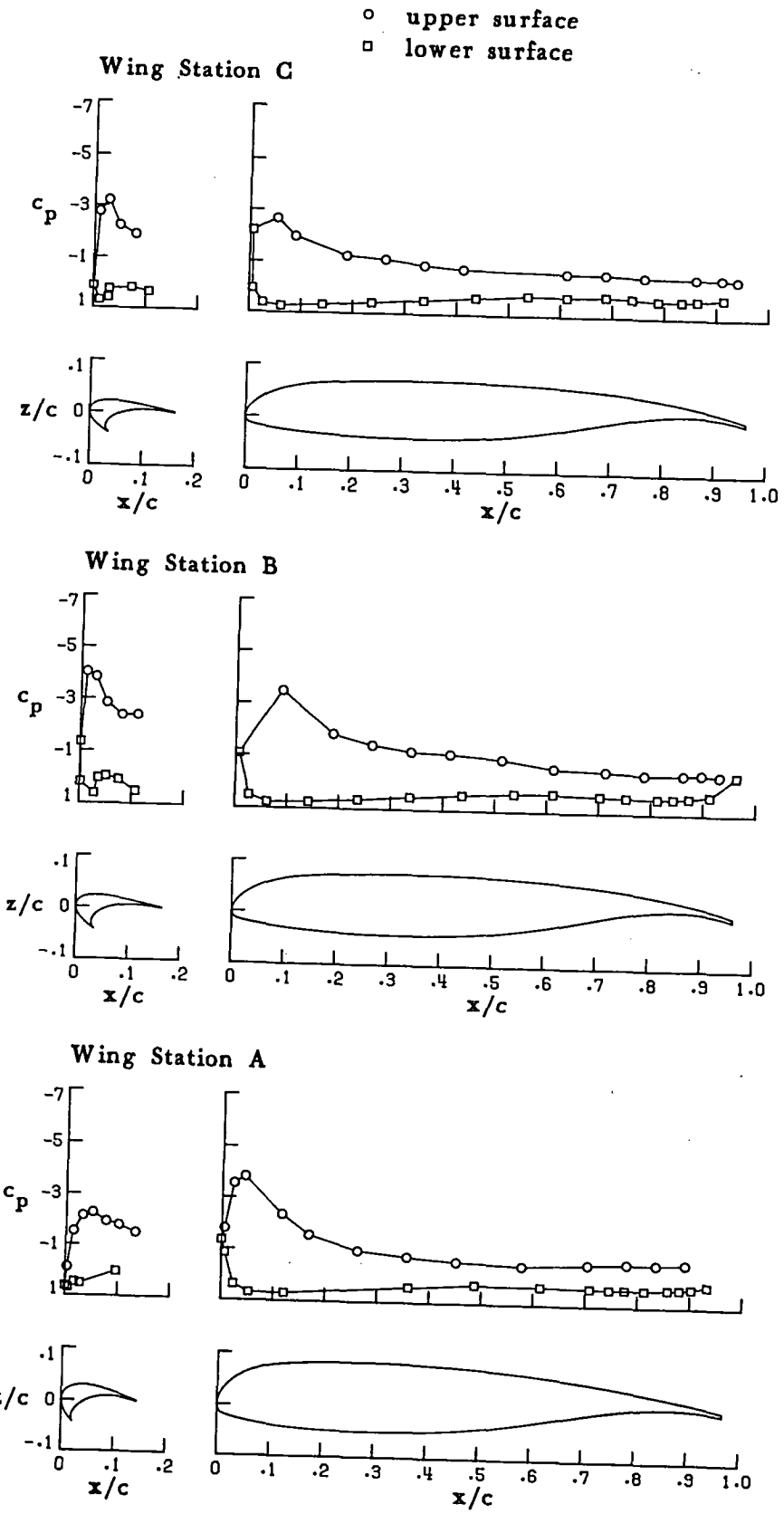
(h) α = 18.55

FIGURE 14. CONTINUED.



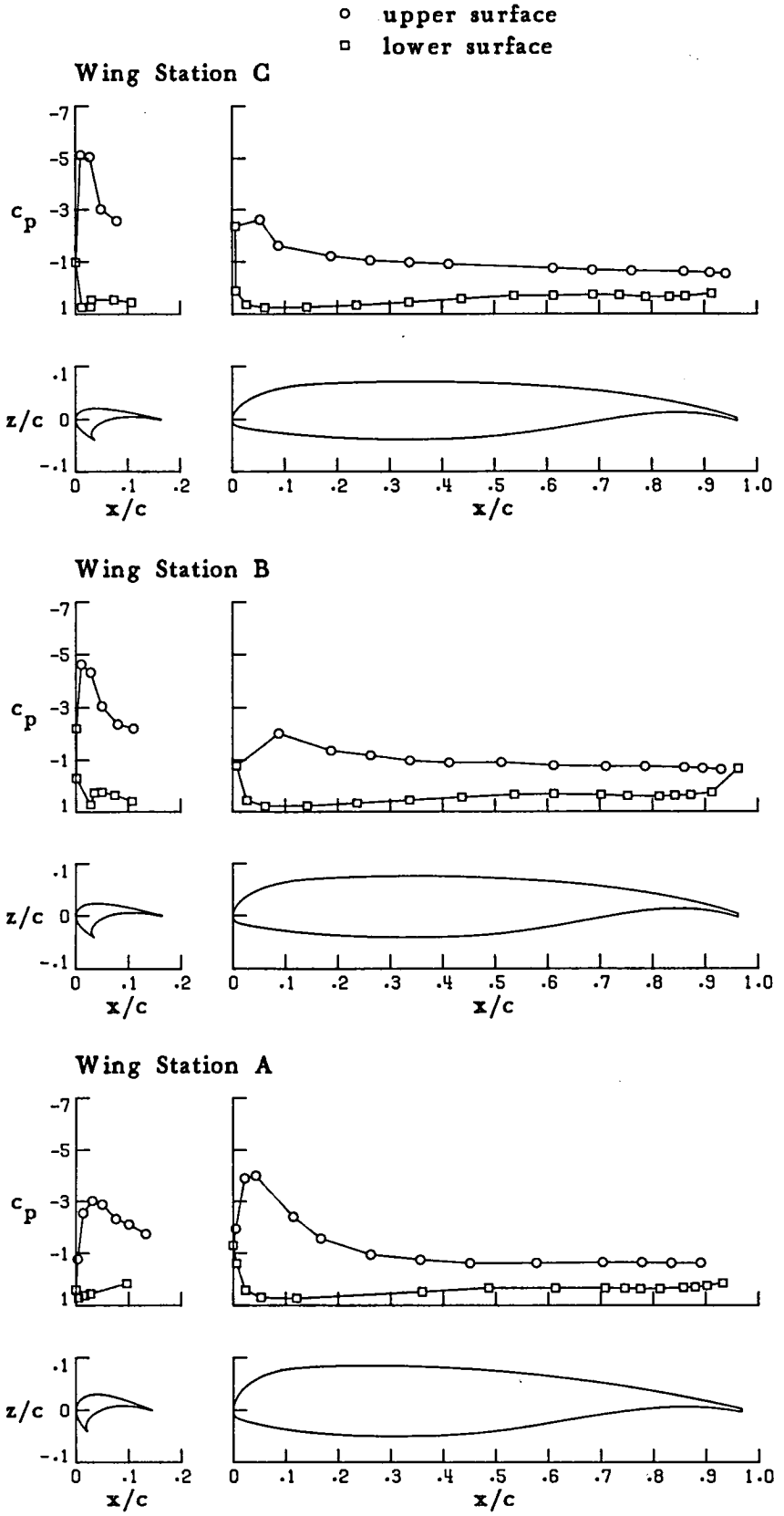
(i) α = 20.89

FIGURE 14. CONTINUED.



(j) α = 24.60

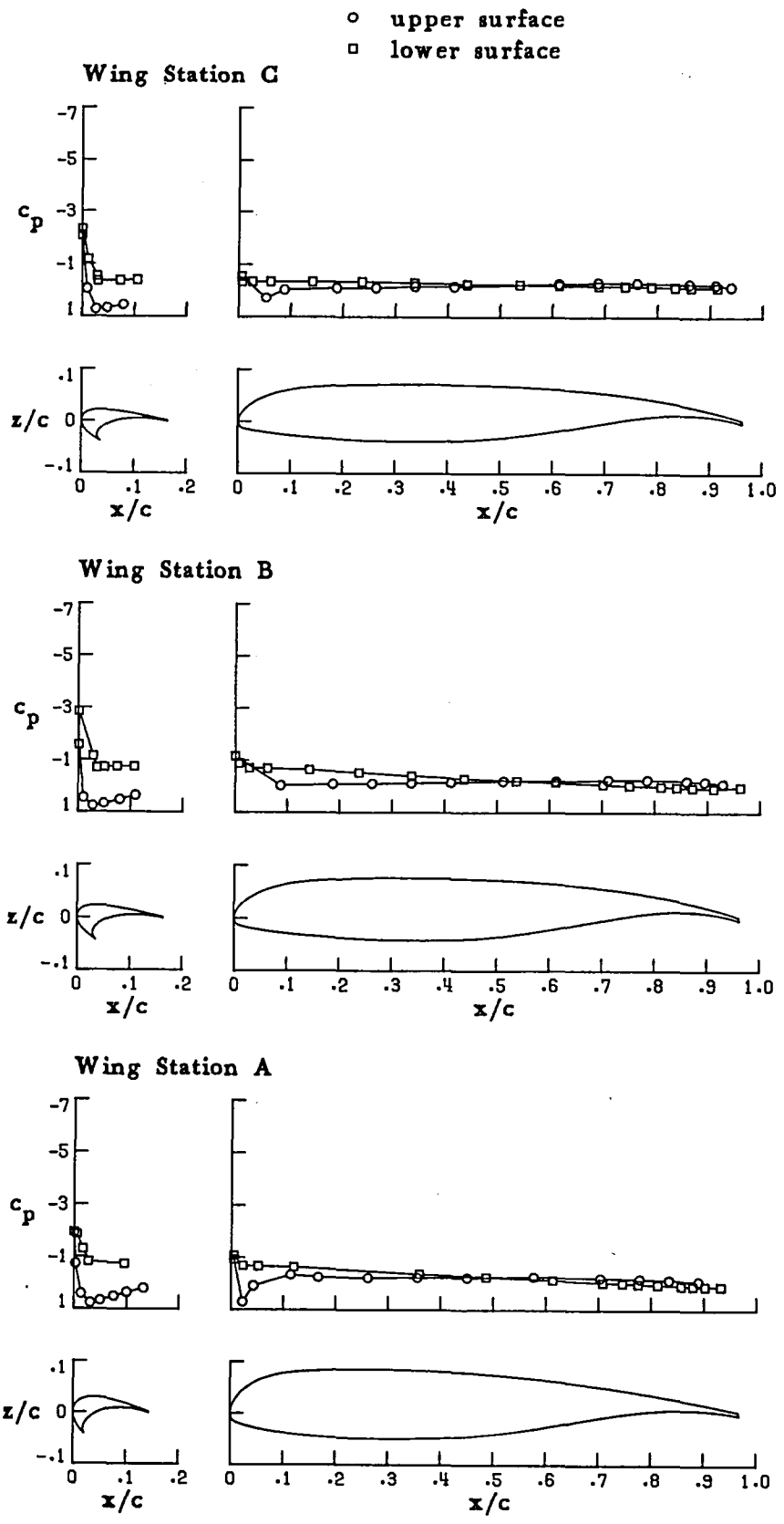
FIGURE 14. CONTINUED.



(k) α = 28.74

FIGURE 14. CONCLUDED.

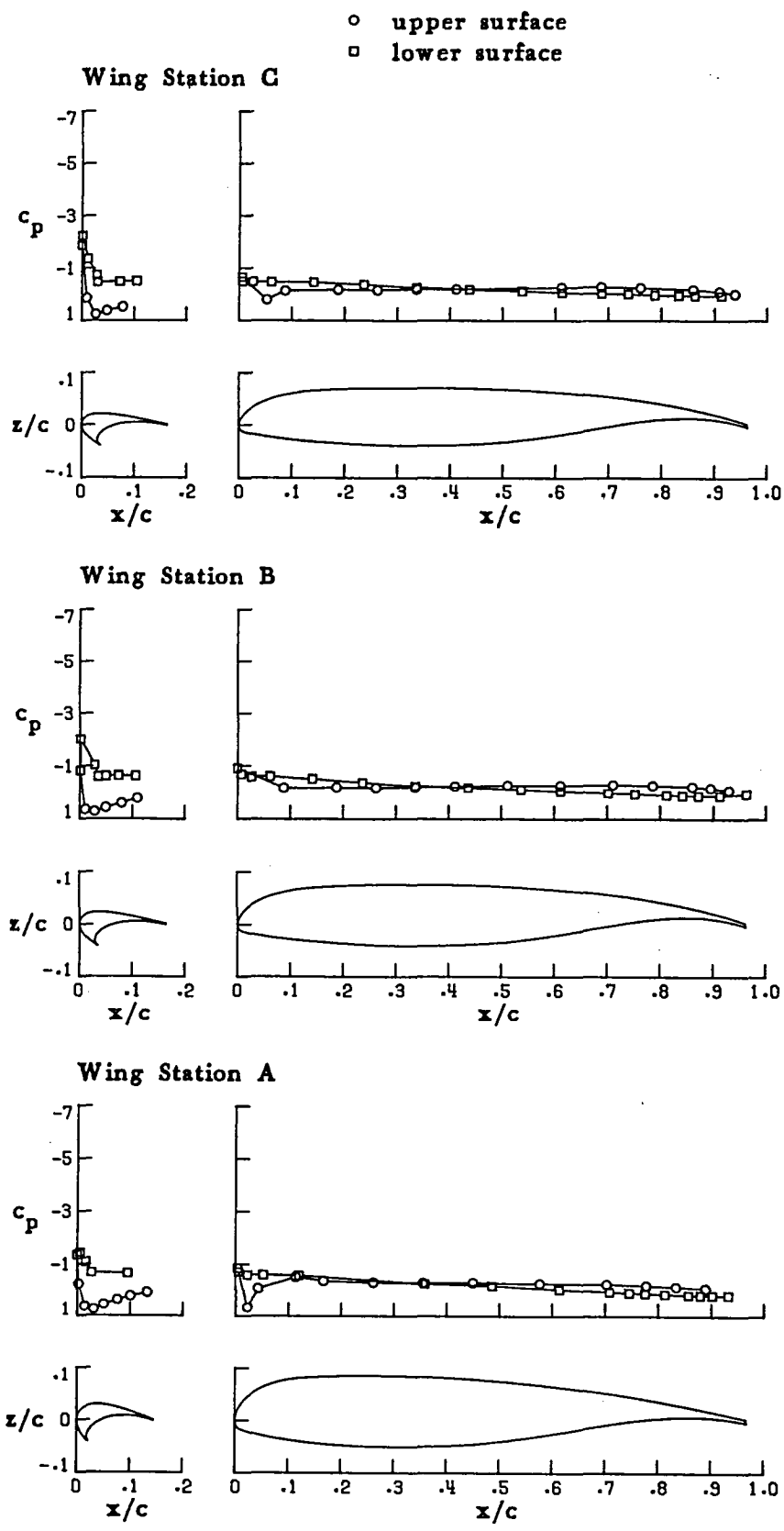
TEST = 456 RUN = 40 POINT = 21



(a) α = -6.18

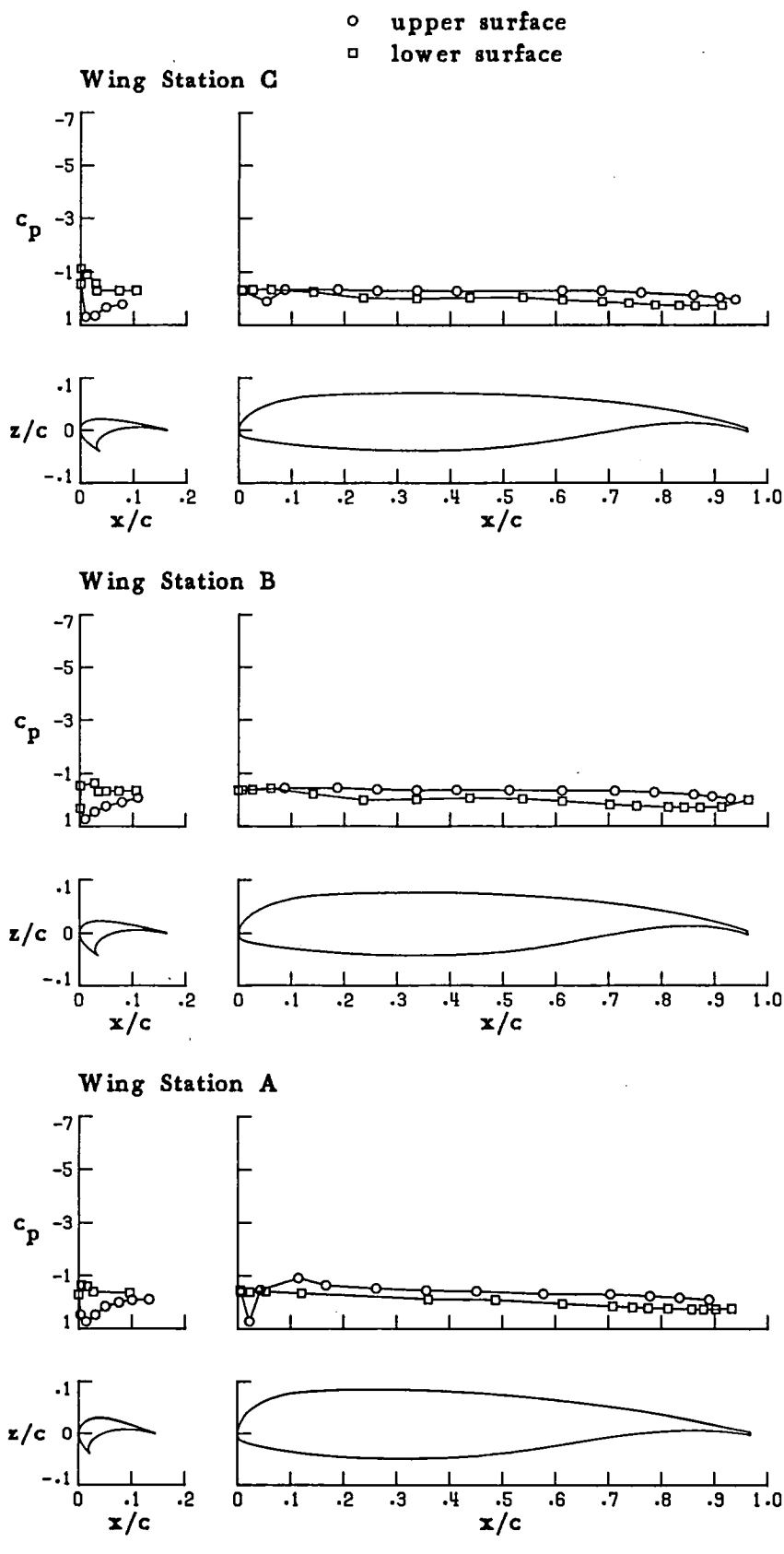
FIGURE 15. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 27.

TEST = 498 RUN = 27 POINT = 22



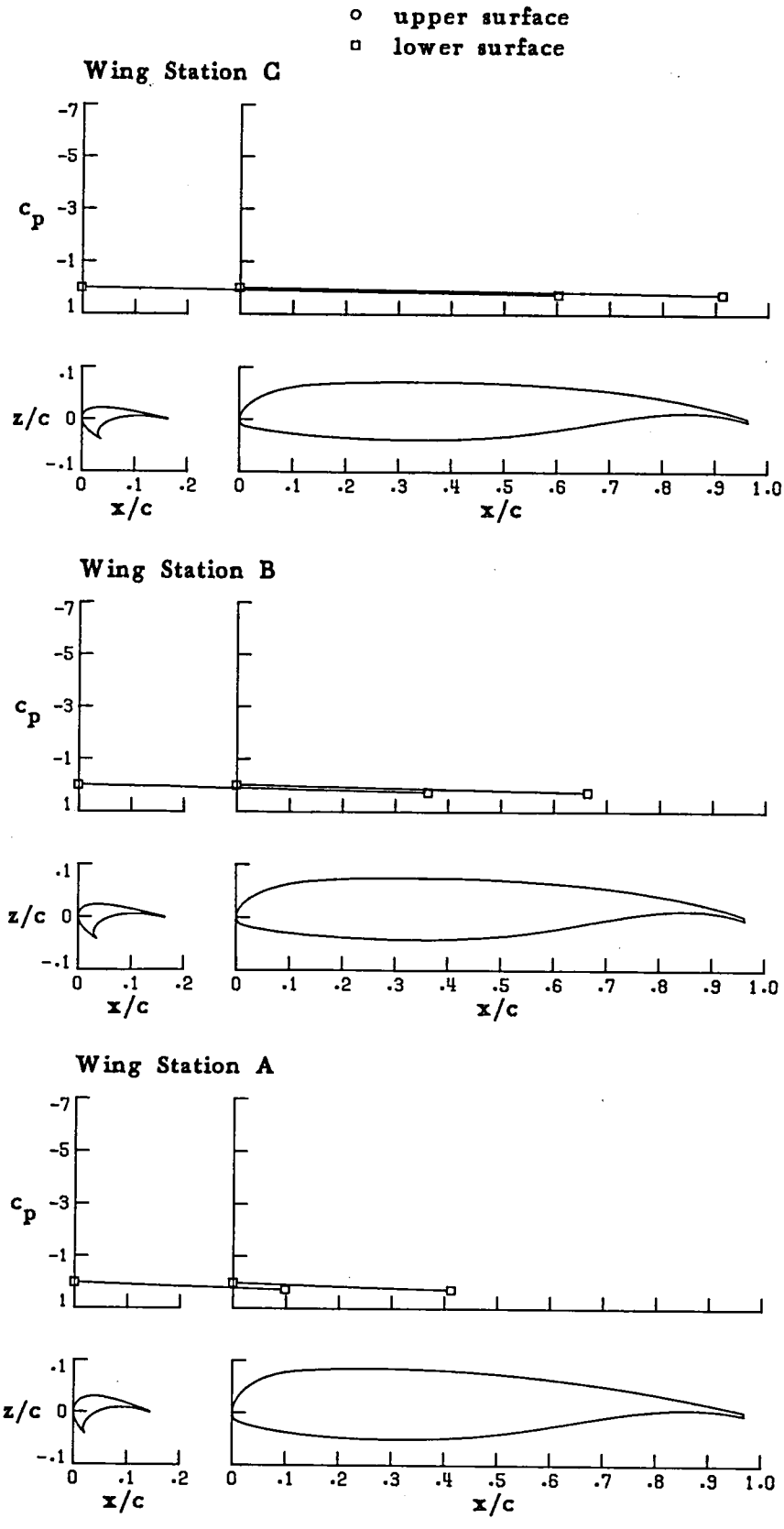
(b) α = -4.09

FIGURE 15. CONTINUED.



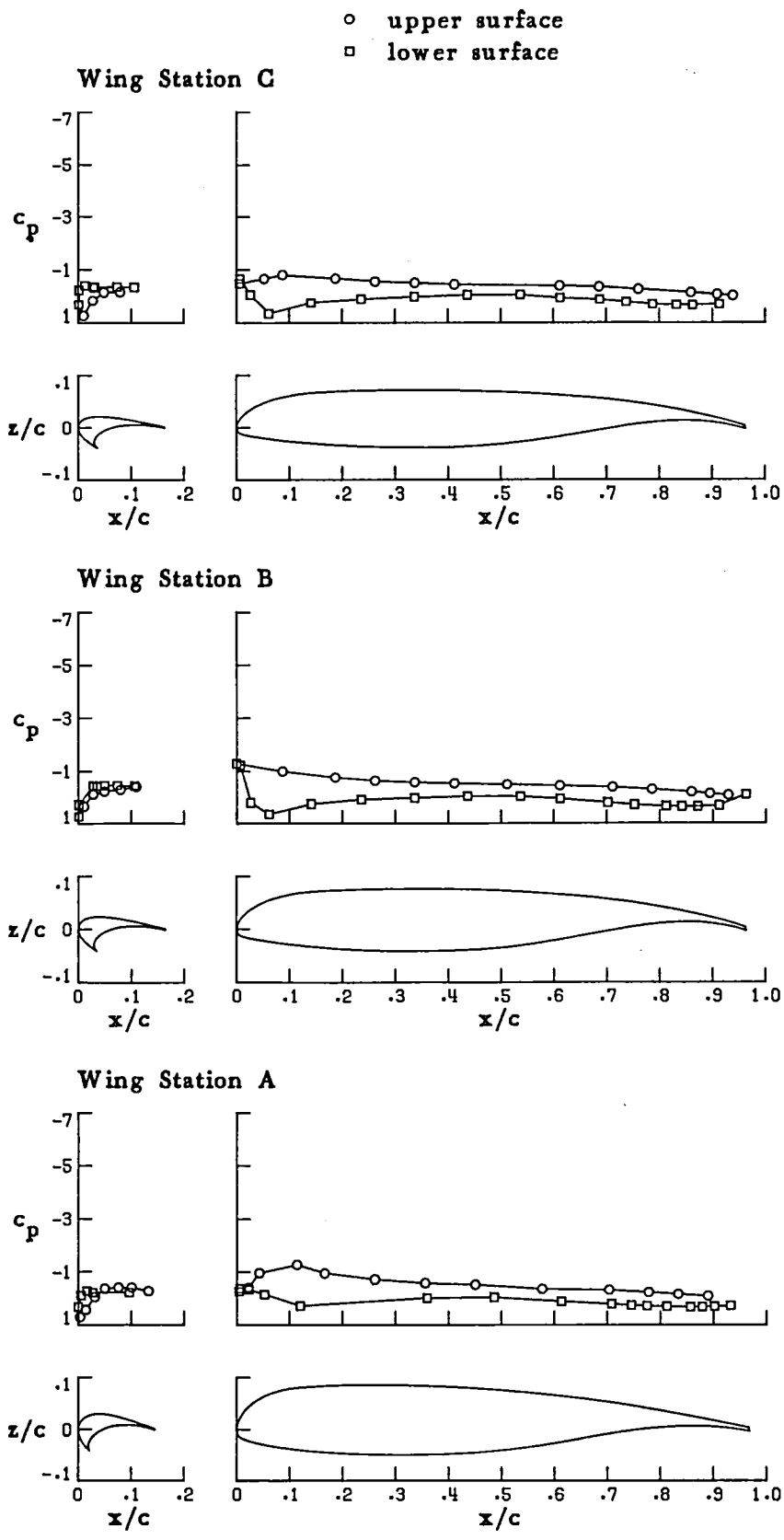
(c) α = .05

FIGURE 15. CONTINUED.



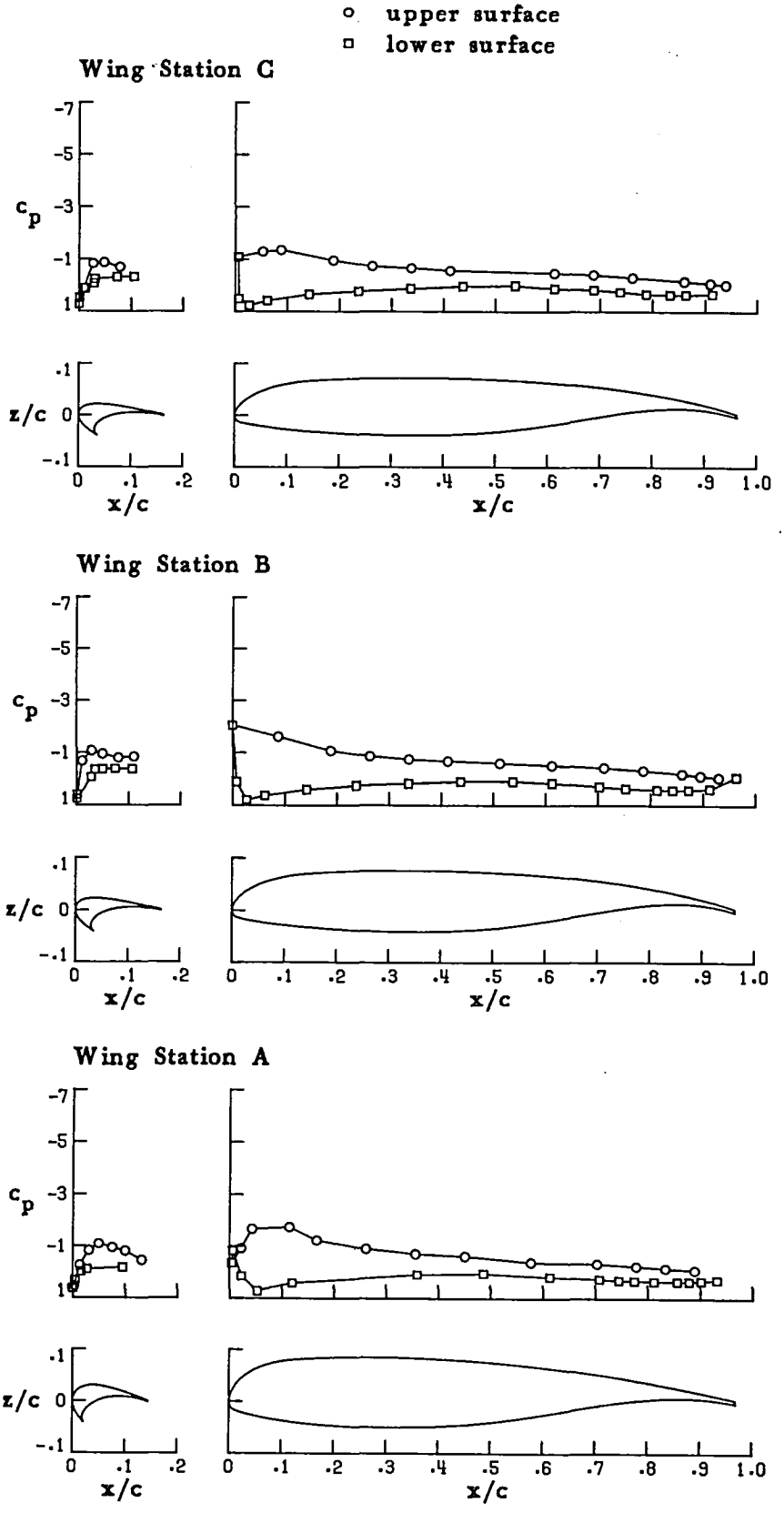
(d) α = 4.22

FIGURE 15 . CONTINUED.



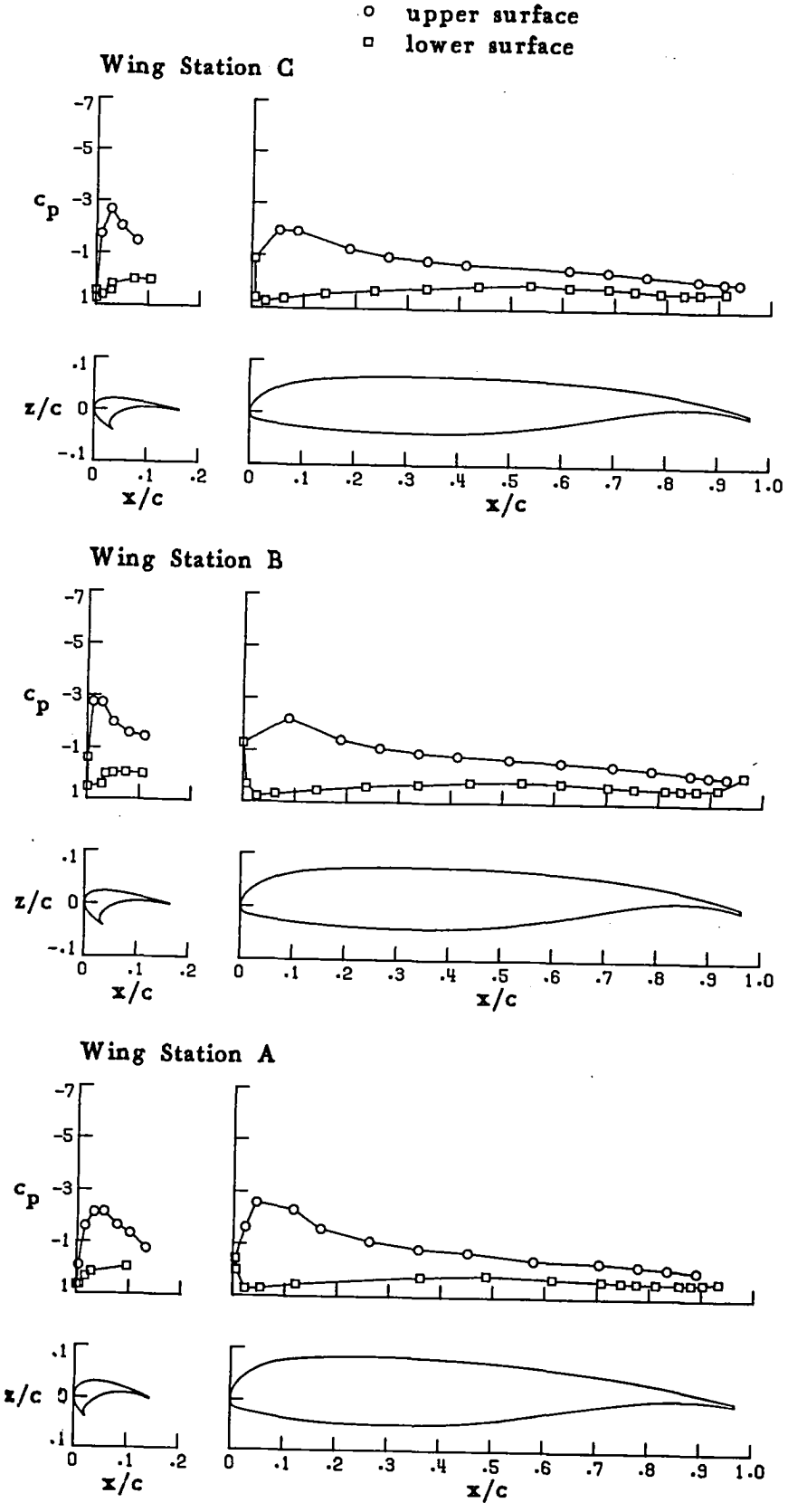
(e) α = 4.22

FIGURE 15. CONTINUED.



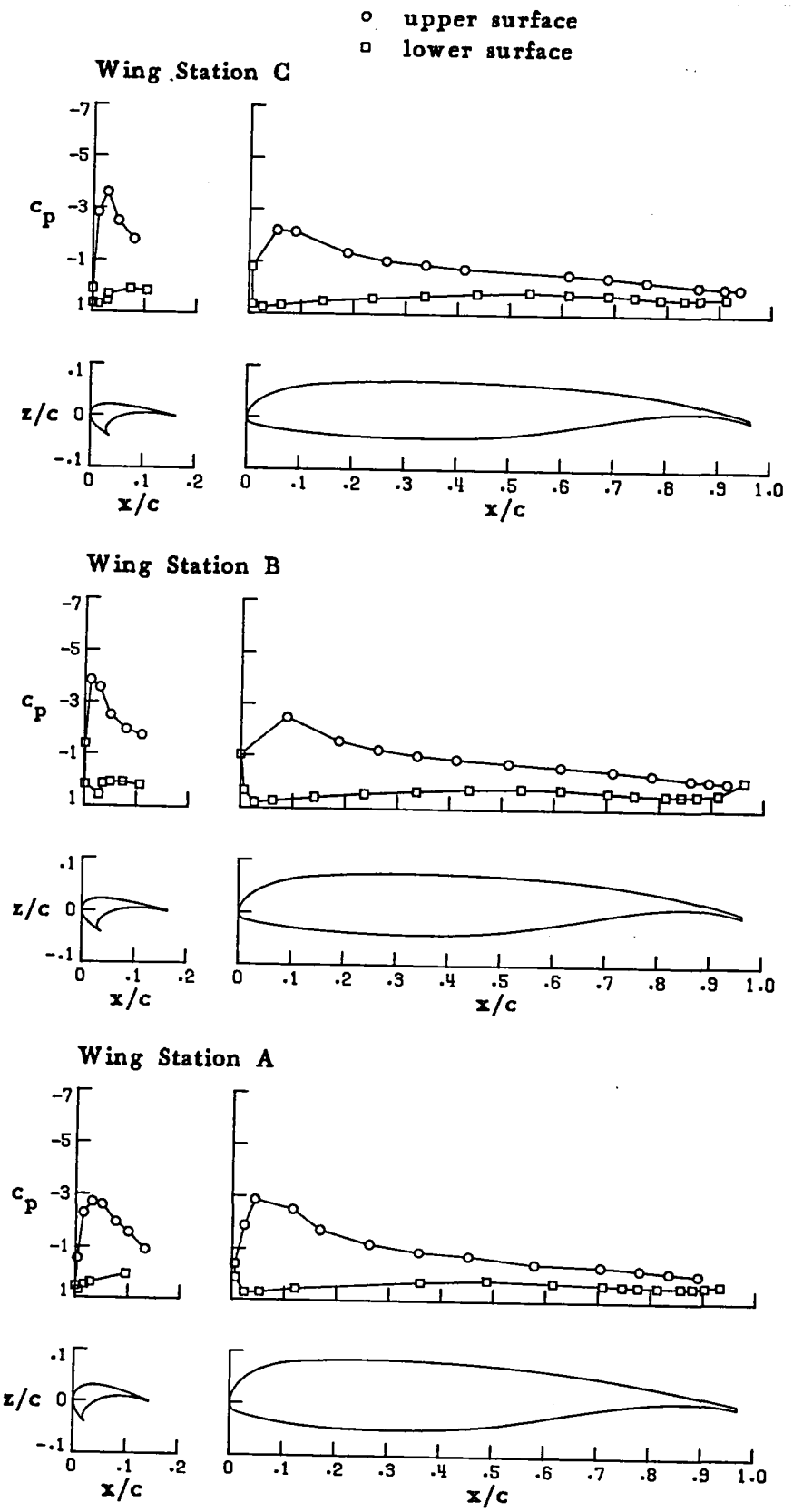
(f) α = 8.86

FIGURE 15. CONTINUED.



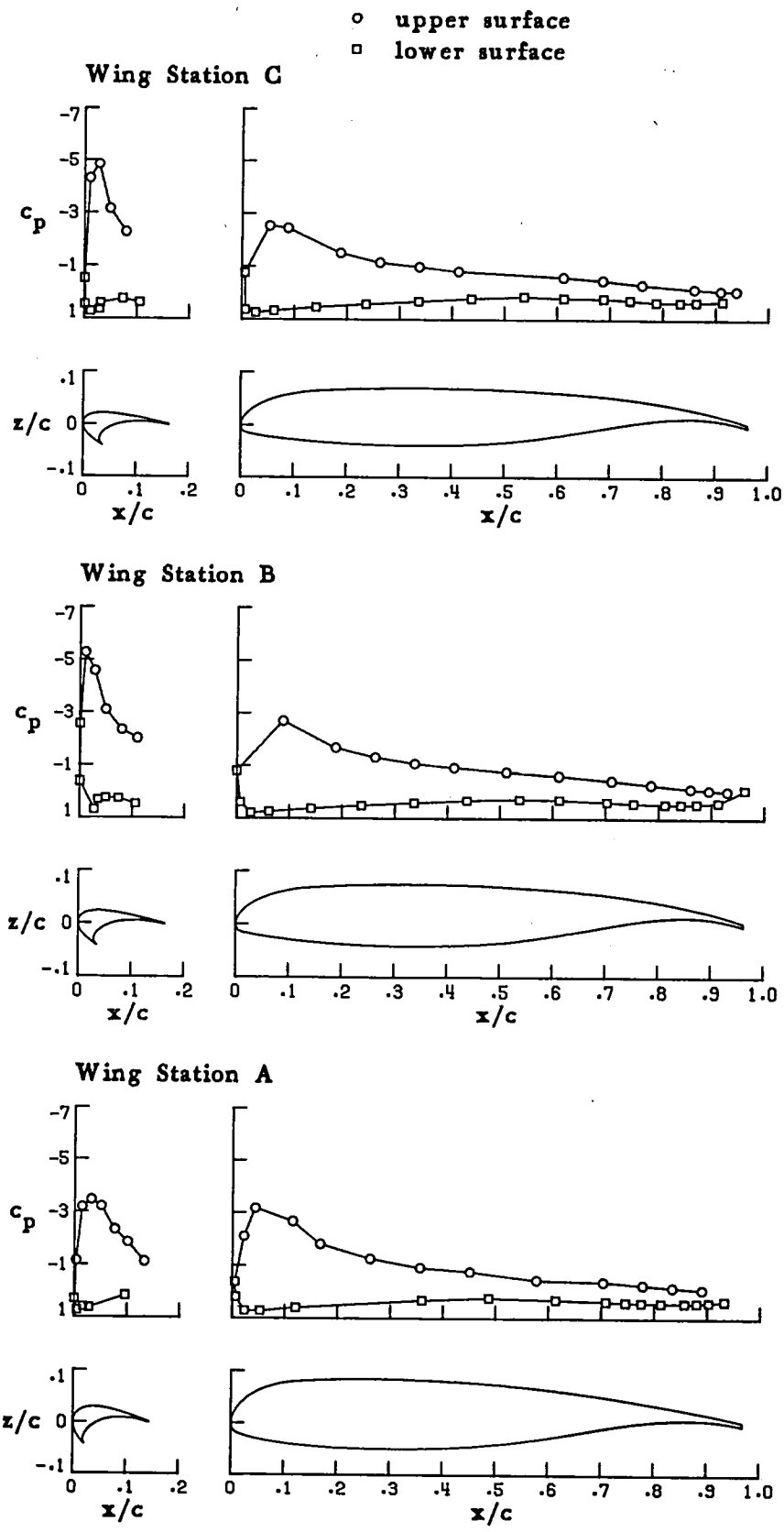
(g) α = 12.77

FIGURE 15. CONTINUED.



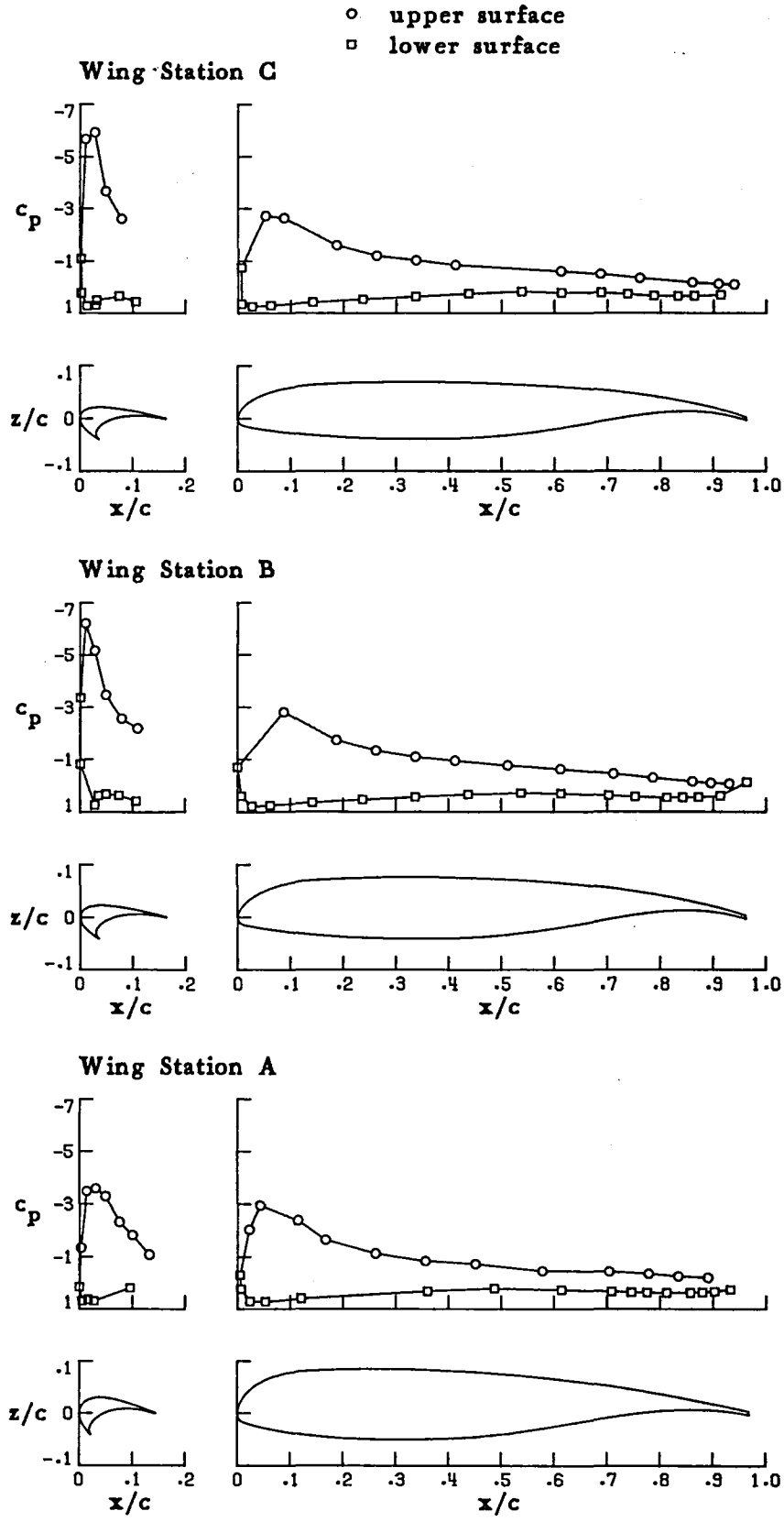
(h) α = 14.59

FIGURE 15. CONTINUED.



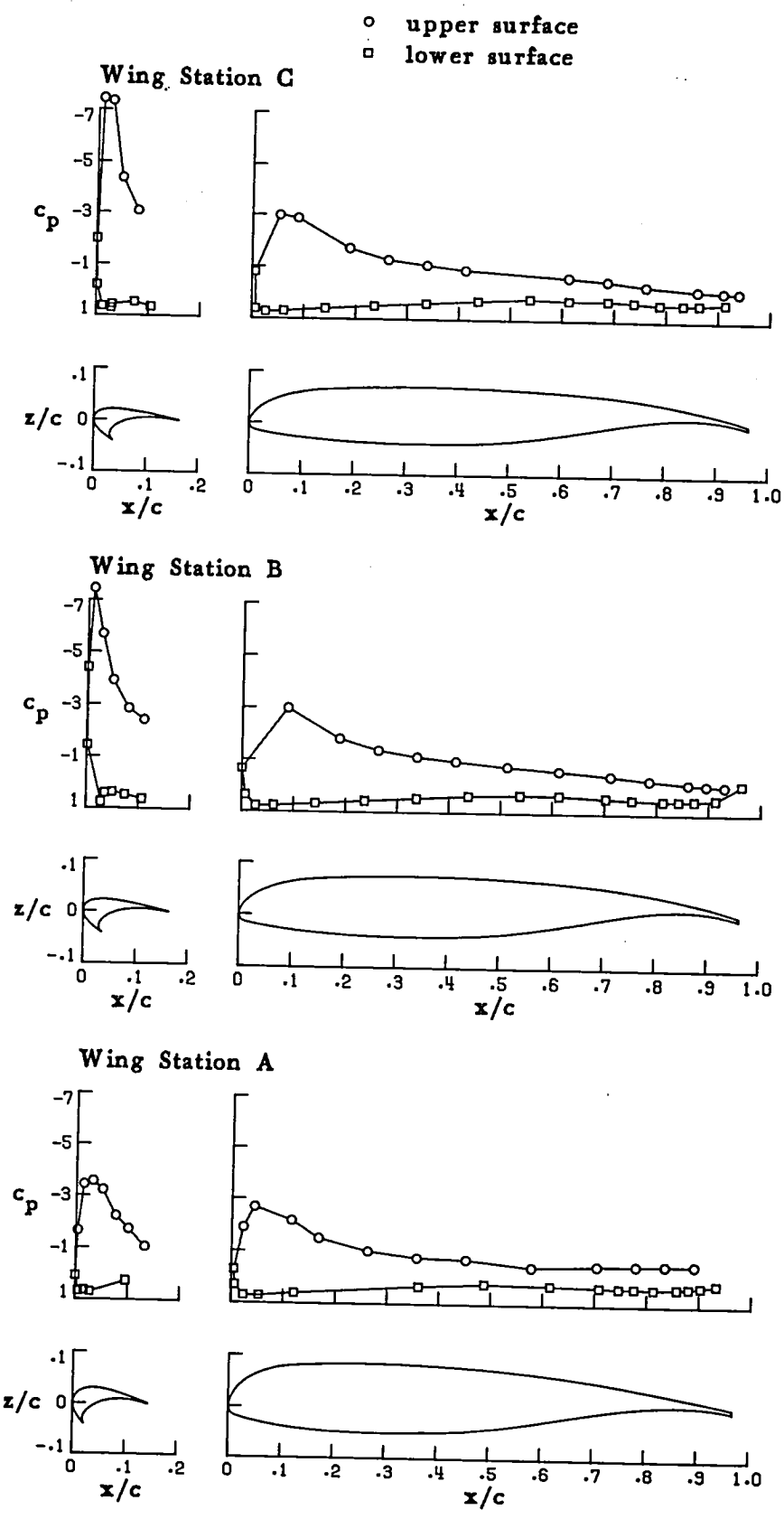
(i) α = 16.68

FIGURE 15. CONTINUED.



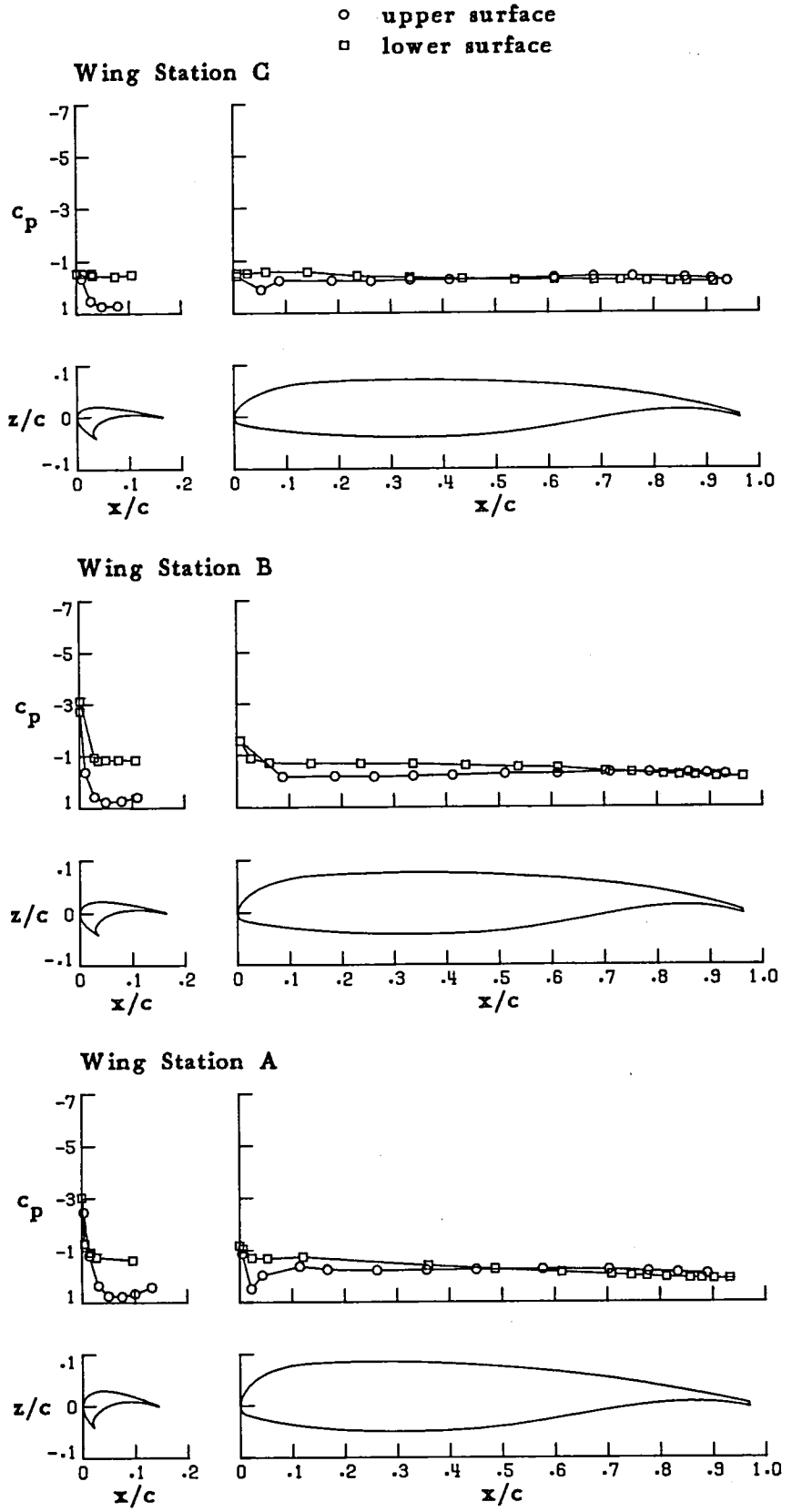
(j) α = 18.67

FIGURE 15. CONTINUED.



(k) α = 20.77

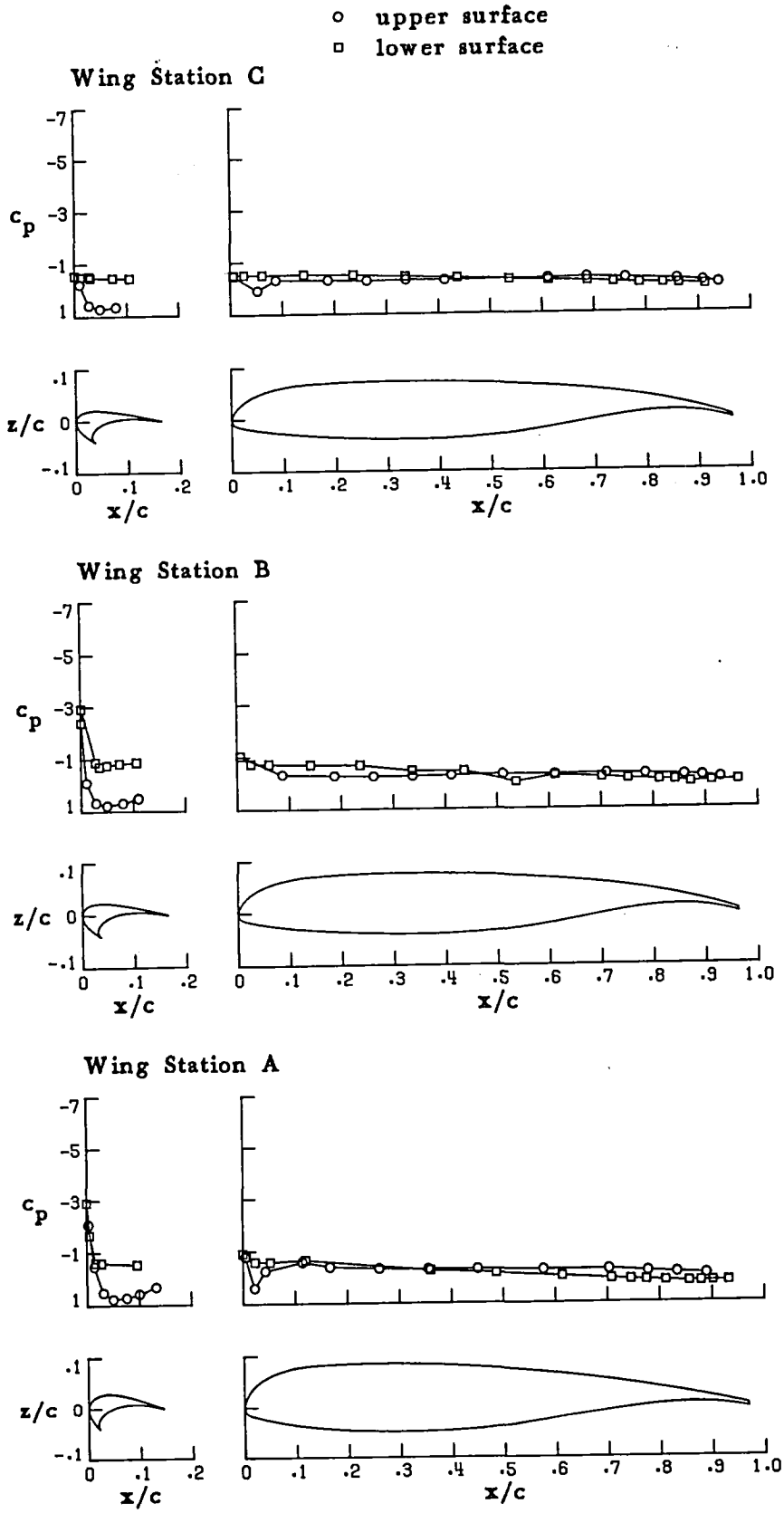
FIGURE 15. CONCLUDED.



(a) α = -6.11

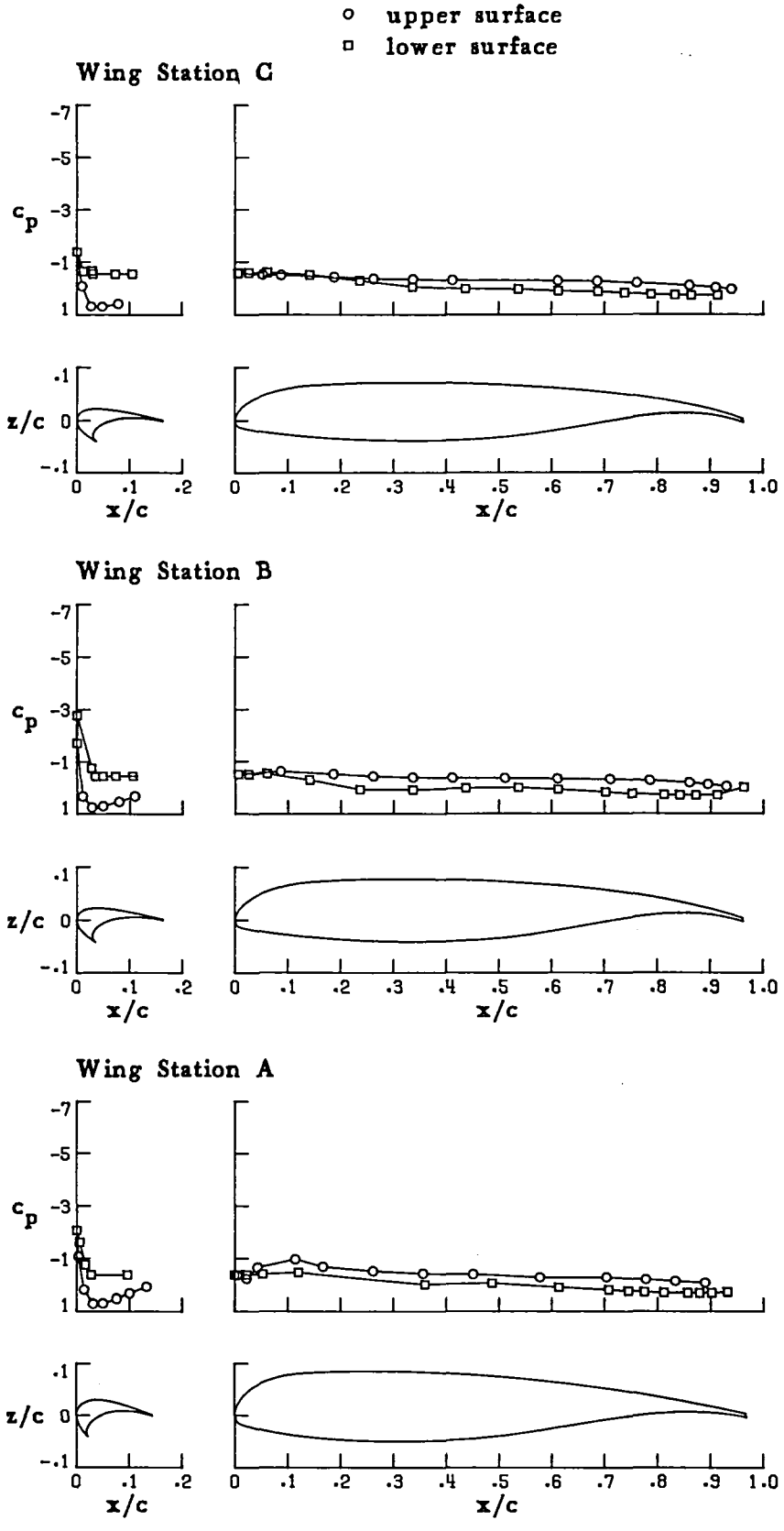
FIGURE 16. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 36.

TEST = 498 RUN = 36 POINT = 7



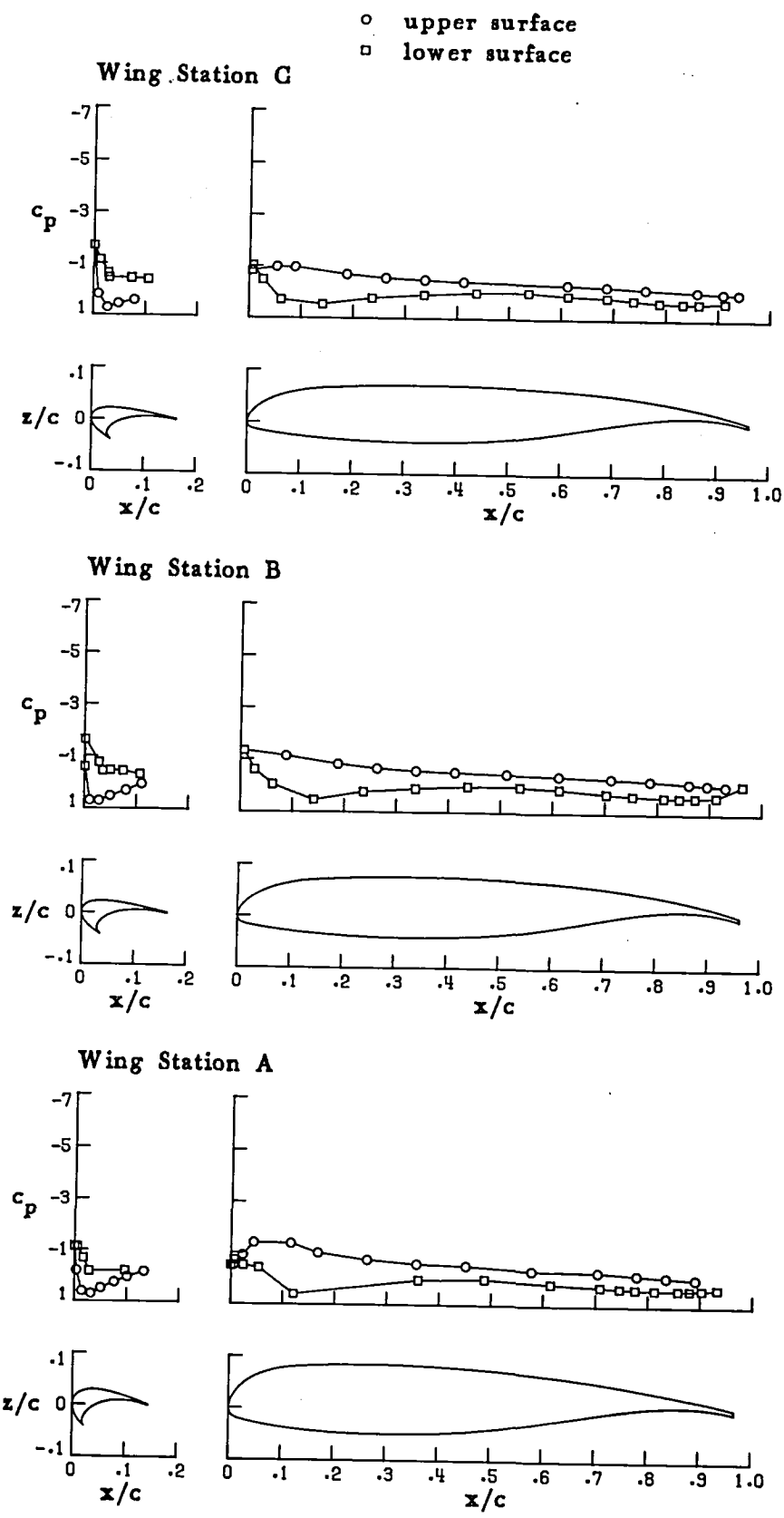
(b) α = -4.14

FIGURE 16. CONTINUED.



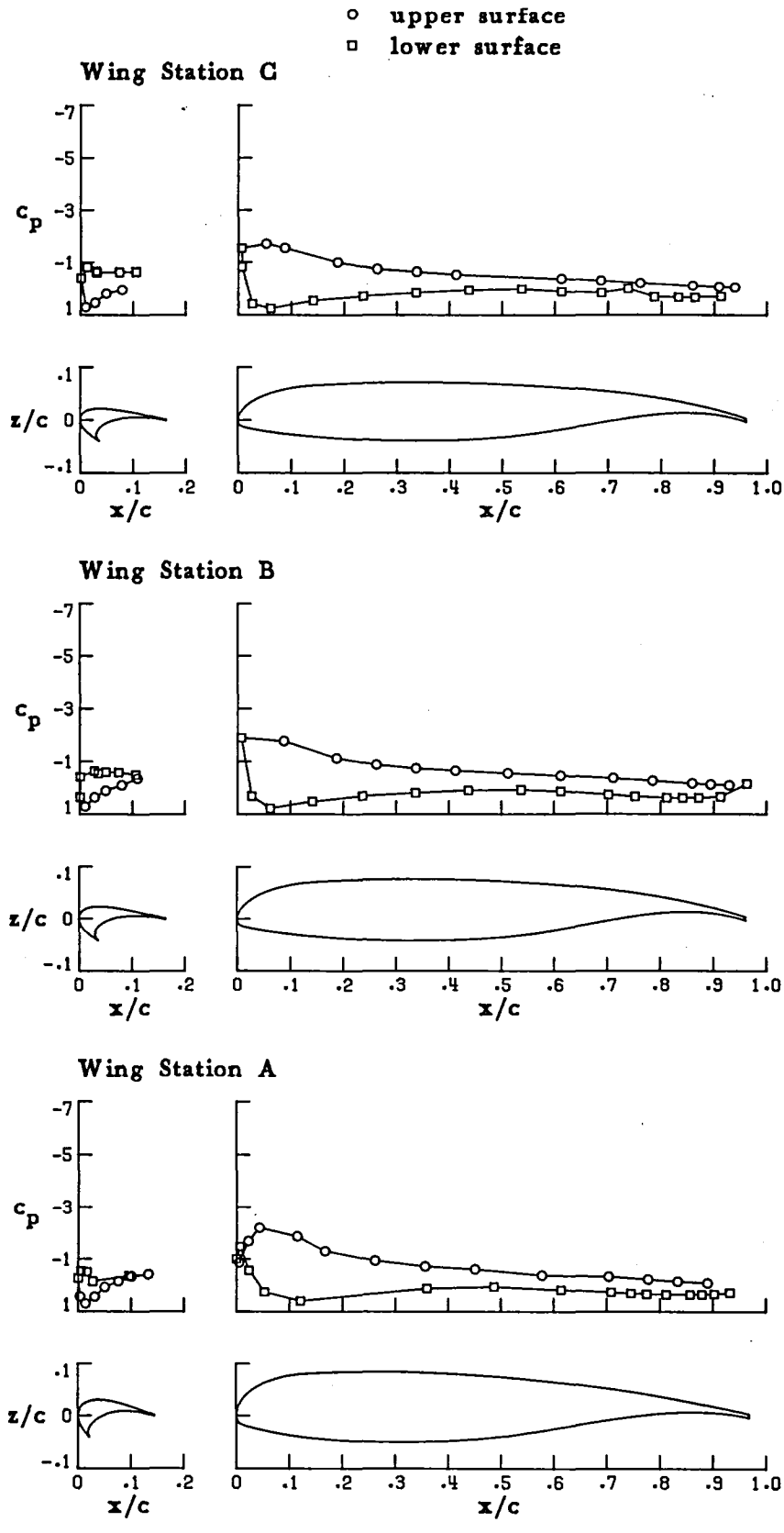
(c) α = .18

FIGURE 16. CONTINUED.



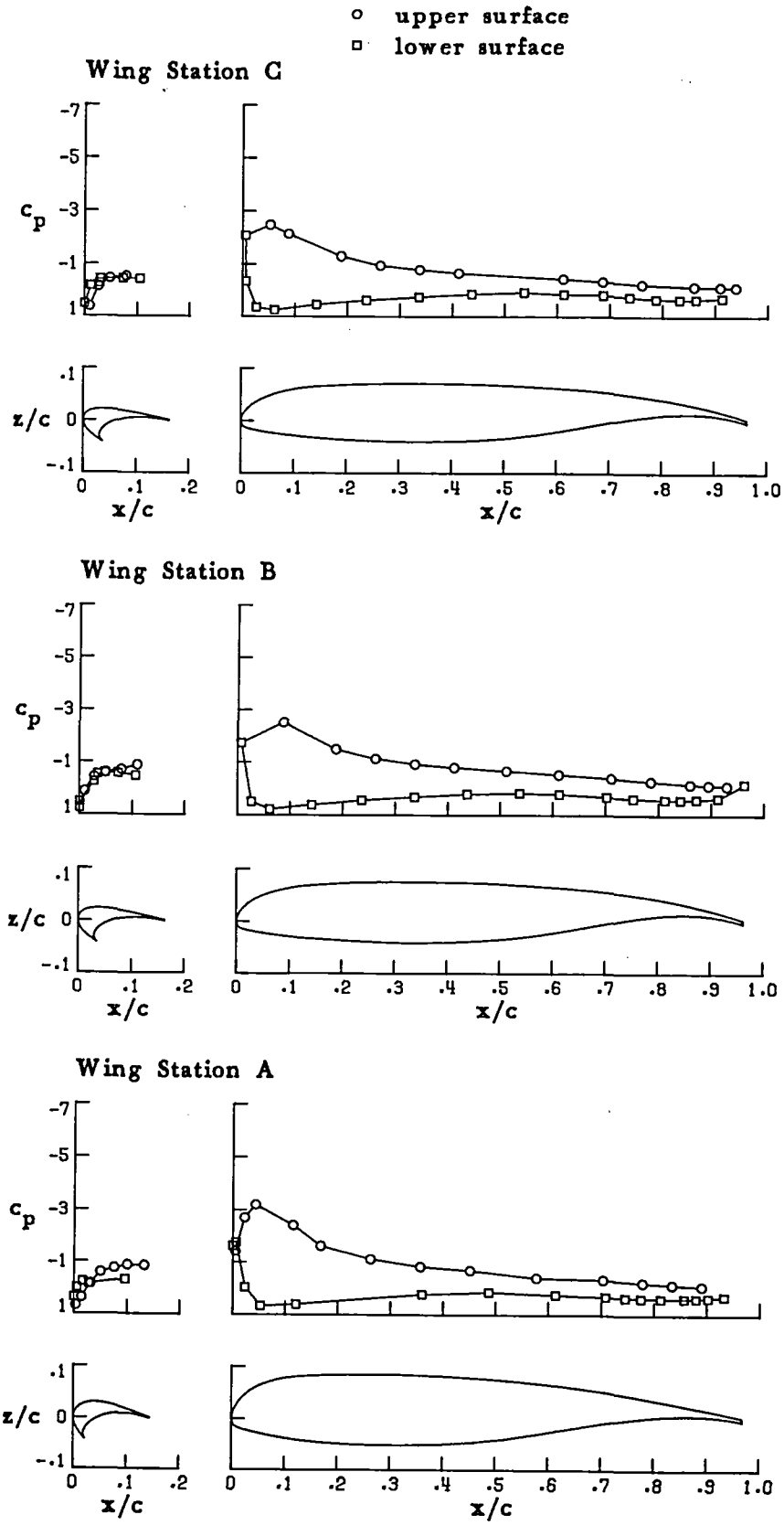
(d) α = 4.35

FIGURE 16. CONTINUED.



(e) α = 8.42

FIGURE 16. CONTINUED.

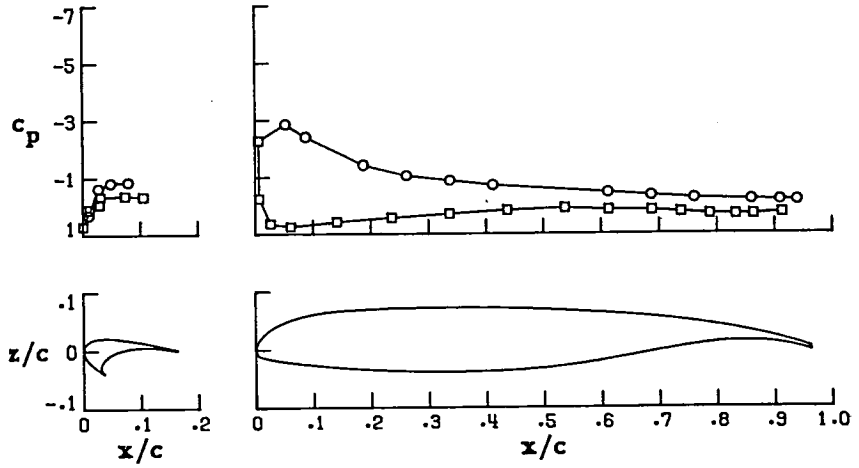


(f) α = 12.56

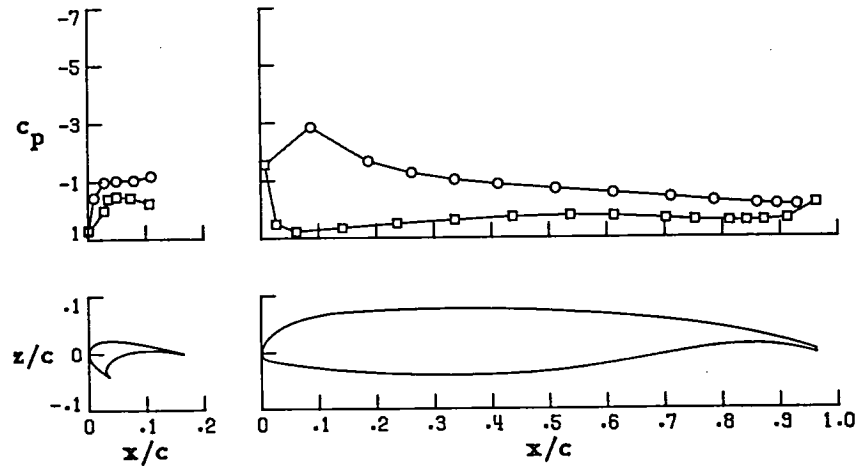
FIGURE 16. CONTINUED.

o upper surface
□ lower surface

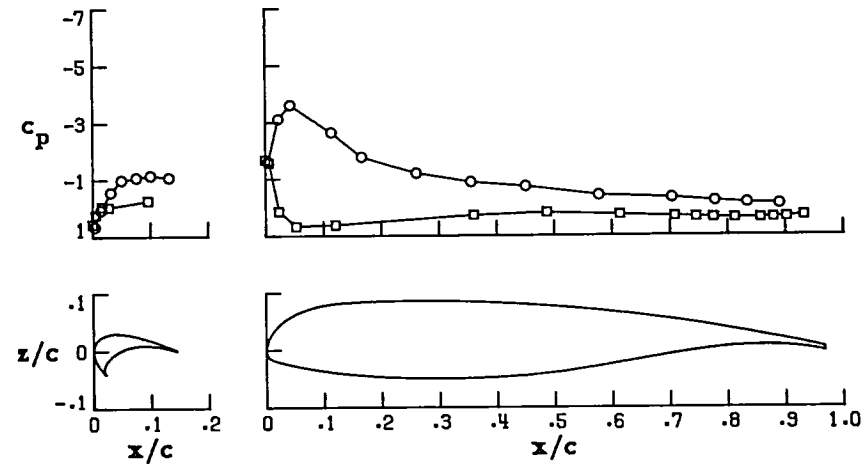
Wing Station C



Wing Station B

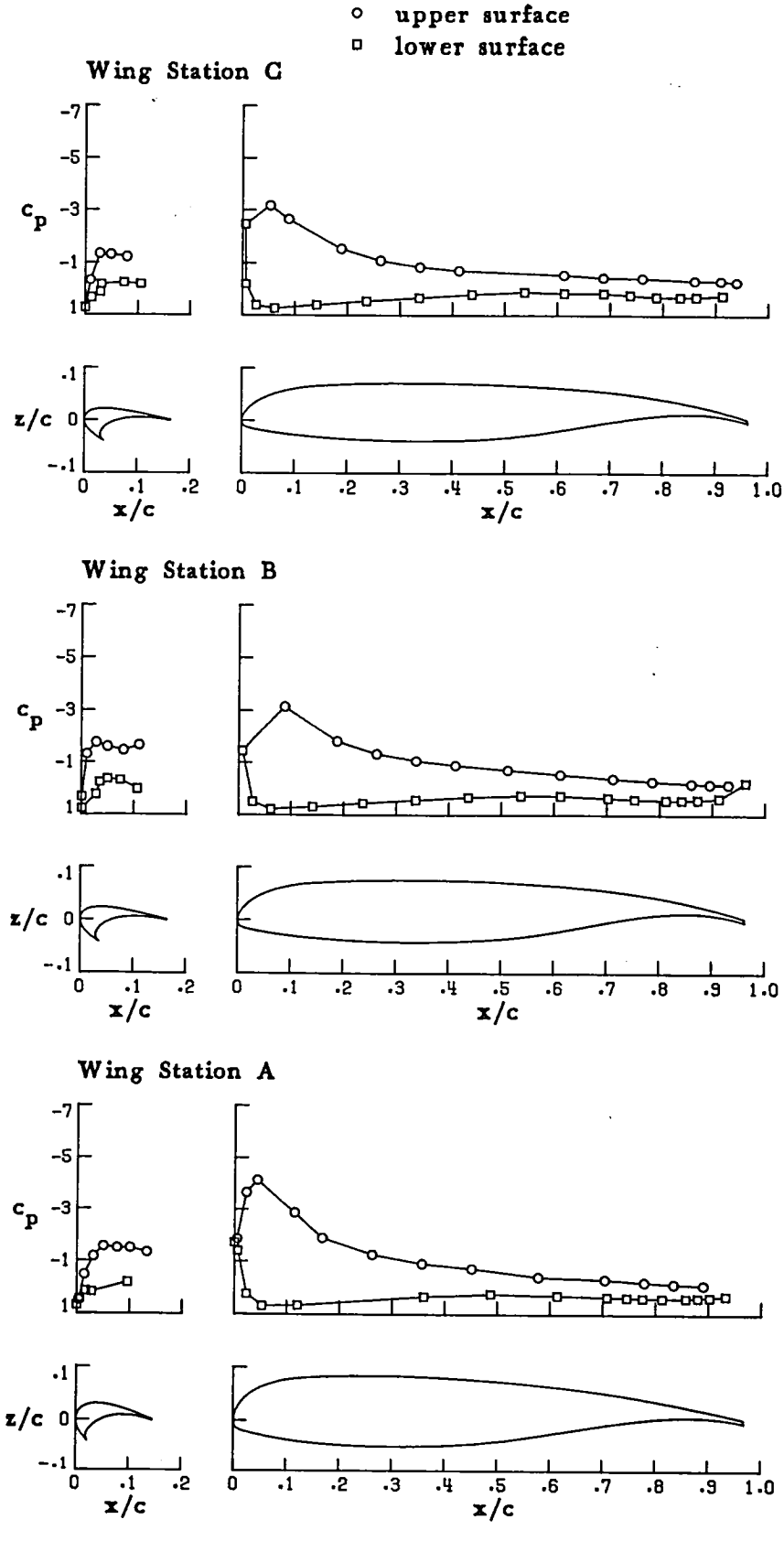


Wing Station A



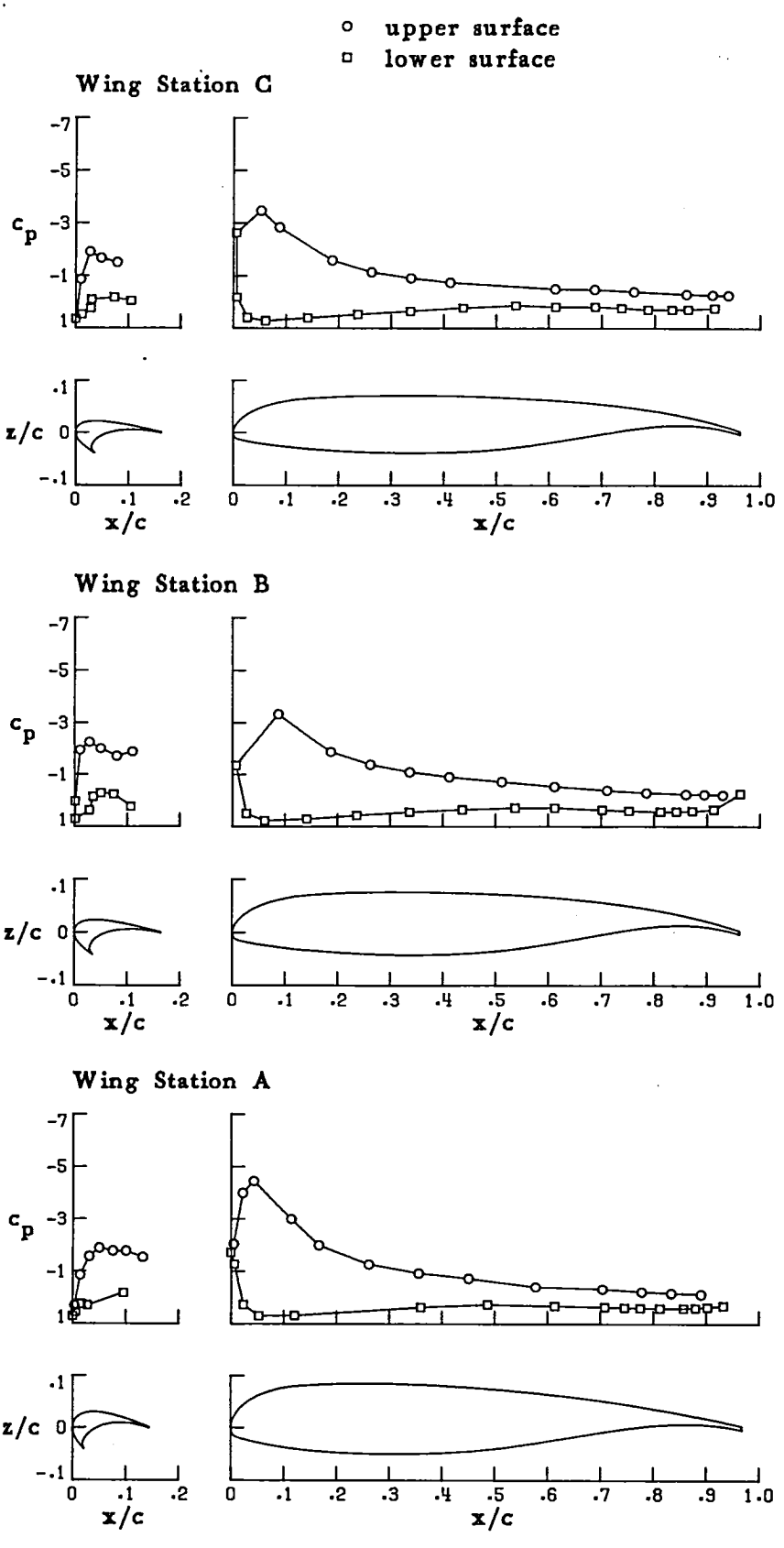
(g) α = 14.71

FIGURE 16. CONTINUED.



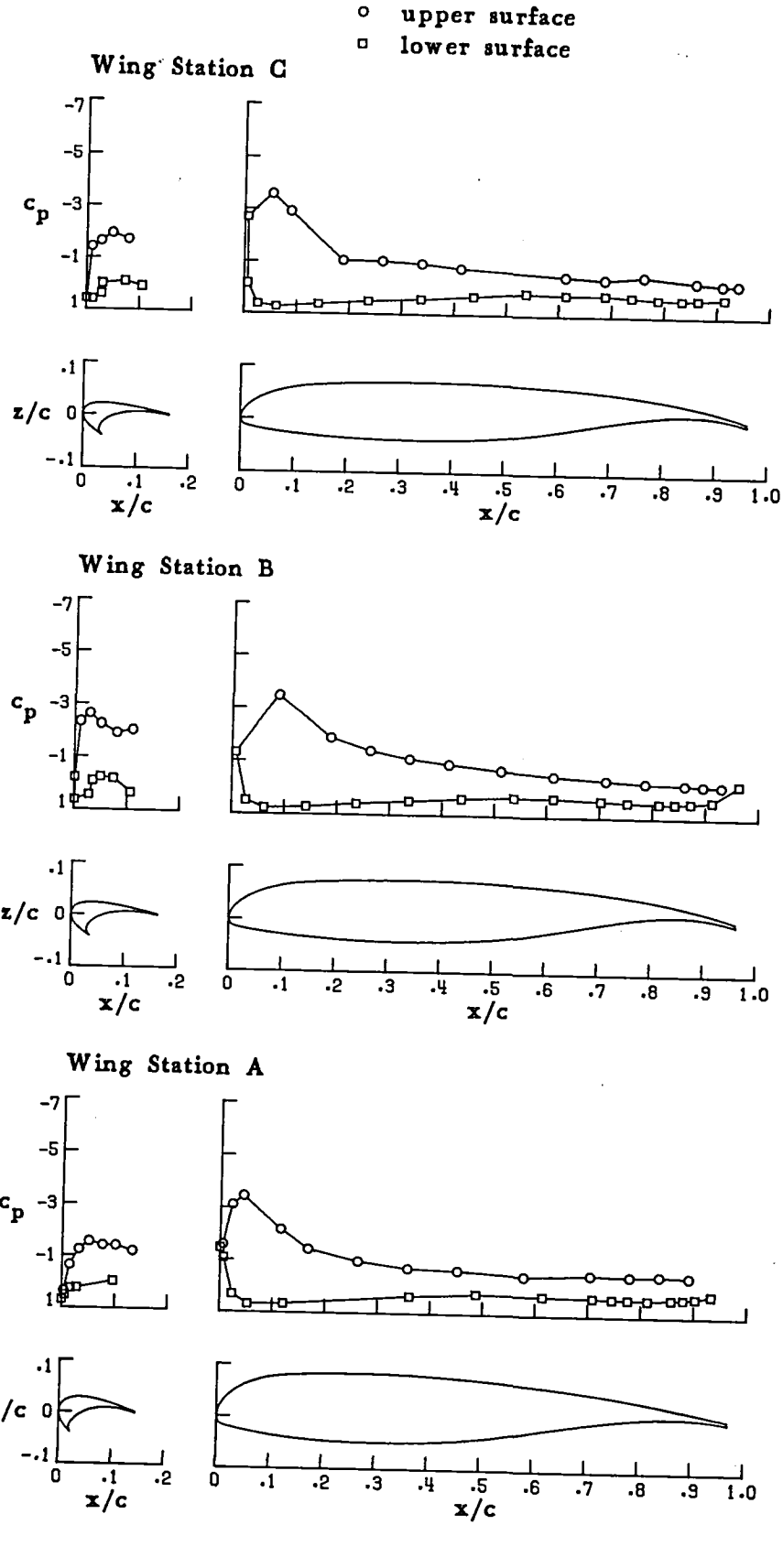
(h) α = 17.02

FIGURE 16. CONTINUED.



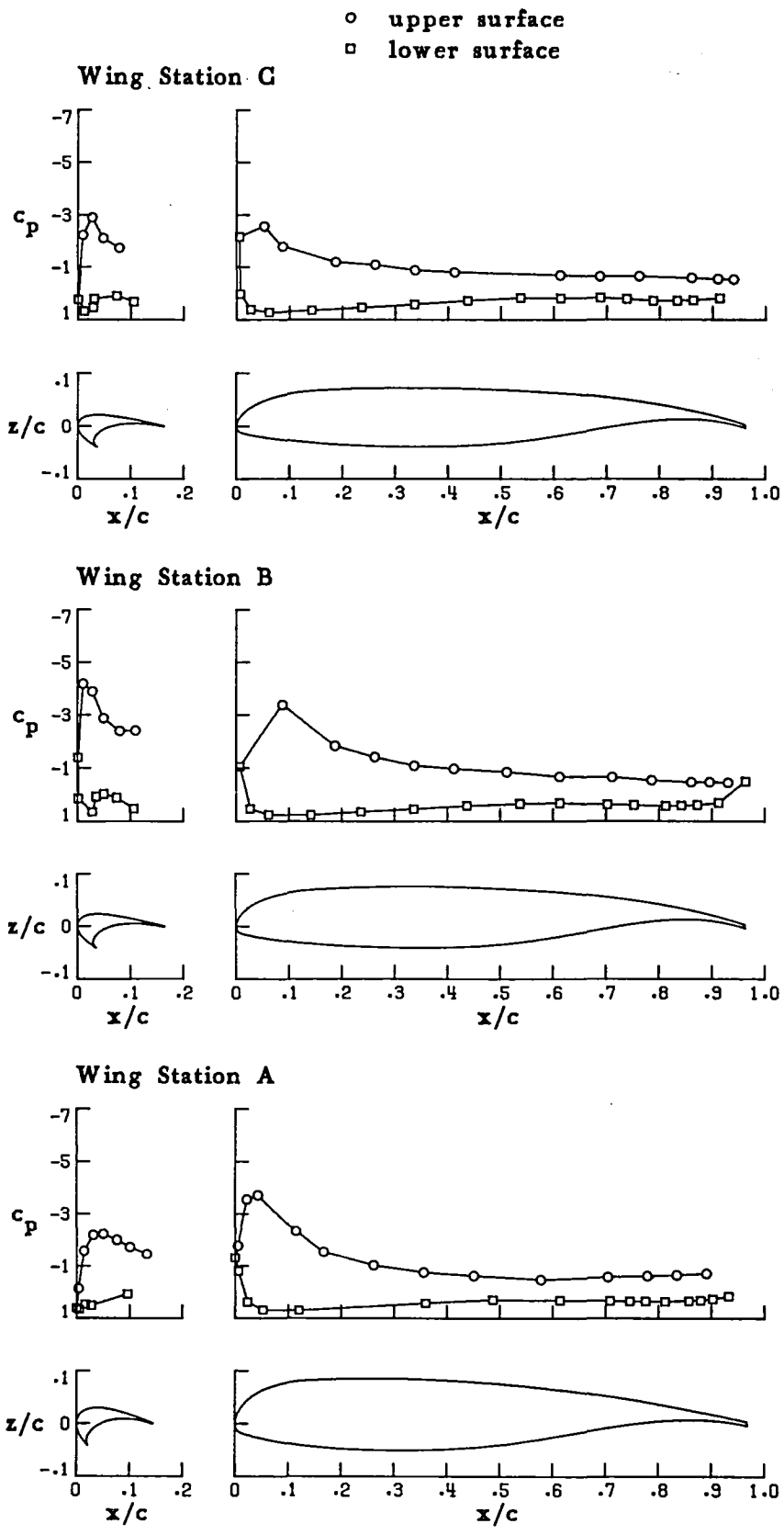
(i) α = 18.79

FIGURE 16. CONTINUED.



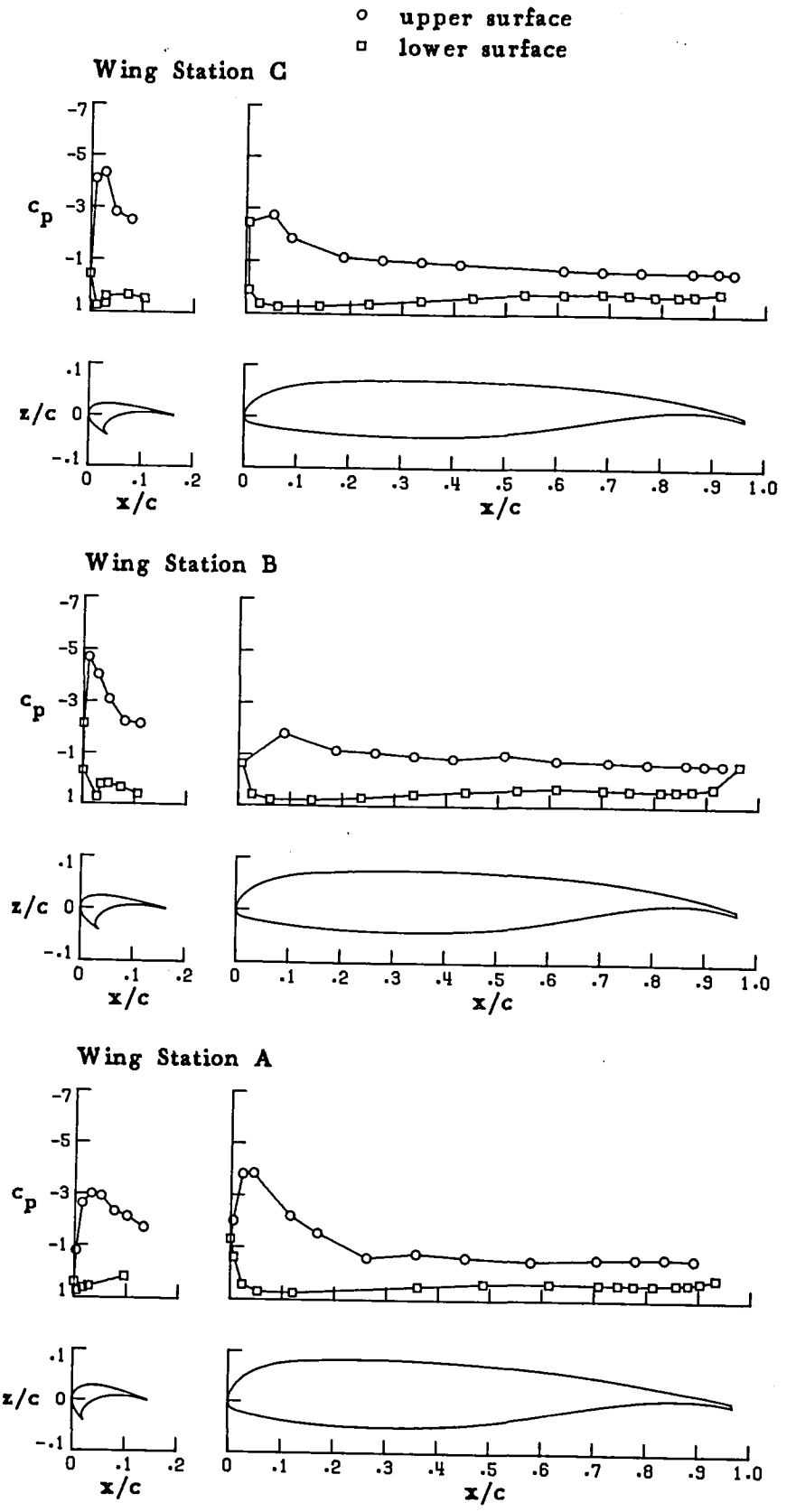
(j) α = 20.68

FIGURE 16. CONTINUED.



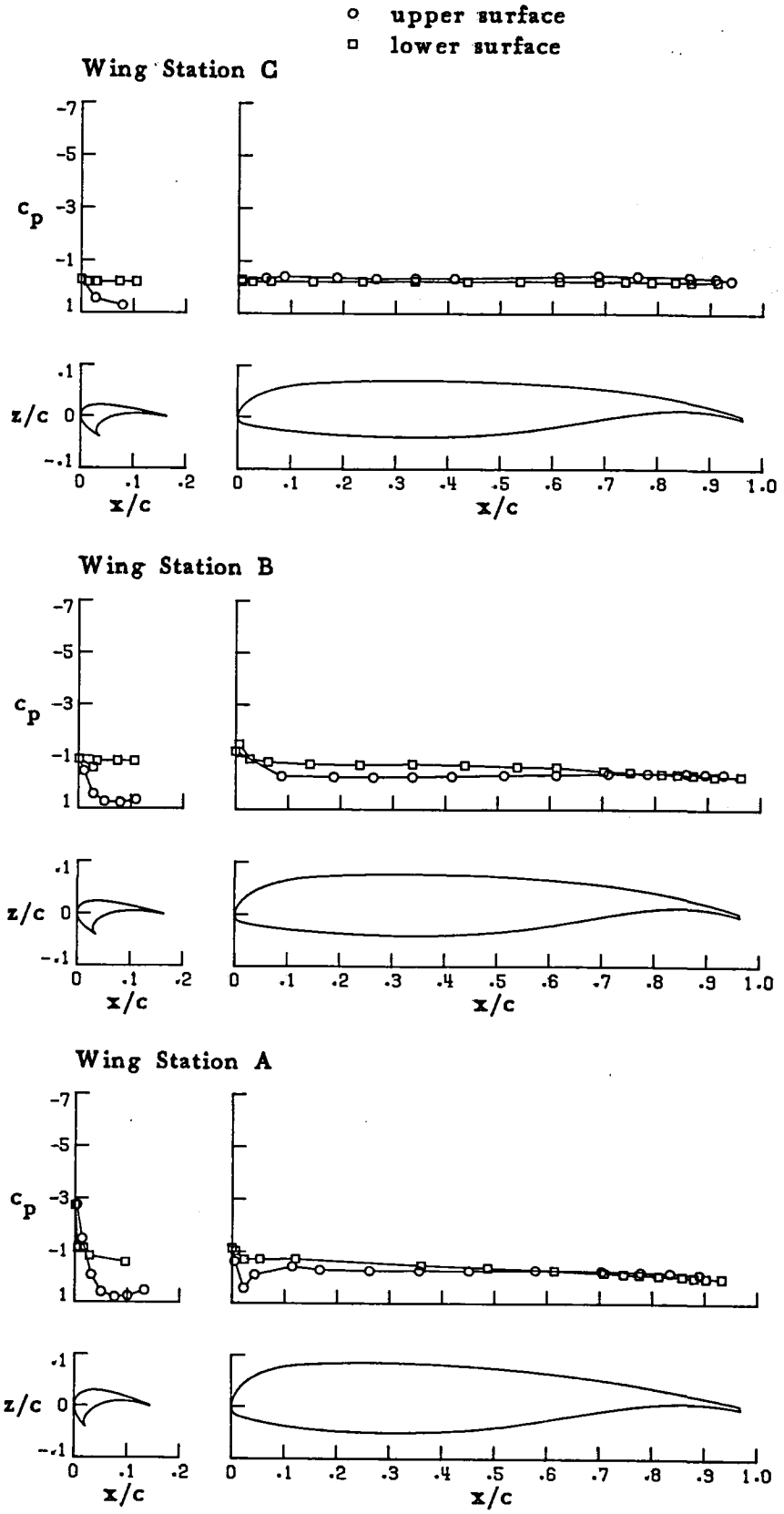
(k) α = 24.92

FIGURE 16. CONTINUED.



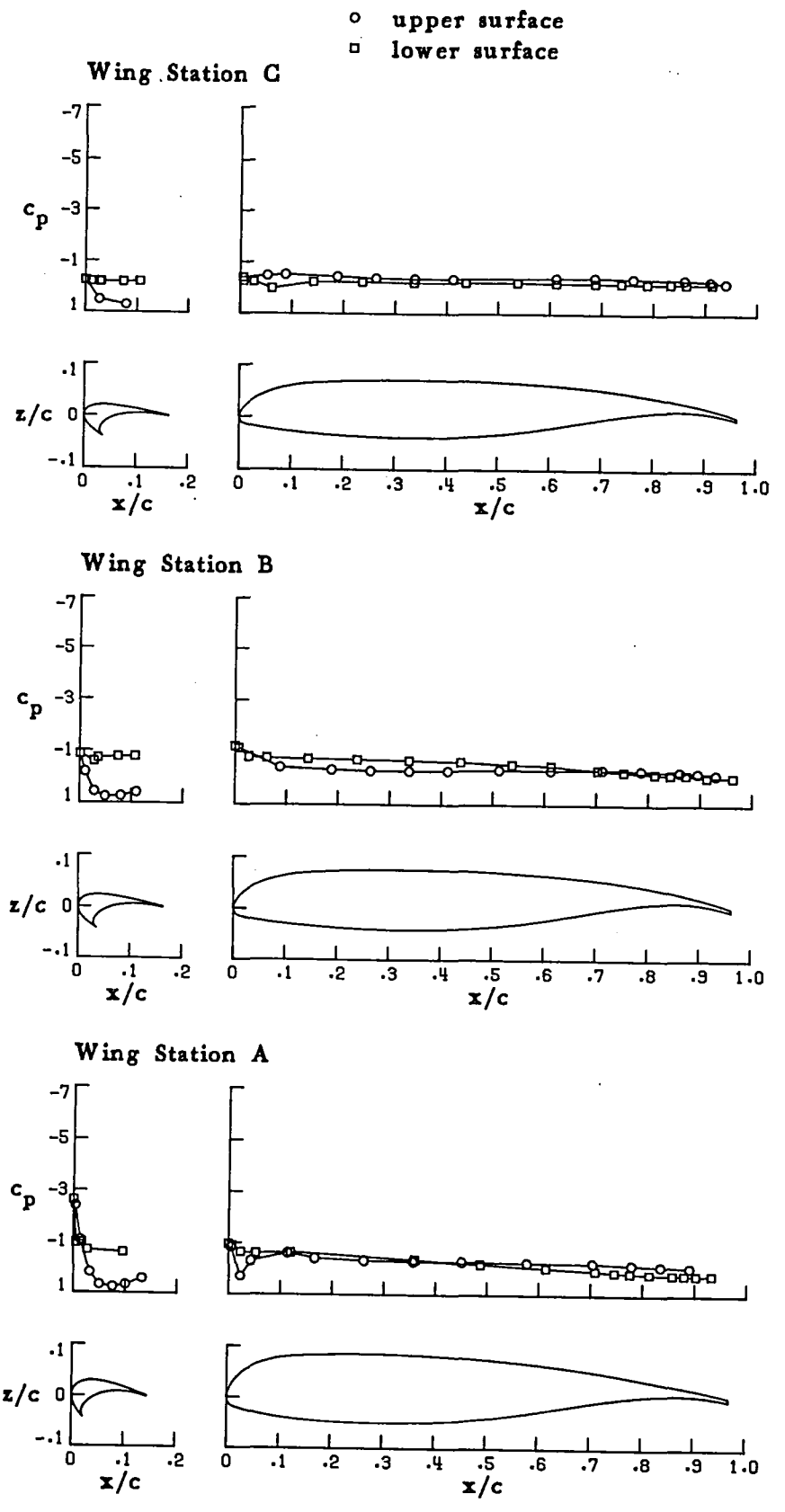
(1) α = 28.69

FIGURE 16. CONCLUDED.



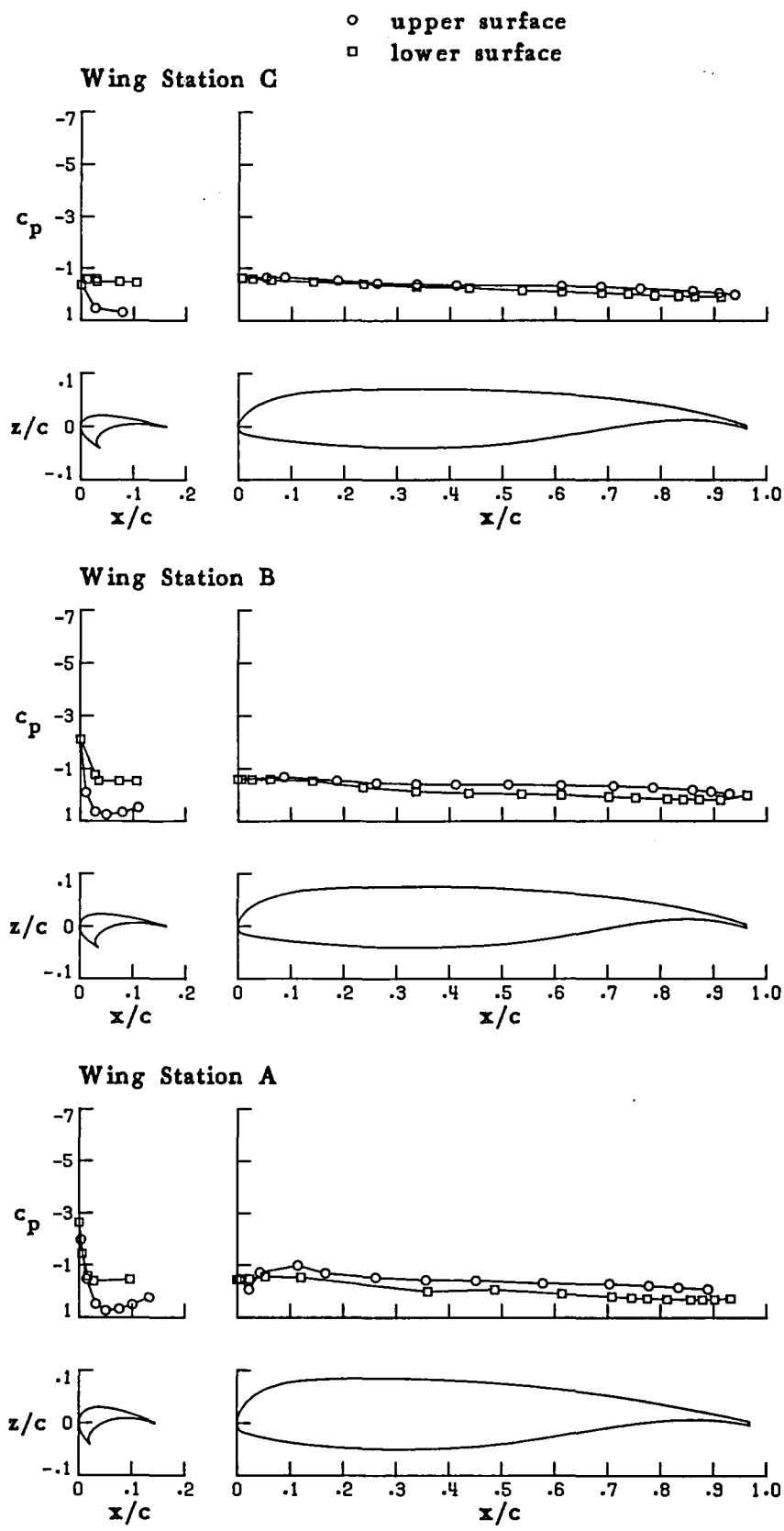
(a) α = -6.17

FIGURE 17. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 31.



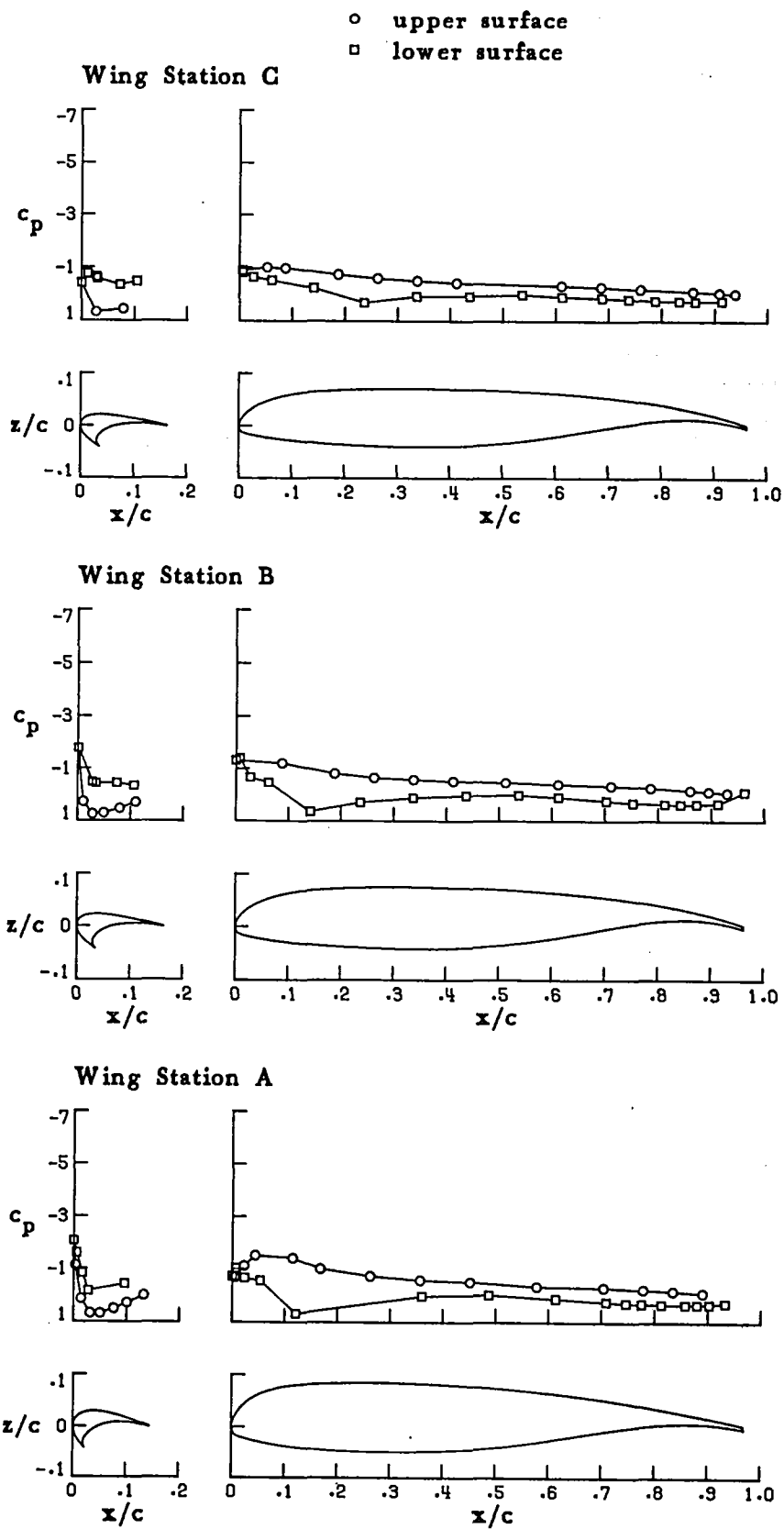
(b) α = -4.02

FIGURE 17. CONTINUED.



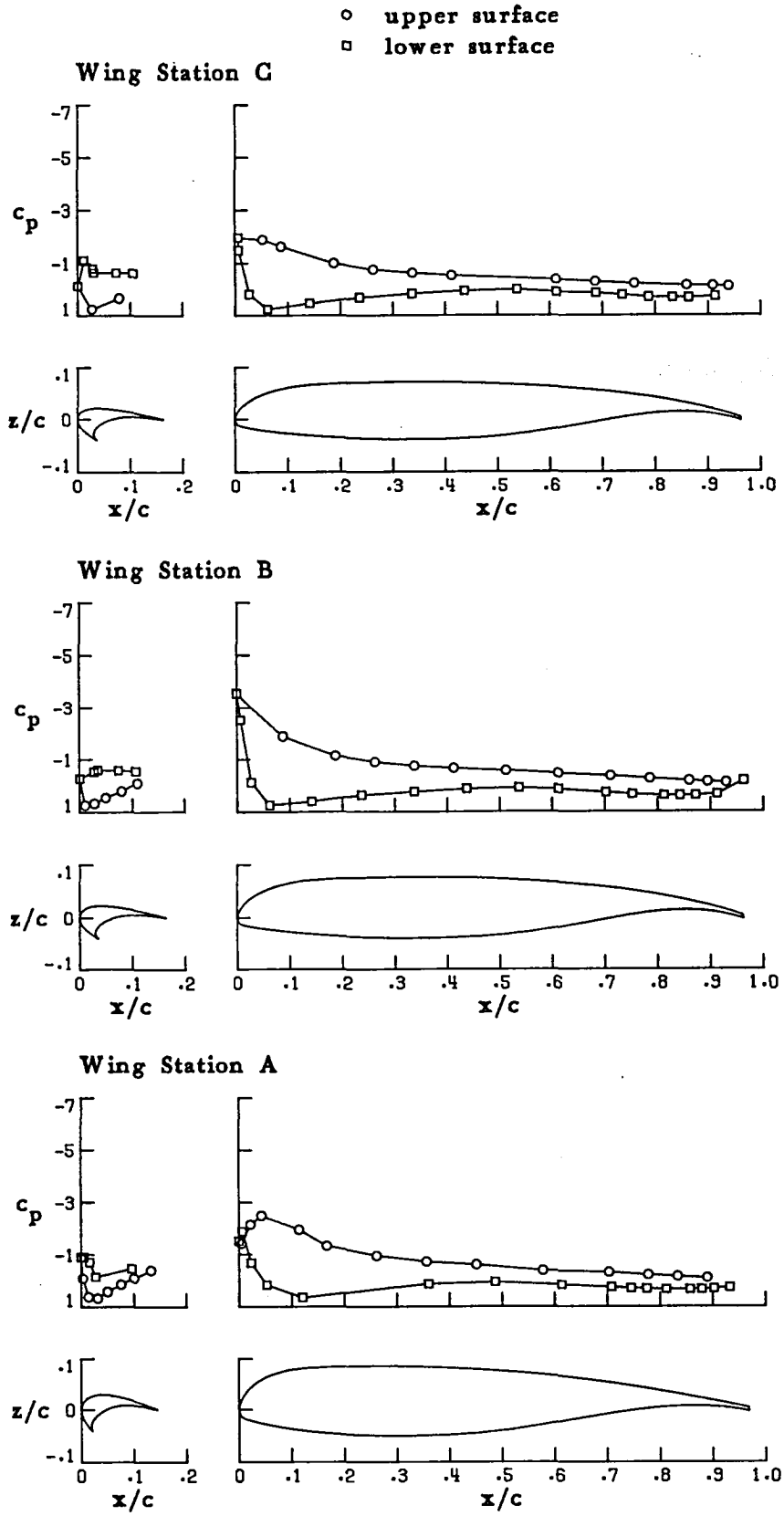
(c) α = -.07

FIGURE 17. CONTINUED.



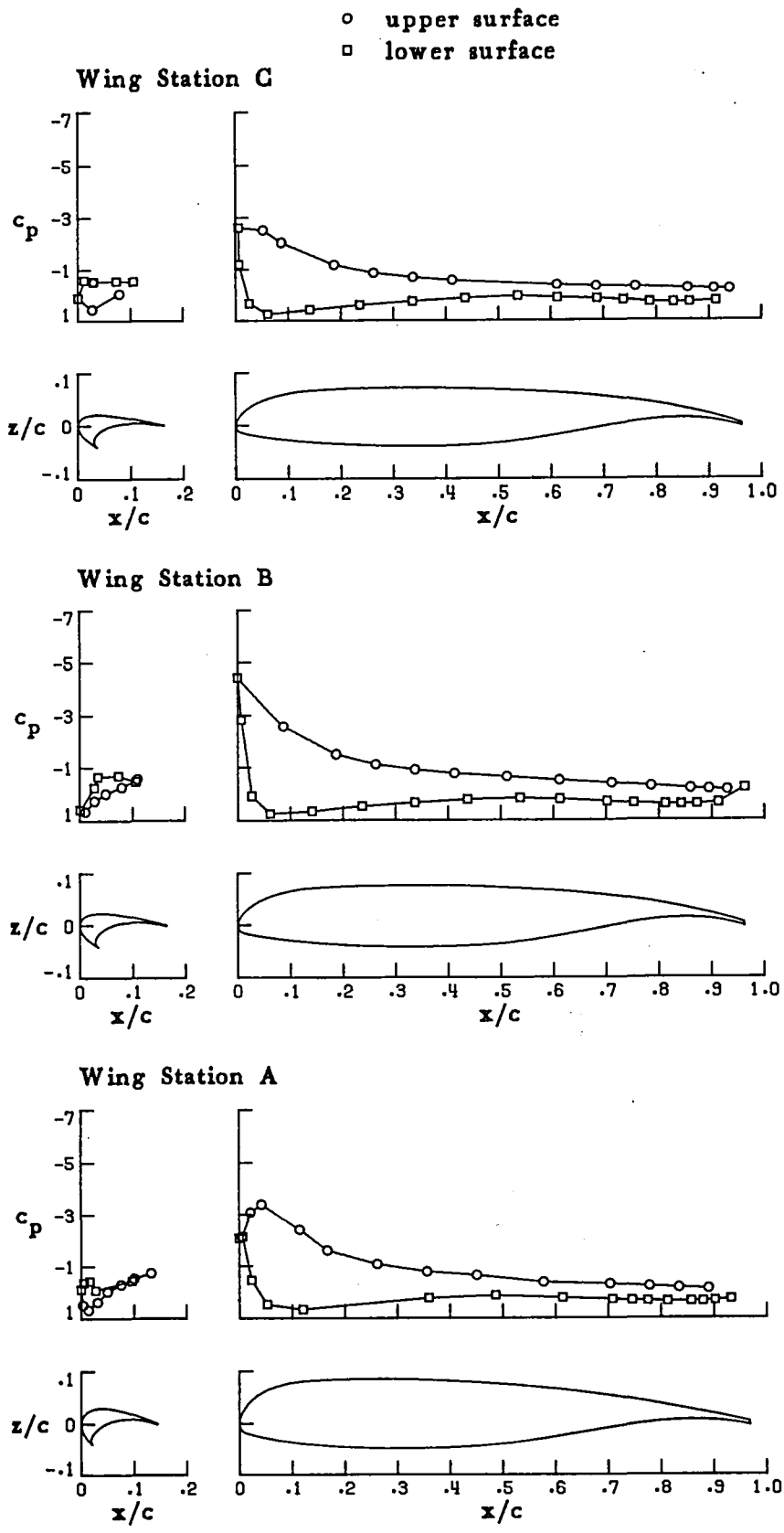
(d) α = 4.26

FIGURE 17. CONTINUED.



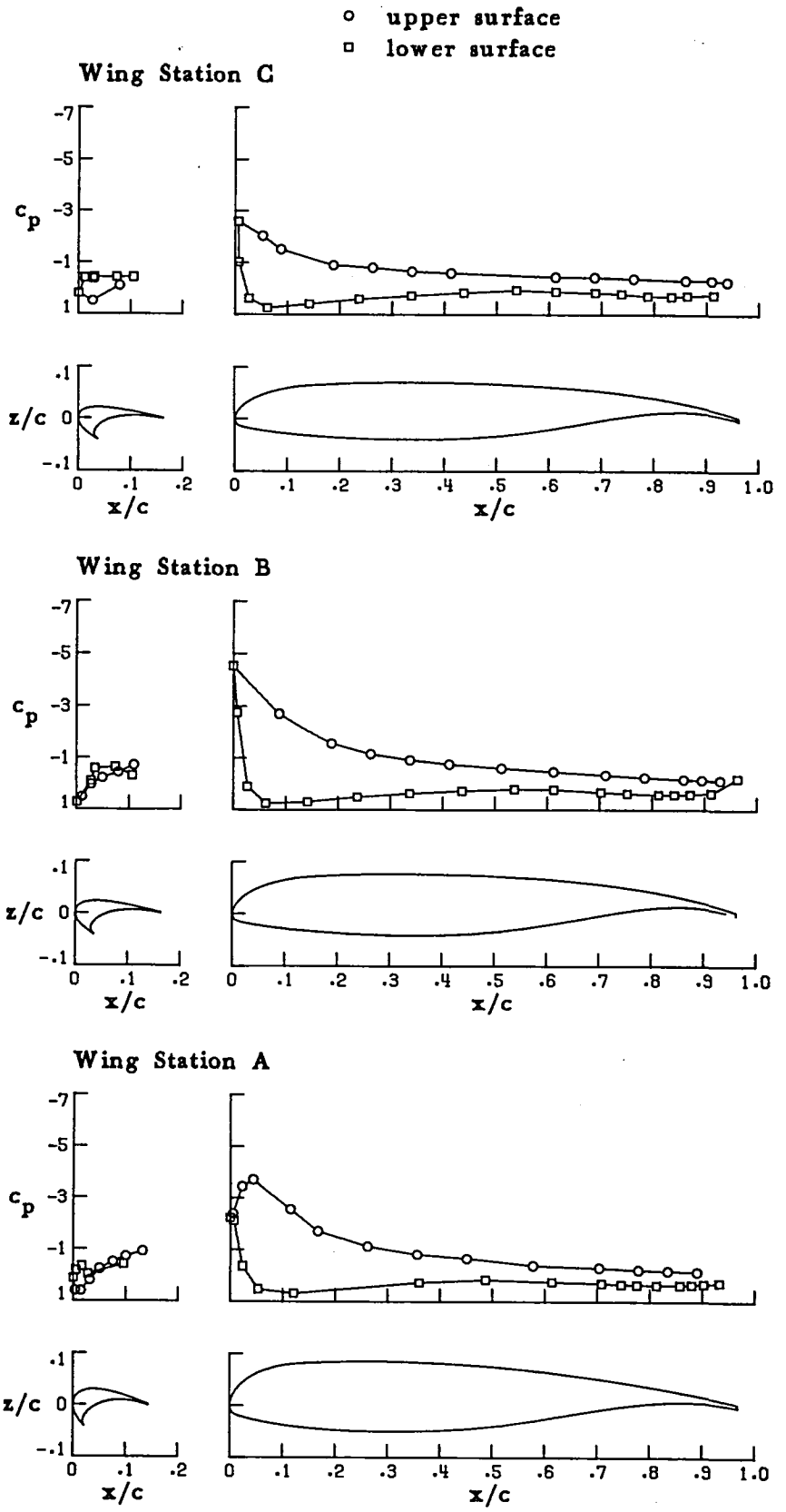
(e) α = 8.74

FIGURE 17. CONTINUED.



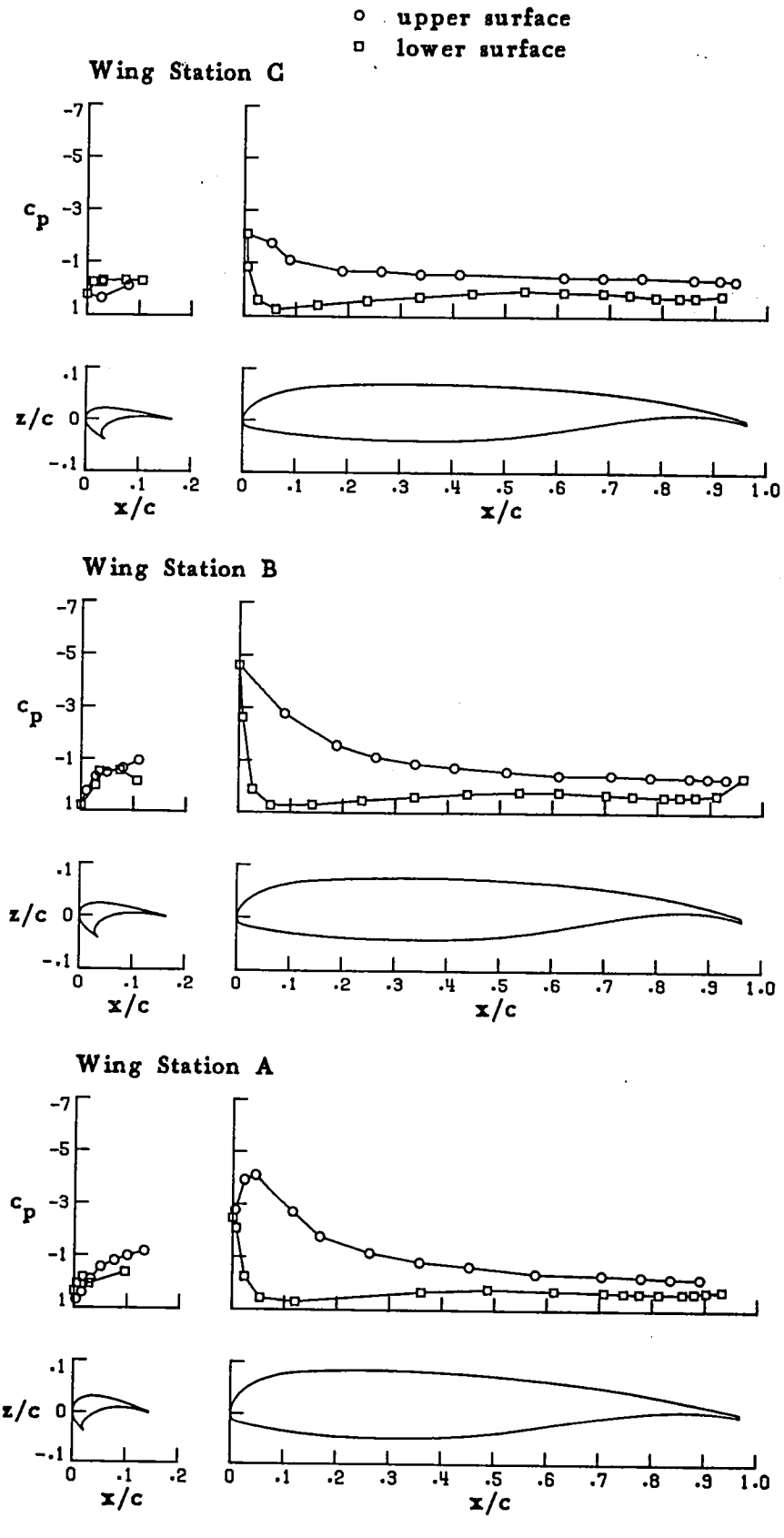
(f) α = 12.80

FIGURE 17. CONTINUED.



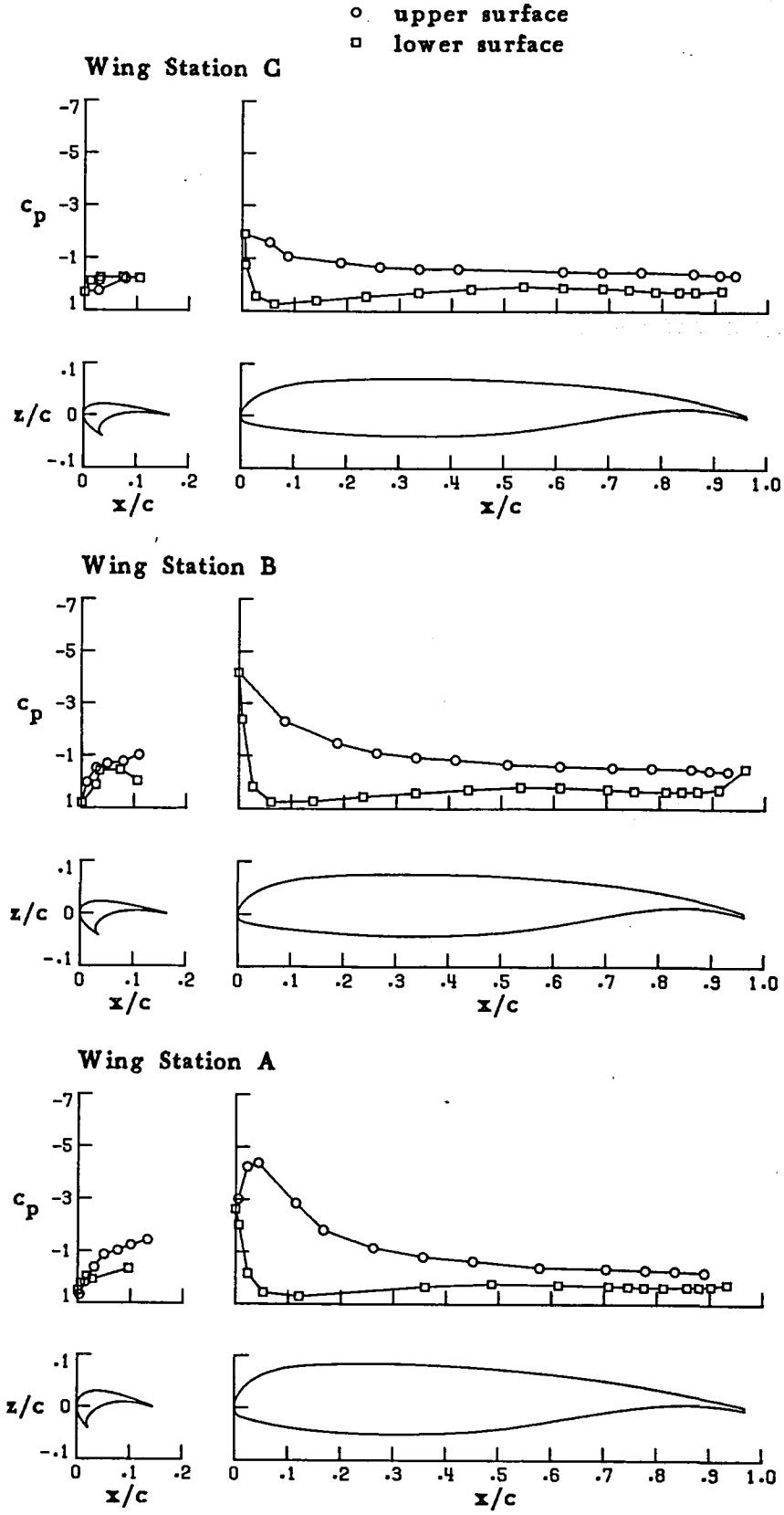
(g) α = 14.47

FIGURE 17. CONTINUED.



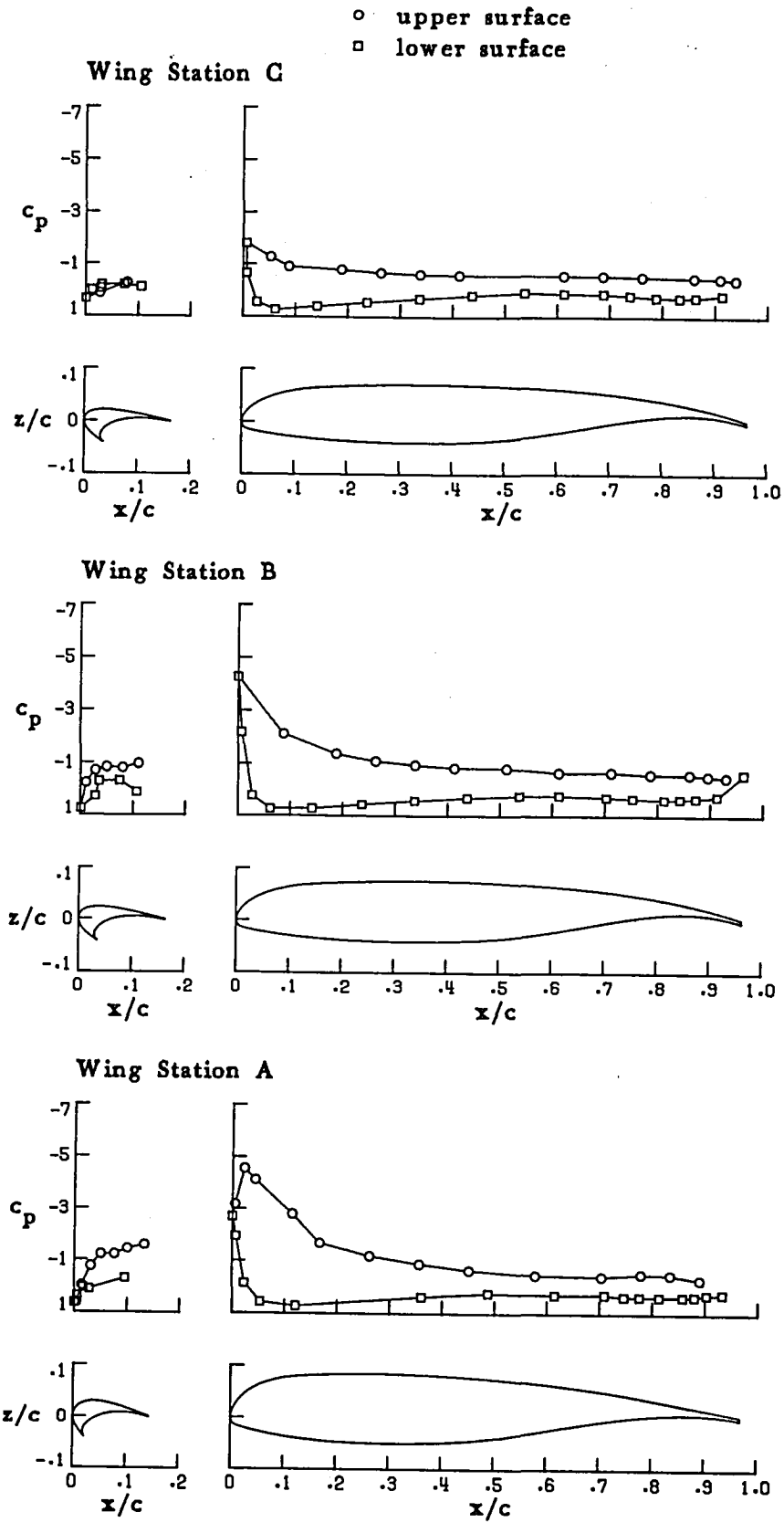
(h) α = 16.64

FIGURE 17. CONTINUED.



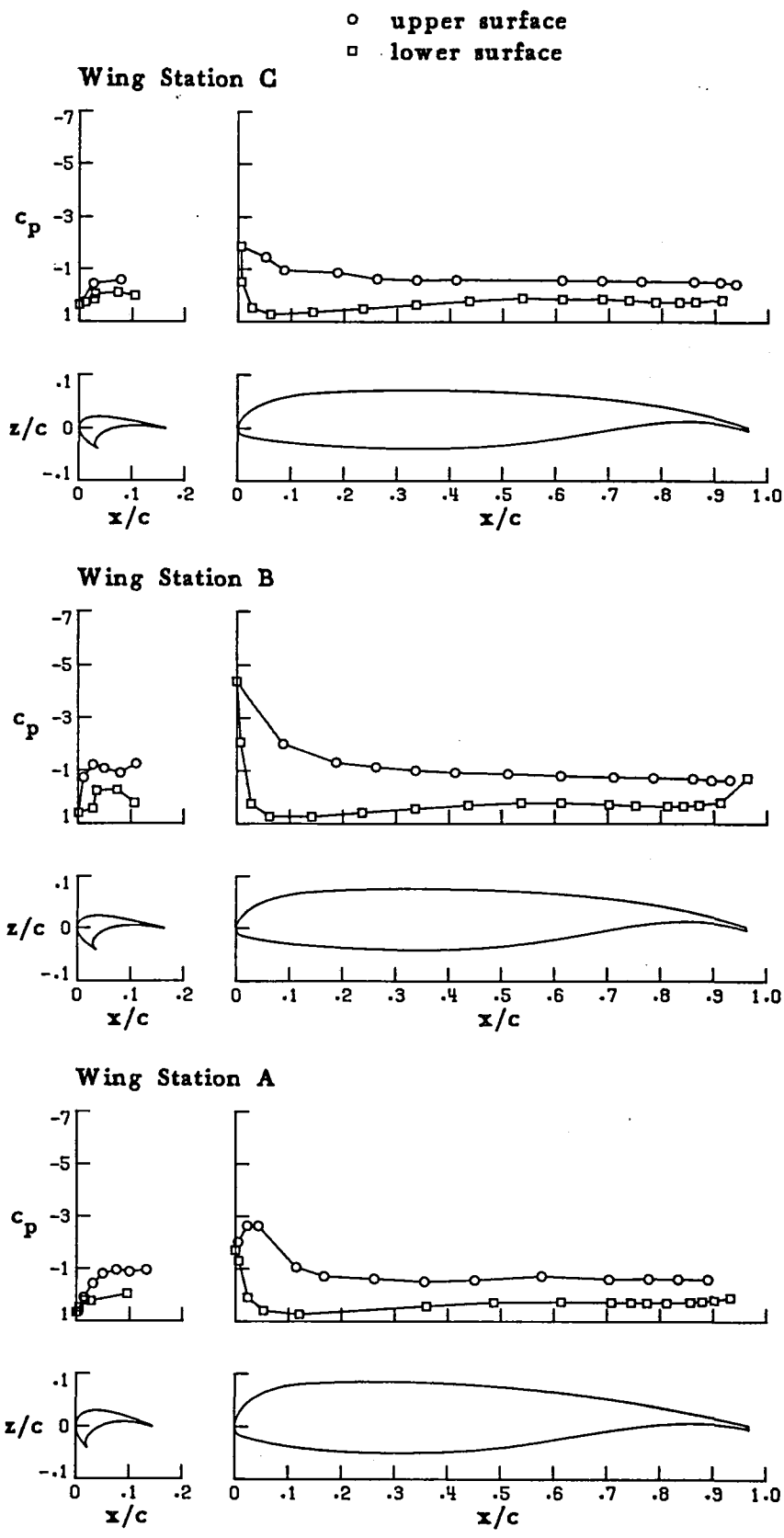
(i) α = 18.61

FIGURE 17. CONTINUED.



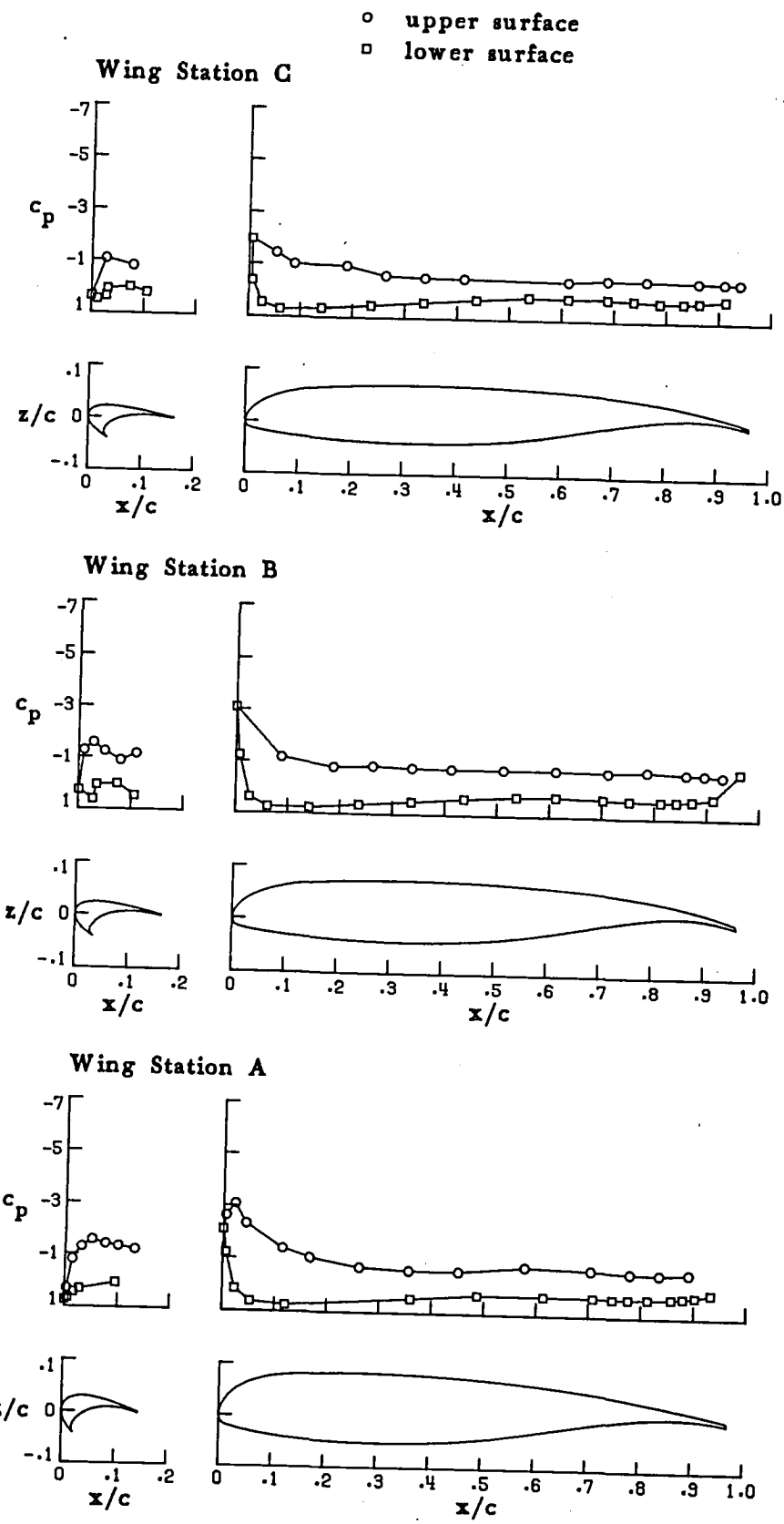
(j) α = 20.70

FIGURE 17. CONTINUED.



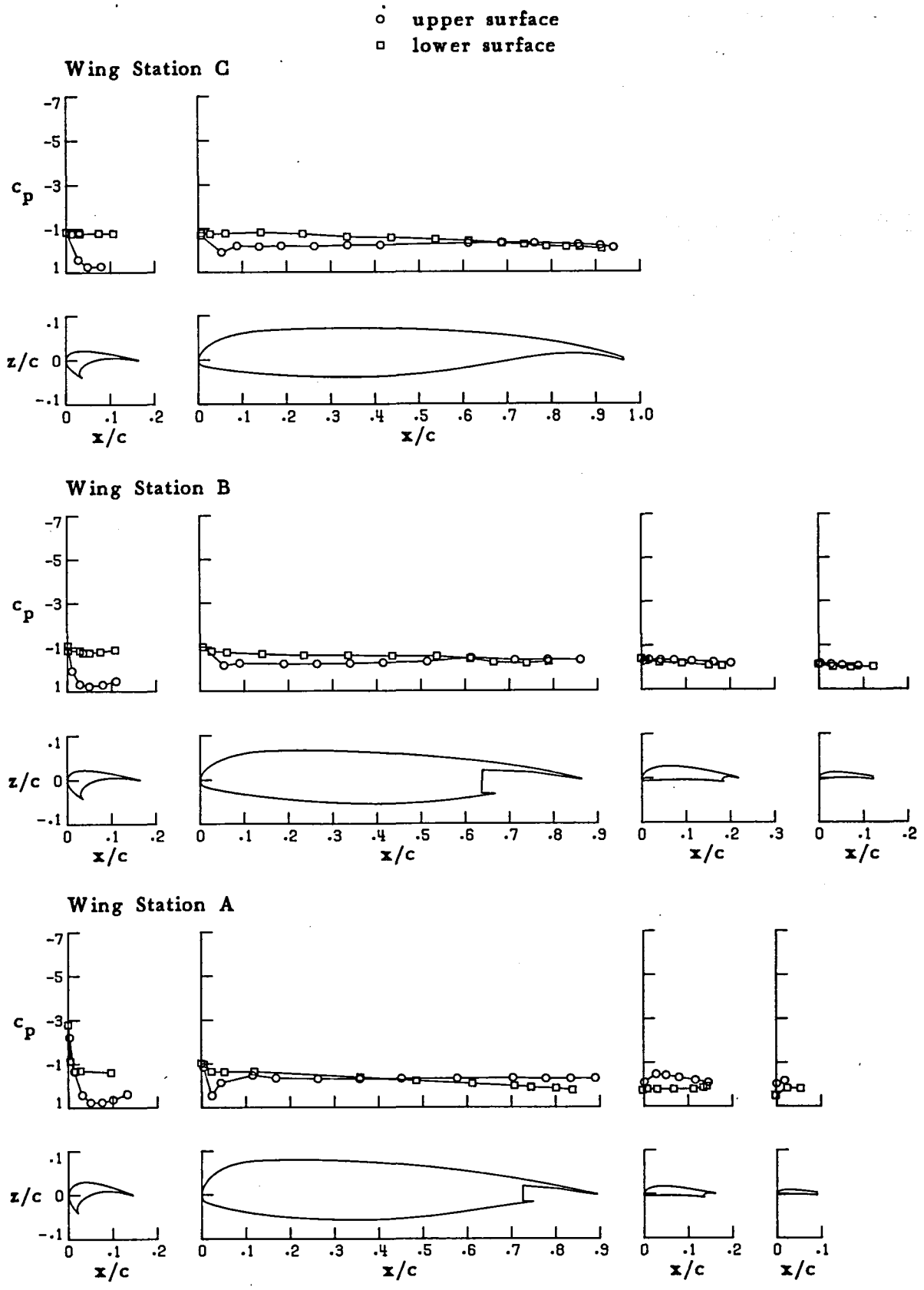
(k) α = 24.58

FIGURE 17. CONTINUED.



(l) α = 28.55

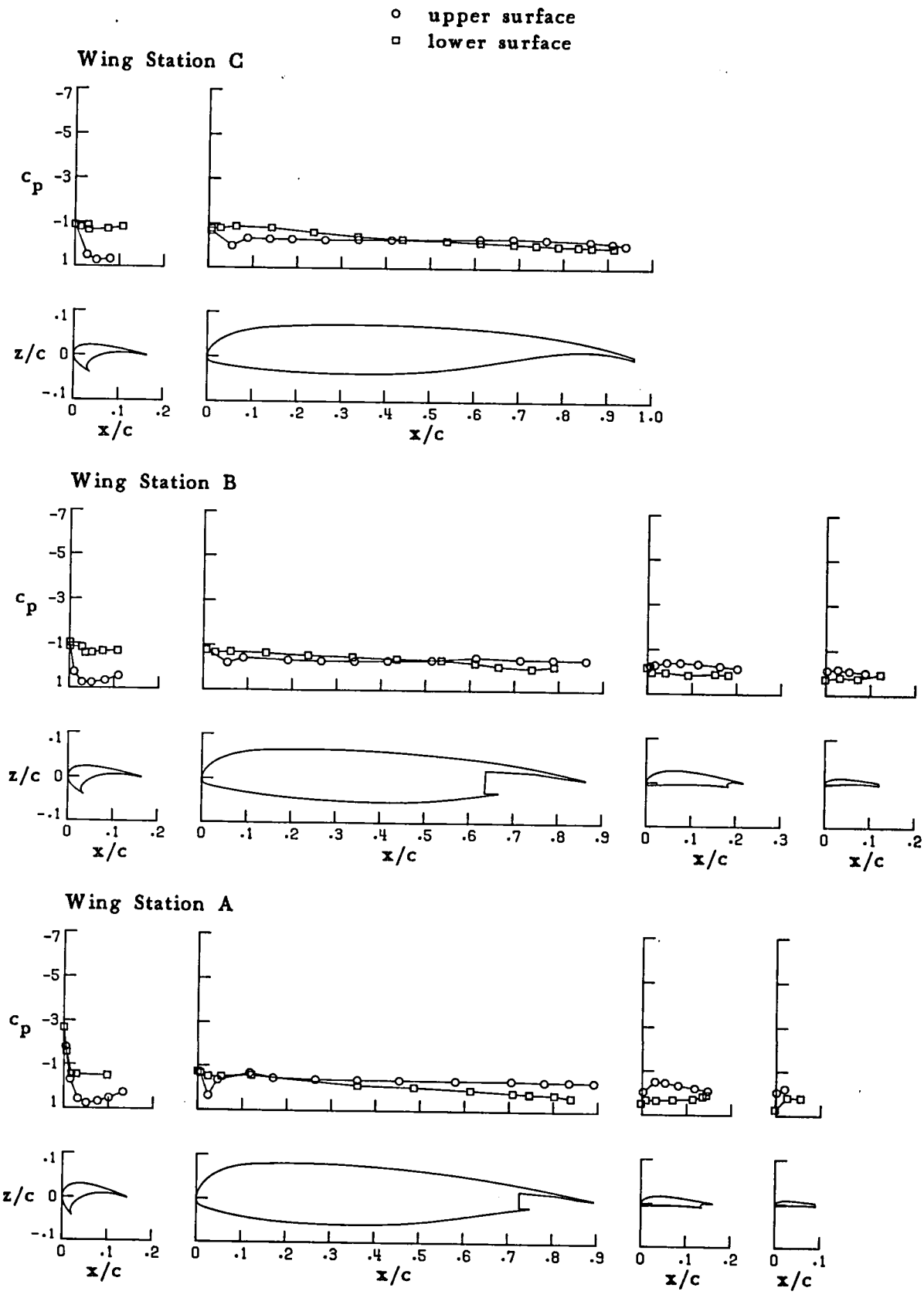
FIGURE 17. CONCLUDED.



(a) α = -5.92

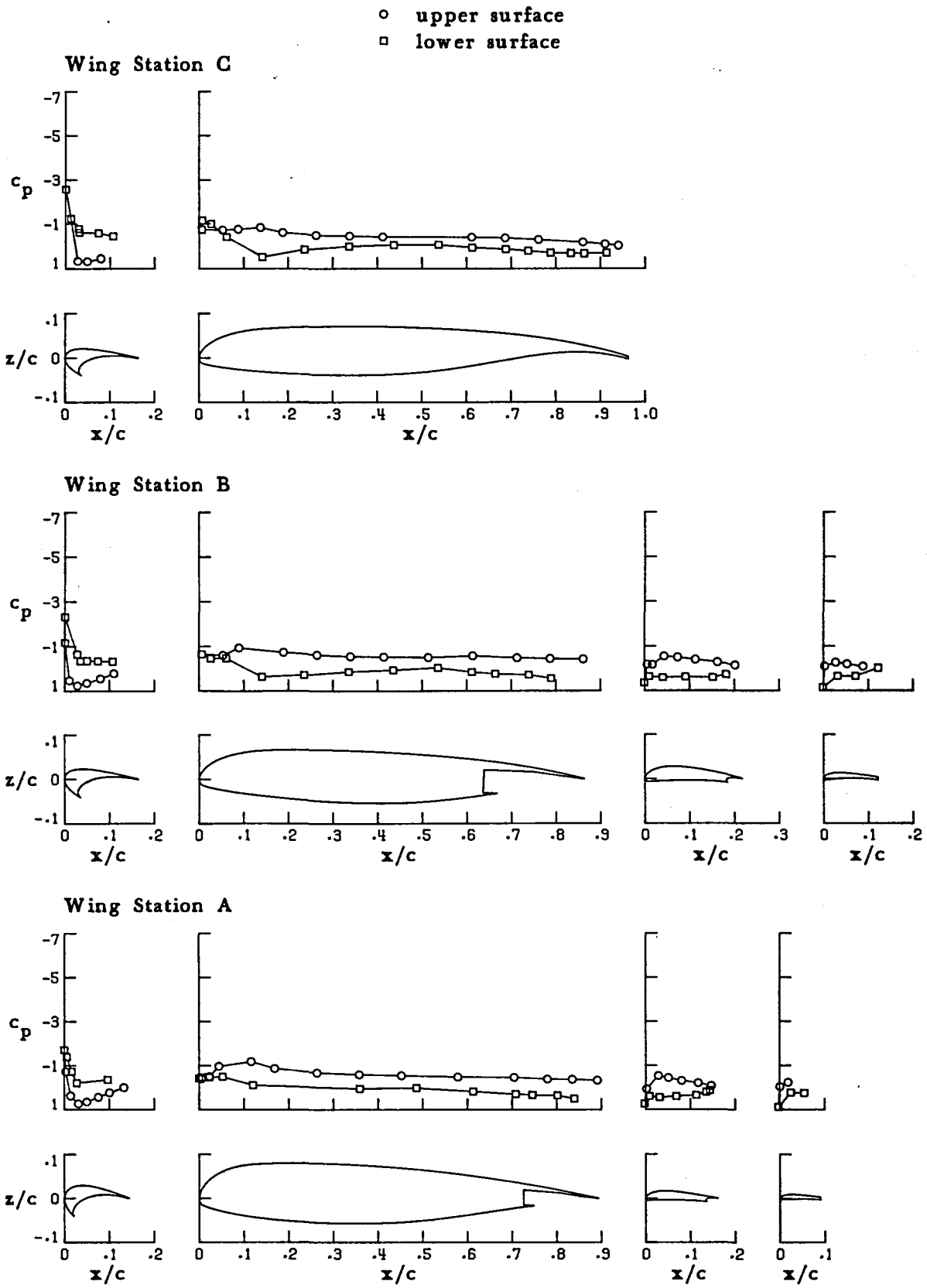
FIGURE 18. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 80.

TEST = 458 RUN = 80 POINT = 11



(b) α = -3.92

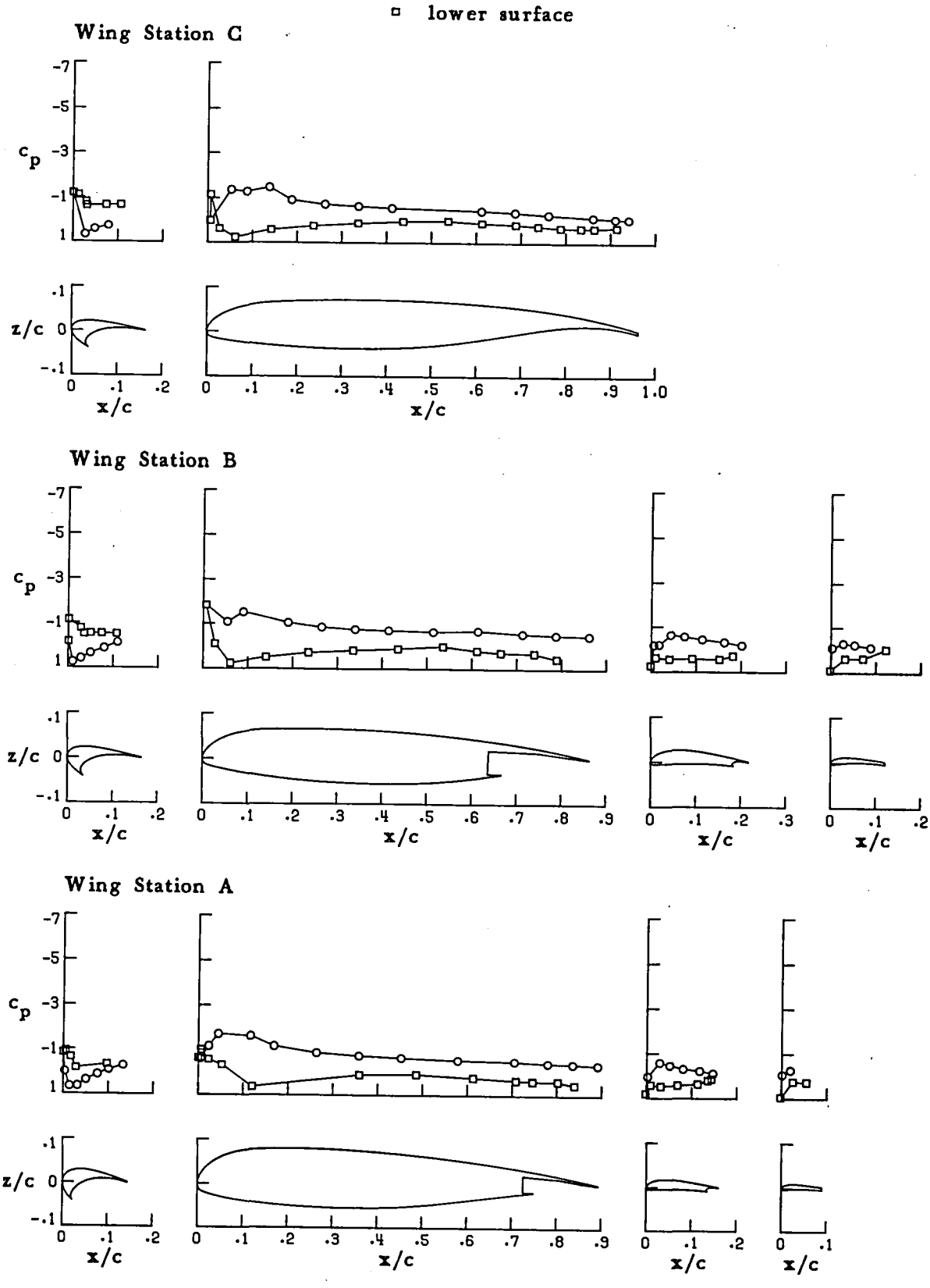
FIGURE 18. CONTINUED.



(c) α = .64

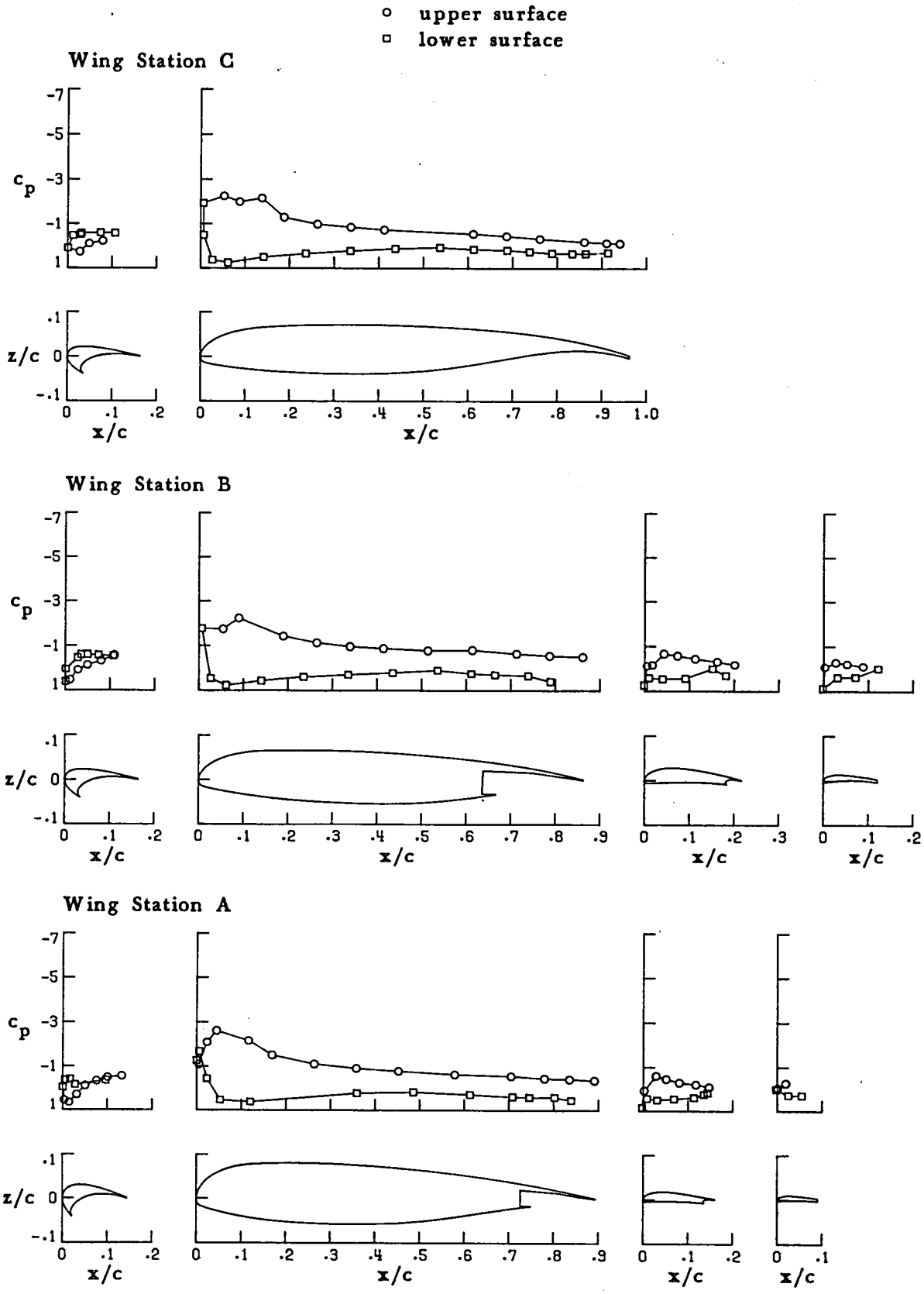
FIGURE 18. CONTINUED.

TEST = 498 RUN = 80 POINT = 14



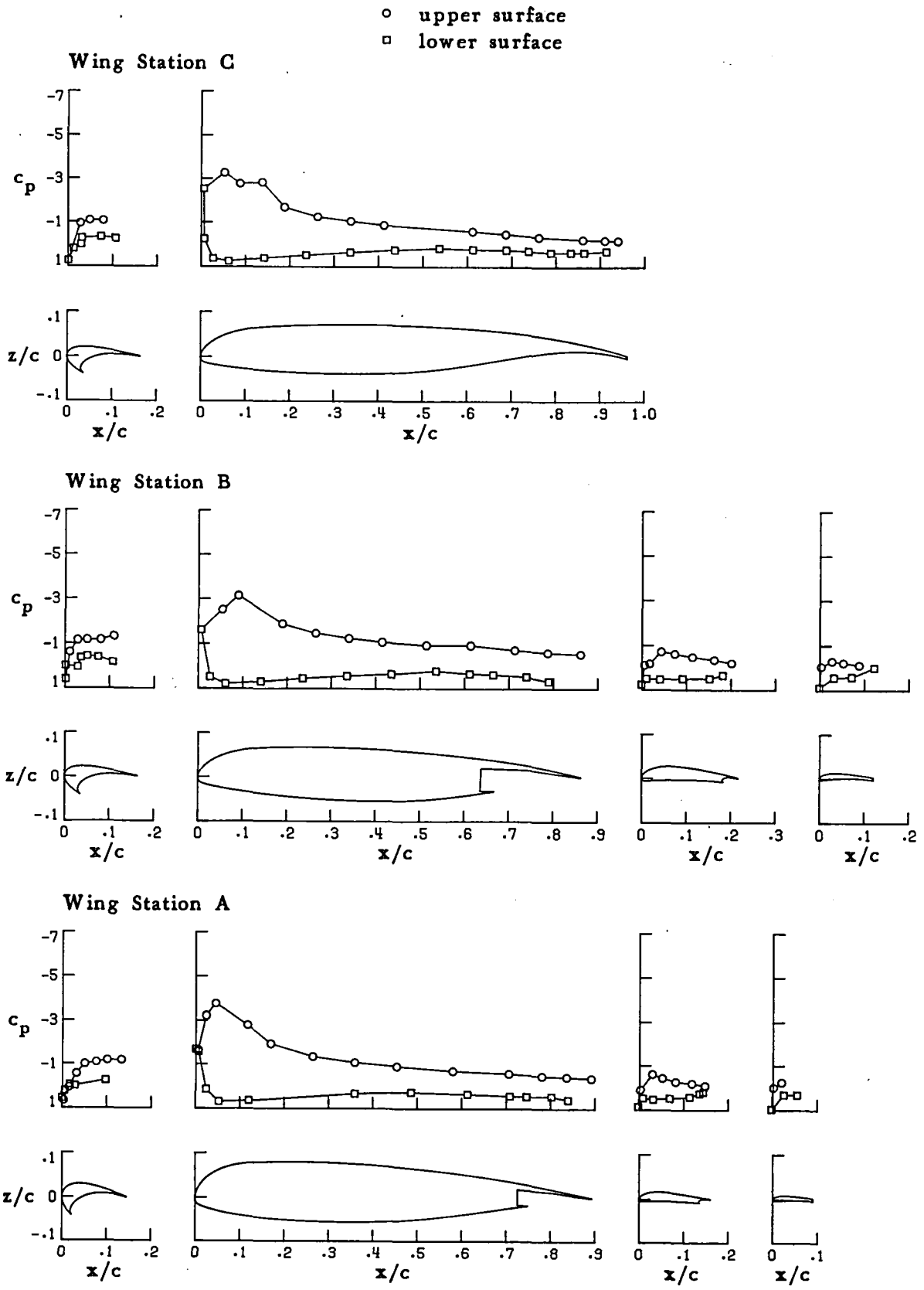
(d) α = 4.45

FIGURE 18. CONTINUED.



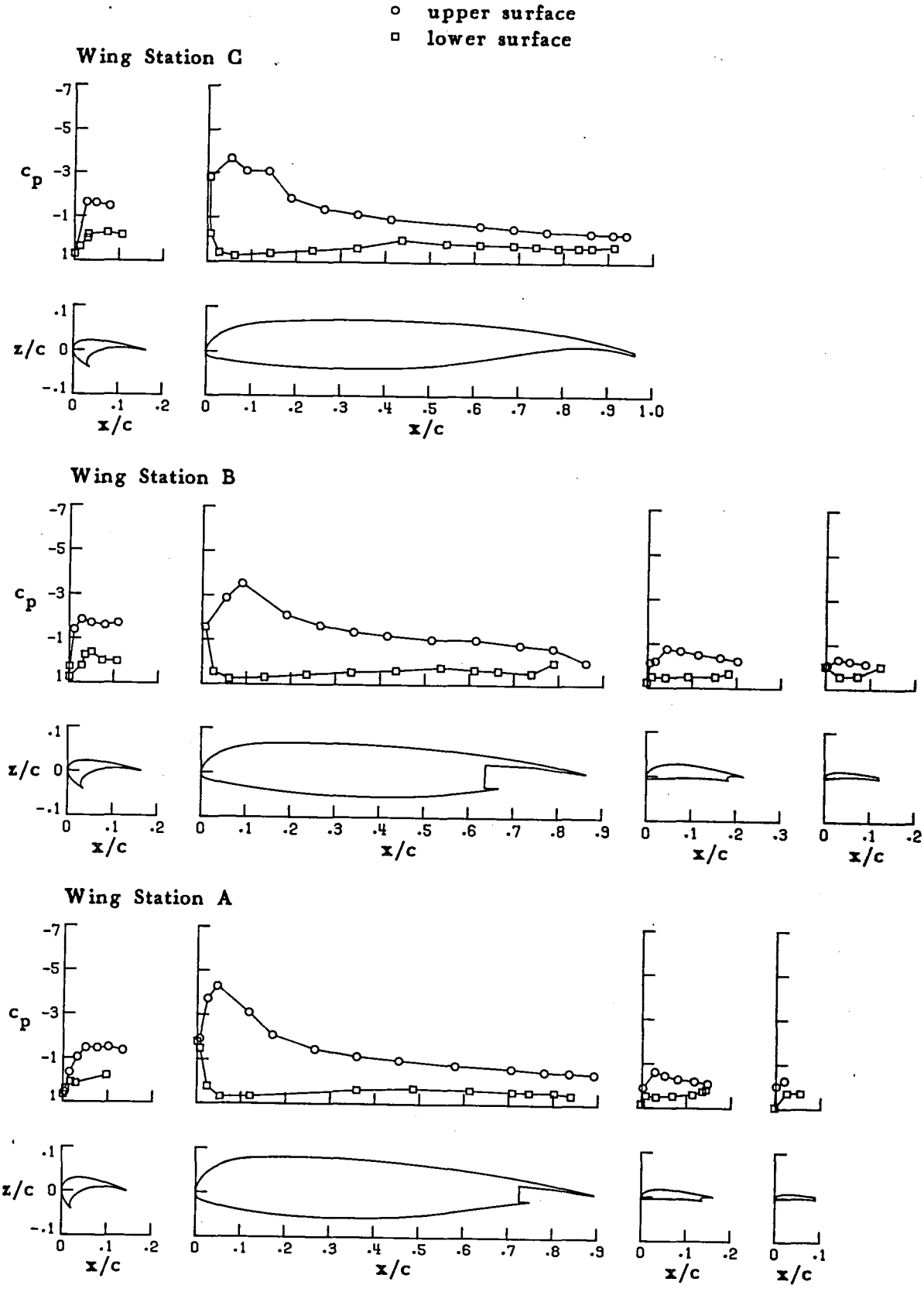
(e) α = 8.49

FIGURE 18. CONTINUED.



(f) α = 12.96

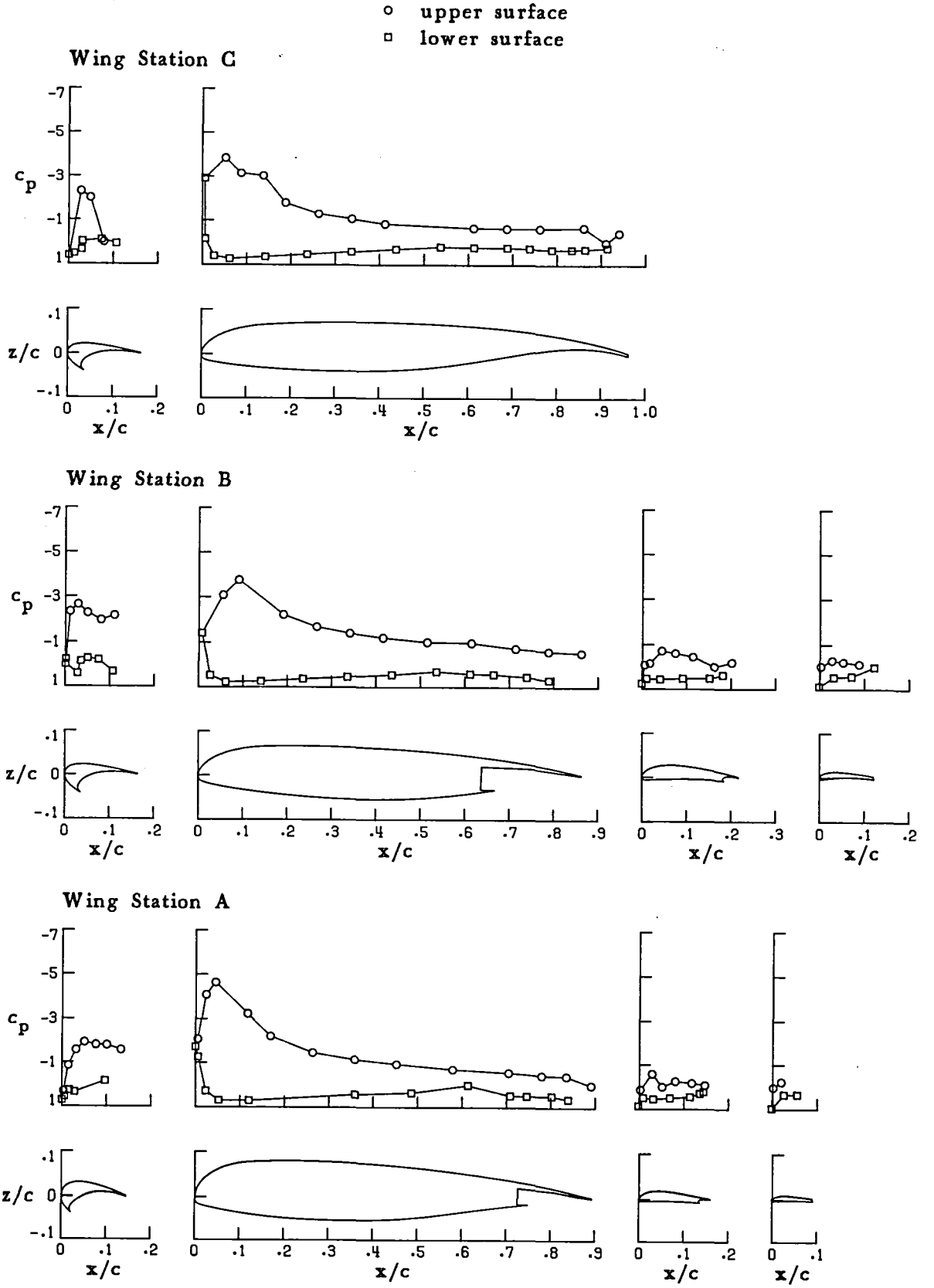
FIGURE 18. CONTINUED.



(g) α = 14.88

FIGURE 18. CONTINUED.

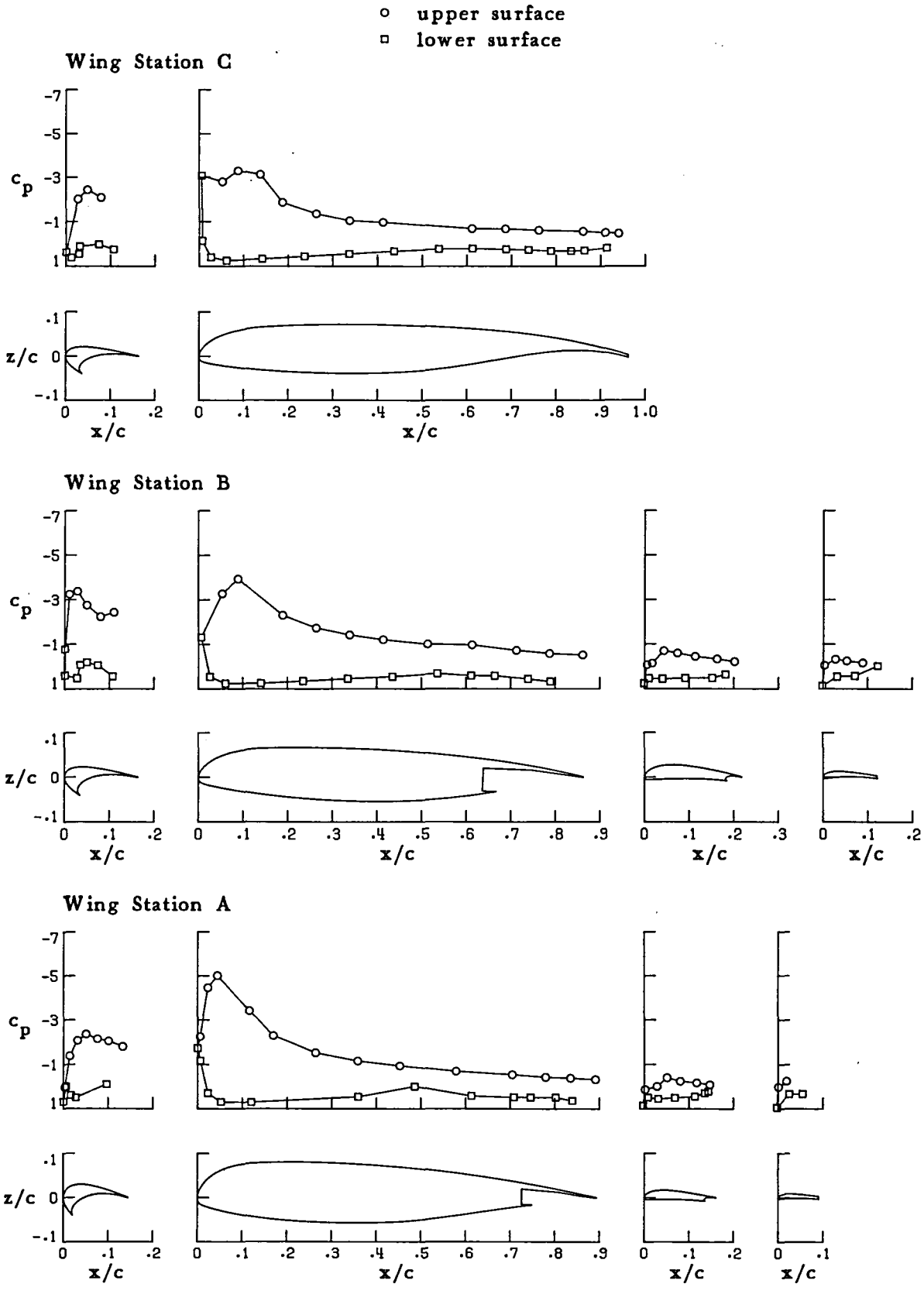
TEST = 496 RUN = 80 POINT = 21



(h) α = 16.90

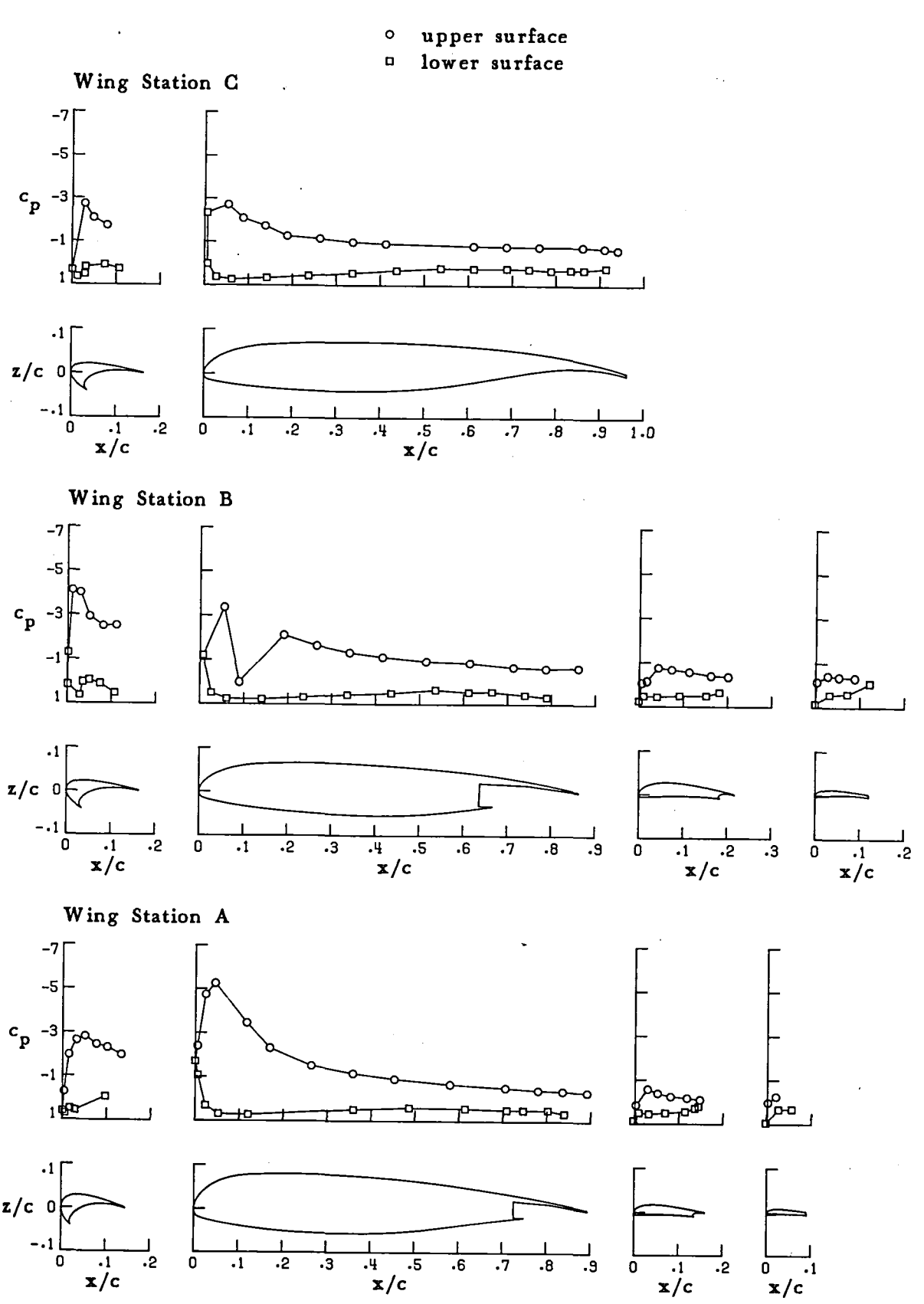
FIGURE 18. CONTINUED.

TEST = 496 RUN = 80 POINT = 22



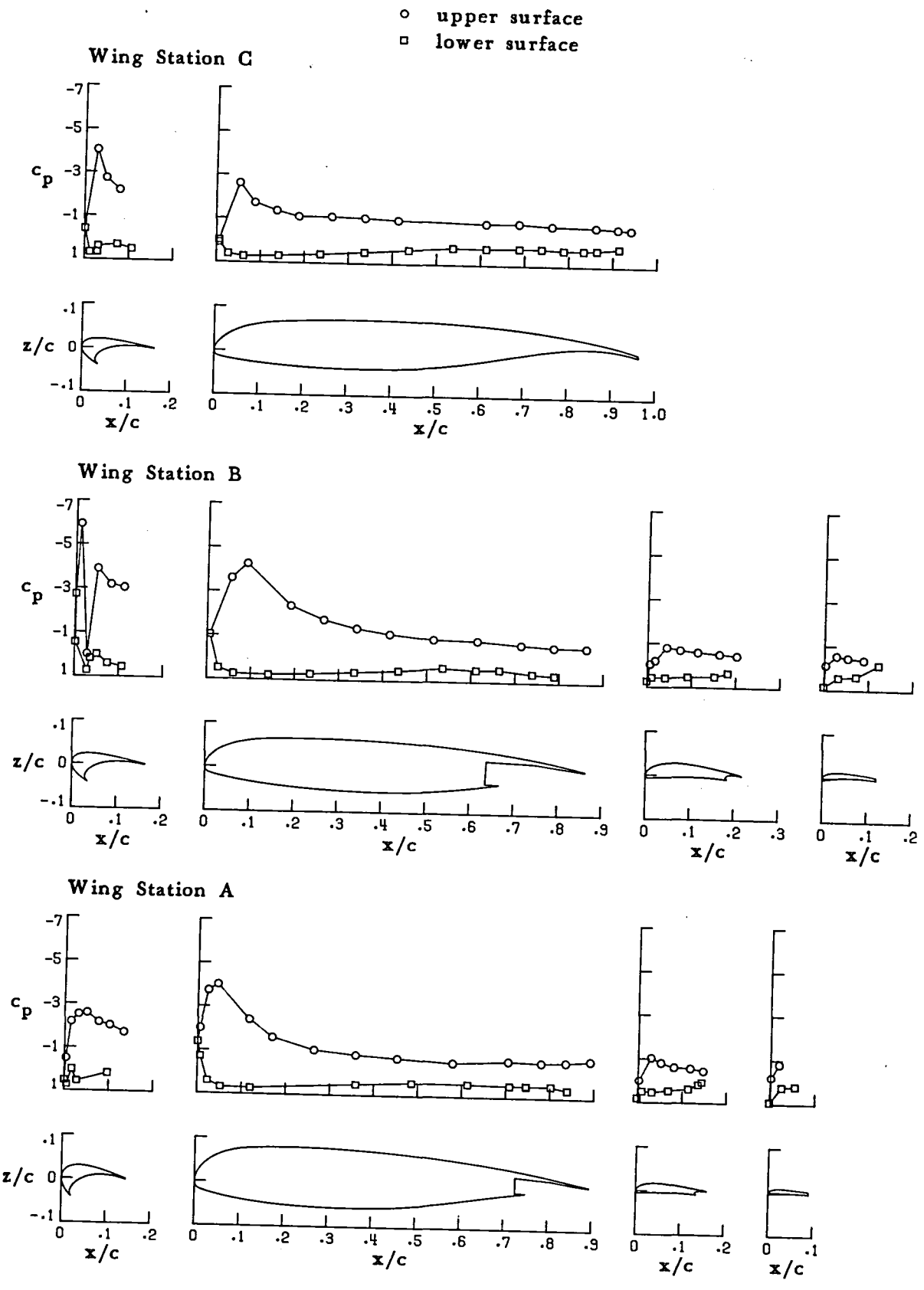
(i) α = 18.87

FIGURE 18. CONTINUED.



(j) α = 20.94

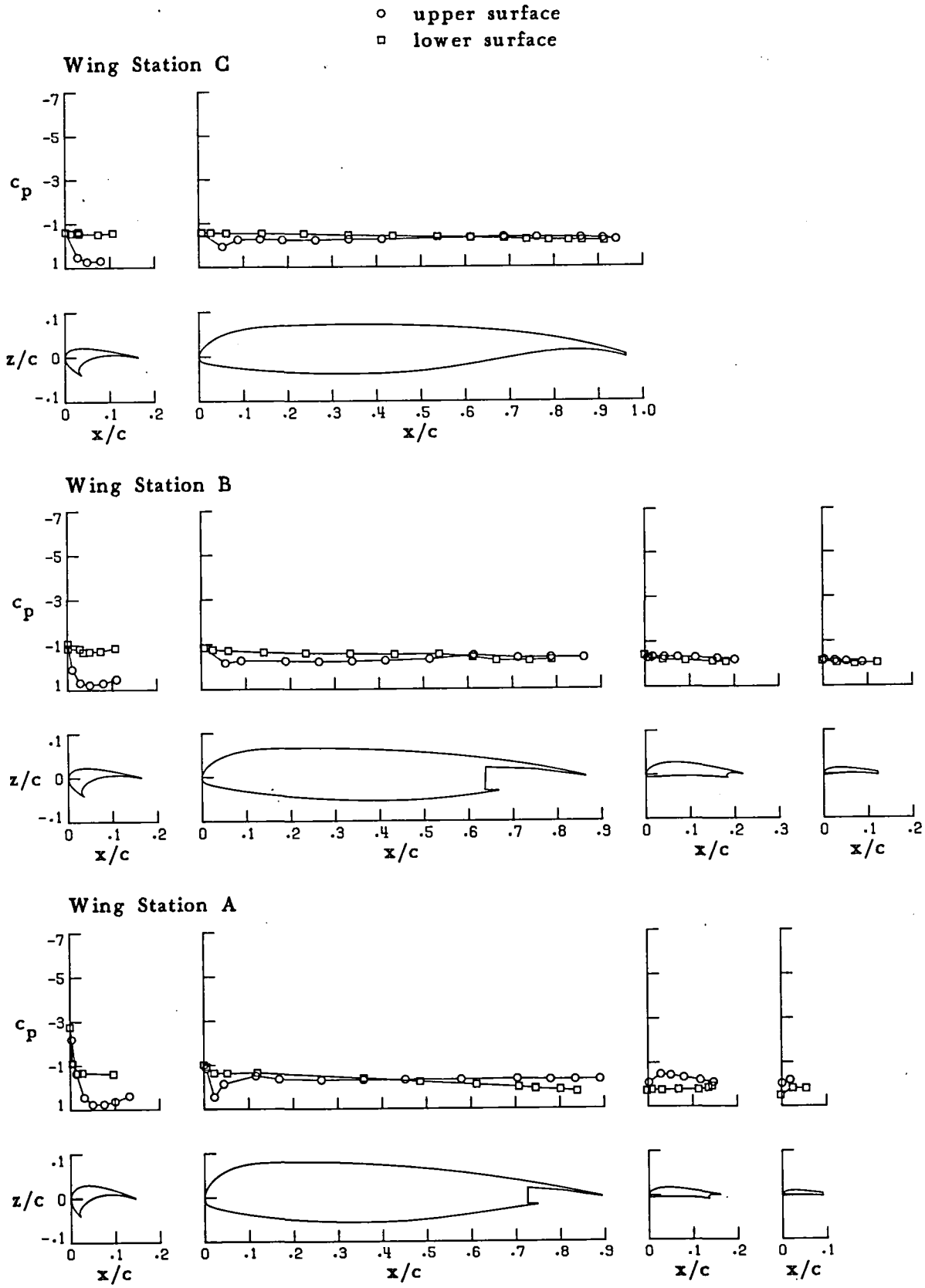
FIGURE 18. CONTINUED.



(k) α = 25.21

FIGURE 18 . CONCLUDED.

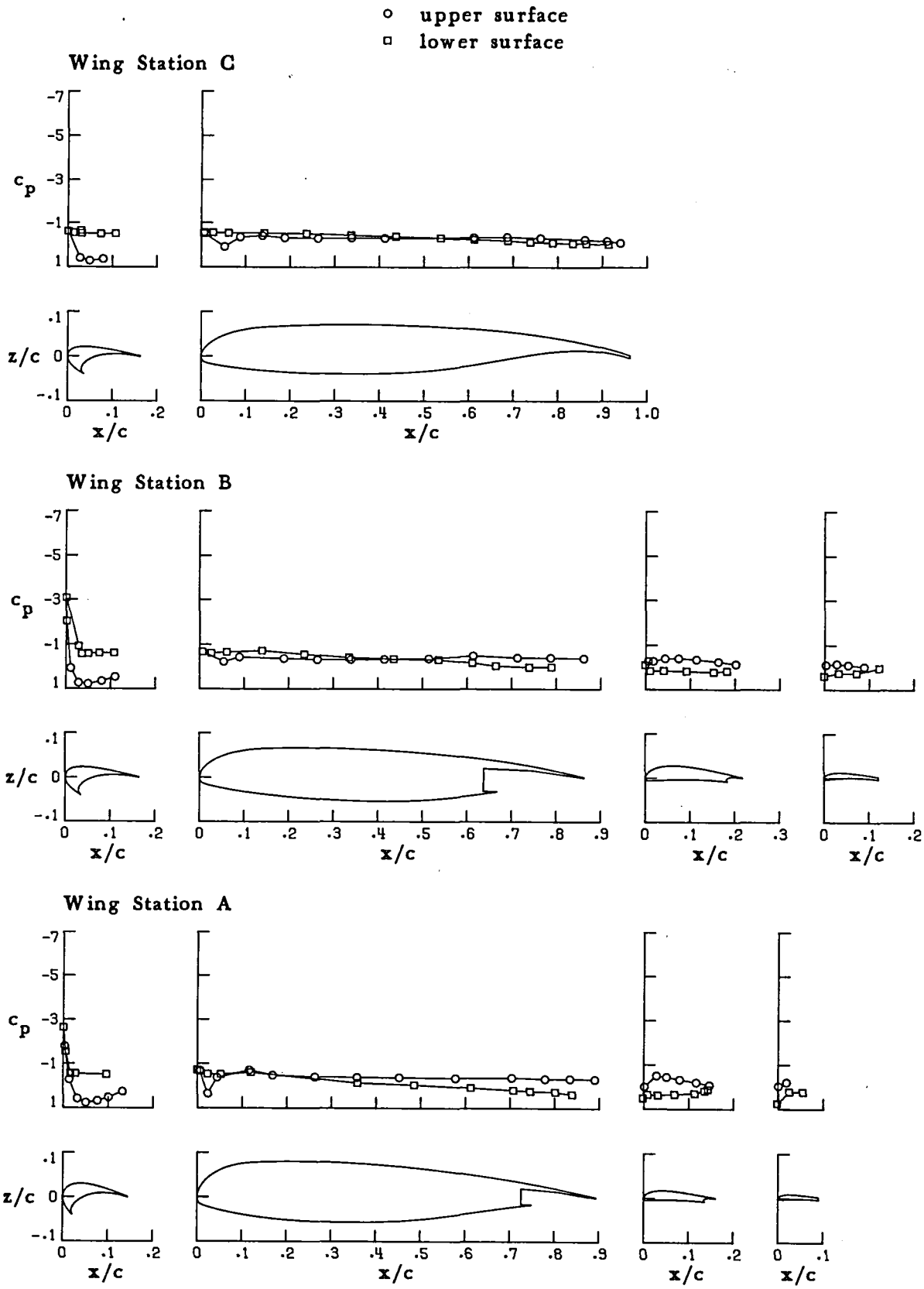
TEST = 498 RUN = 80 POINT = 26



(a) α = -5.99

FIGURE 19. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 76.

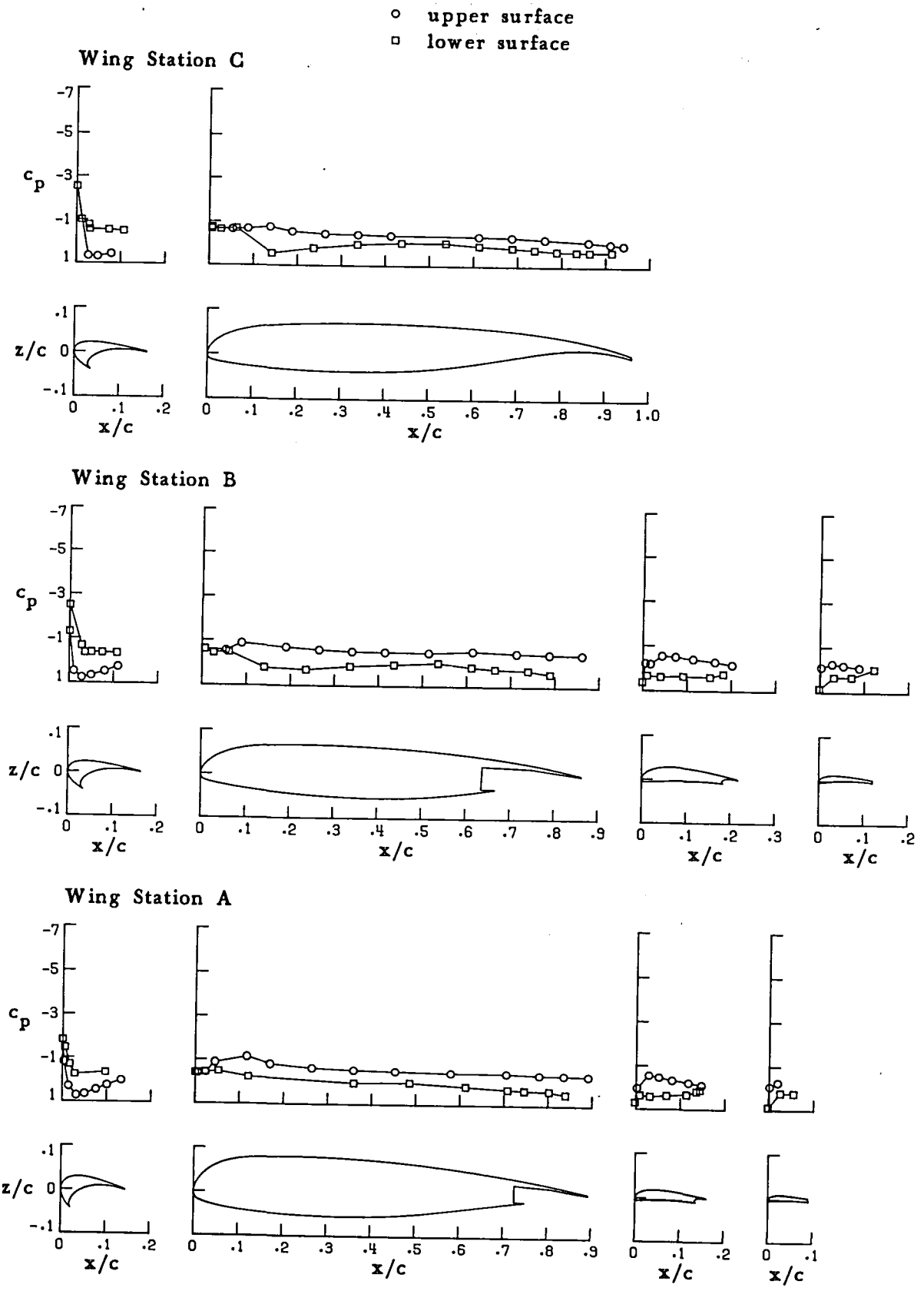
TEST = 496 RUN = 76 POINT = 16



(b) α = -3.83

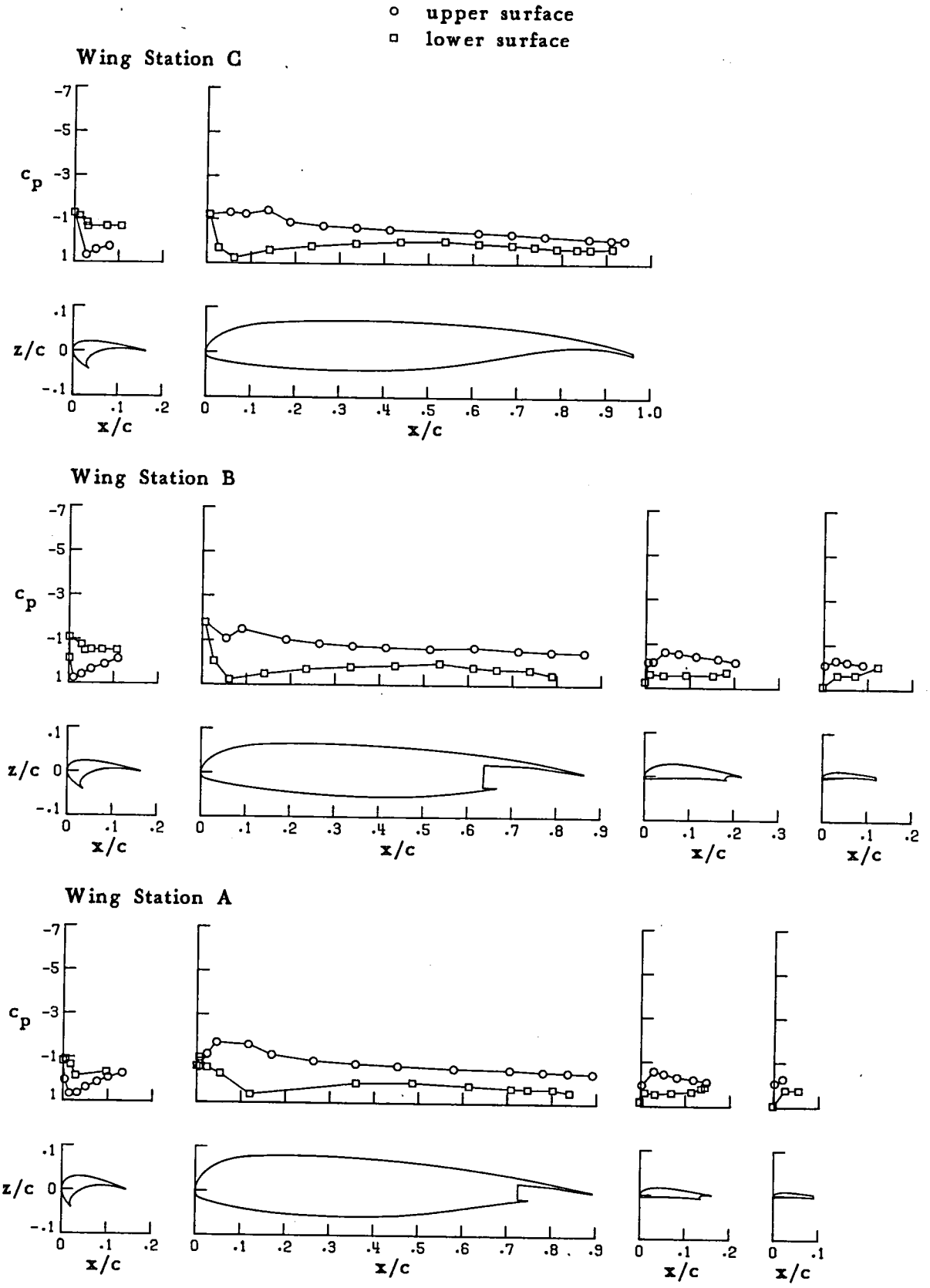
FIGURE 19. CONTINUED.

TEST = 496 RUN = 76 POINT = 17



(c) α = .43

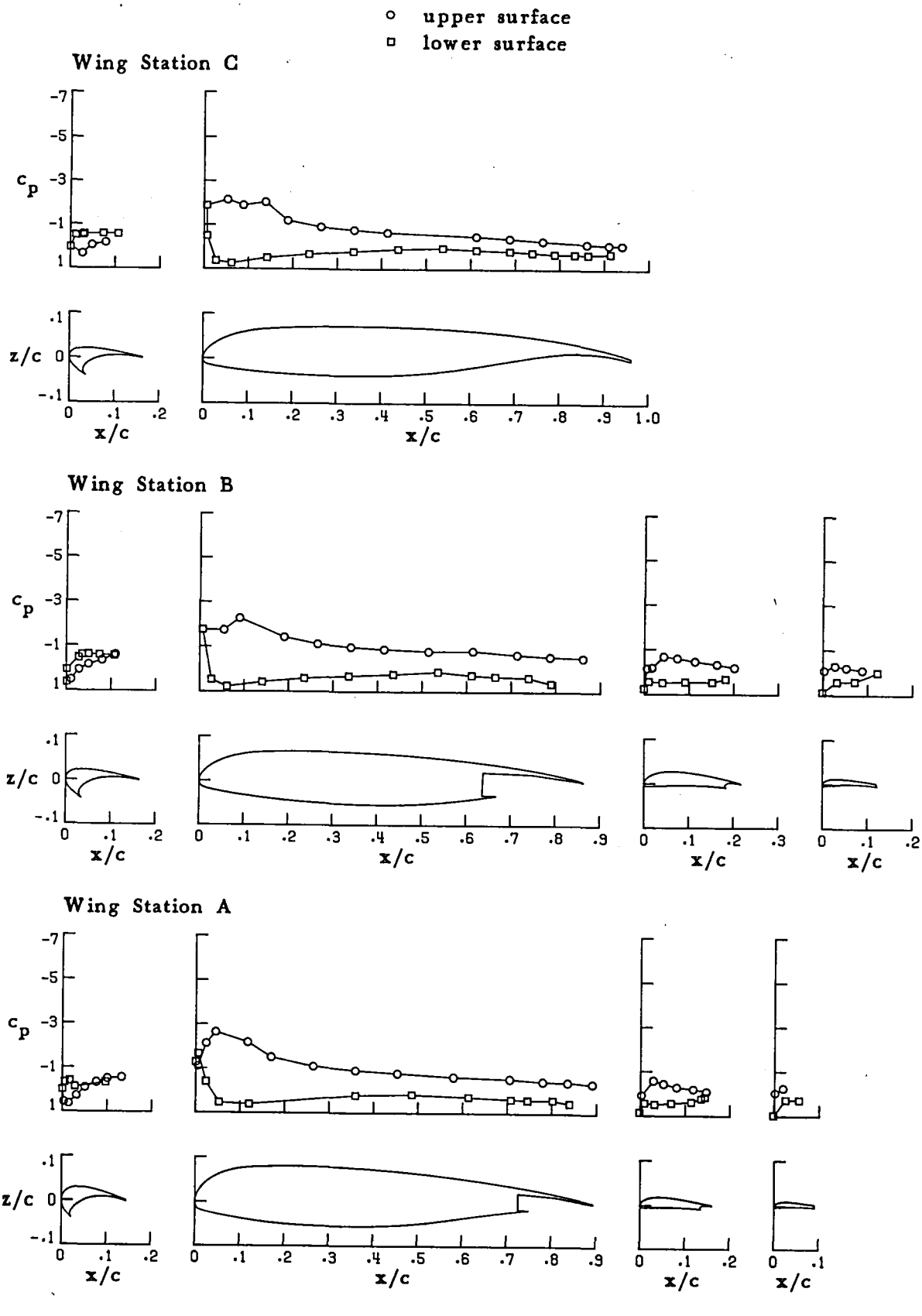
FIGURE 19. CONTINUED.



(d) α = 4.45

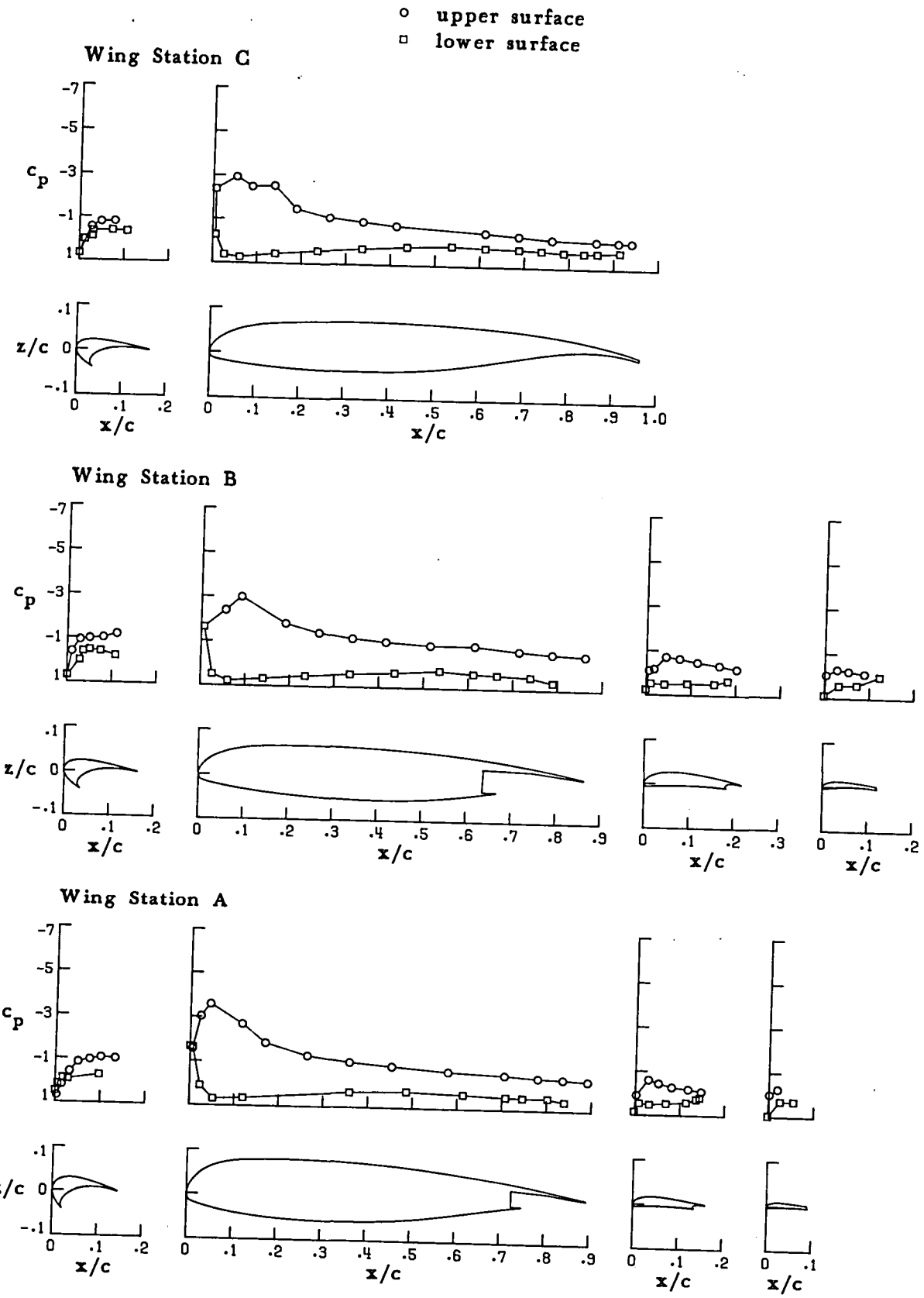
FIGURE 19. CONTINUED.

TEST = 456 RUN = 76 POINT = 21



(e) α = 8.57

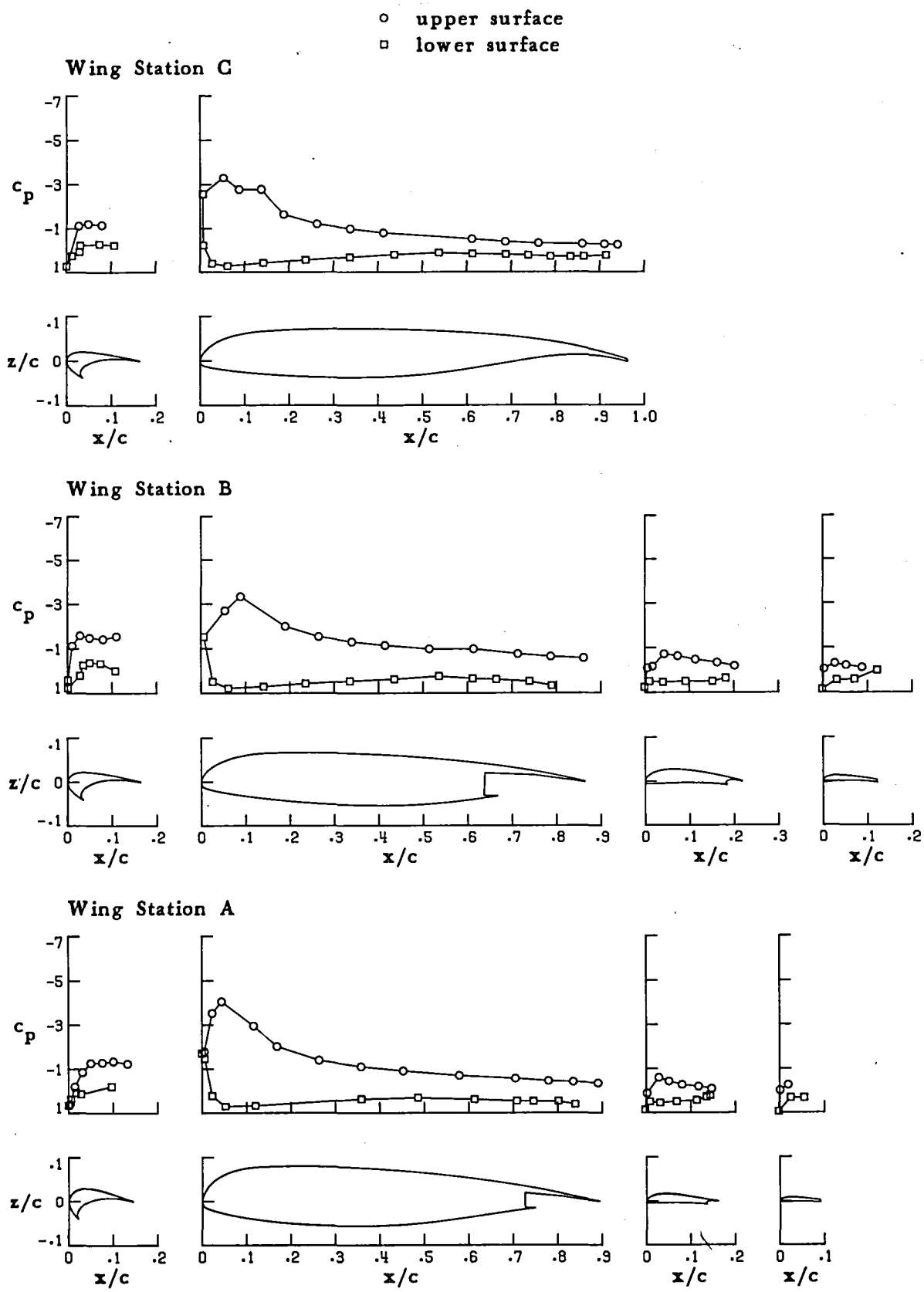
FIGURE 19. CONTINUED.



(f) α = 12.68

FIGURE 19. CONTINUED.

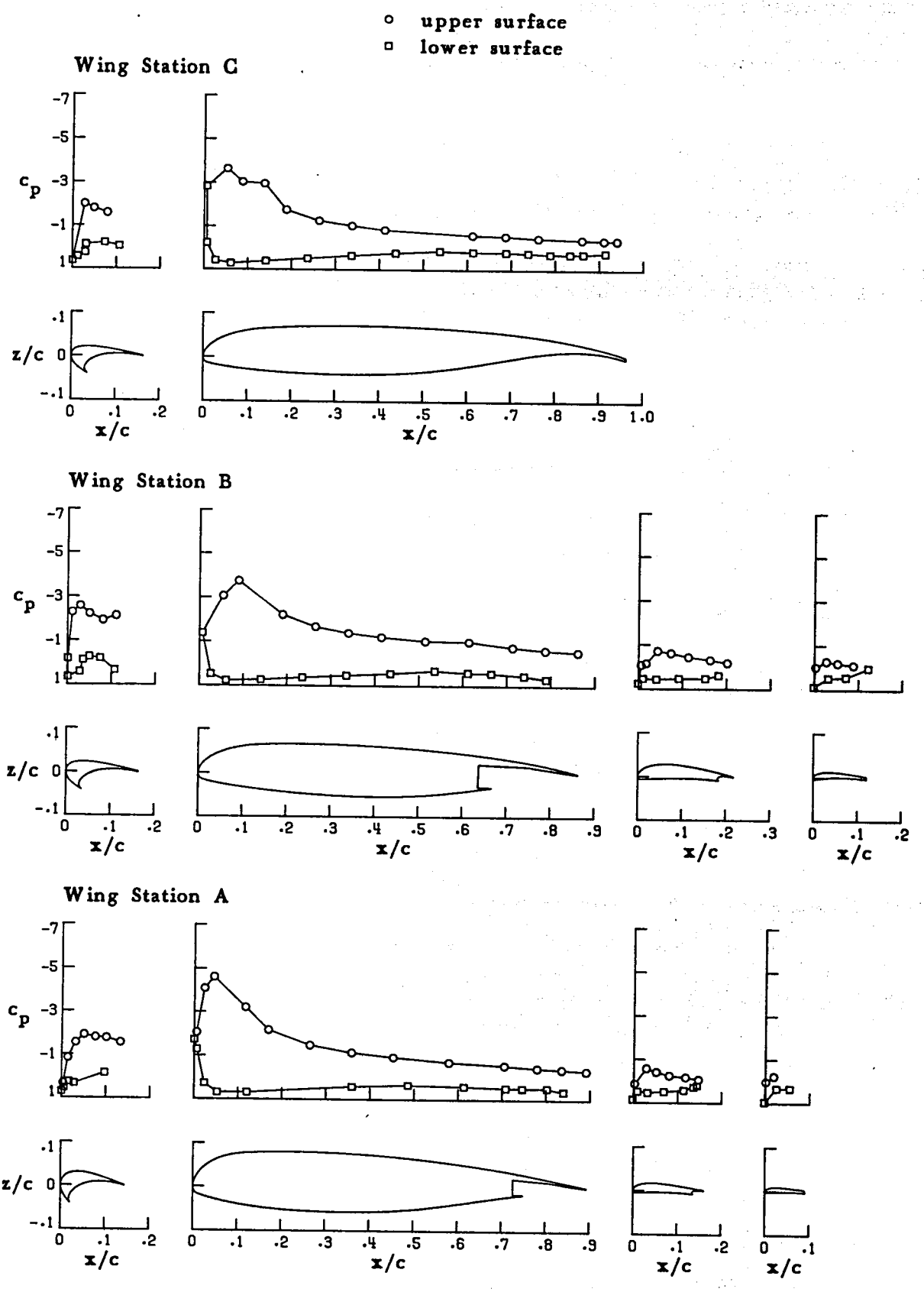
TEST = 496 RUN = 76 POINT = 25



(g) α = 14.66

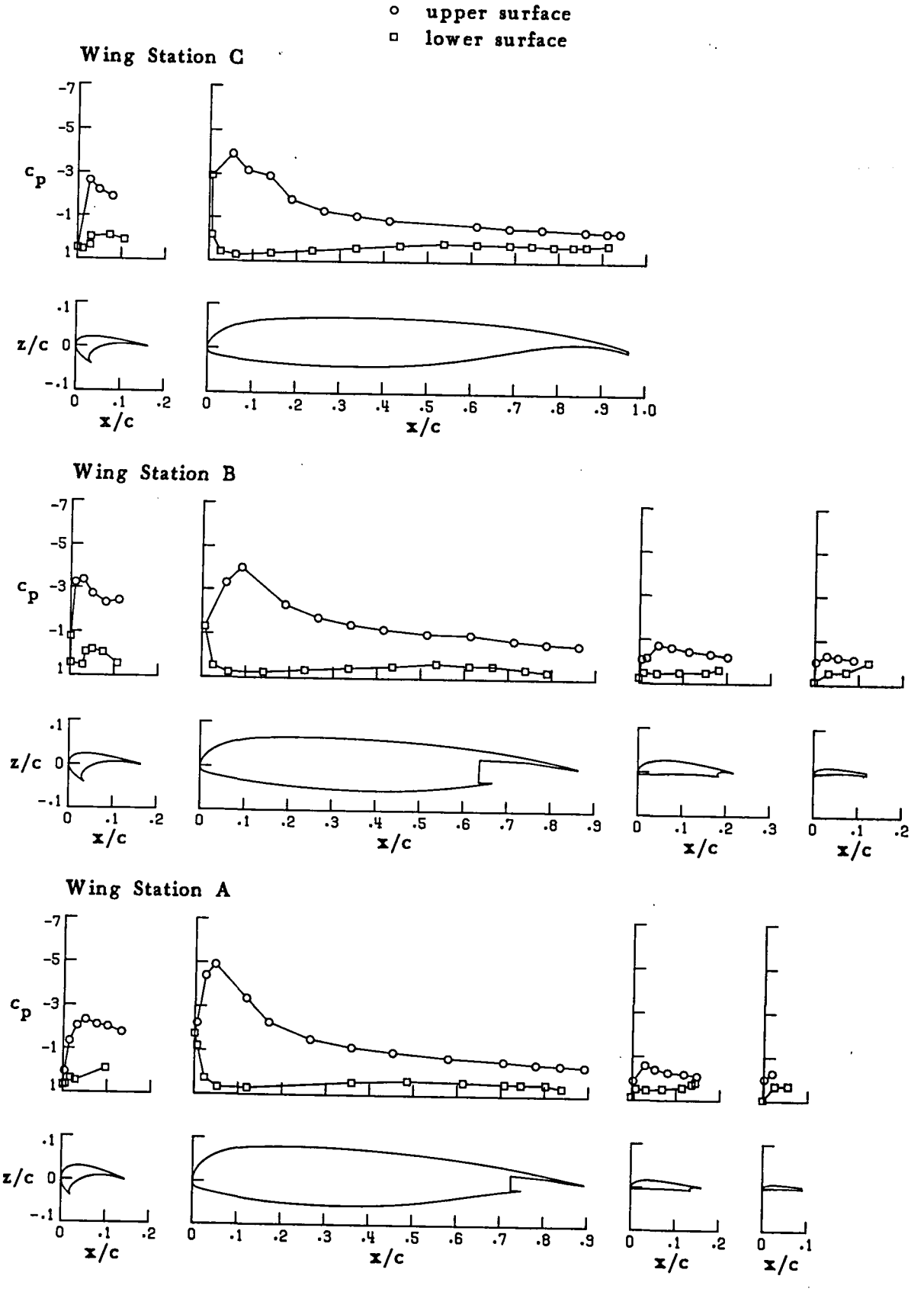
FIGURE 19. CONTINUED.

TEST = 456 RUN = 78 POINT = 28



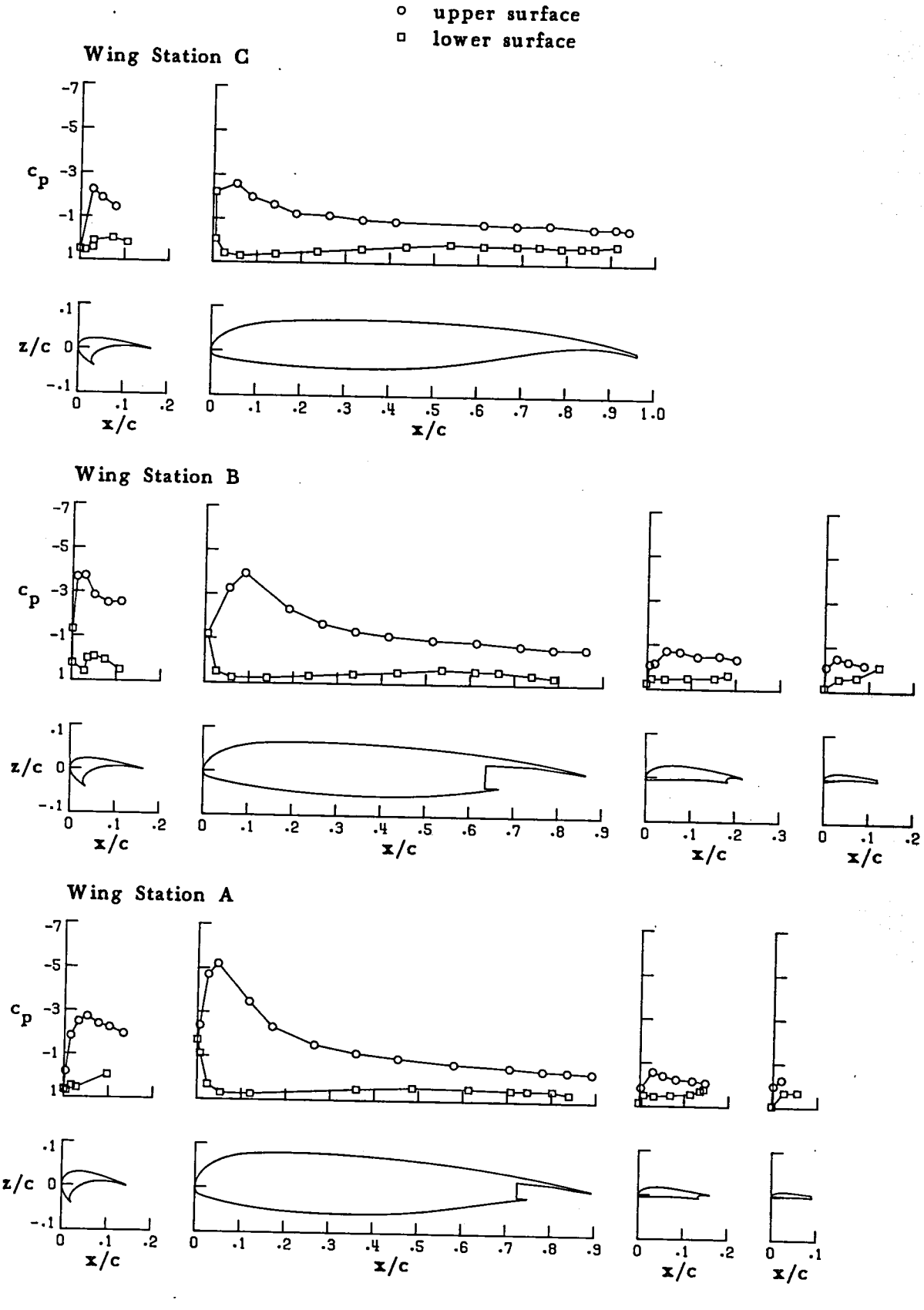
(h) α = 16.89

FIGURE 19. CONTINUED.



(i) α = 18.97

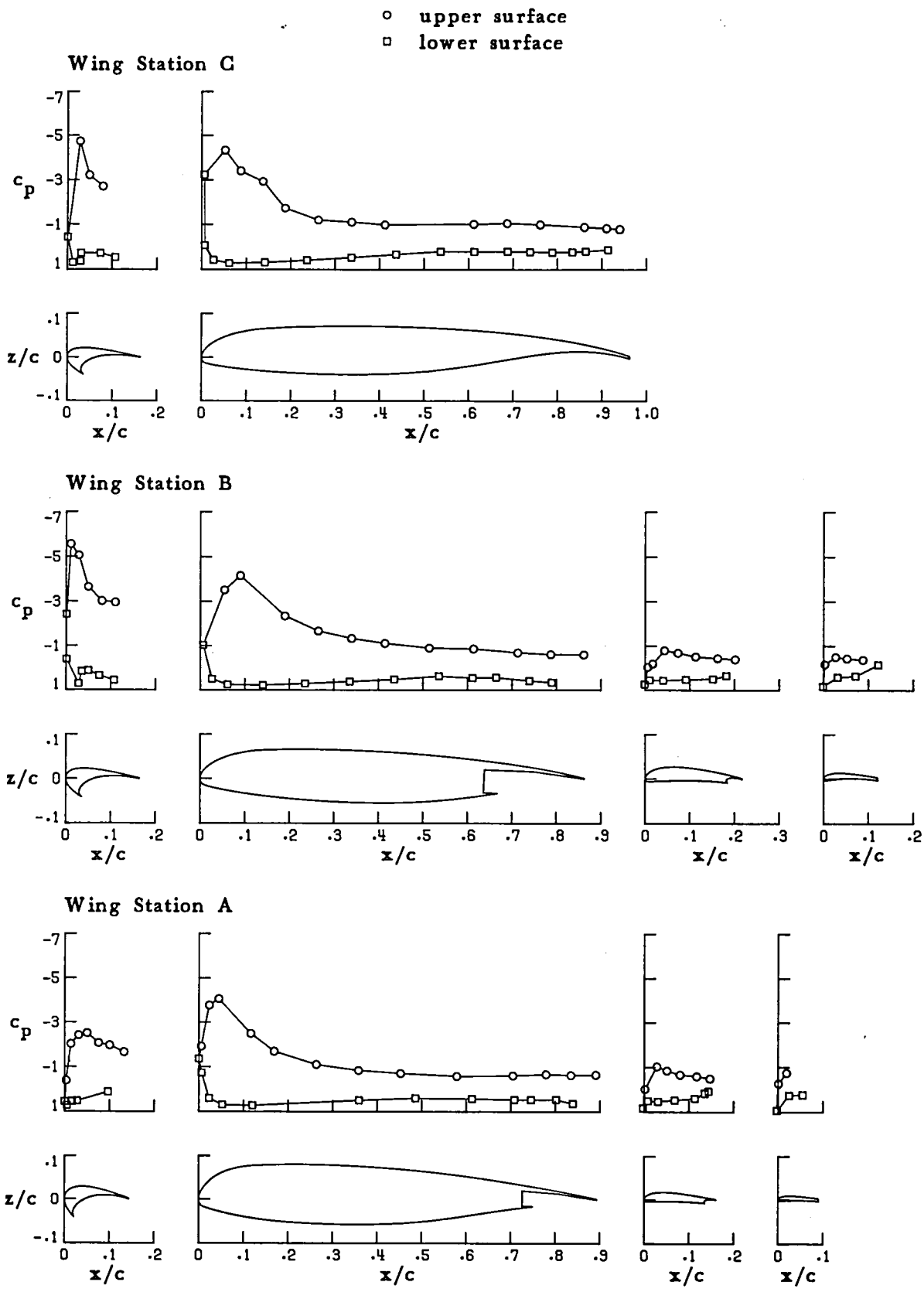
FIGURE 19. CONTINUED.



(j) α = 20.77

FIGURE 19. CONTINUED.

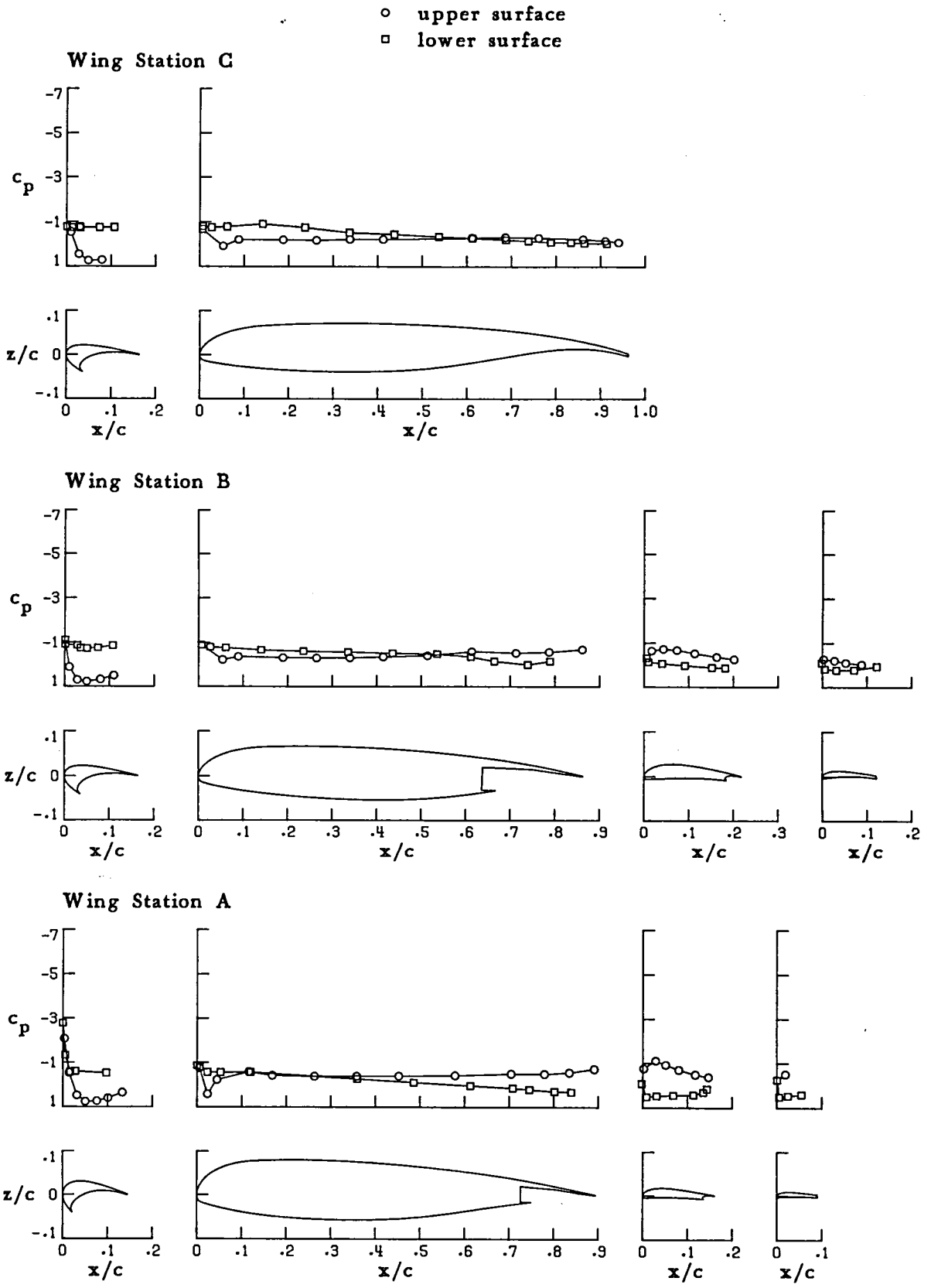
TEST = 496 RUN = 76 POINT = 29



(k) α = 24.91

FIGURE 19. CONCLUDED.

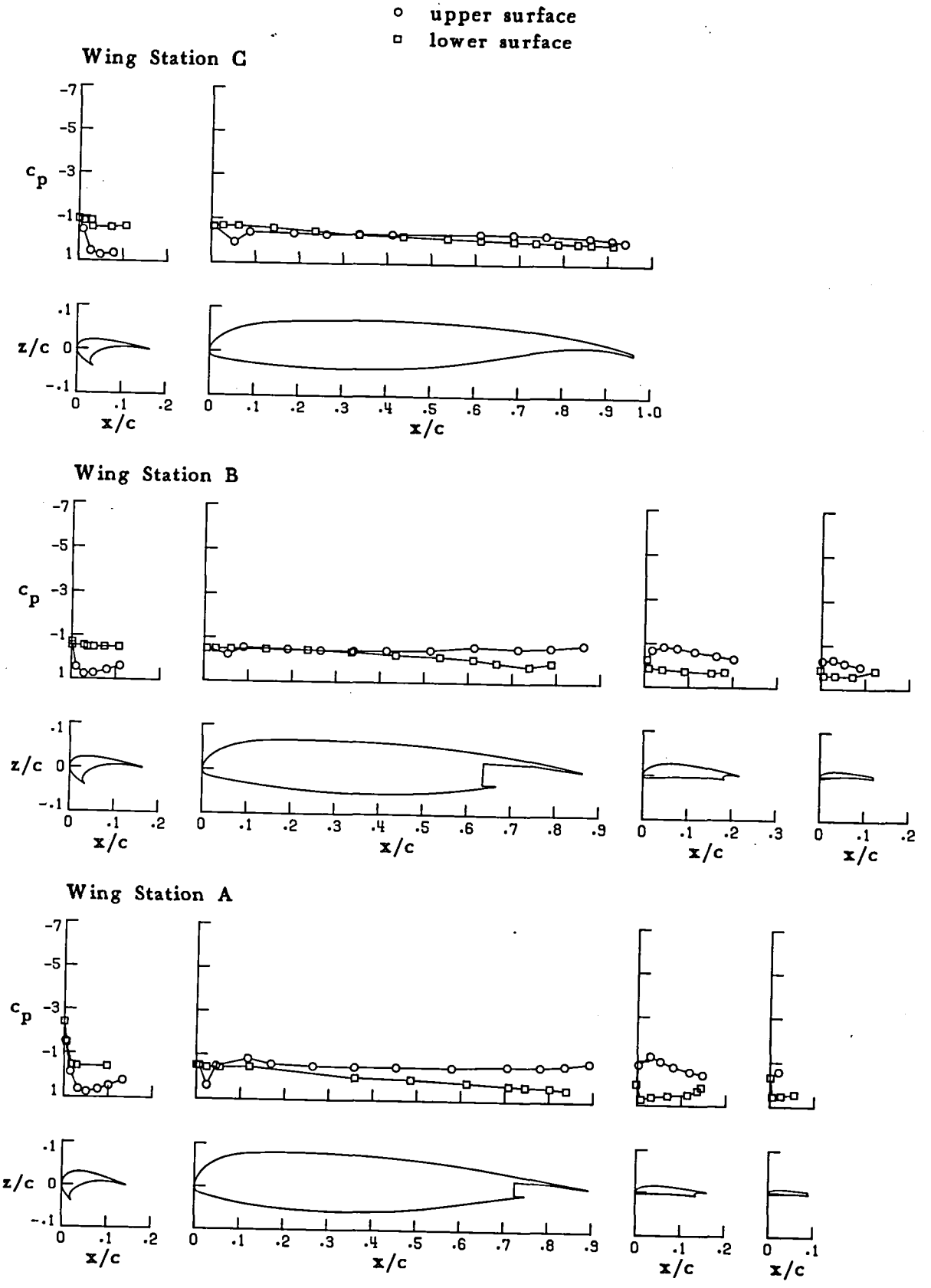
TEST = 436 RUN = 76 POINT = 31



(a) α = -6.10

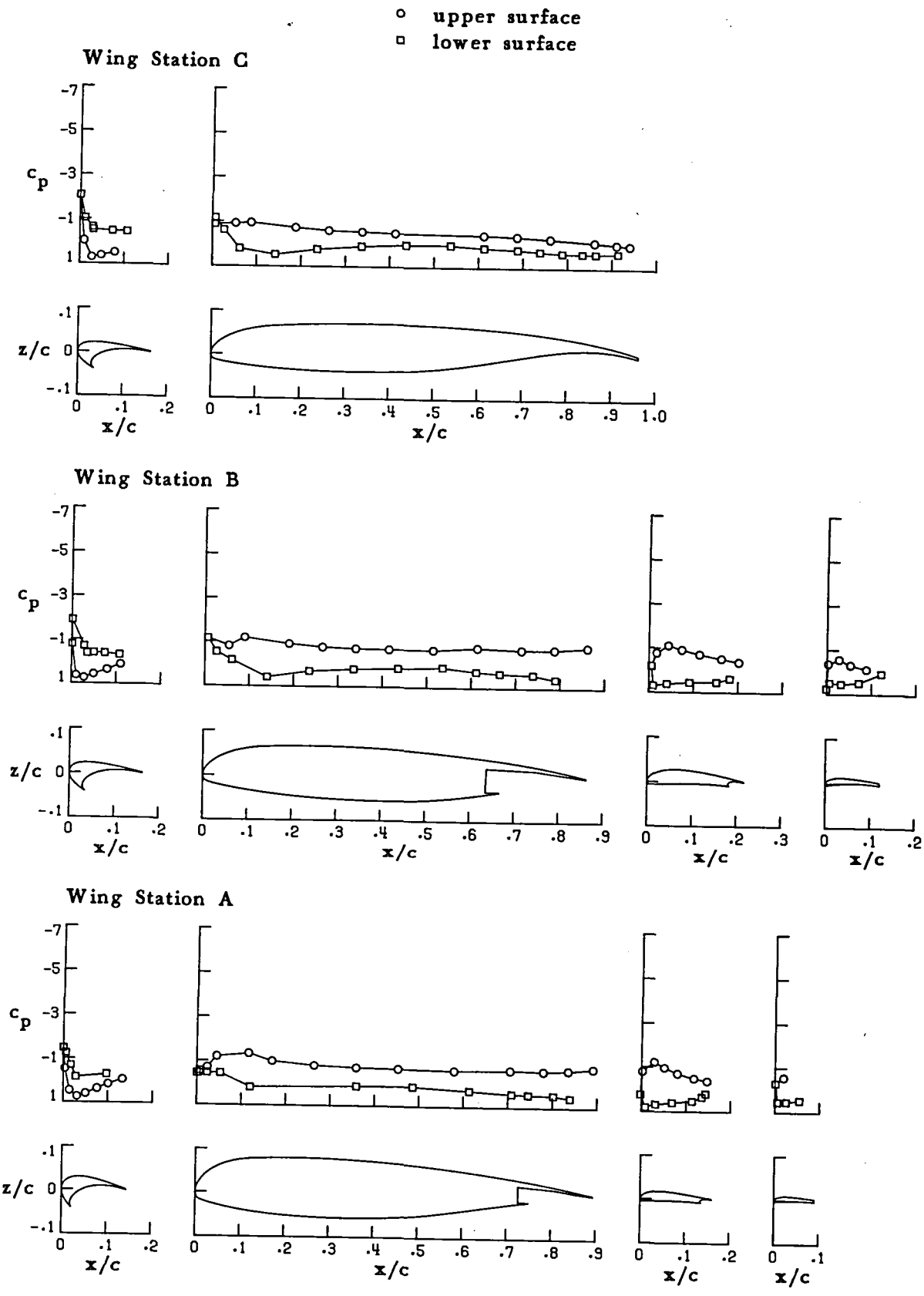
FIGURE 20. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 84.

TEST = 456 RUN = 84 POINT = 4



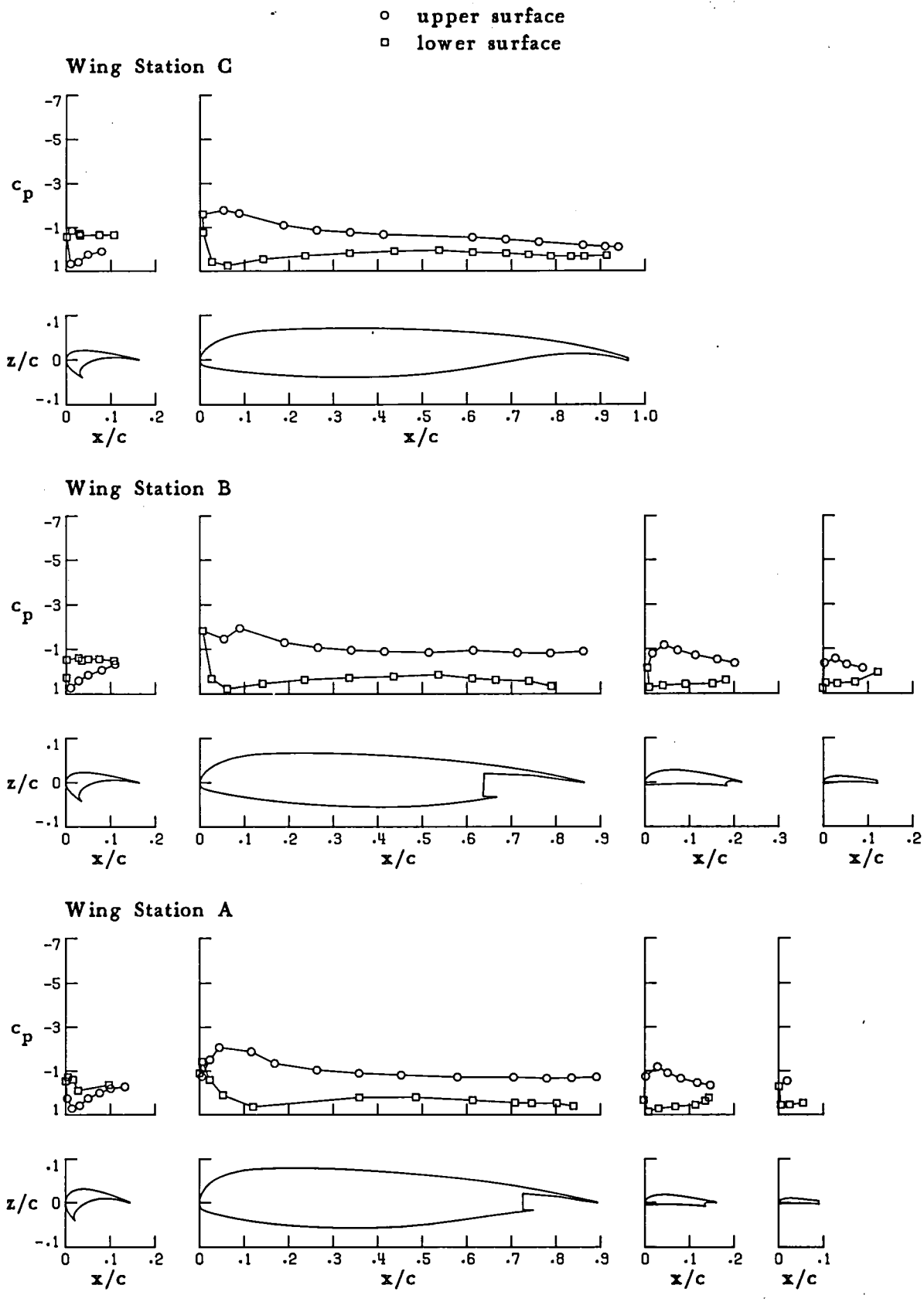
(b) α = -3.92

FIGURE 20. CONTINUED.



(c) α = .42

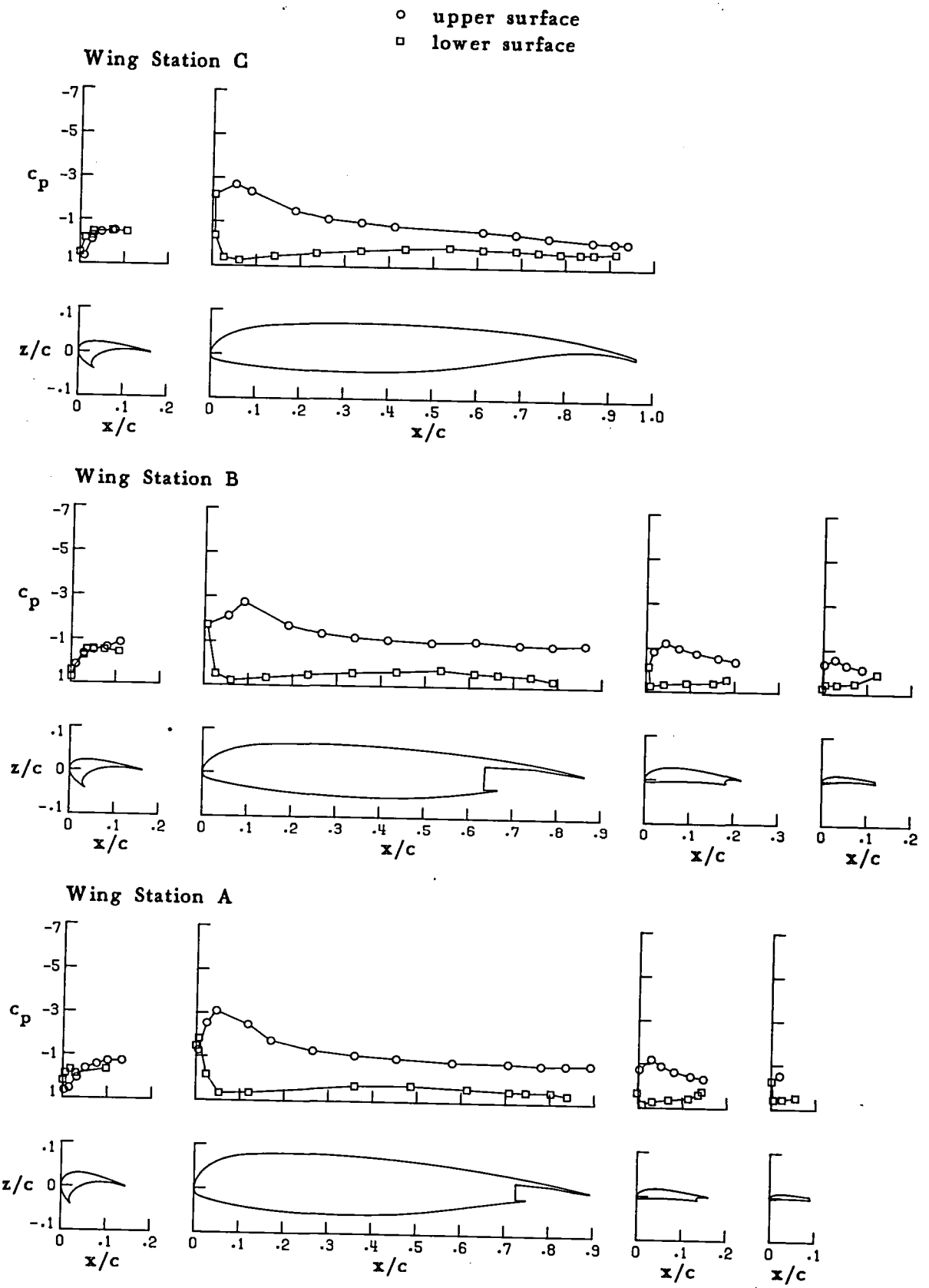
FIGURE 20. CONTINUED.



(d) α = 4.61

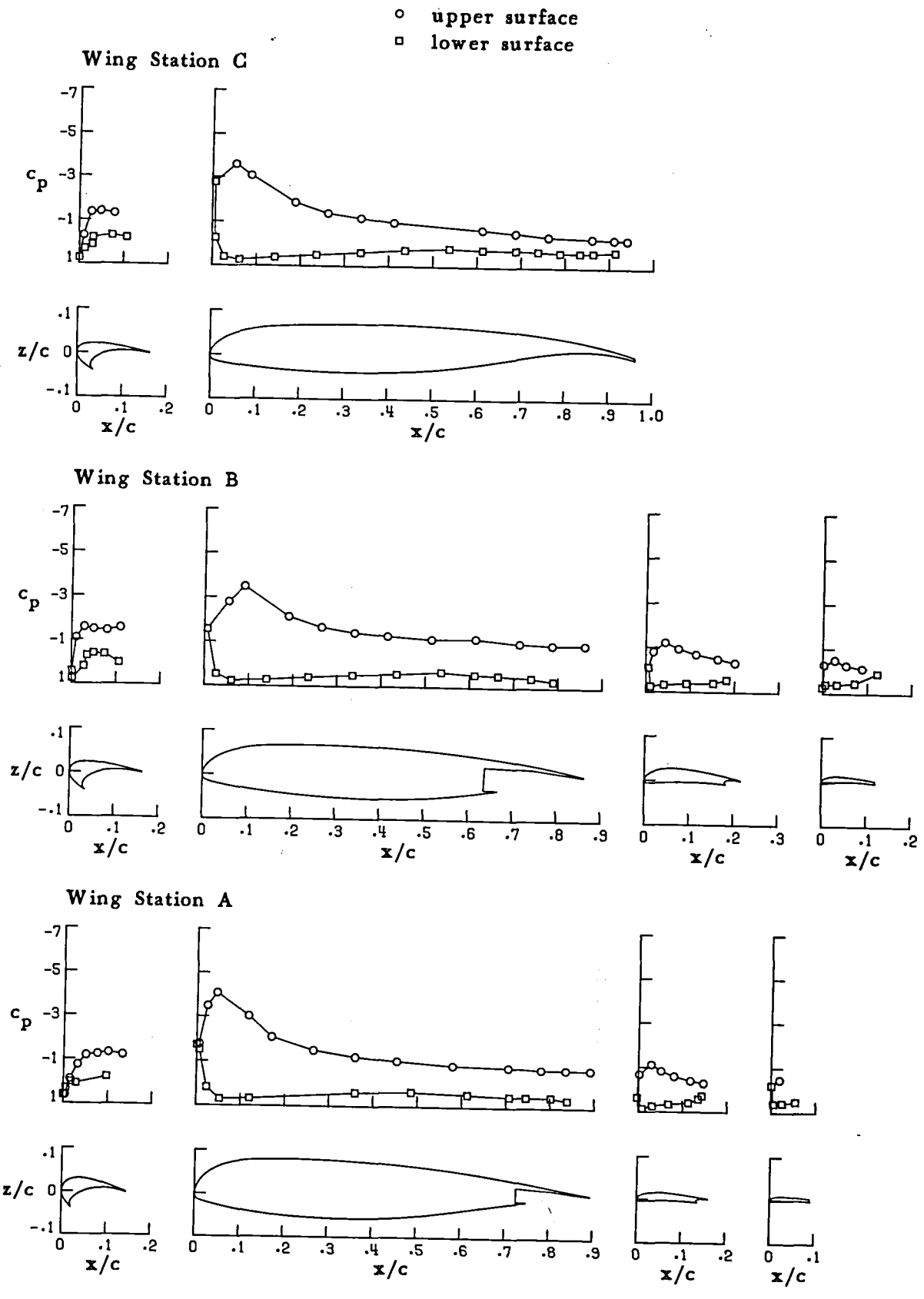
FIGURE 20. CONTINUED.

TEST = 436 RUN = 64 POINT = 9



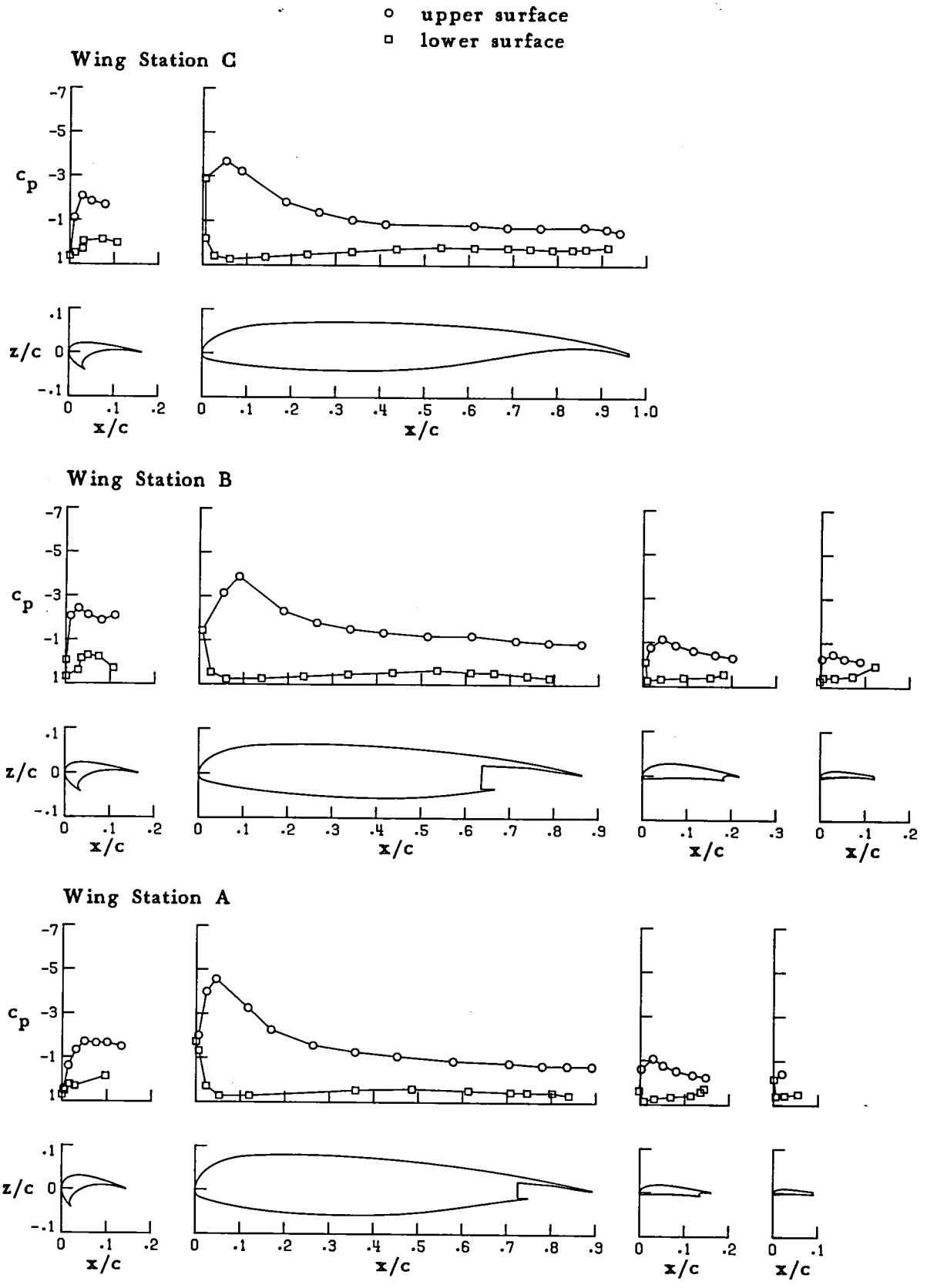
(e) α = 8.80

FIGURE 20. CONTINUED.



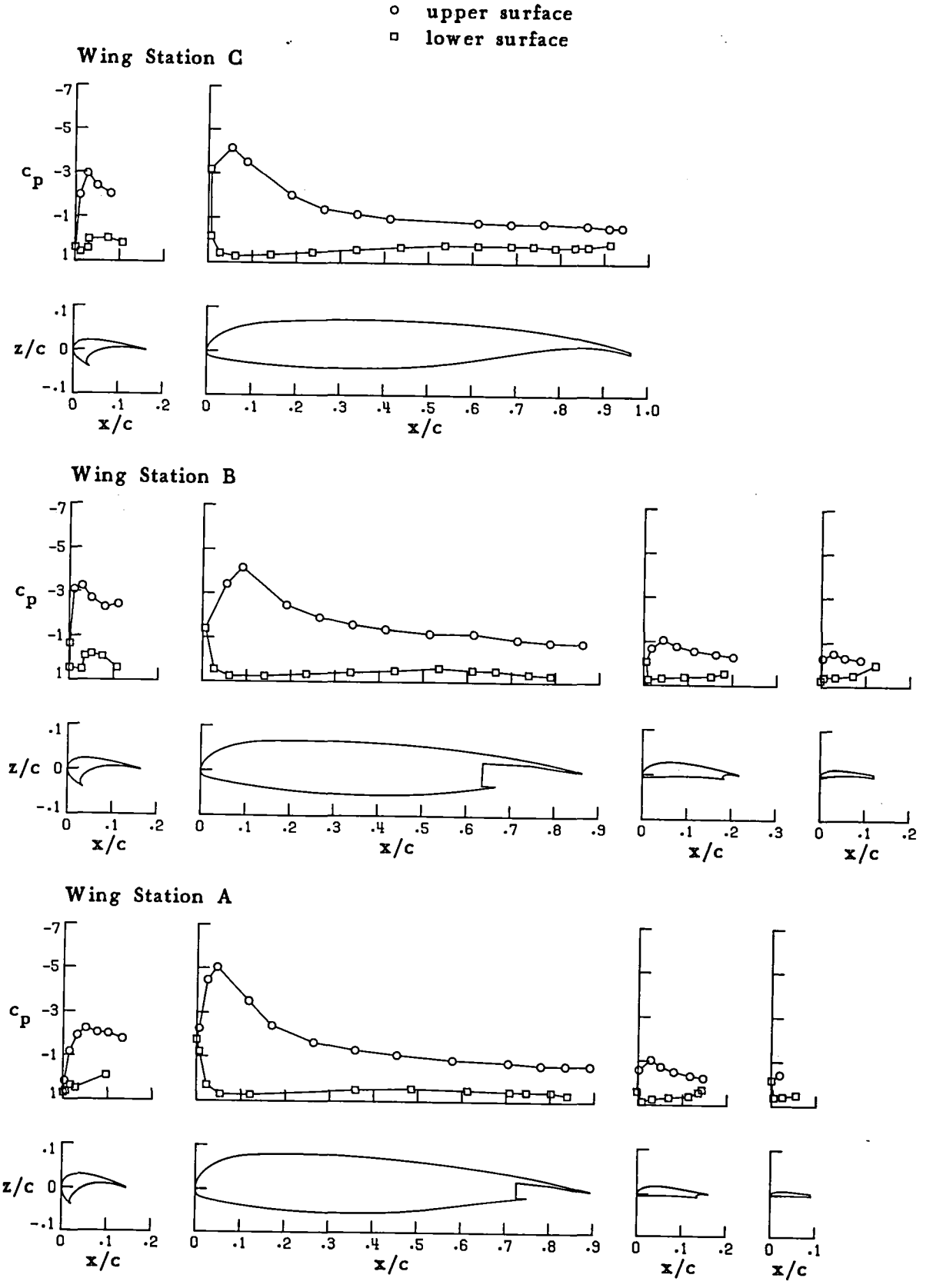
(f) α = 12.81

FIGURE 20. CONTINUED.



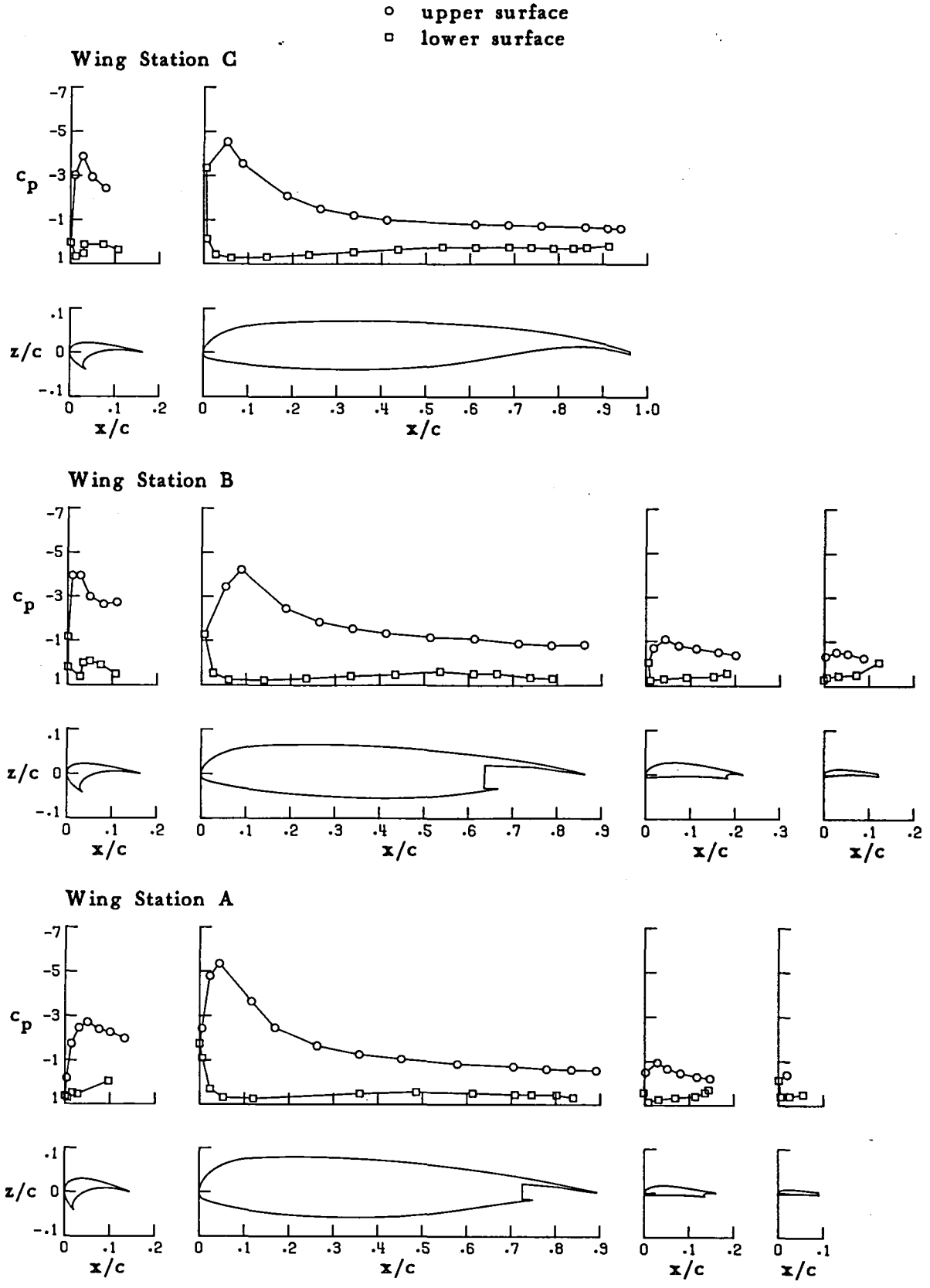
(g) α = 15.03

FIGURE 20. CONTINUED.



(h) α = 16.96

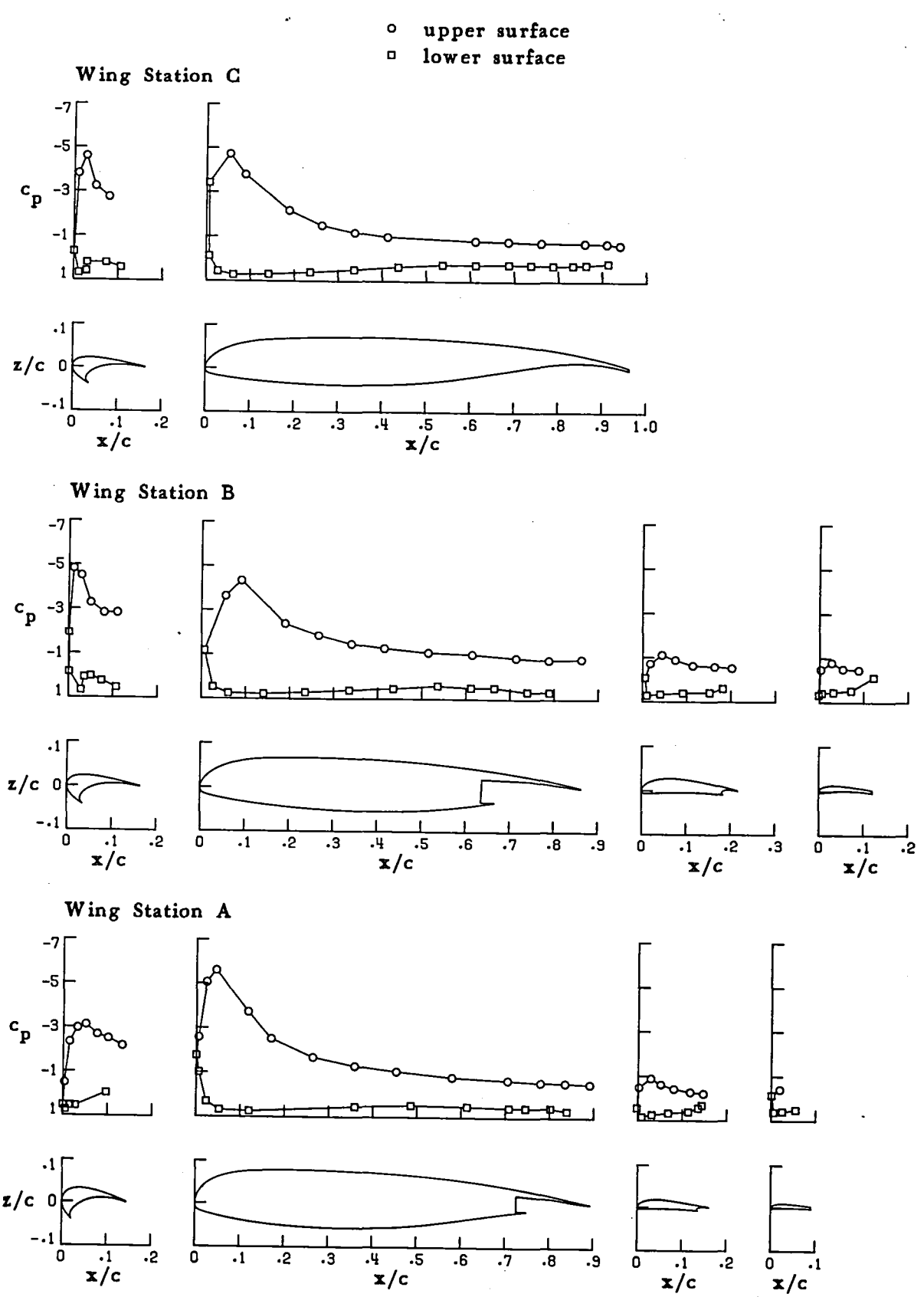
FIGURE 20. CONTINUED.



(i) α = 18.96

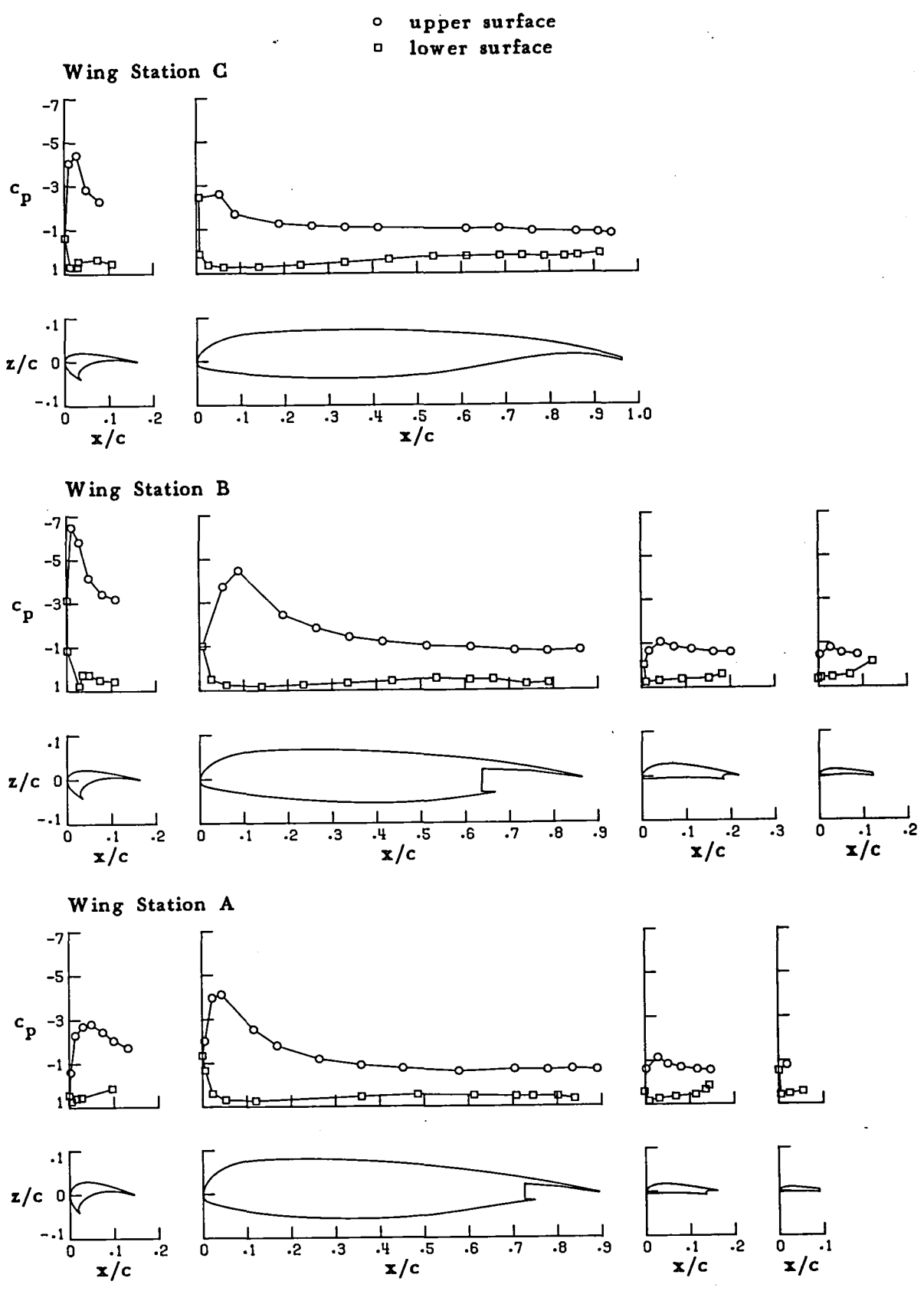
FIGURE 20. CONTINUED.

TEST = 436 RUN = 84 POINT = 16



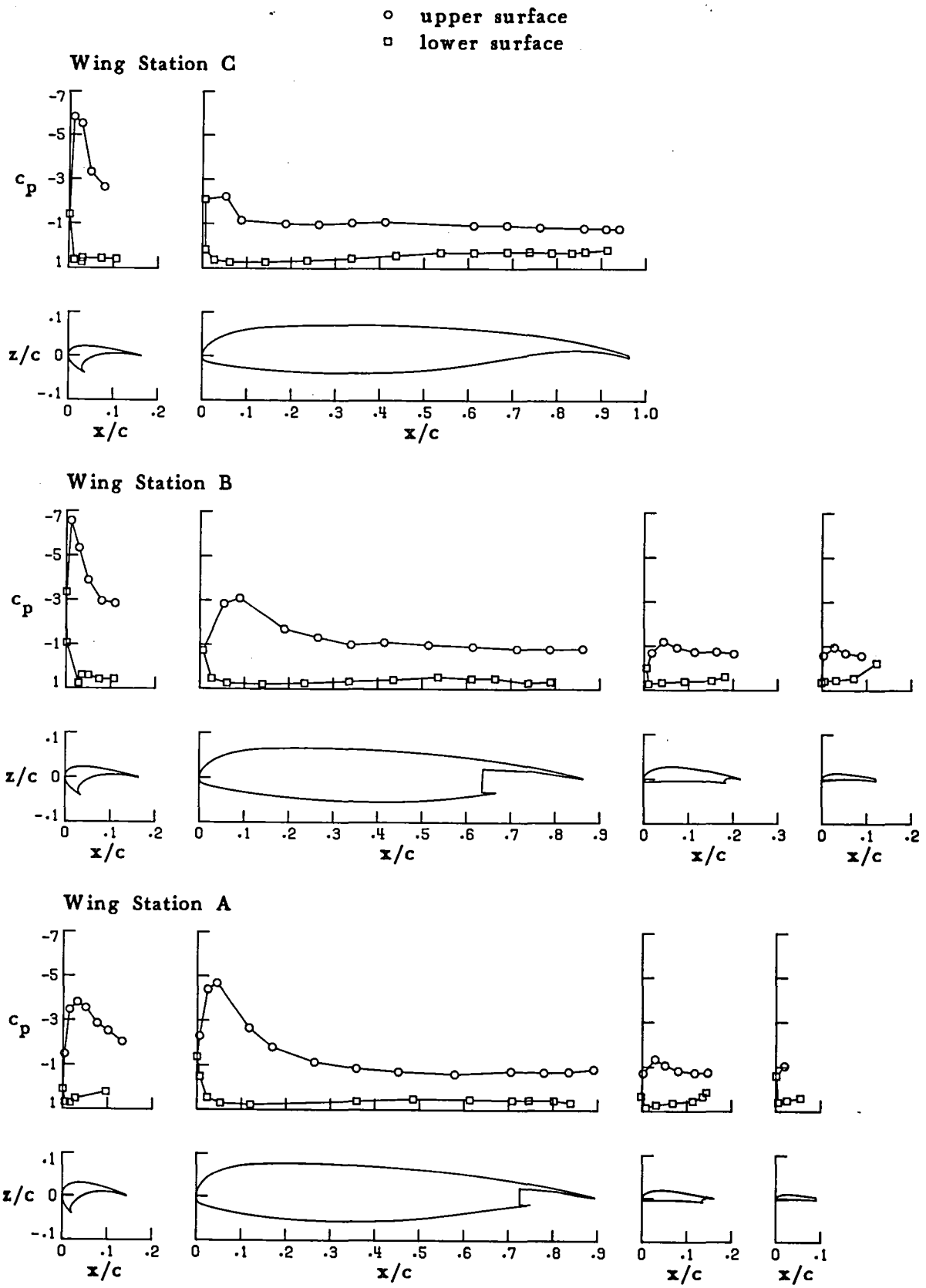
(j) α = 20.97

FIGURE 20. CONTINUED.



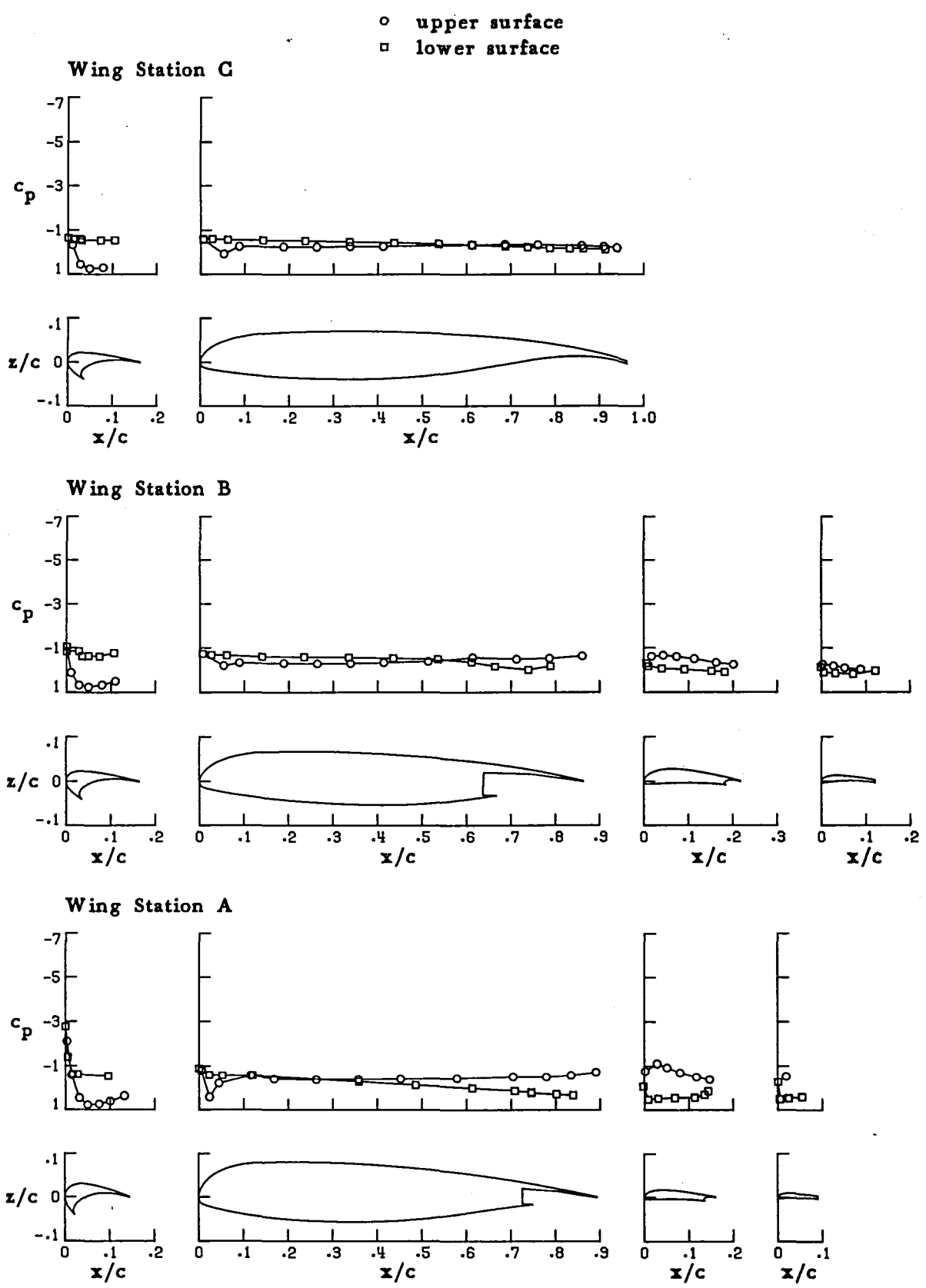
(k) α = 25.07

FIGURE 20. CONTINUED.



(1) α = 29.19

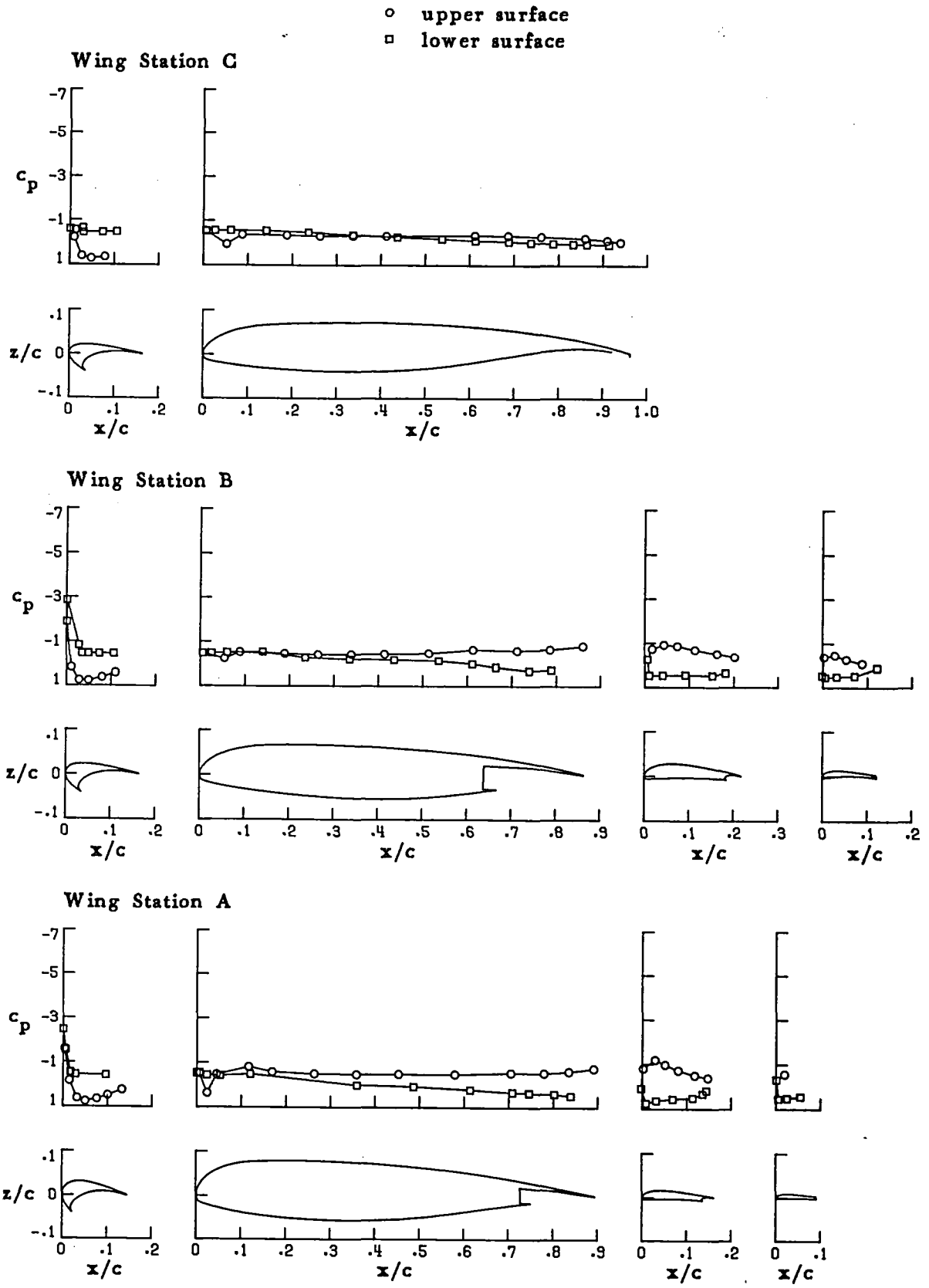
FIGURE 20. CONCLUDED.



(a) α = -6.14

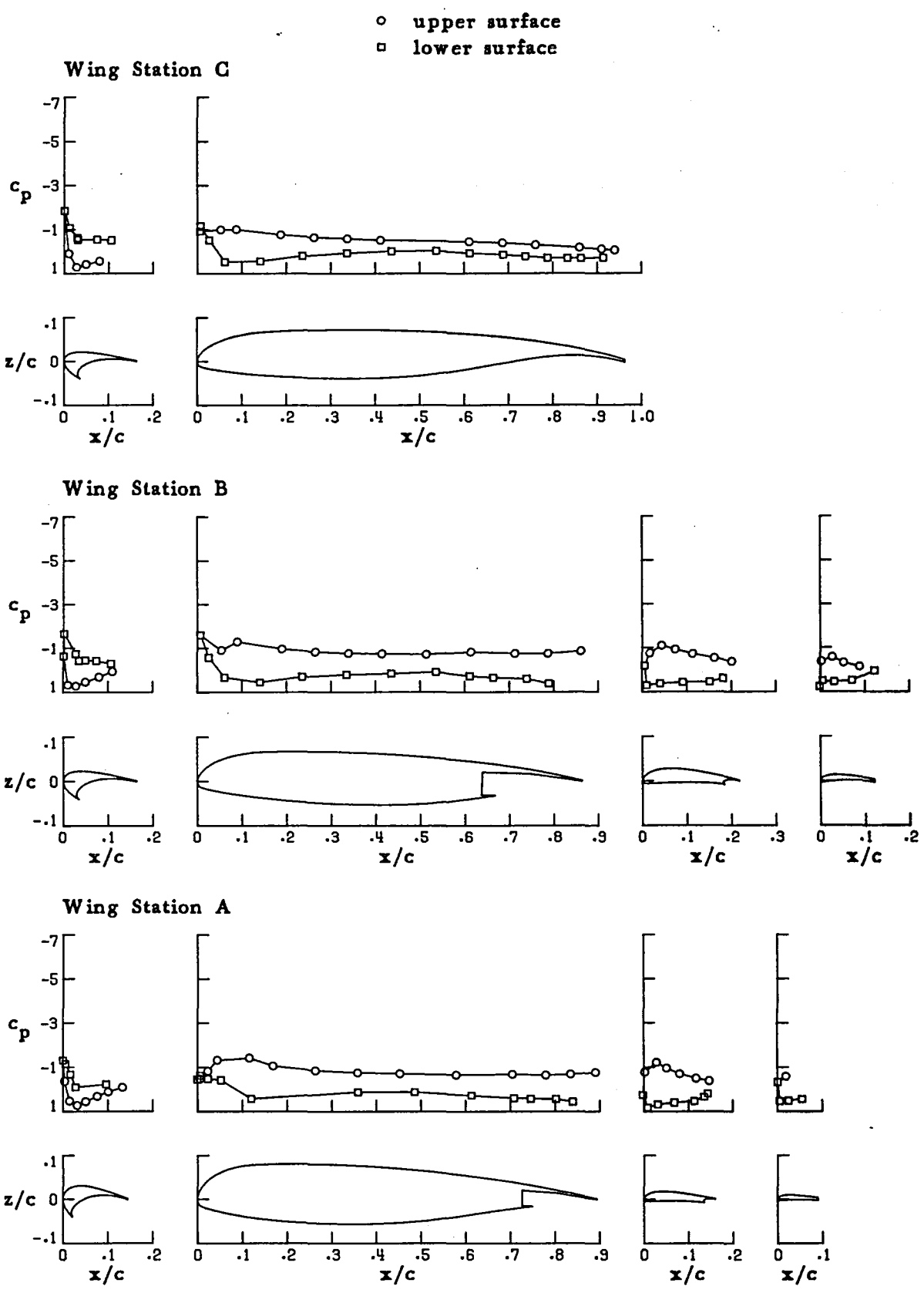
FIGURE 21. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 90.

TEST = 456 RUN = 90 POINT = 6



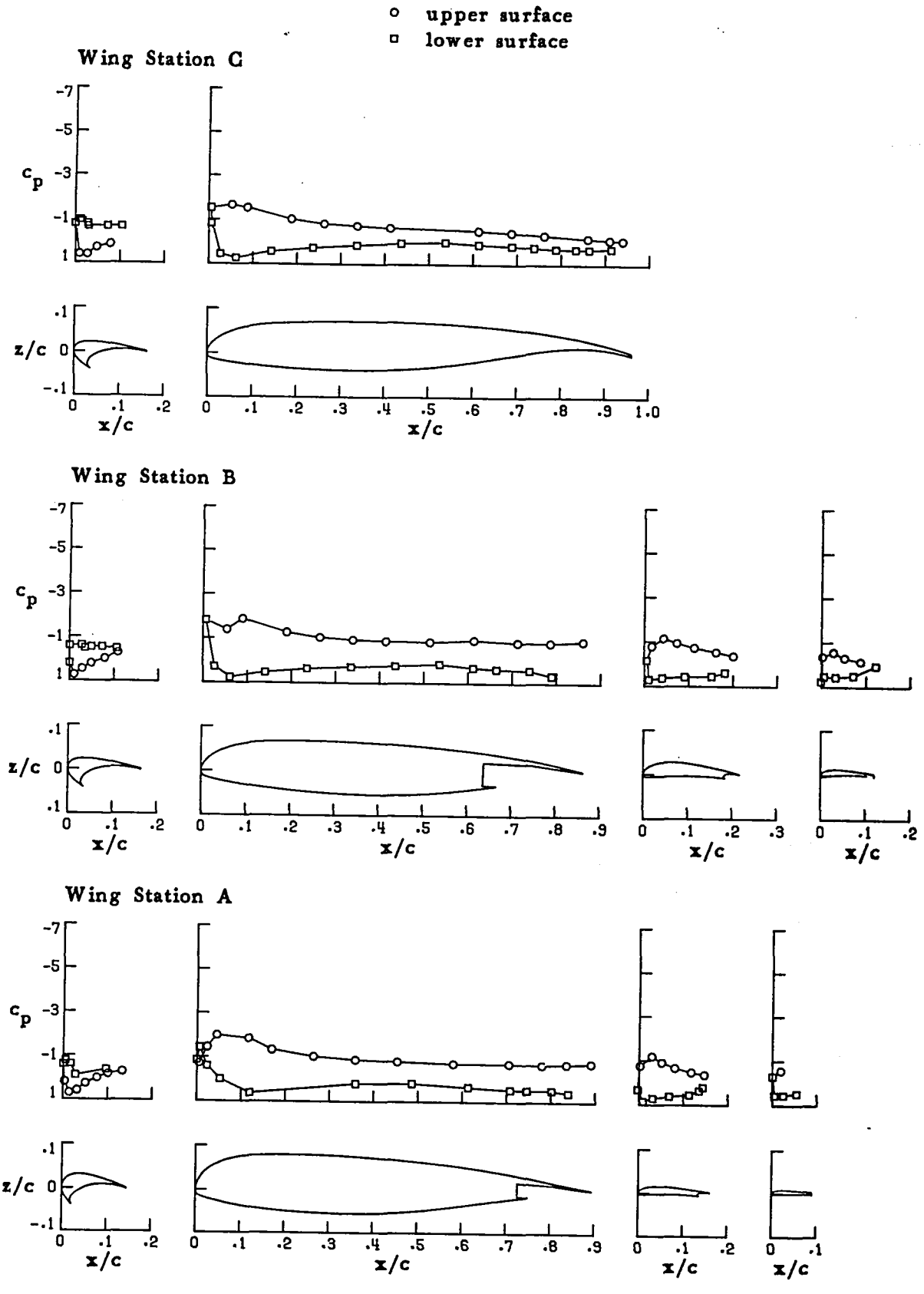
(b) α = -4.06

FIGURE 21. CONTINUED.



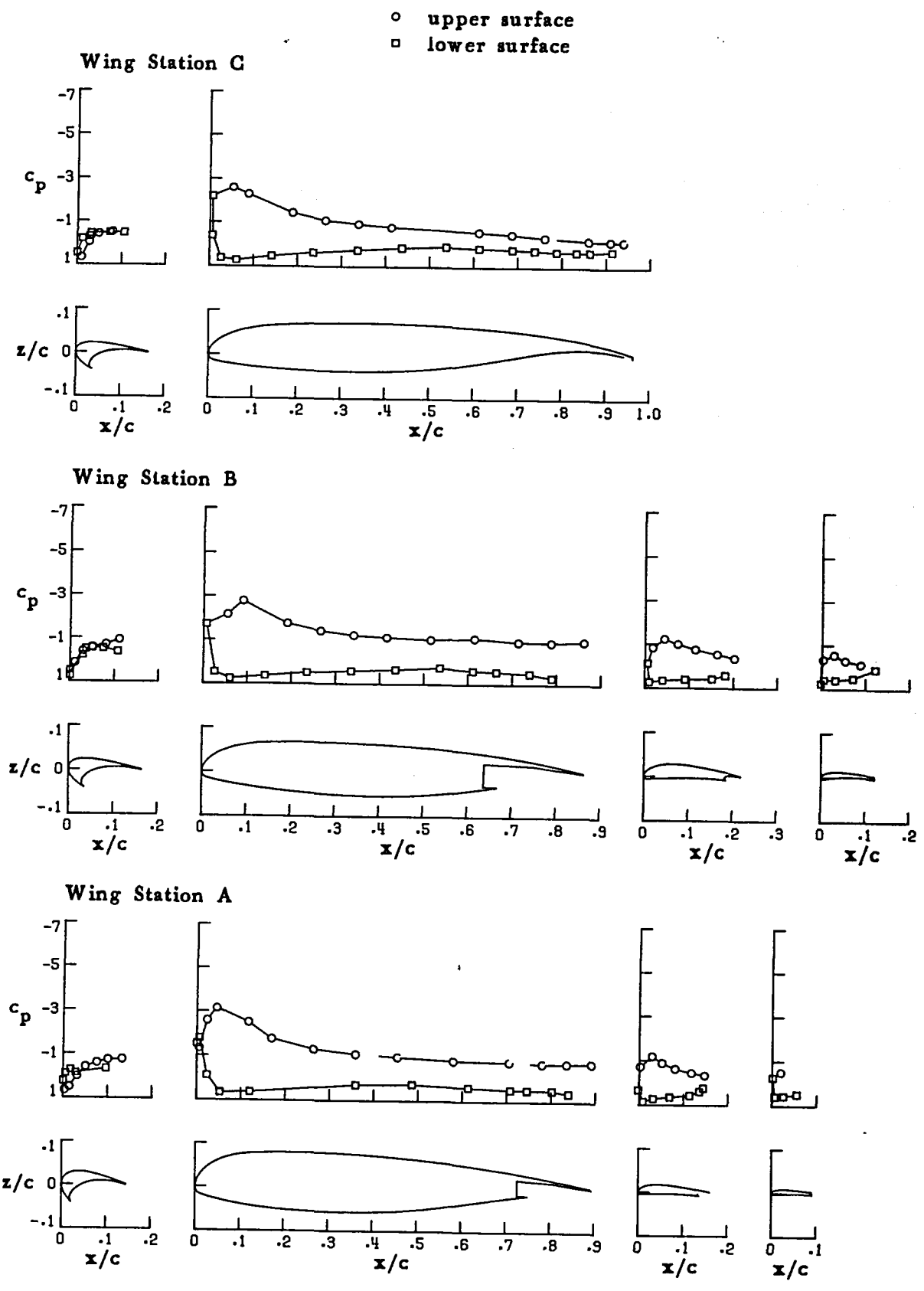
(c) α = 1.07

FIGURE 21. CONTINUED.



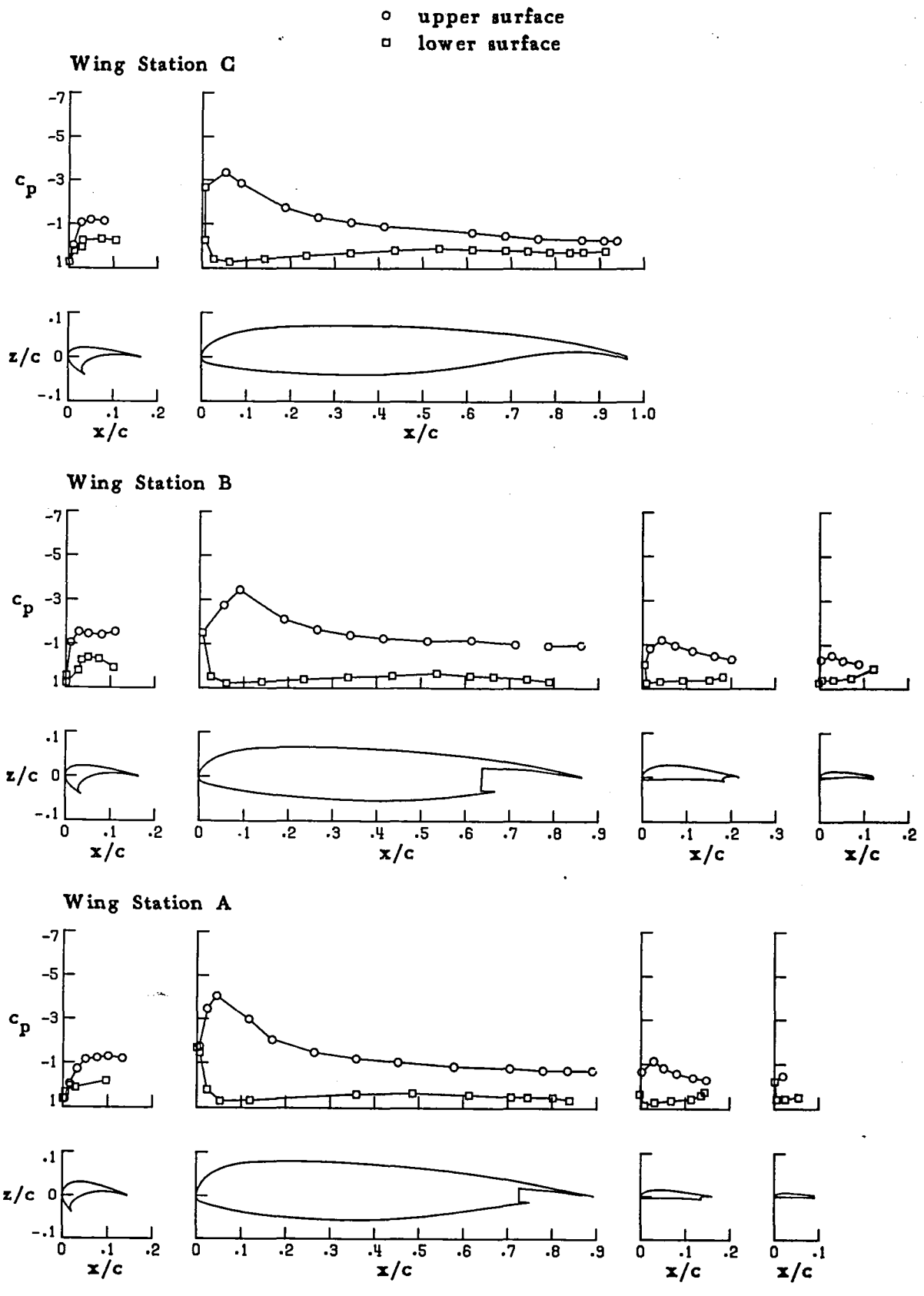
(d) α = 4.29

FIGURE 21. CONTINUED.



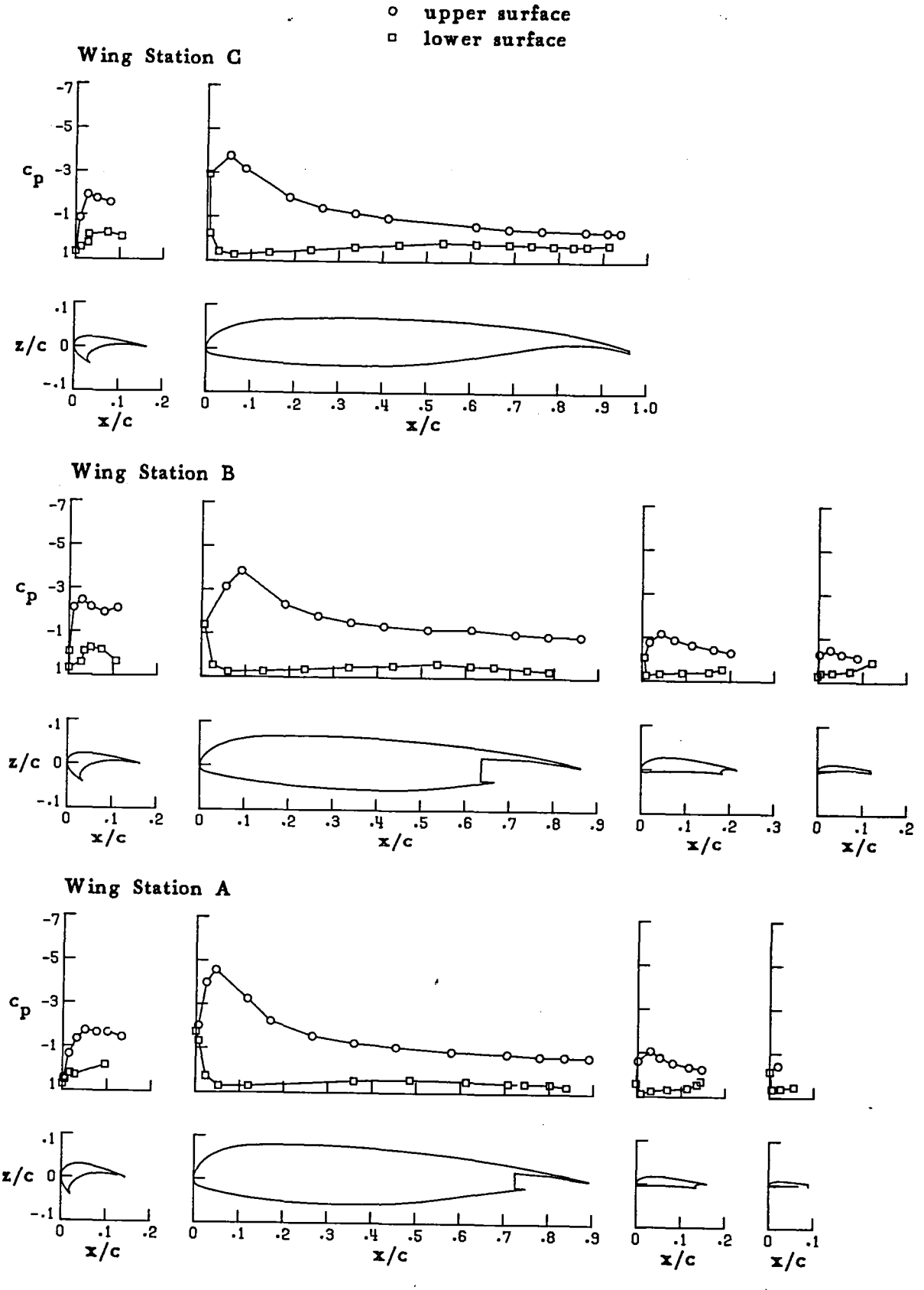
(e) α = 9.13

FIGURE 21. CONTINUED.



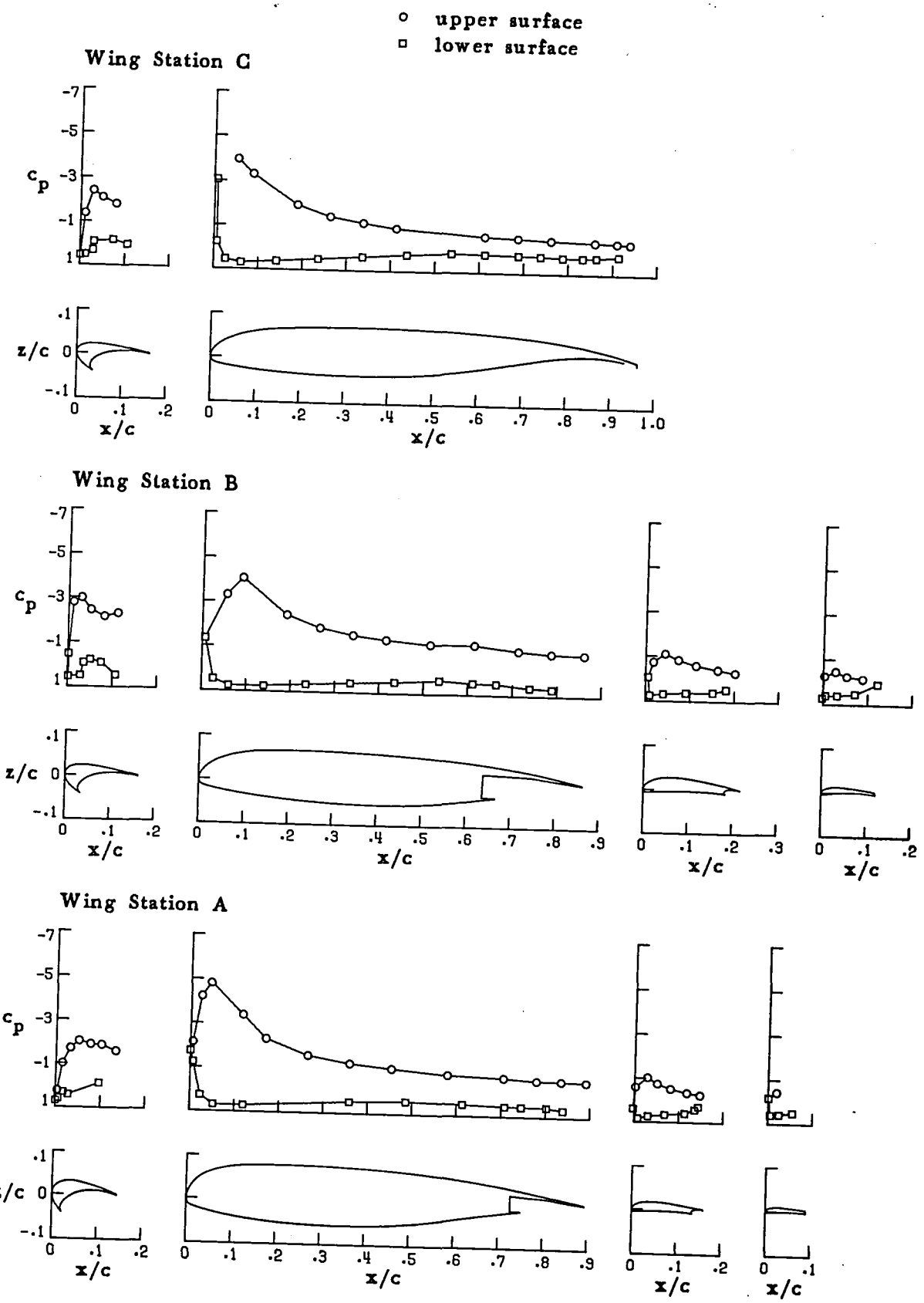
(f) α = 12.74

FIGURE 21. CONTINUED.



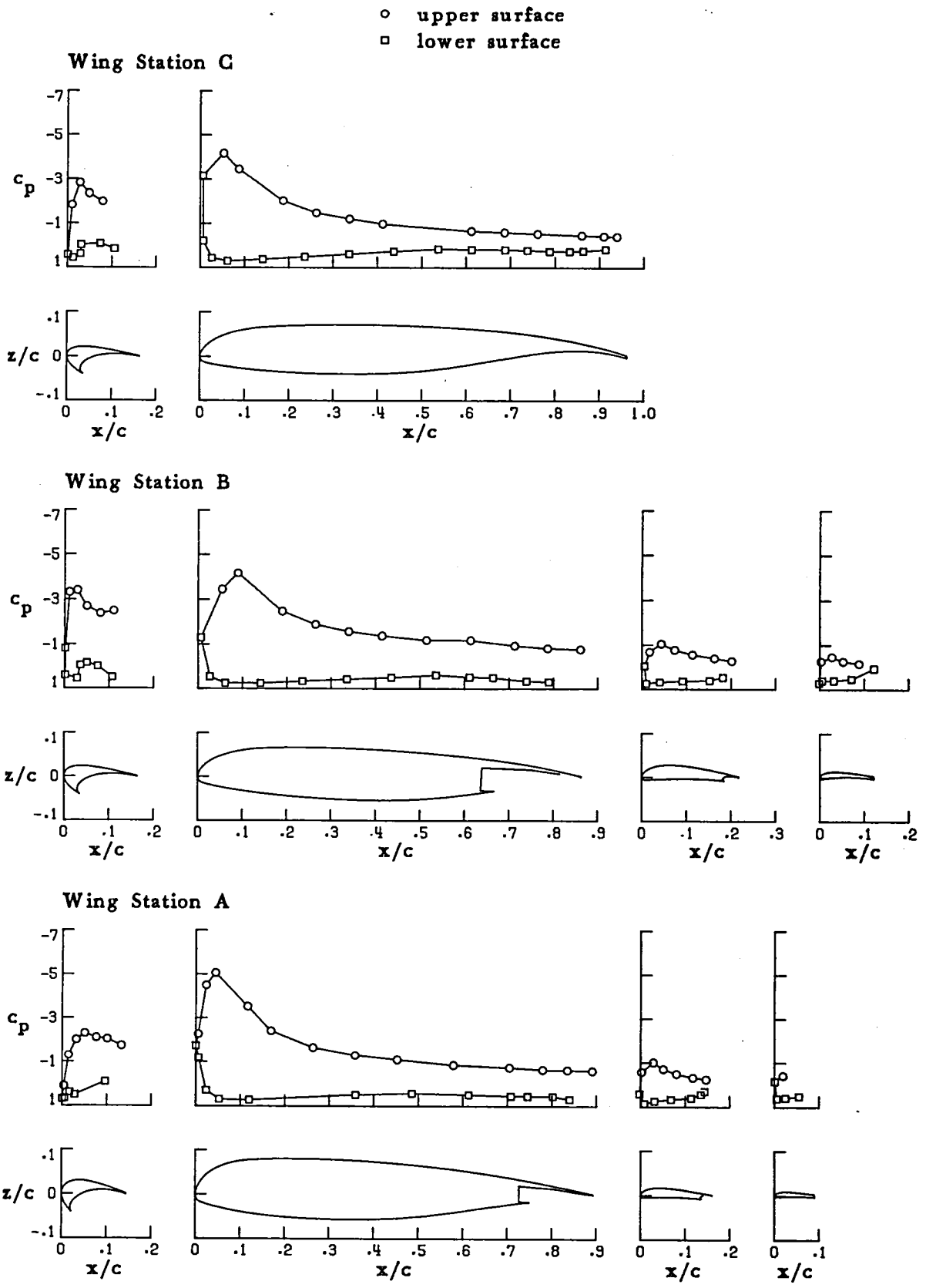
(g) α = 15.11

FIGURE 21. CONTINUED.



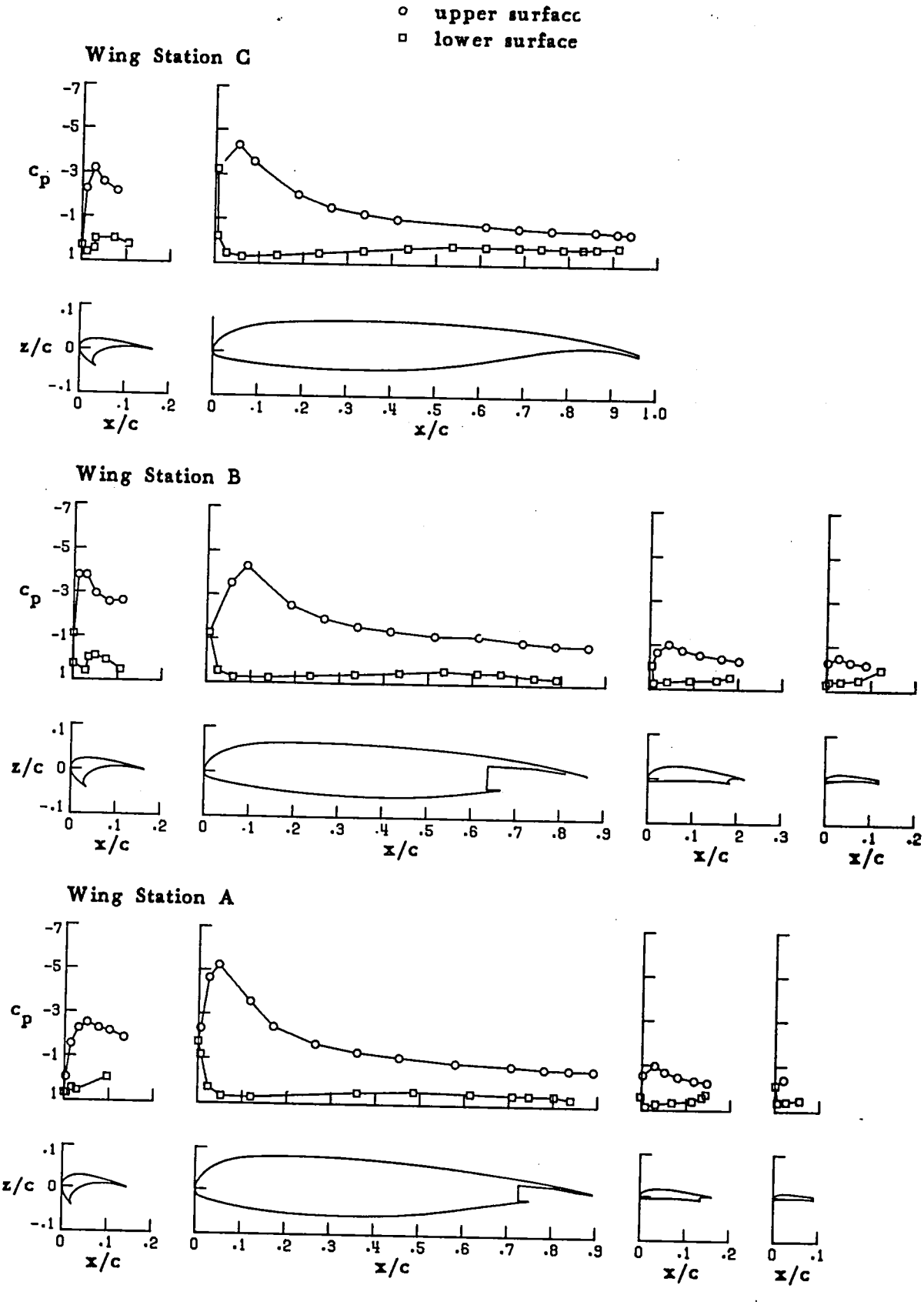
(h) α = 16.32

FIGURE 21. CONTINUED.



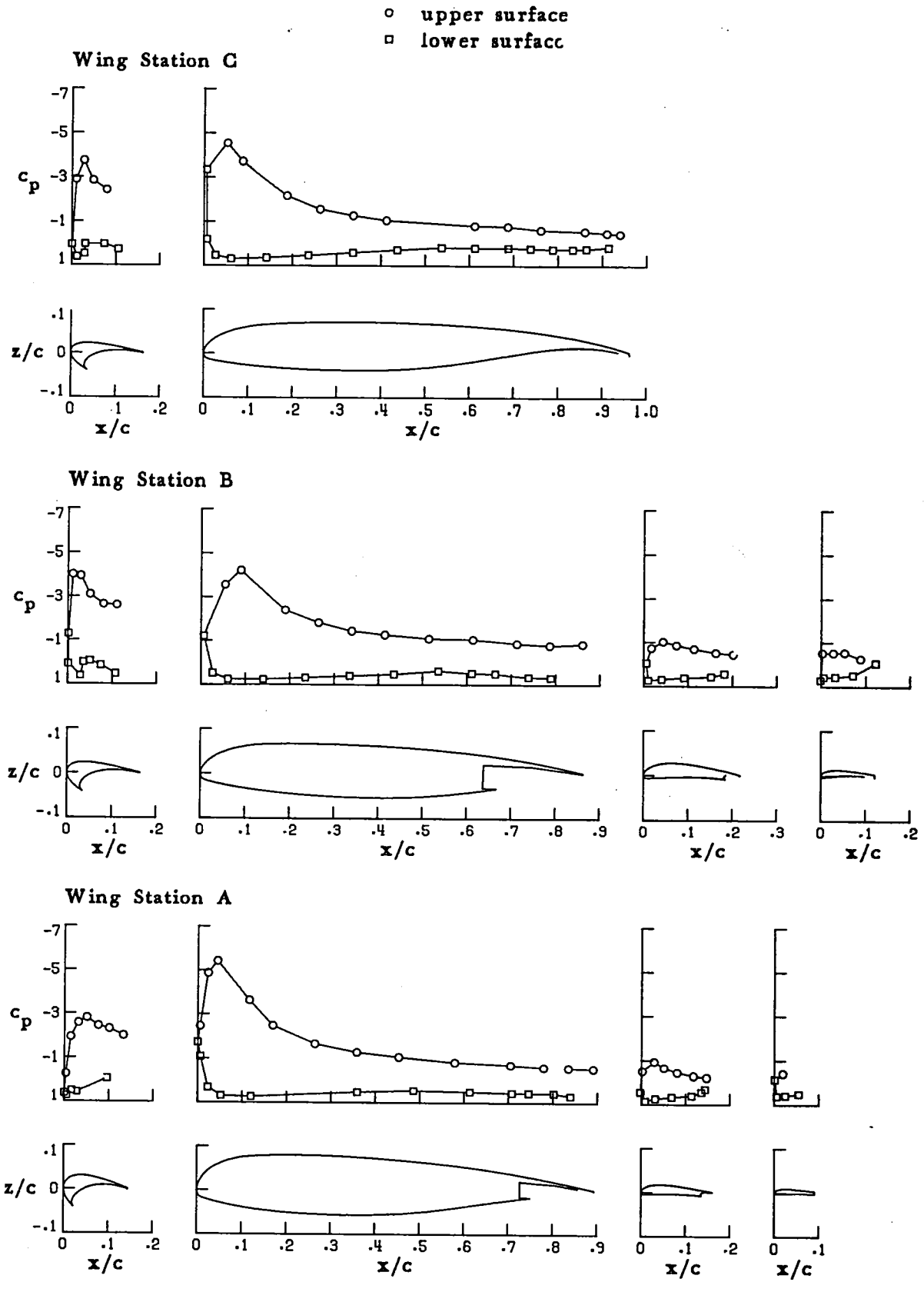
(i) α = 17.36

FIGURE 21. CONTINUED.



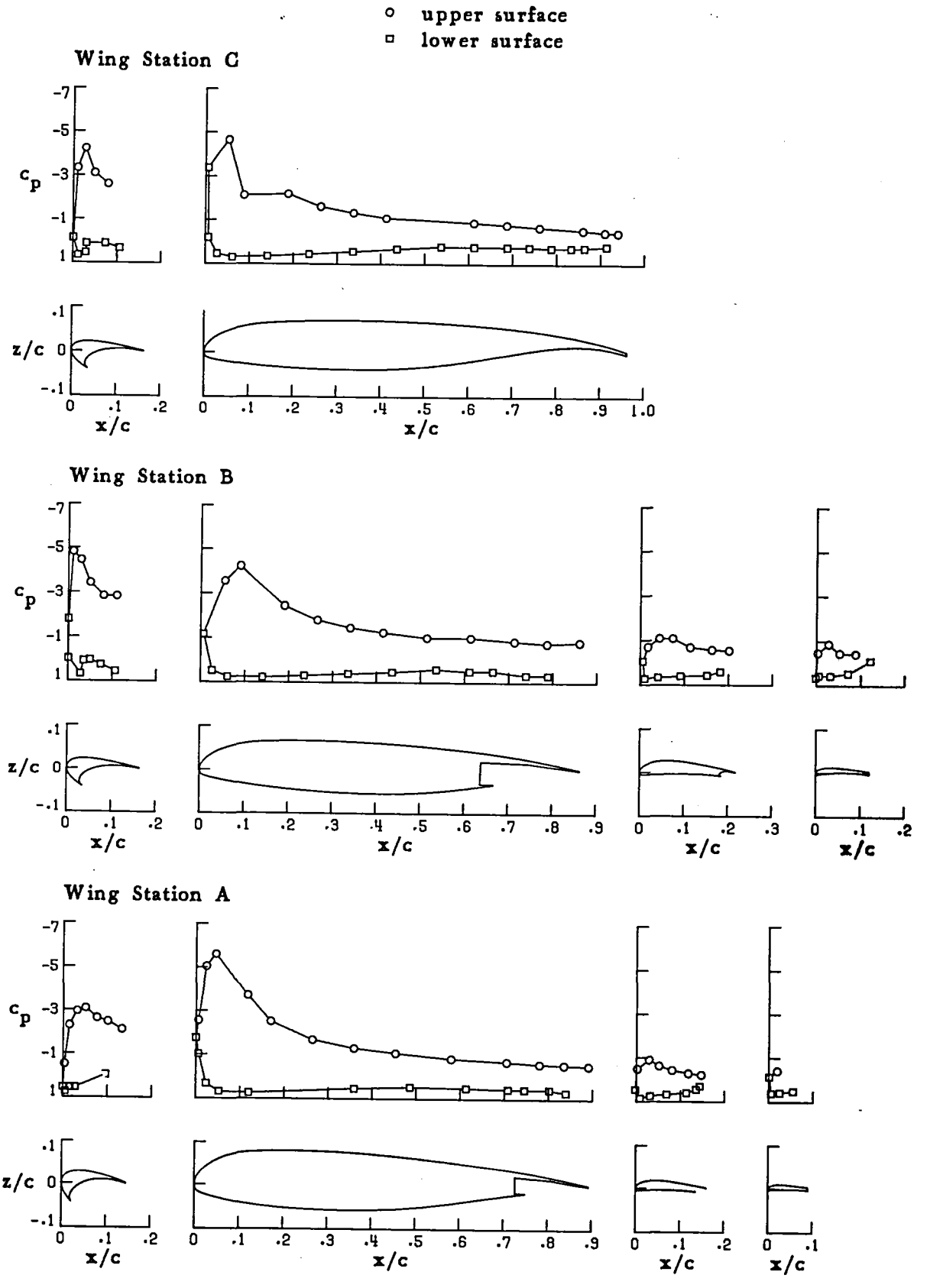
(j) α = 18.25

FIGURE 21. CONTINUED.



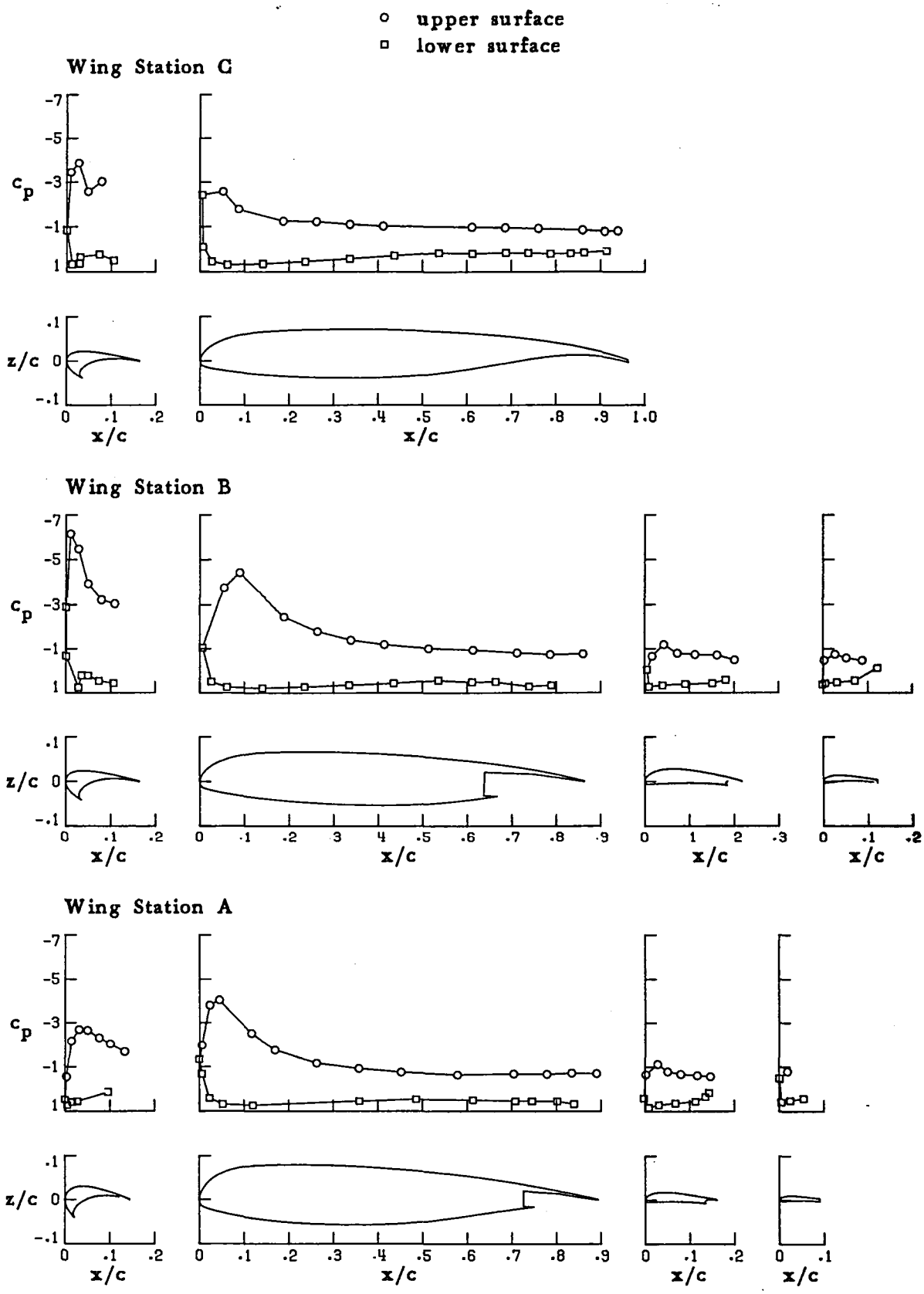
(k) α = 19.52

FIGURE 21. CONTINUED.



(1) α = 20.95

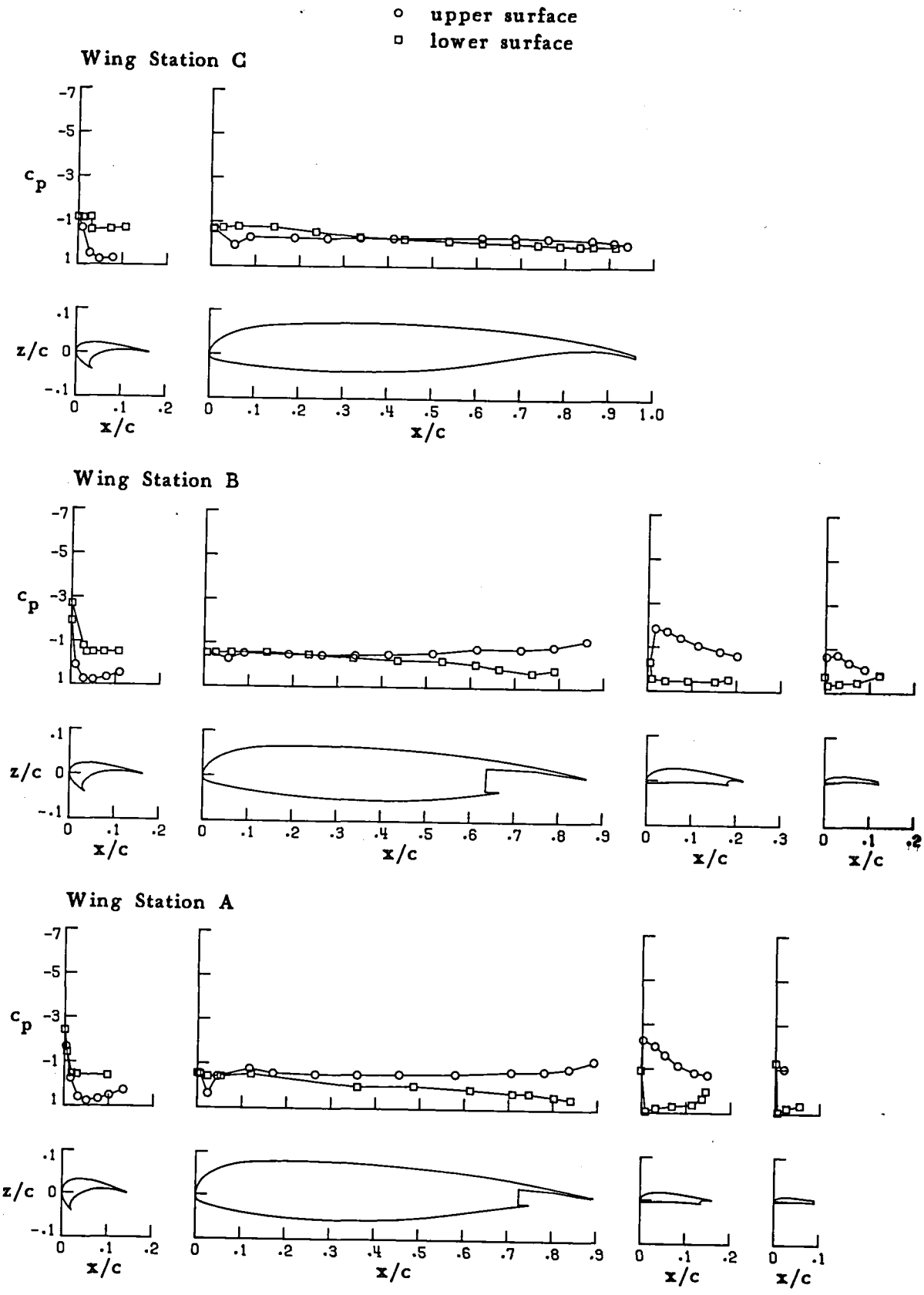
FIGURE 21. CONTINUED.



(m) α = 24.77

FIGURE 21 . CONCLUDED.

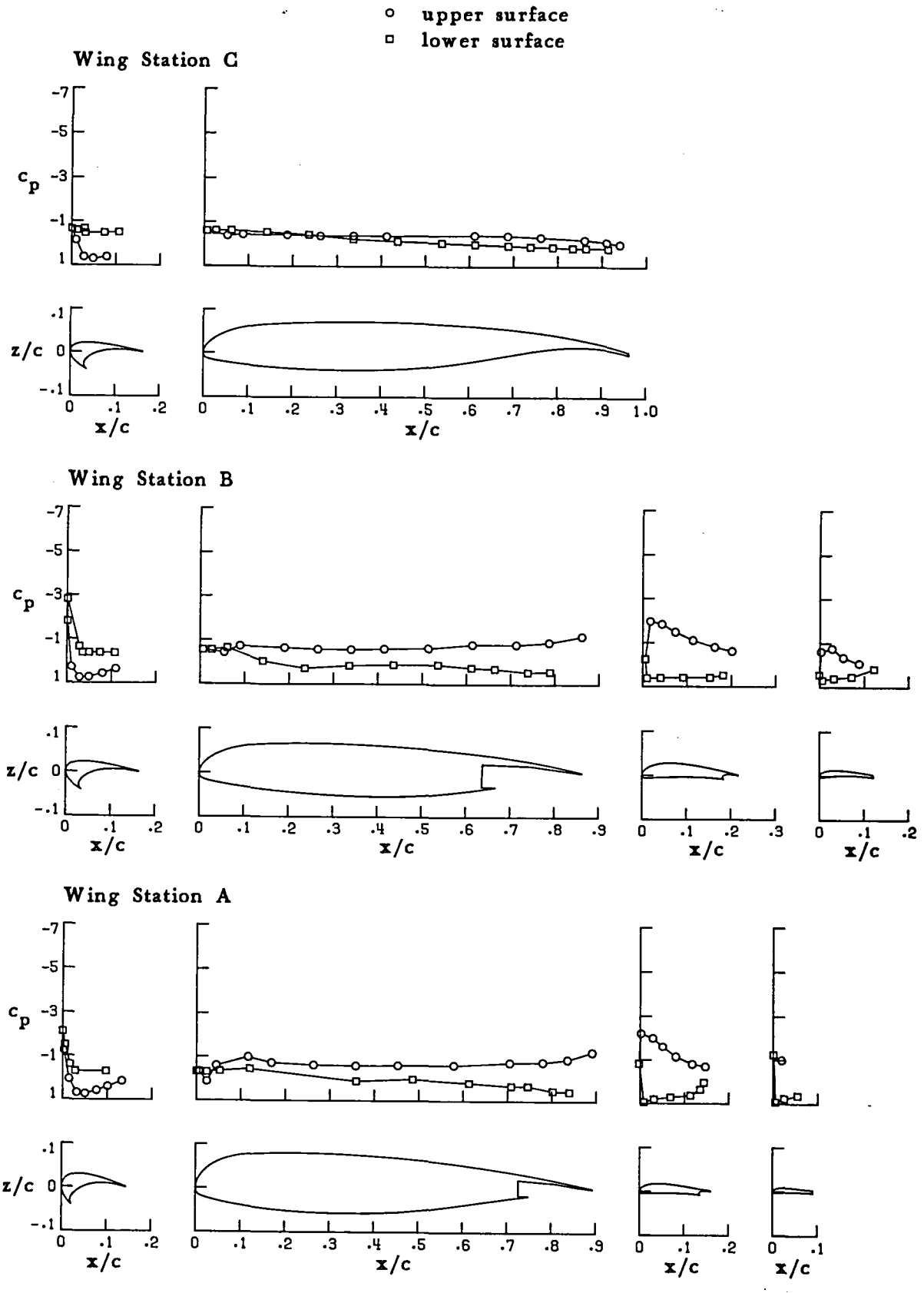
TEST = 436 RUN = 90 POINT = 23



(a) α = -5.62

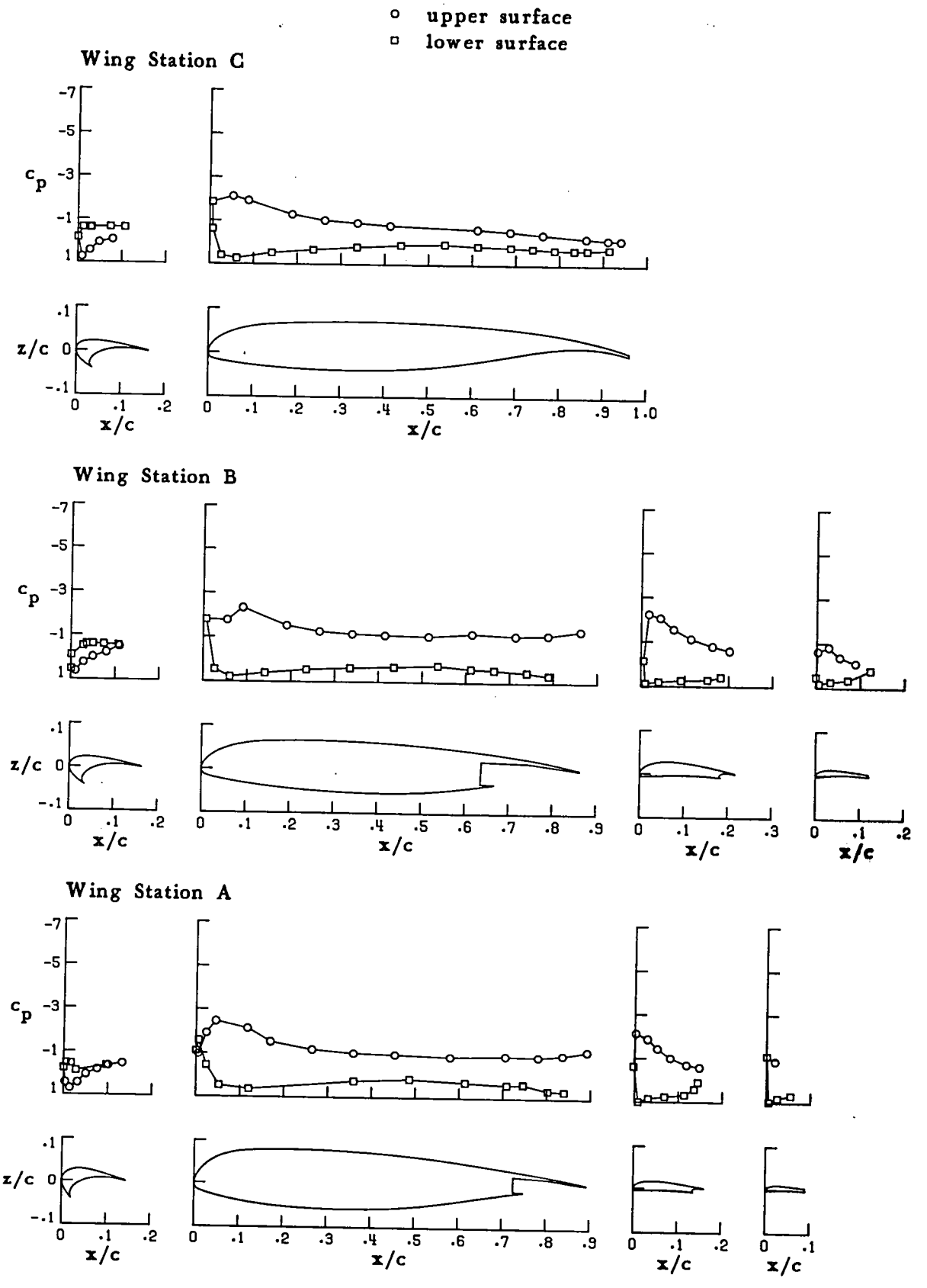
FIGURE 22. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 134.

TEST = 496 RUN = 134 POINT = 12



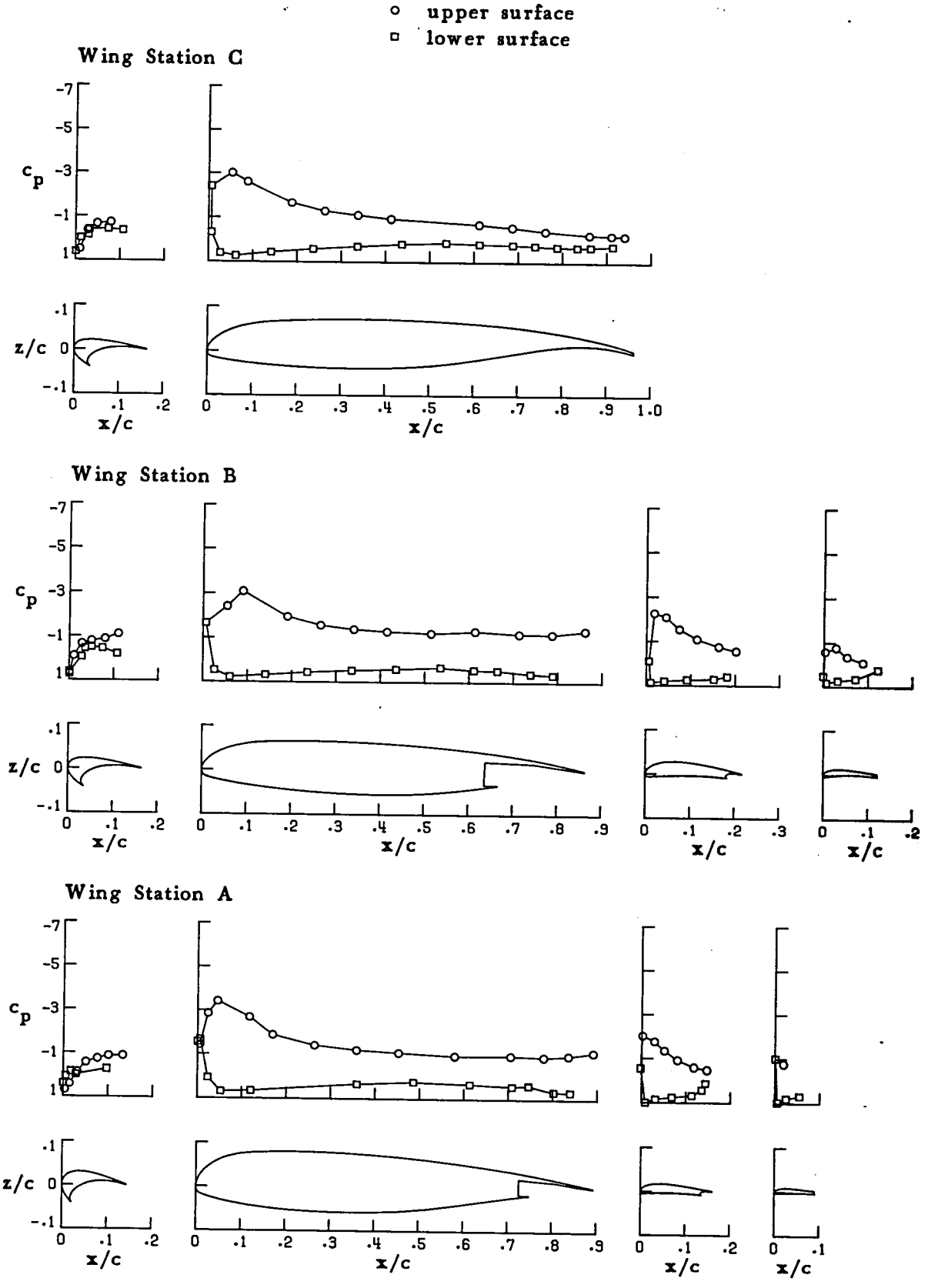
(b) α = -3.94

FIGURE 22 . CONTINUED.



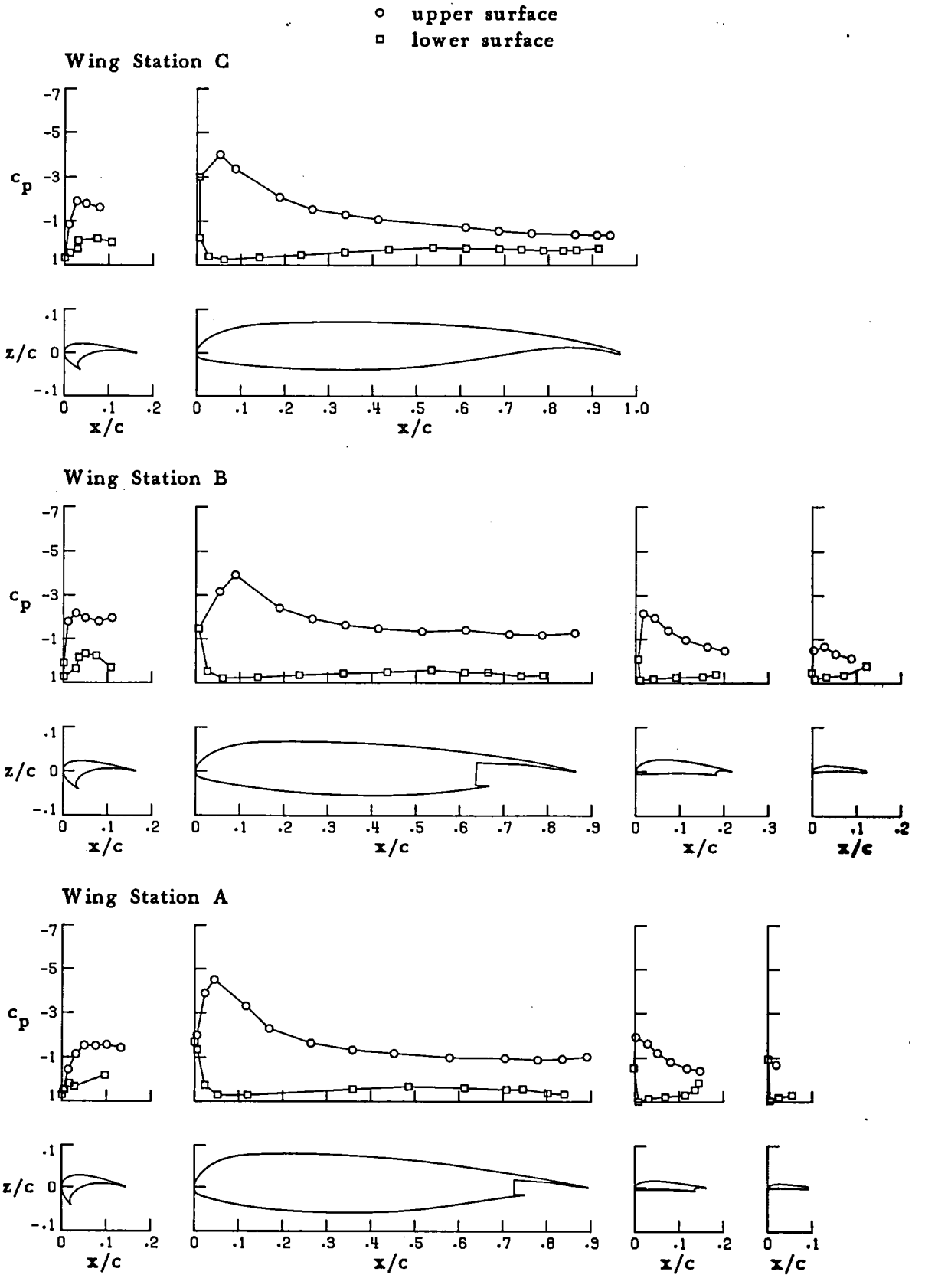
(c) α = 4.74

FIGURE 22. CONTINUED.



(d) α = 8.85

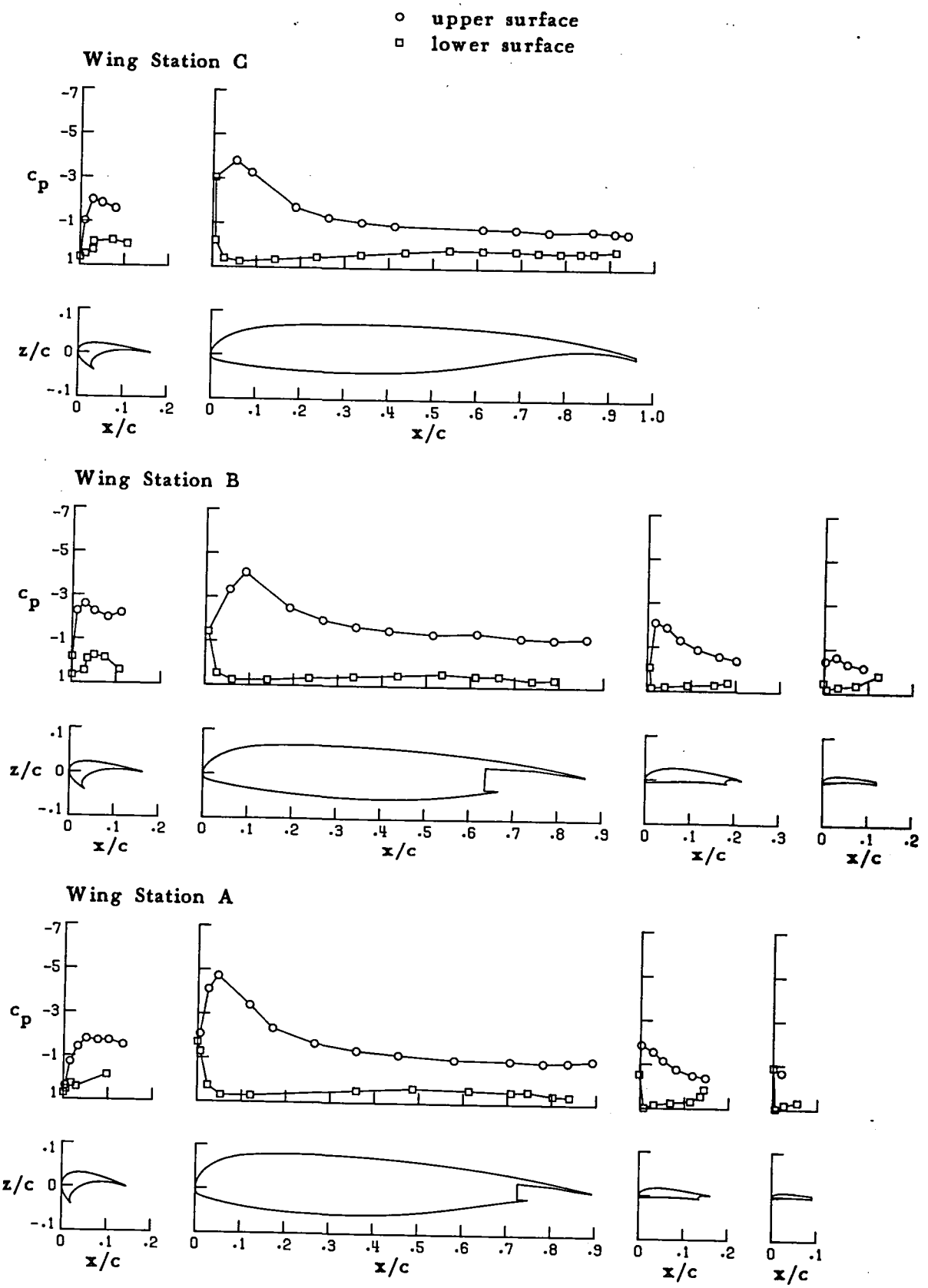
FIGURE 22. CONTINUED.



(e) α = 13.07

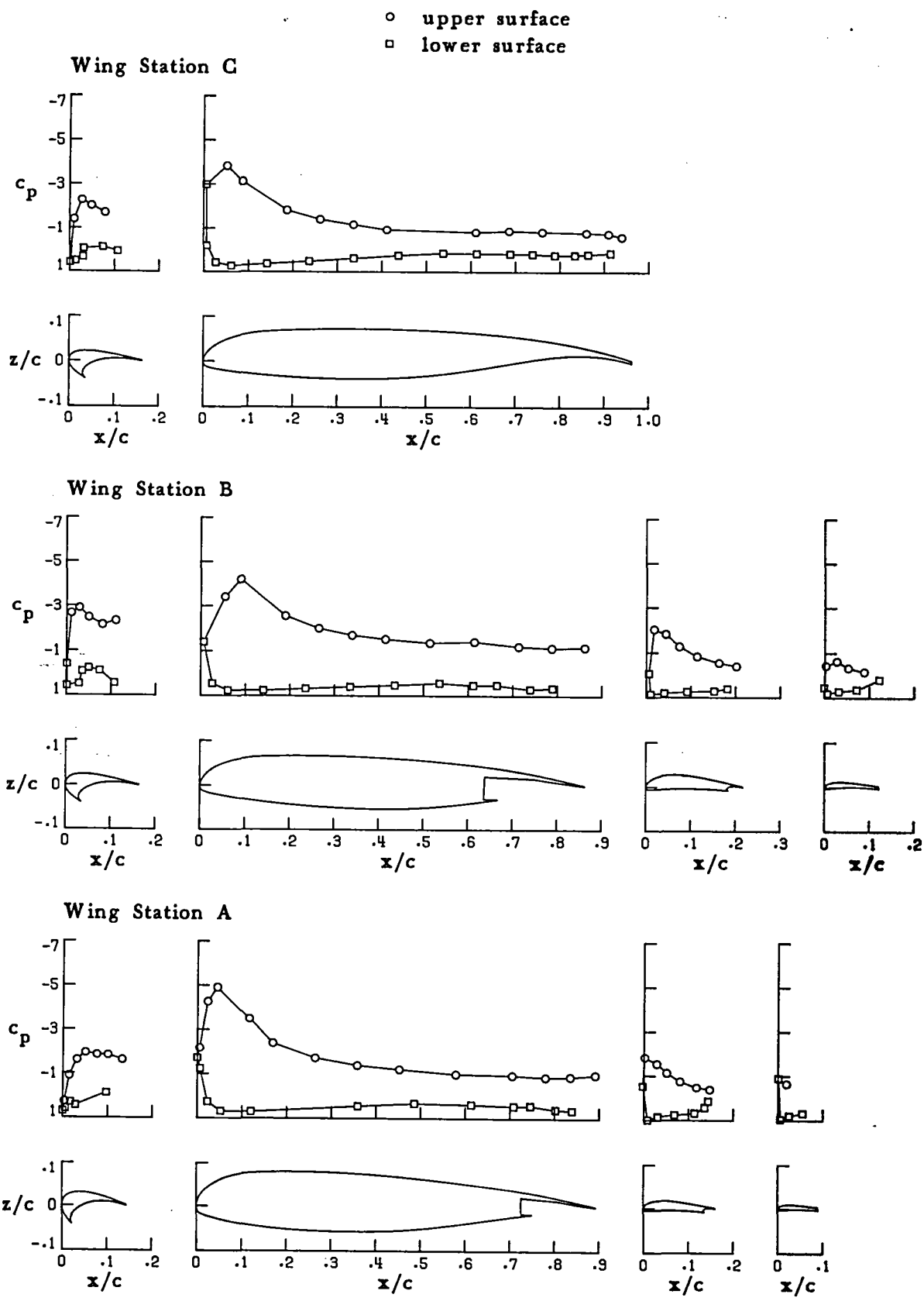
FIGURE 22. CONTINUED.

TEST = 498 RUN = 194 POINT = 21



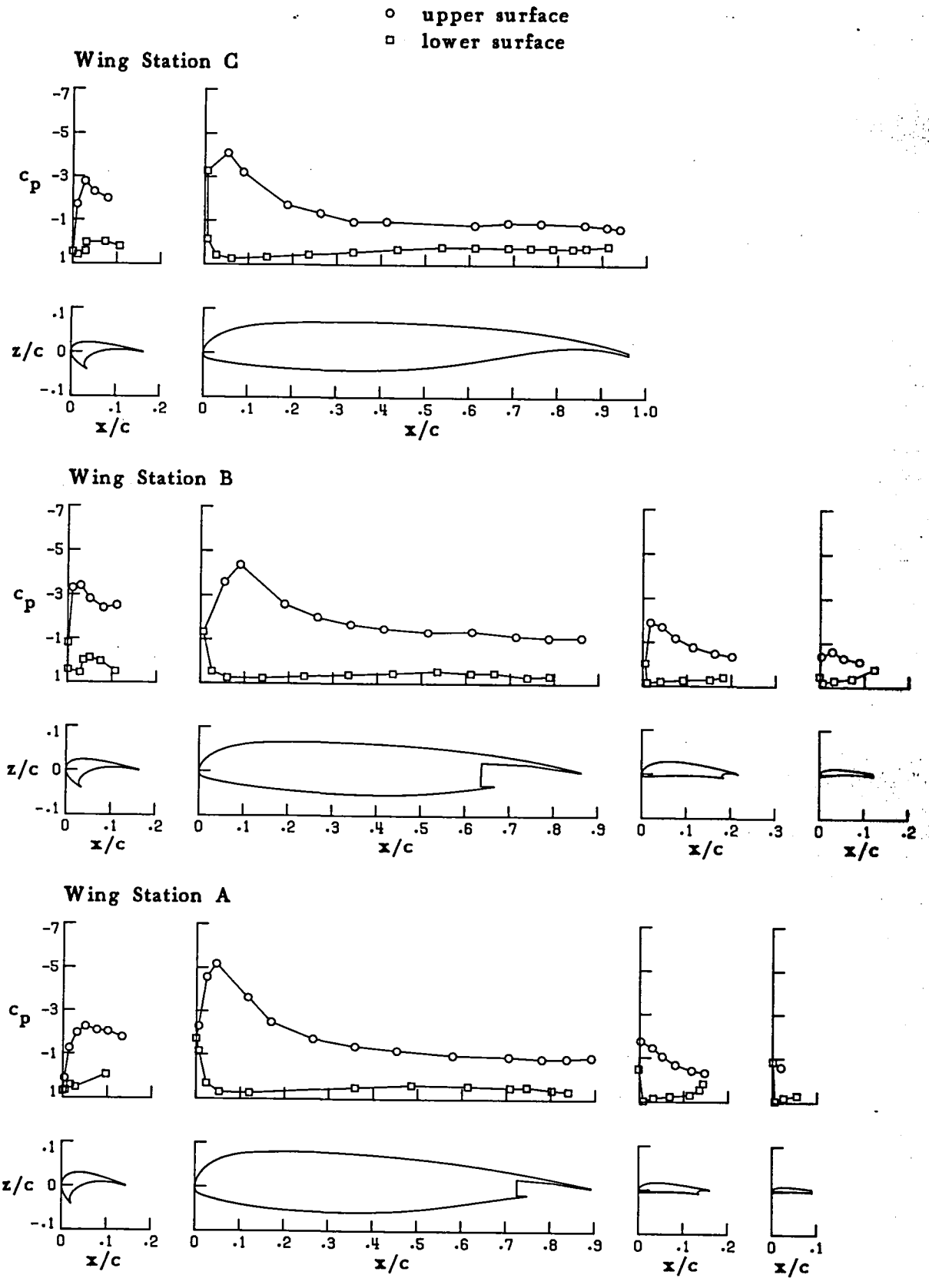
(f) α = 14.15

FIGURE 22. CONTINUED.



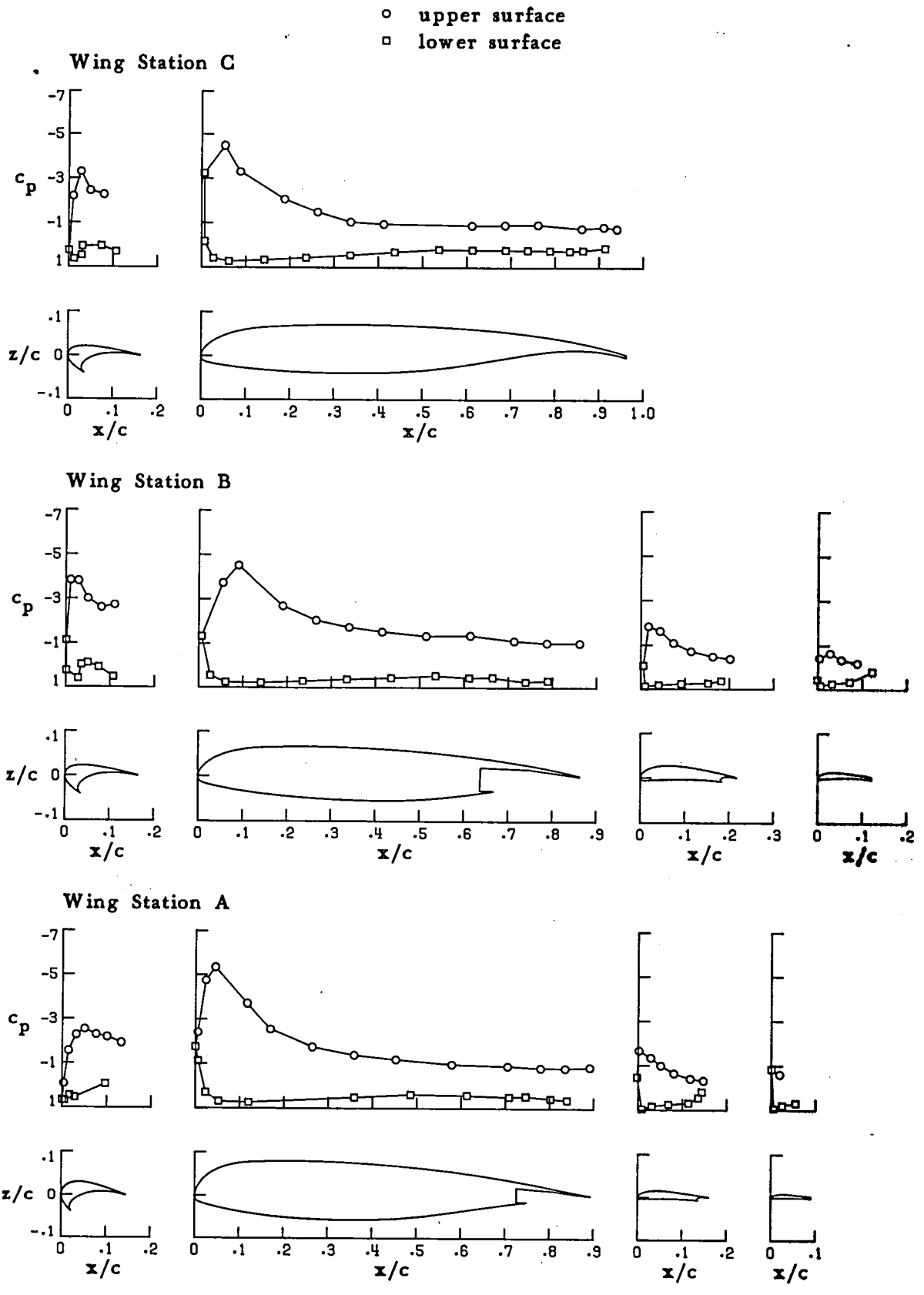
(g) α = 14.92

FIGURE 22. CONTINUED.



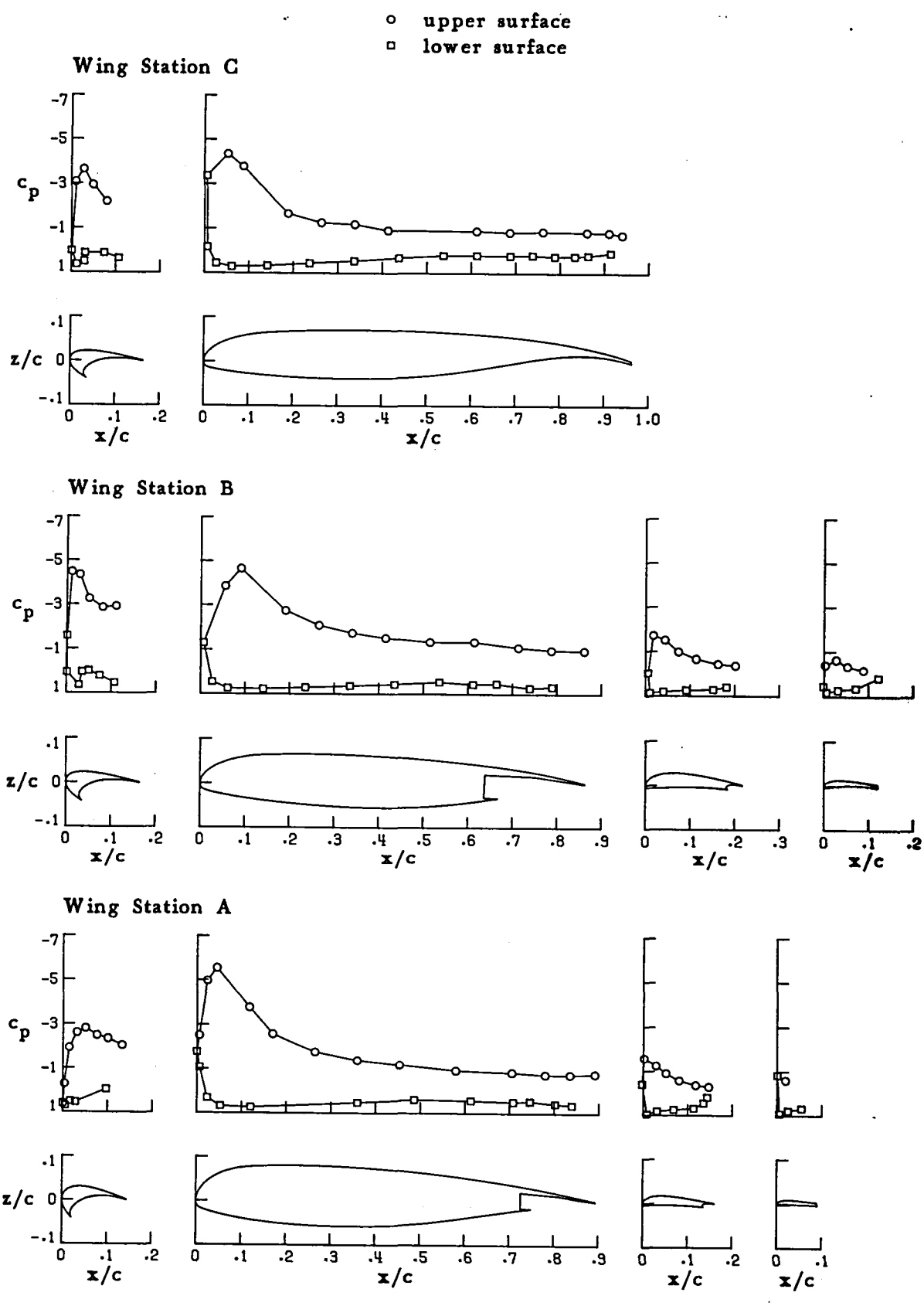
(h) α = 16.12

FIGURE 22. CONTINUED.



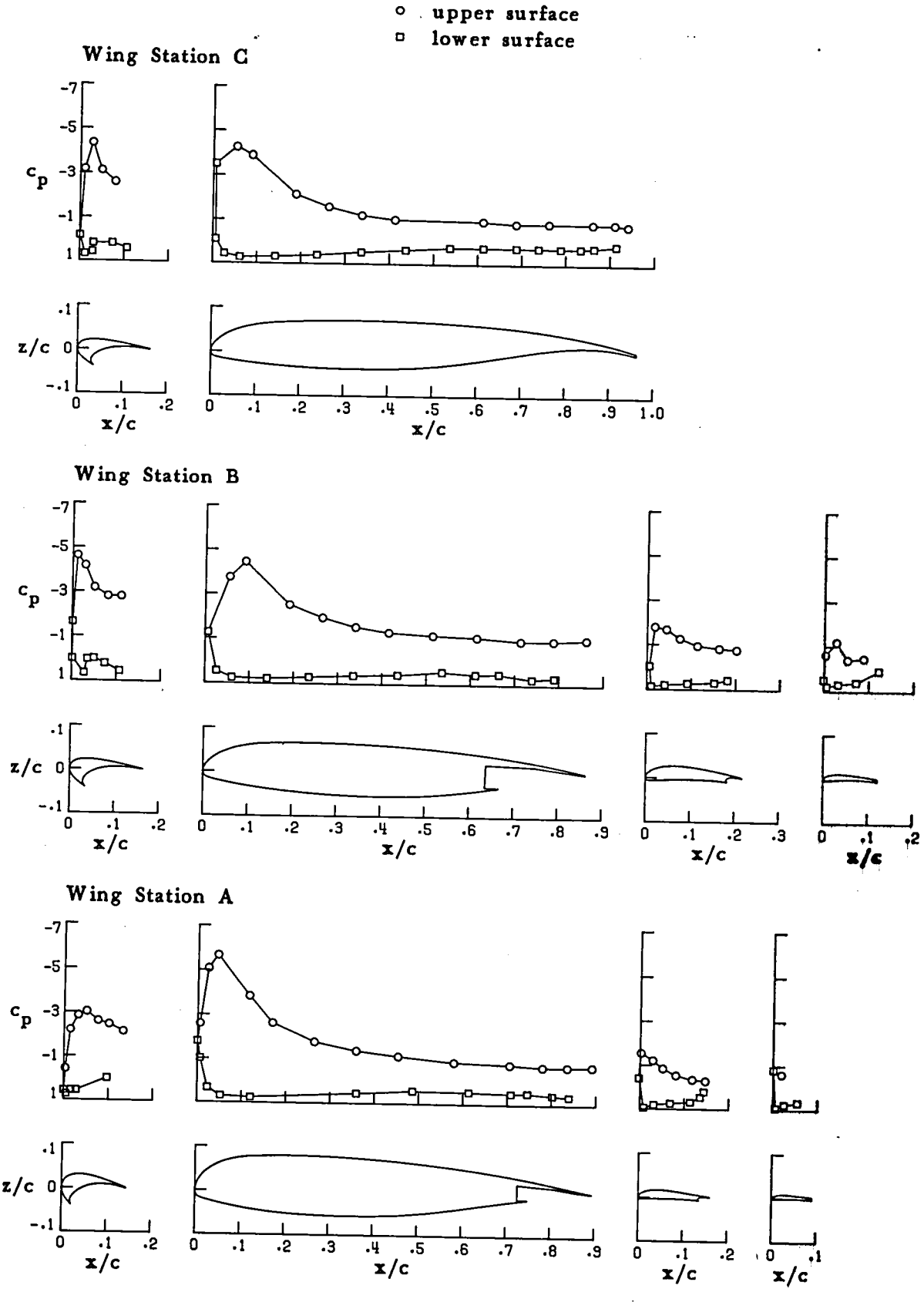
(i) α = 17.06

FIGURE 22. CONTINUED.



(j) α = 18.22

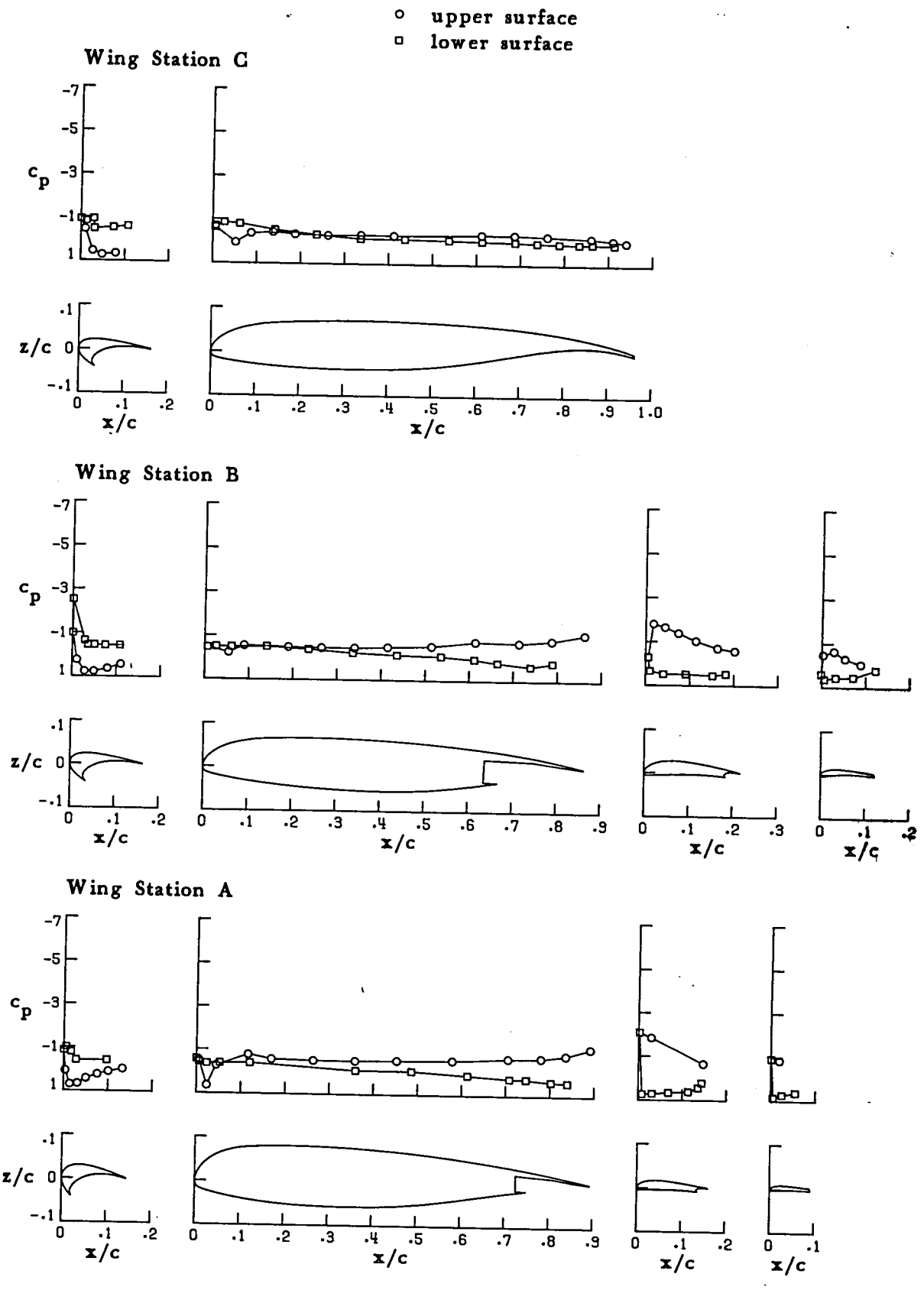
FIGURE 22. CONTINUED.



(k) α = 19.24

FIGURE 22. CONCLUDED.

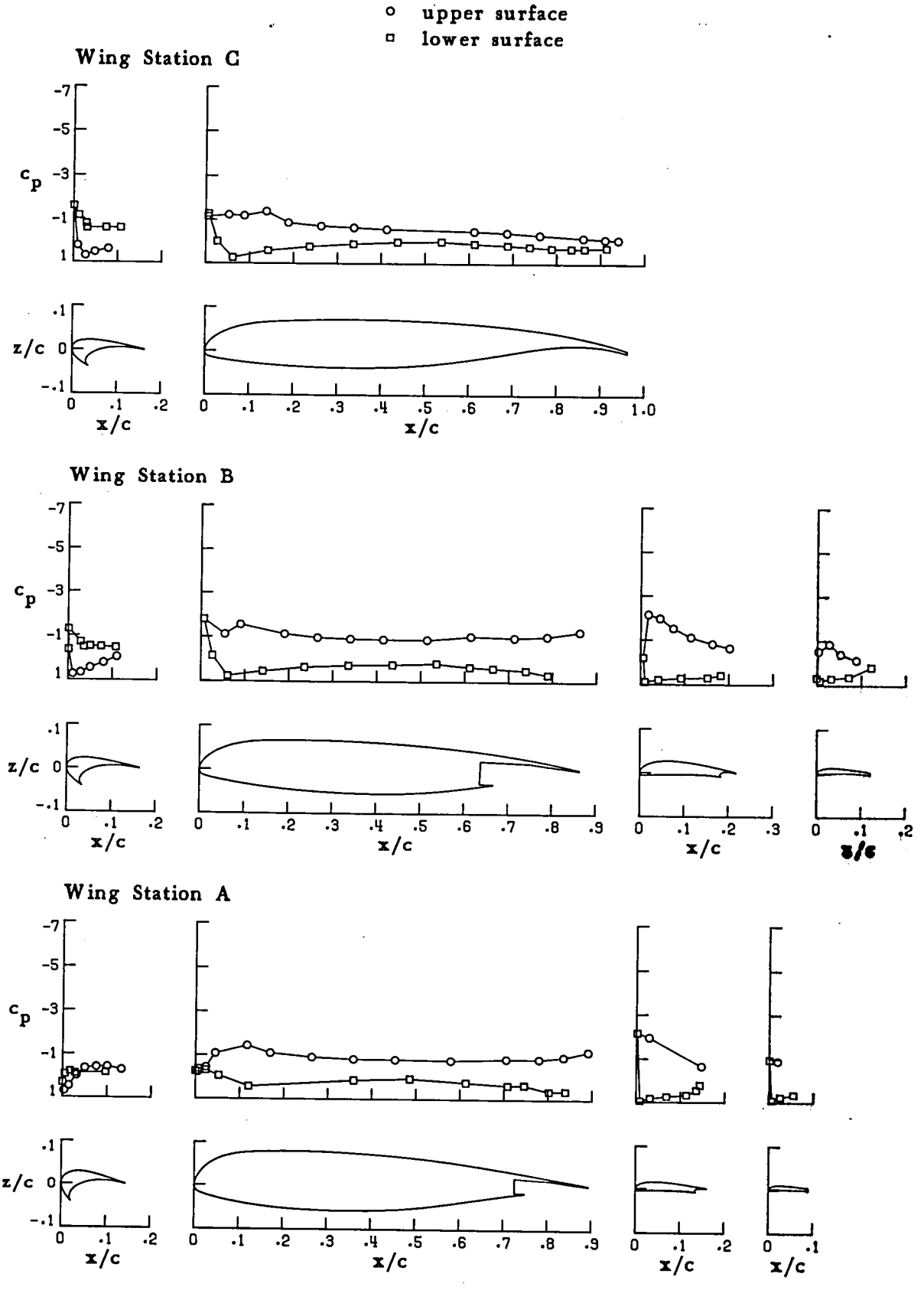
TEST = 496 RUN = 134 POINT = 27



(a) α = -5.28

FIGURE 23. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 195.

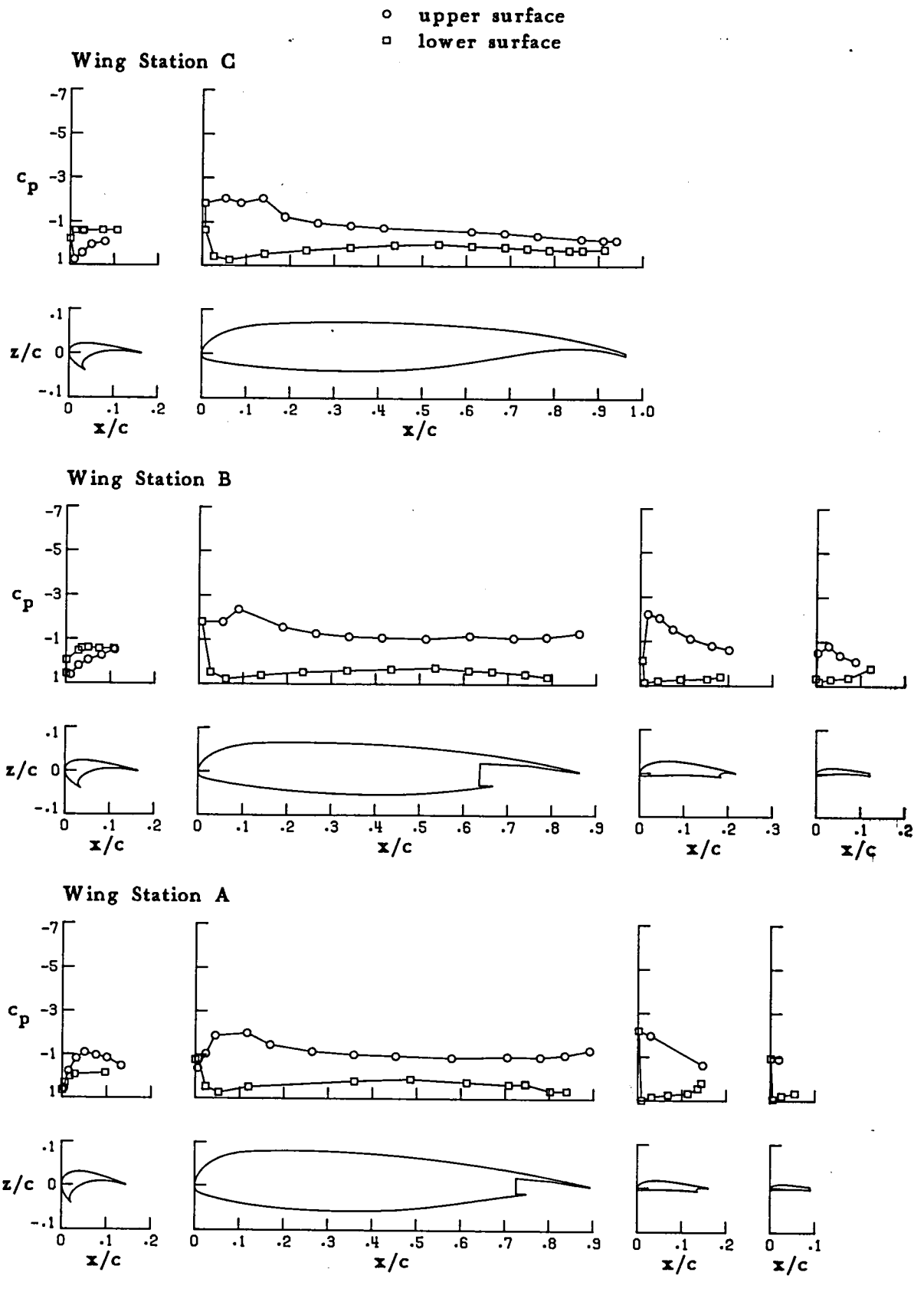
TEST = 436 RUN = 195 POINT = 4



(b) α = .31

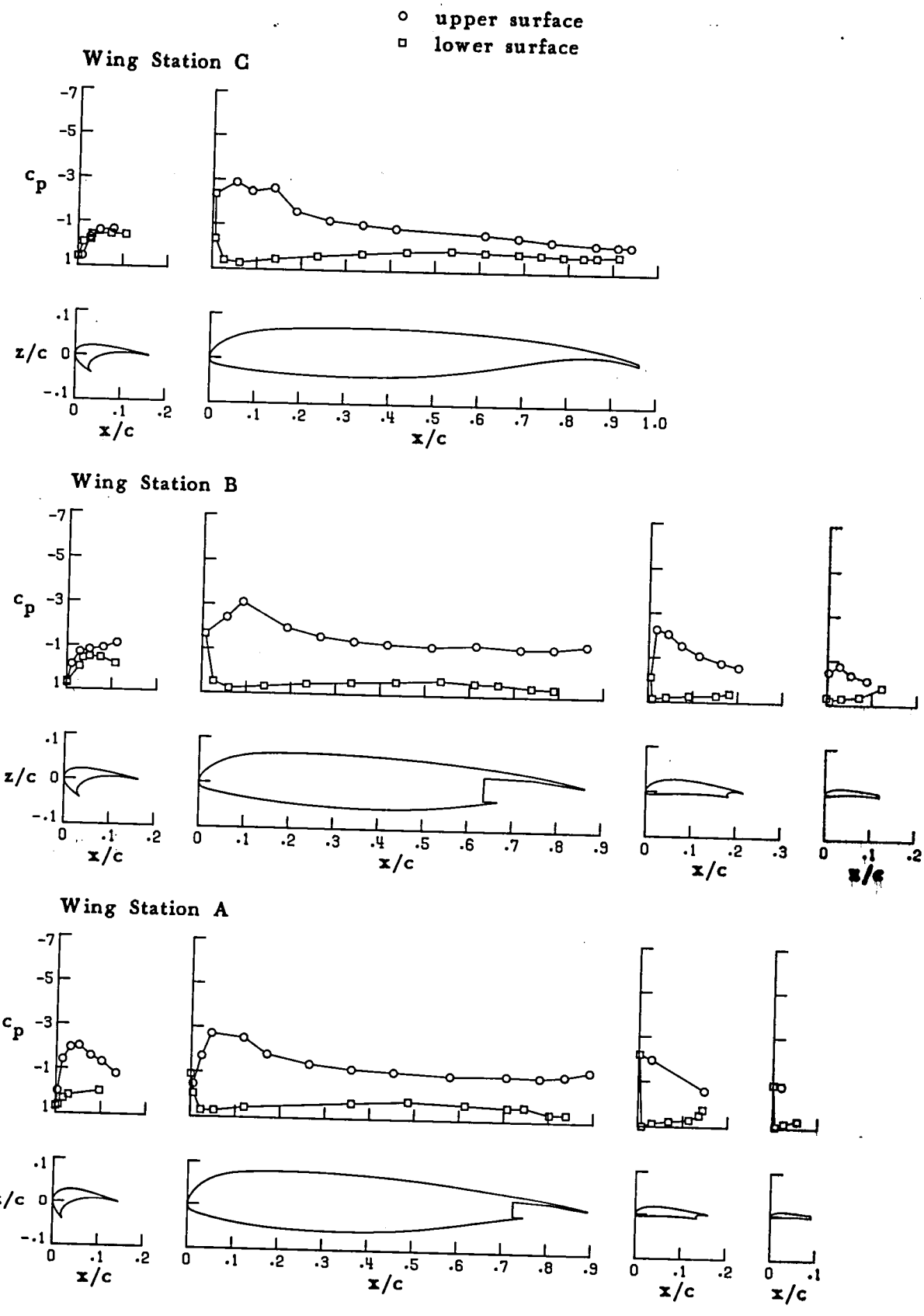
FIGURE 23. CONTINUED.

TEST = 498 RUN = 155 POINT = 7



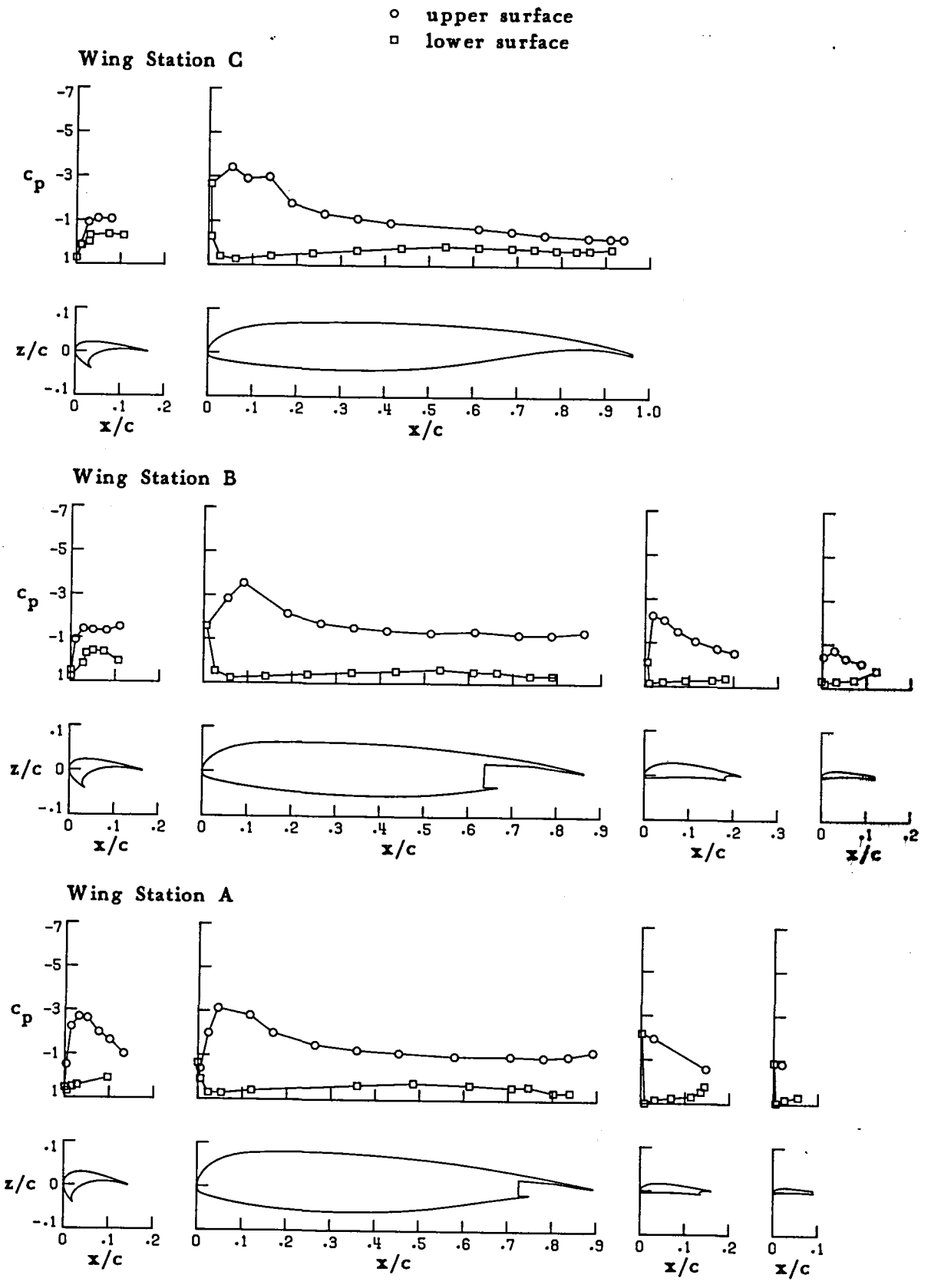
(c) α = 4.86

FIGURE 23. CONTINUED.



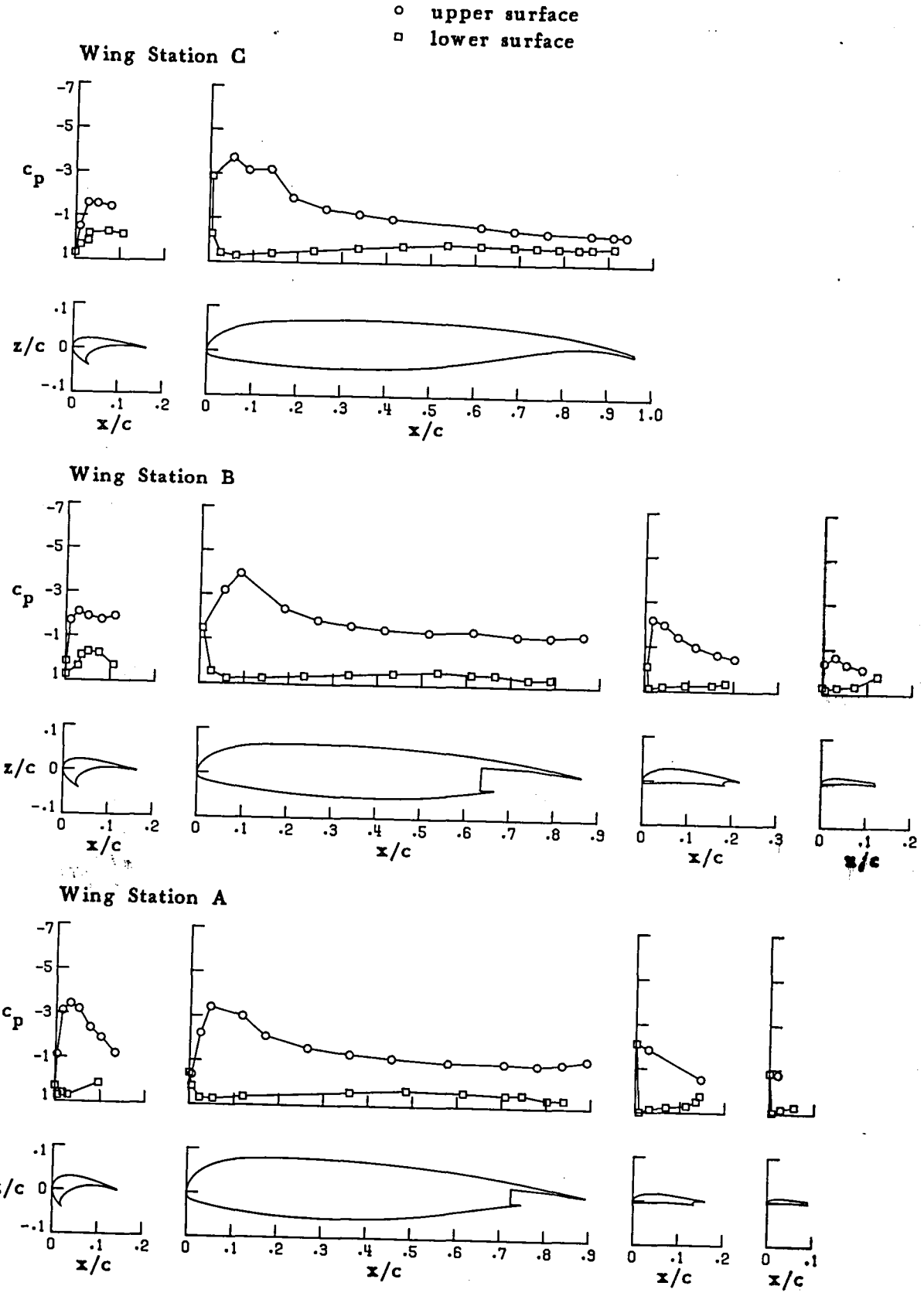
(d) α = 8.88

FIGURE 23. CONTINUED.



(e) α = 10.88

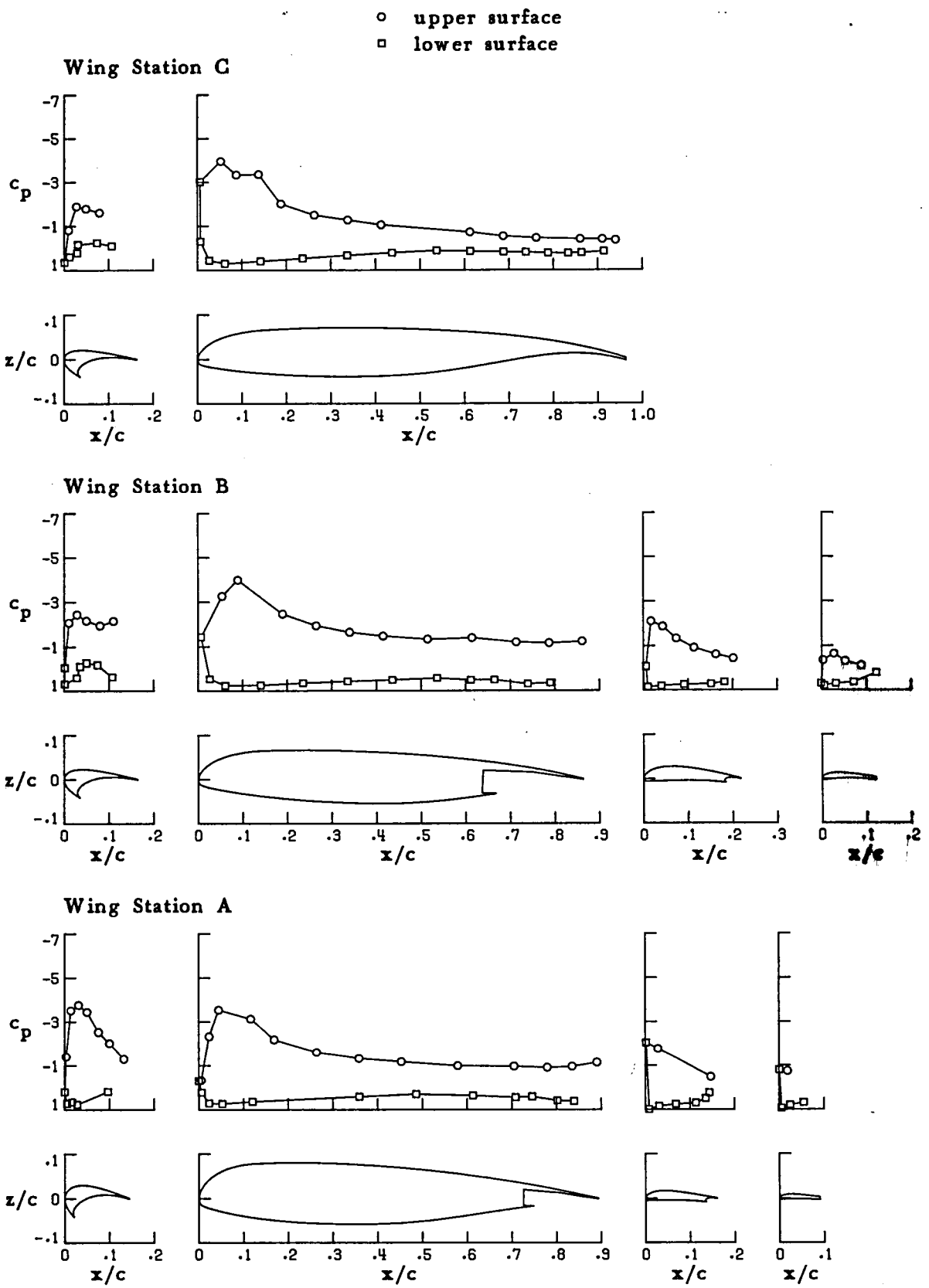
FIGURE 23. CONTINUED.



(f) α = 12.94

FIGURE 23. CONTINUED.

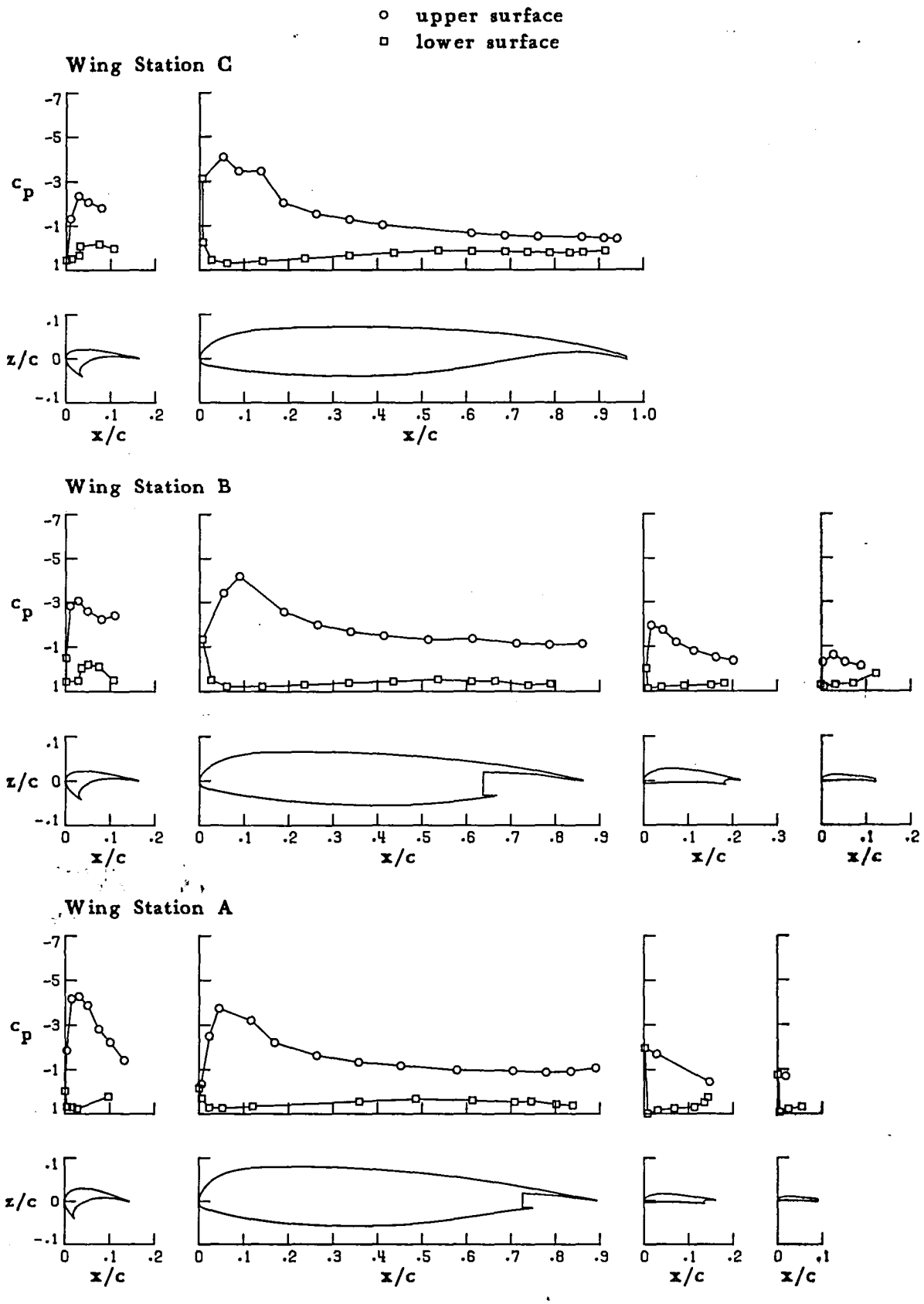
TEST = 436 RUN = 195 POINT = 14



(g) α = 13.70

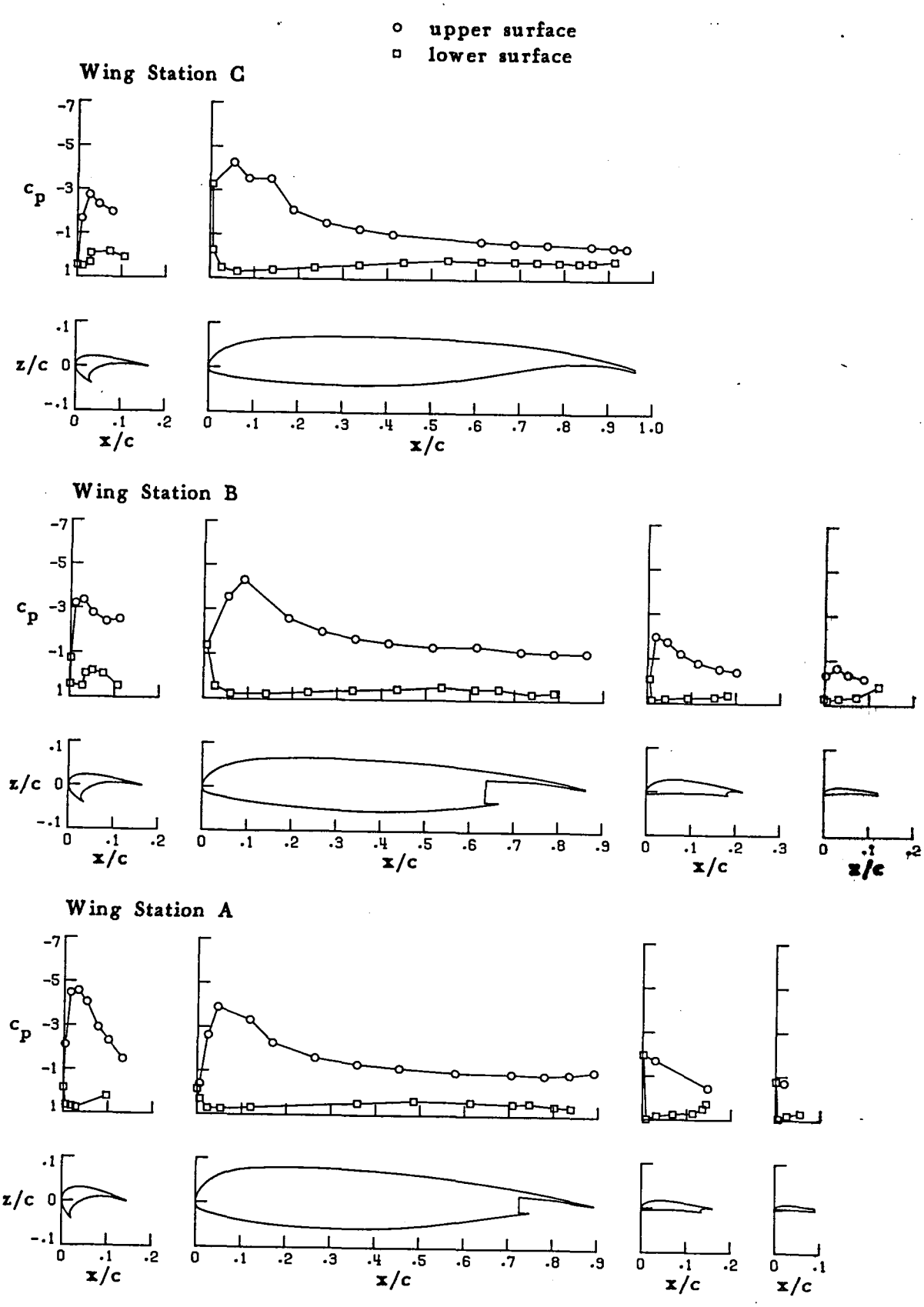
FIGURE 23. CONTINUED.

TEST = 496 RUN = 196 POINT = 15



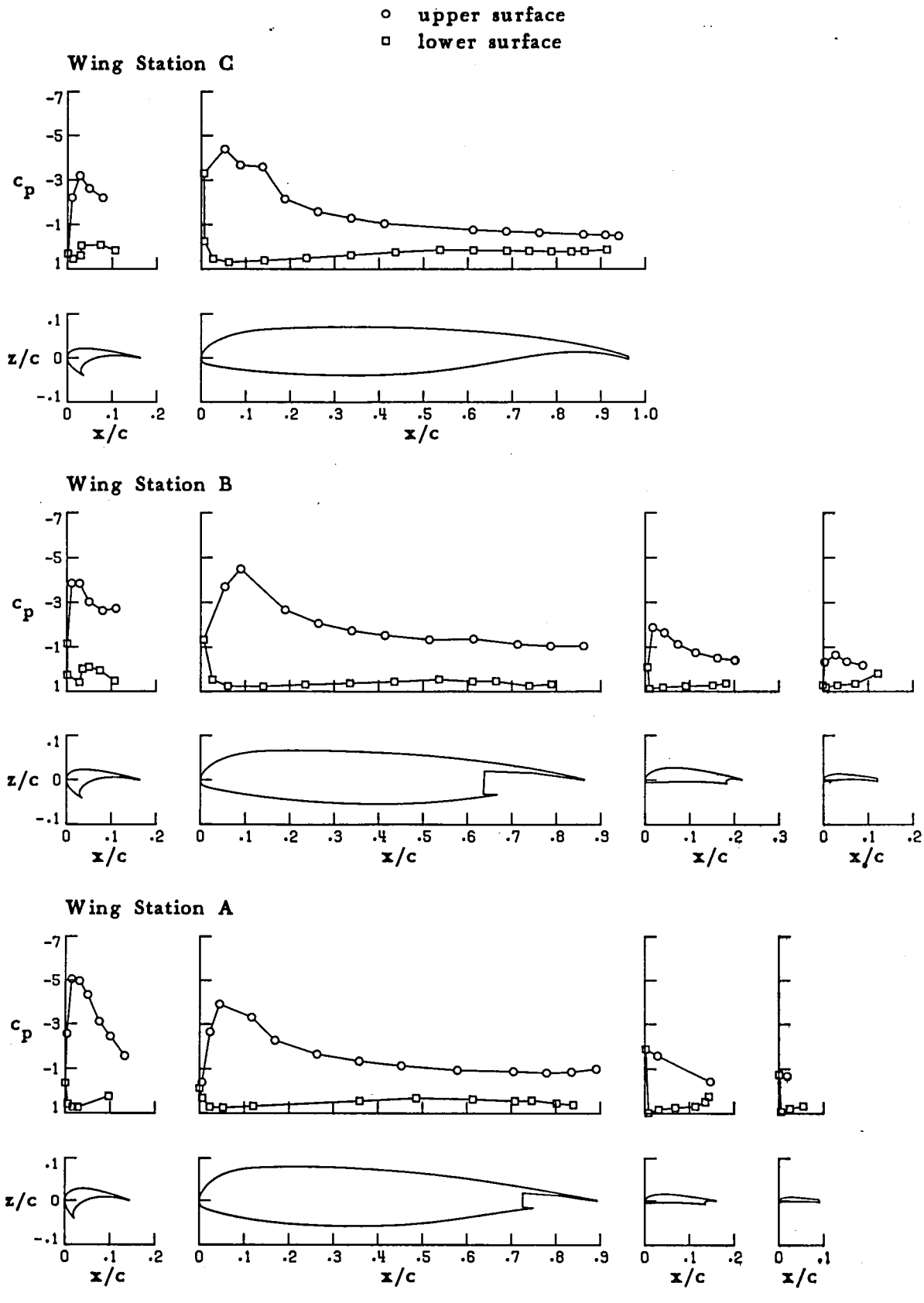
(h) α = 15.23

FIGURE 23. CONTINUED.



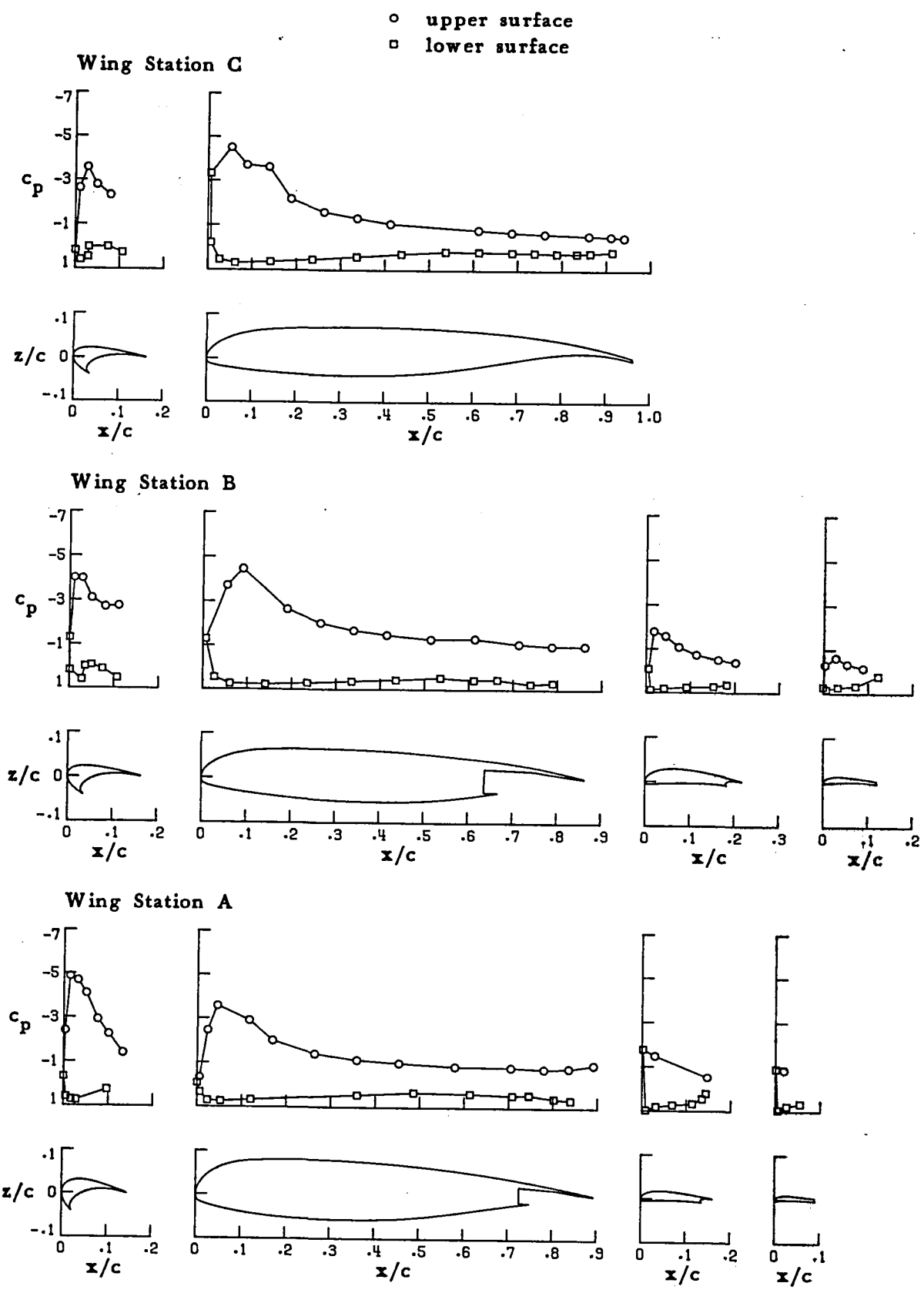
(i) α = 15.88

FIGURE 23. CONTINUED.



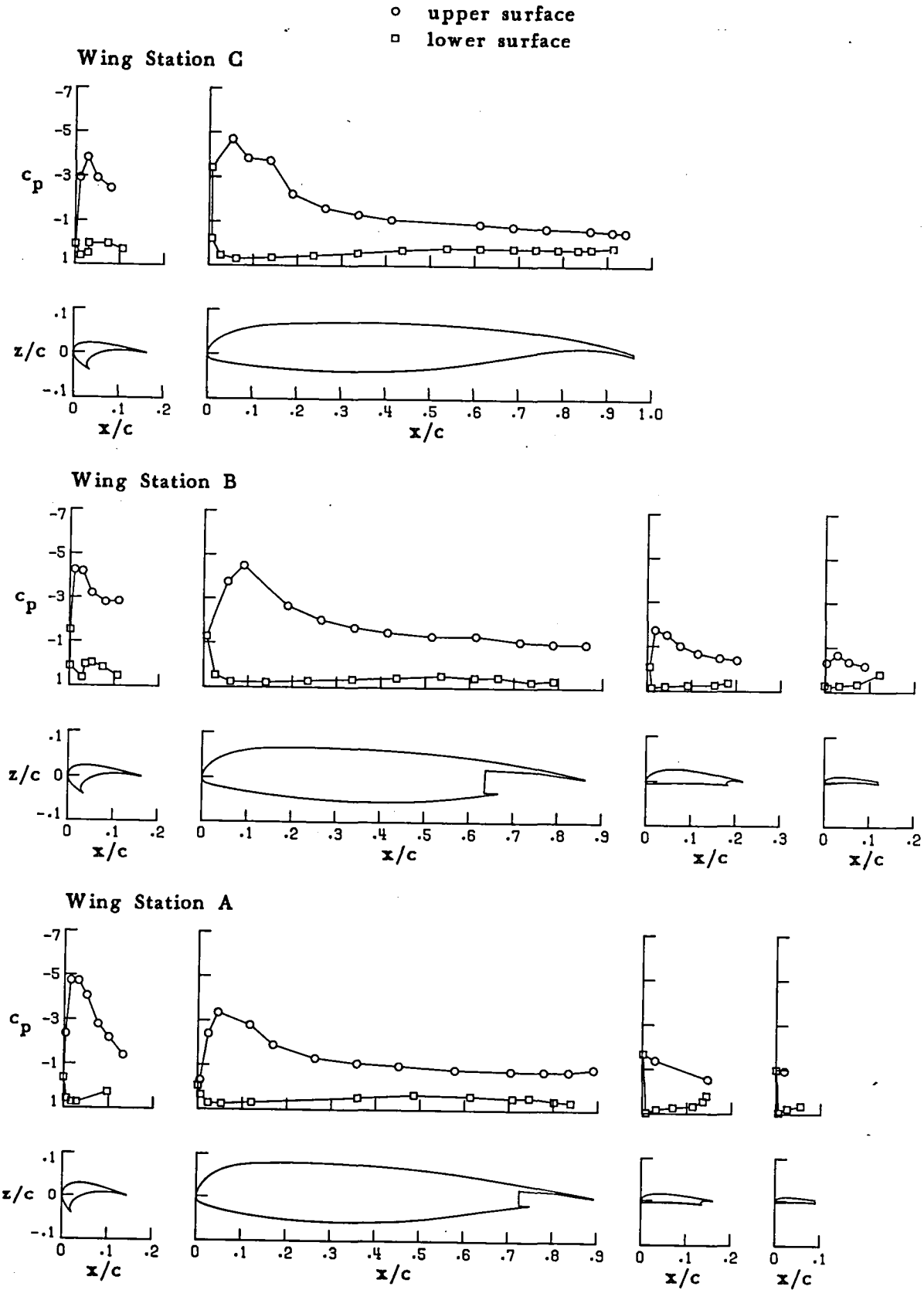
(j) α = 17.24

FIGURE 23. CONTINUED.



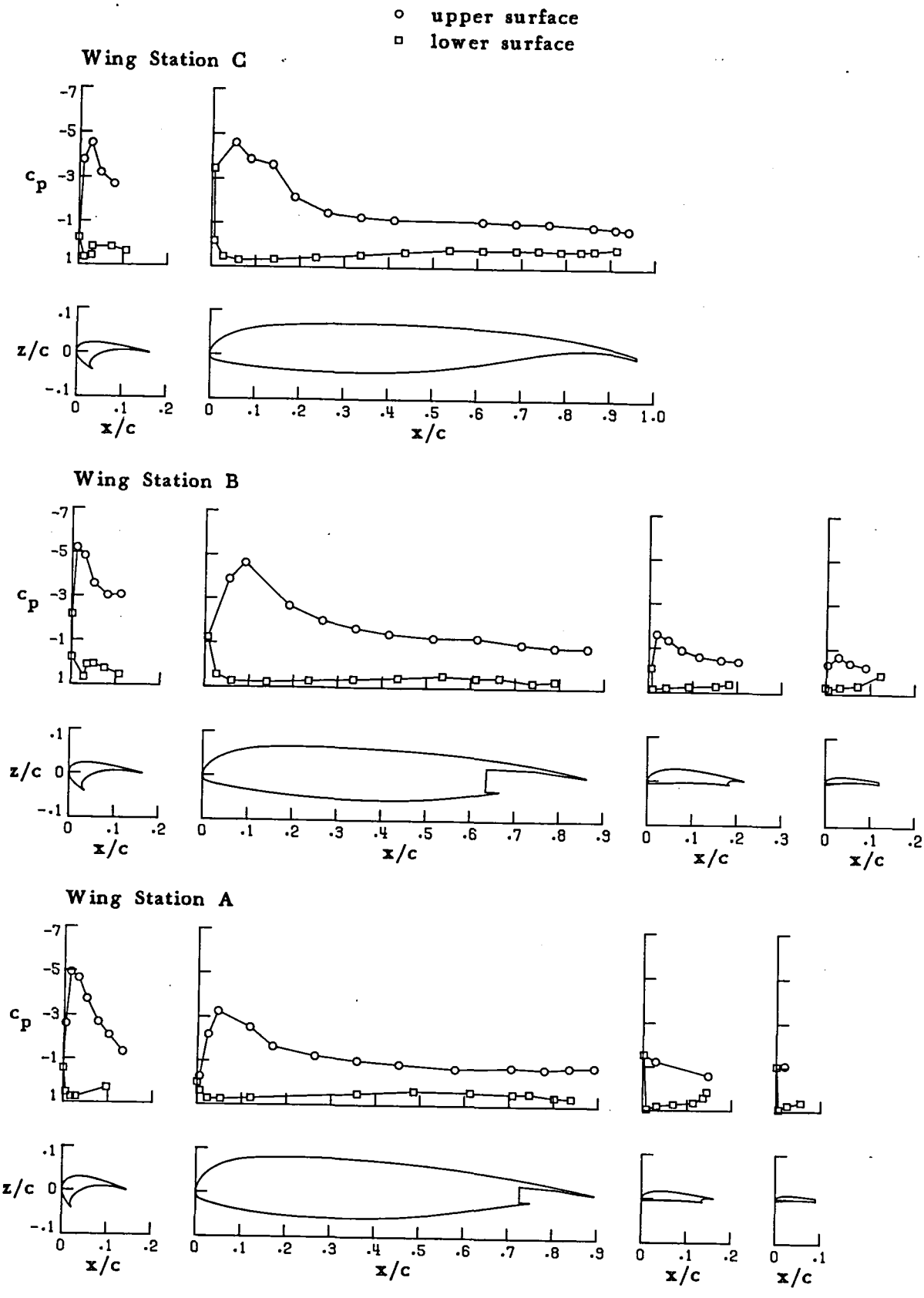
(k) α = 18.37

FIGURE 23. CONTINUED.



(1) α = 18.86

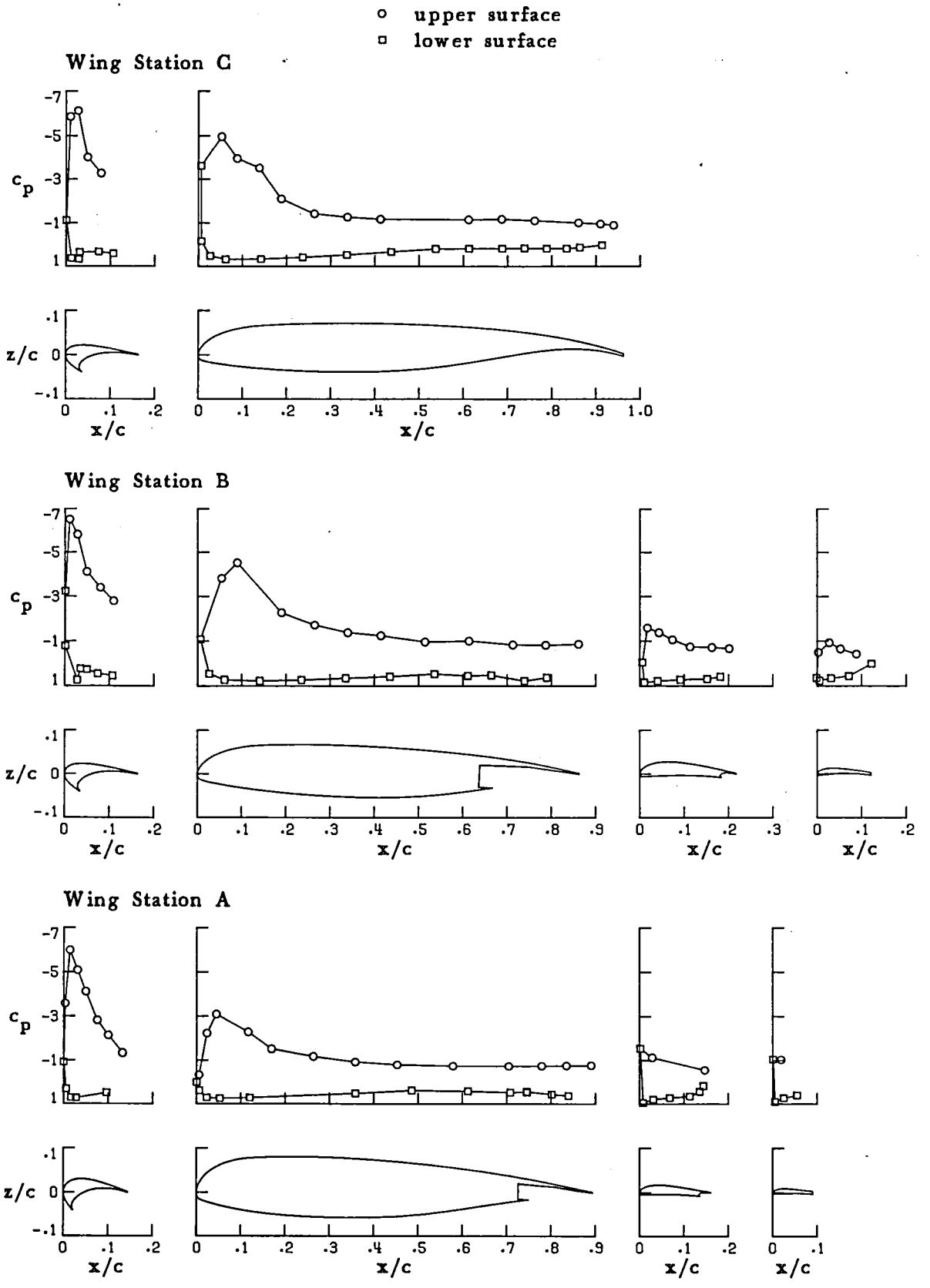
FIGURE 23. CONTINUED.



(m) α = 20.77

FIGURE 23. CONTINUED.

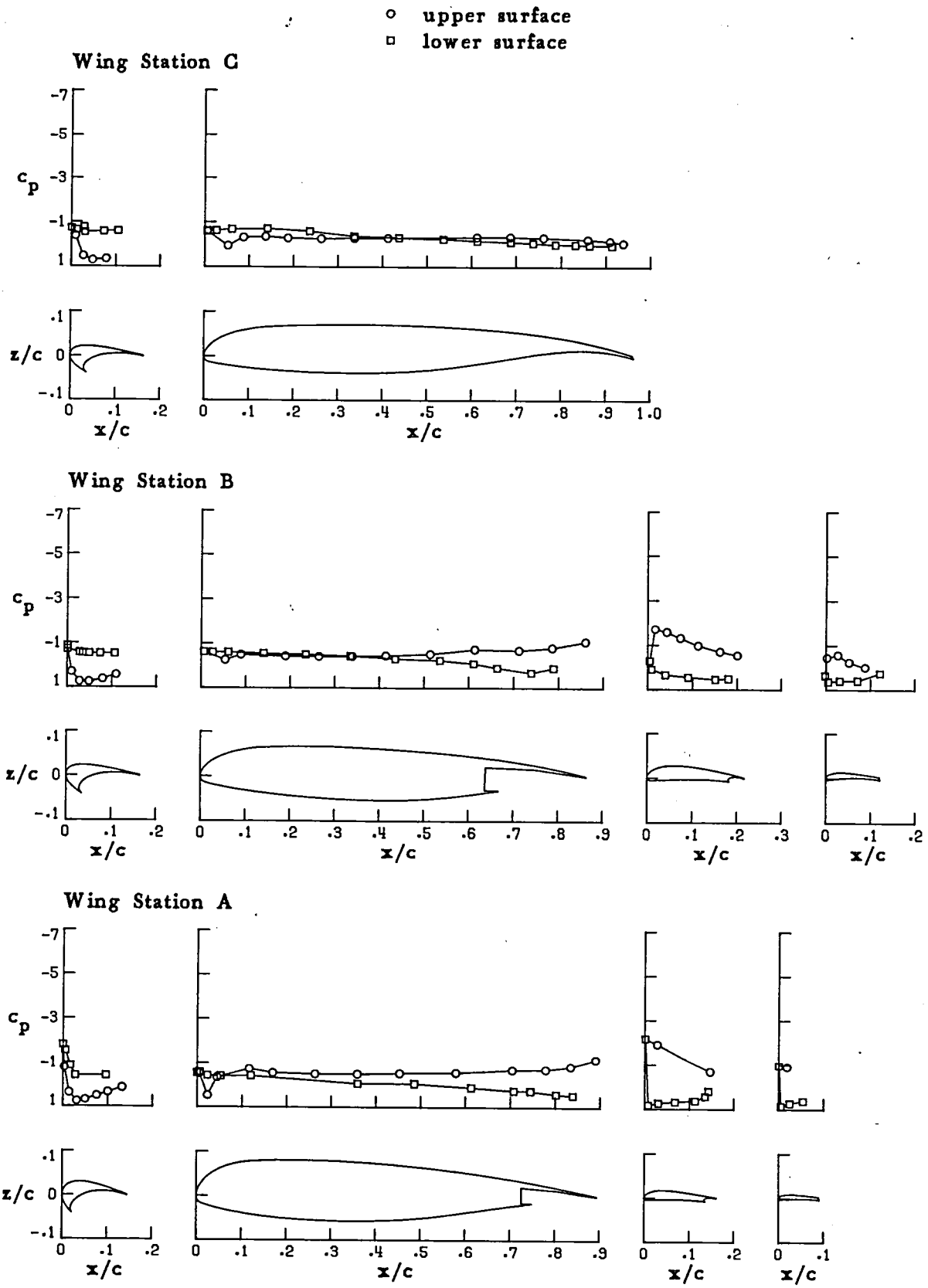
TEST = 496 RUN = 196 POINT = 21



(n) α = 24.95

FIGURE 23. CONCLUDED.

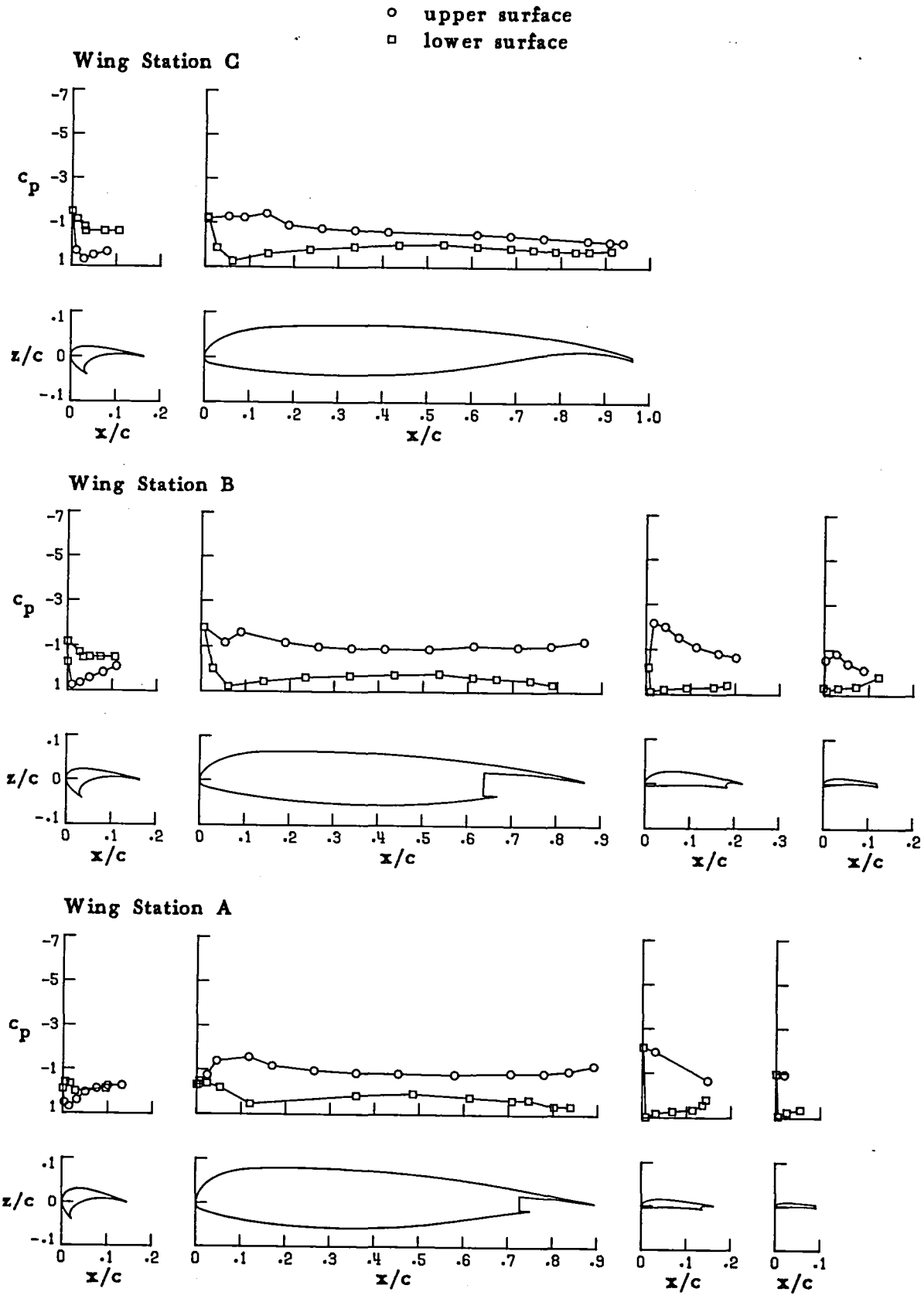
TEST = 436 RUN = 155 POINT = 23



(a) α = -5.87

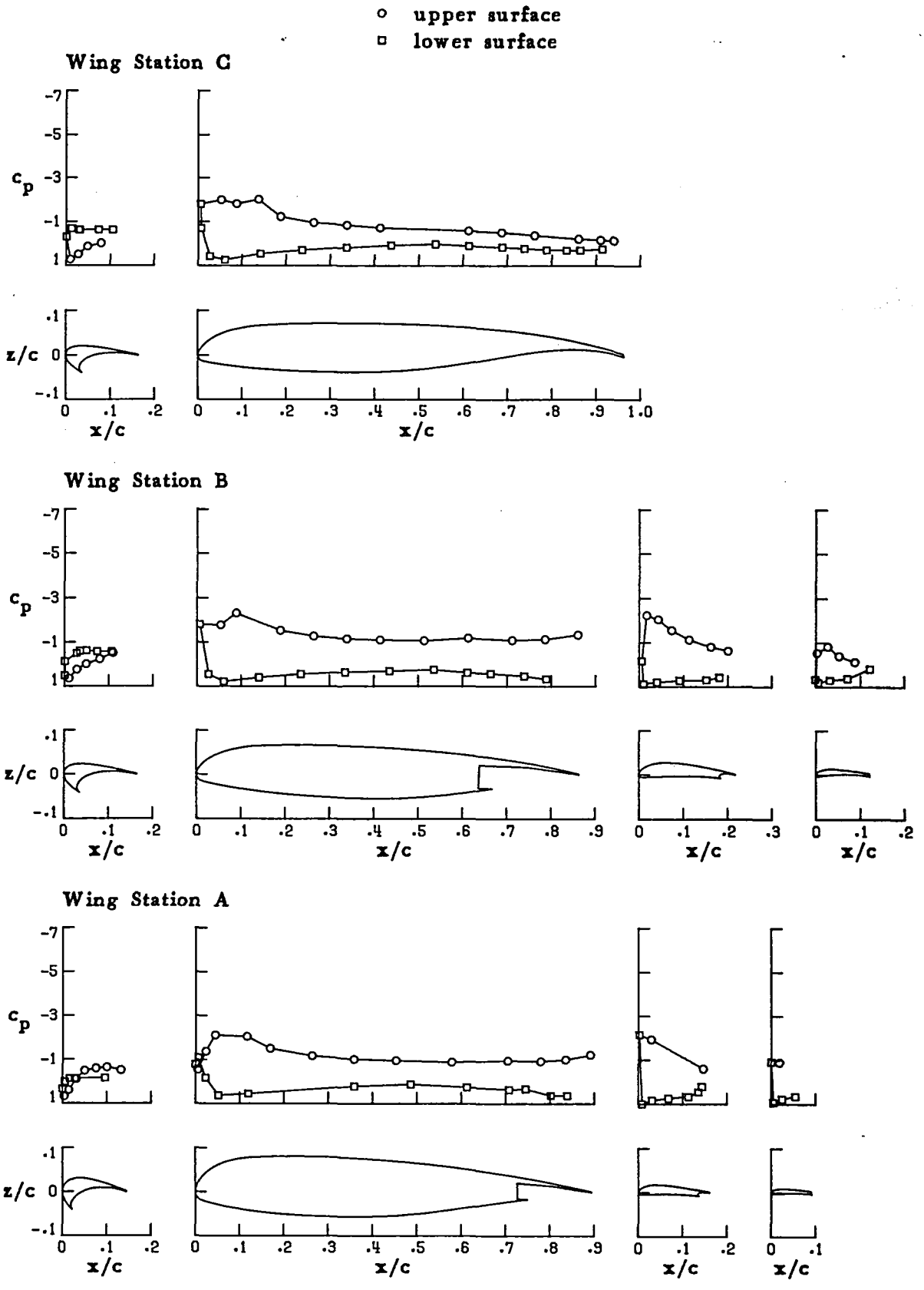
FIGURE 24. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 199.

TEST = 498 RUN = 199 POINT = 6



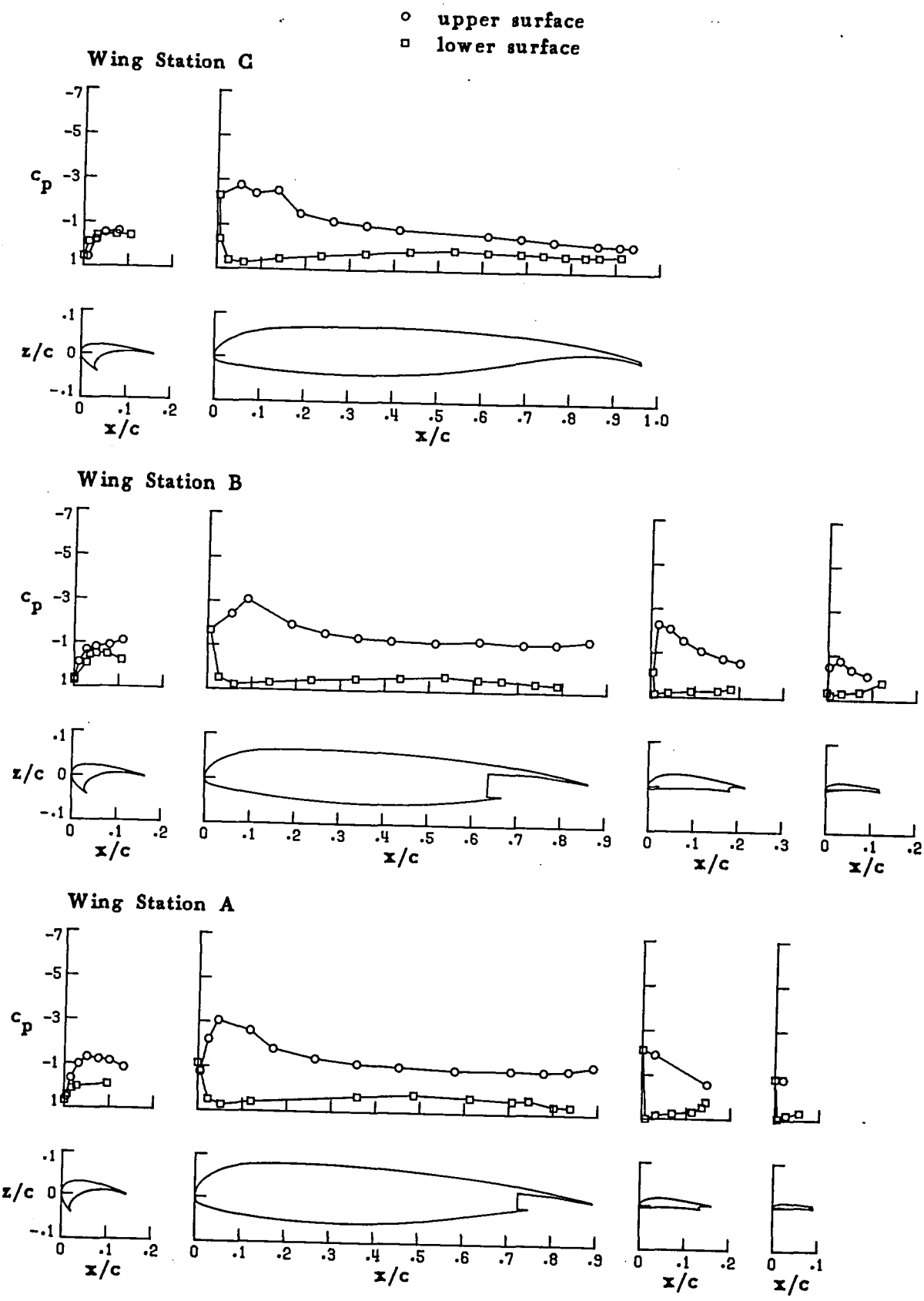
(b) α = .85

FIGURE 24. CONTINUED.



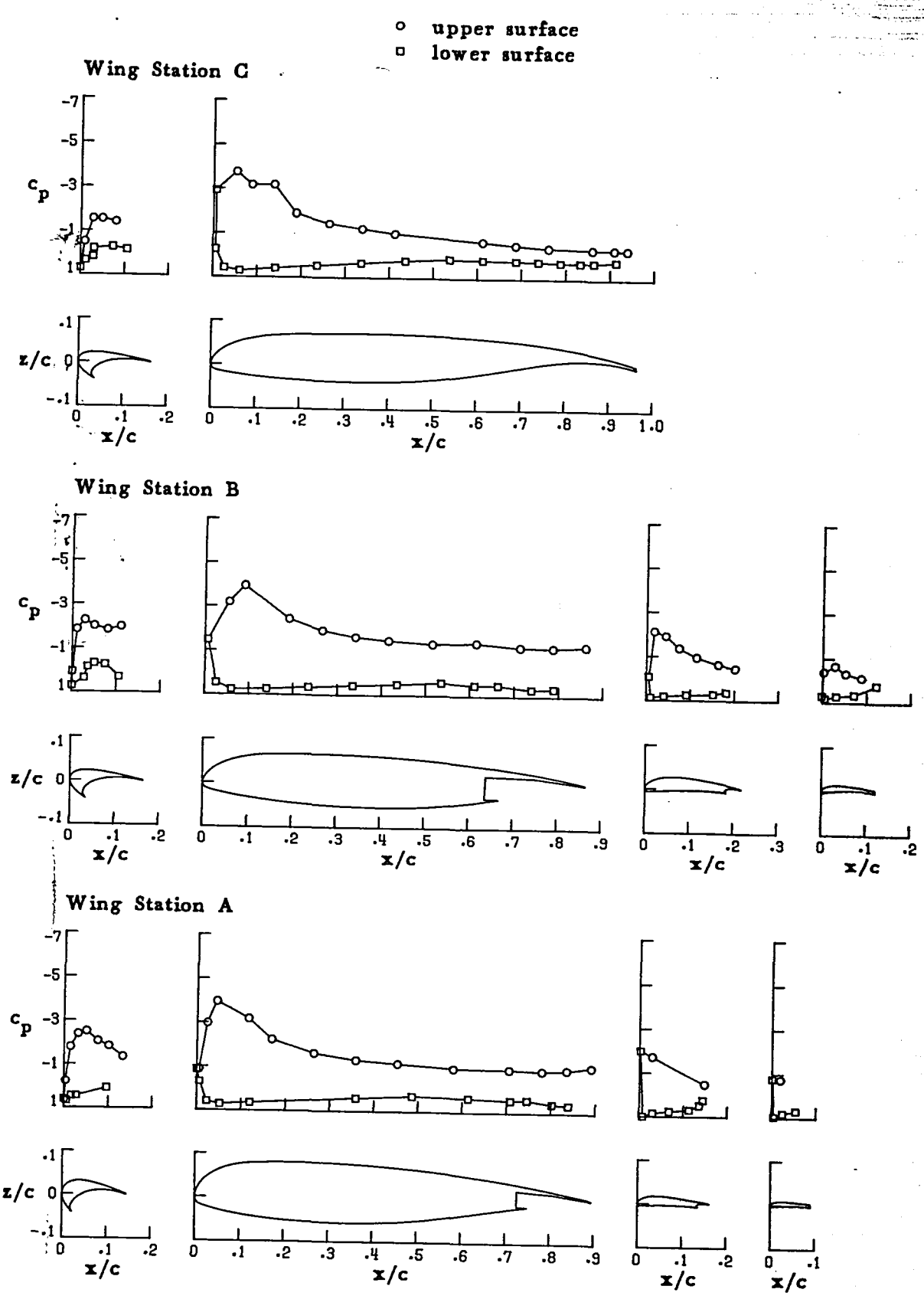
(c) α = 4.55

FIGURE 24. CONTINUED.



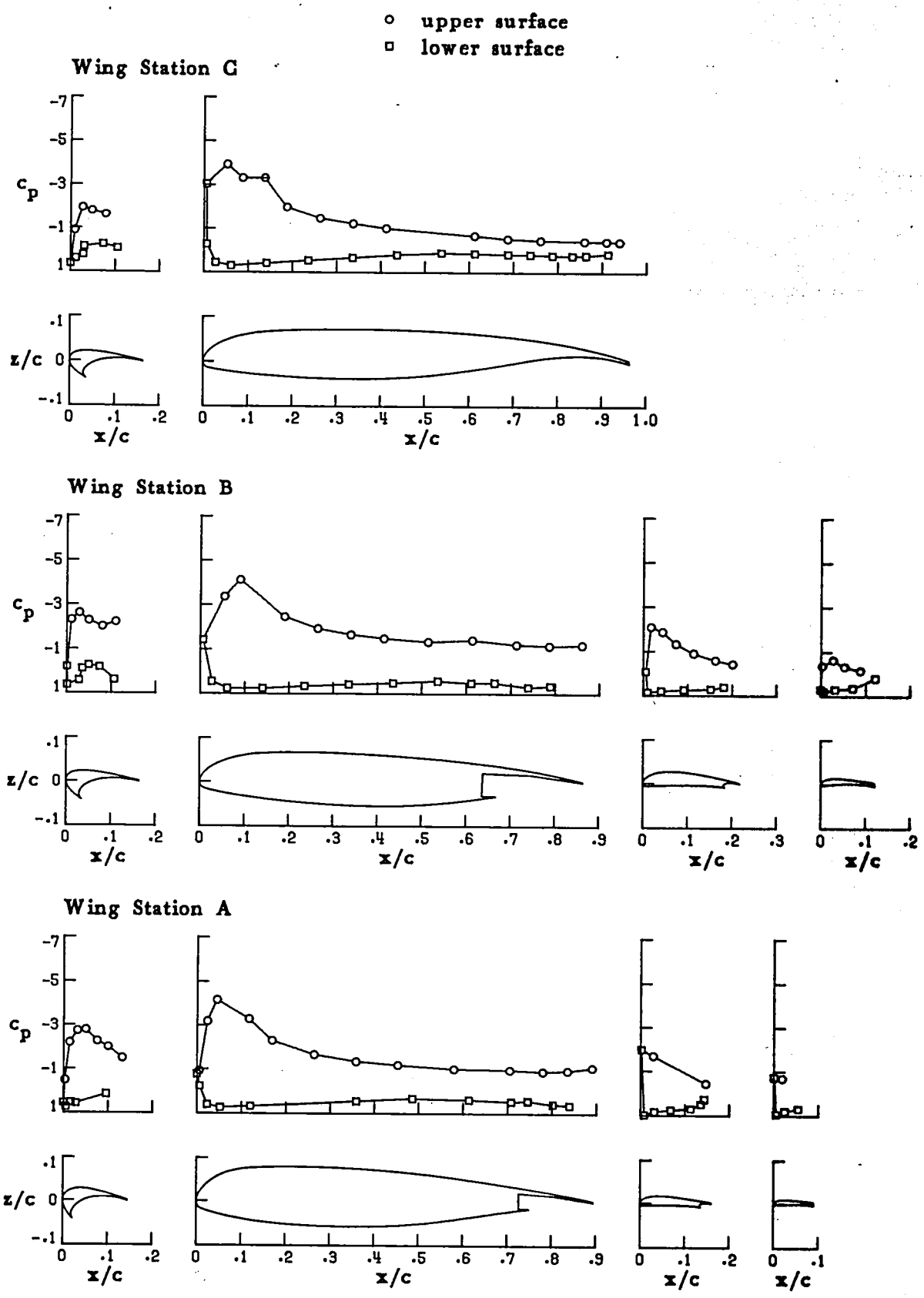
(d) α = 8.77

FIGURE 24. CONTINUED.



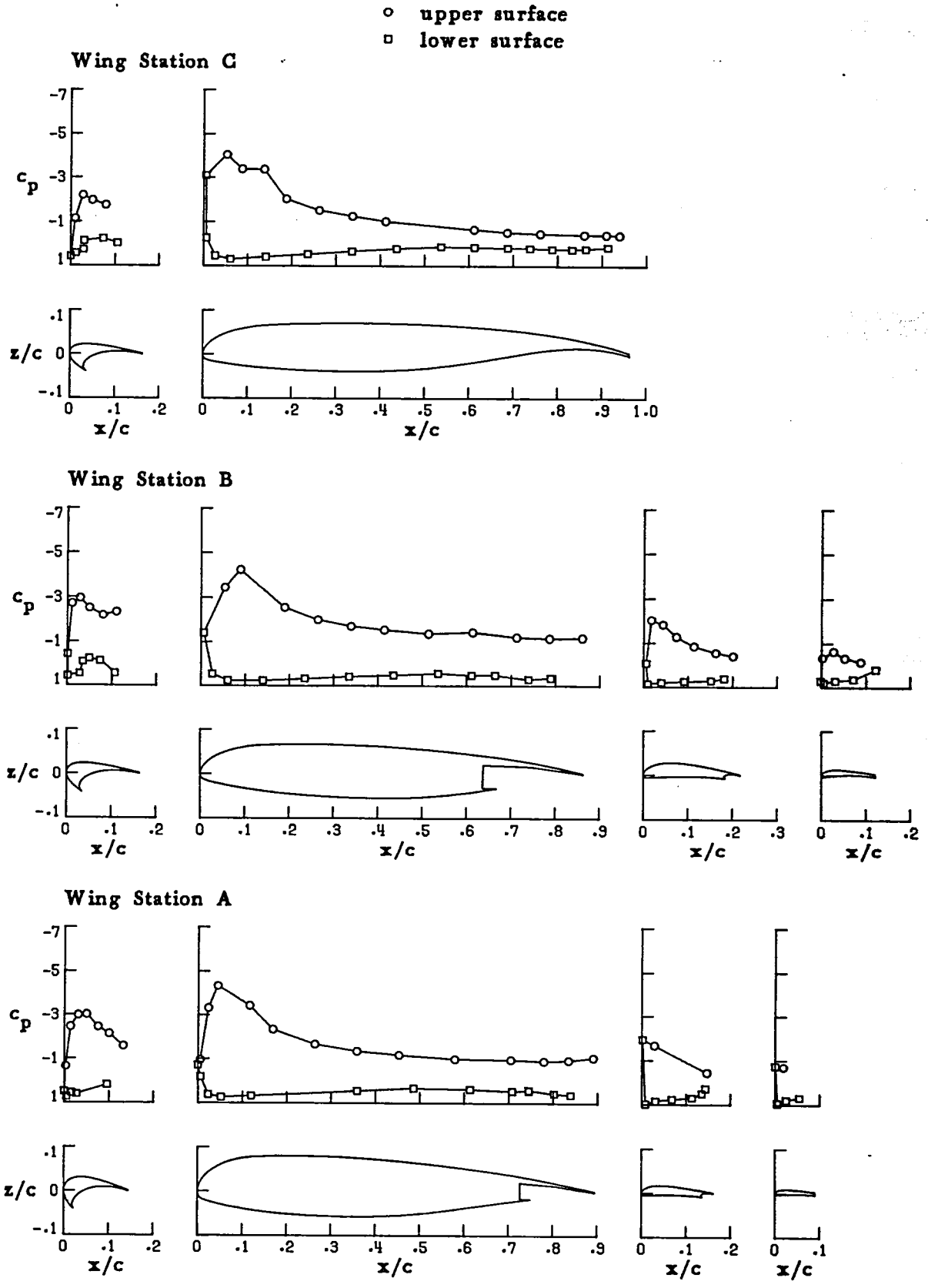
(e) α = 13.04

FIGURE 24. CONTINUED.



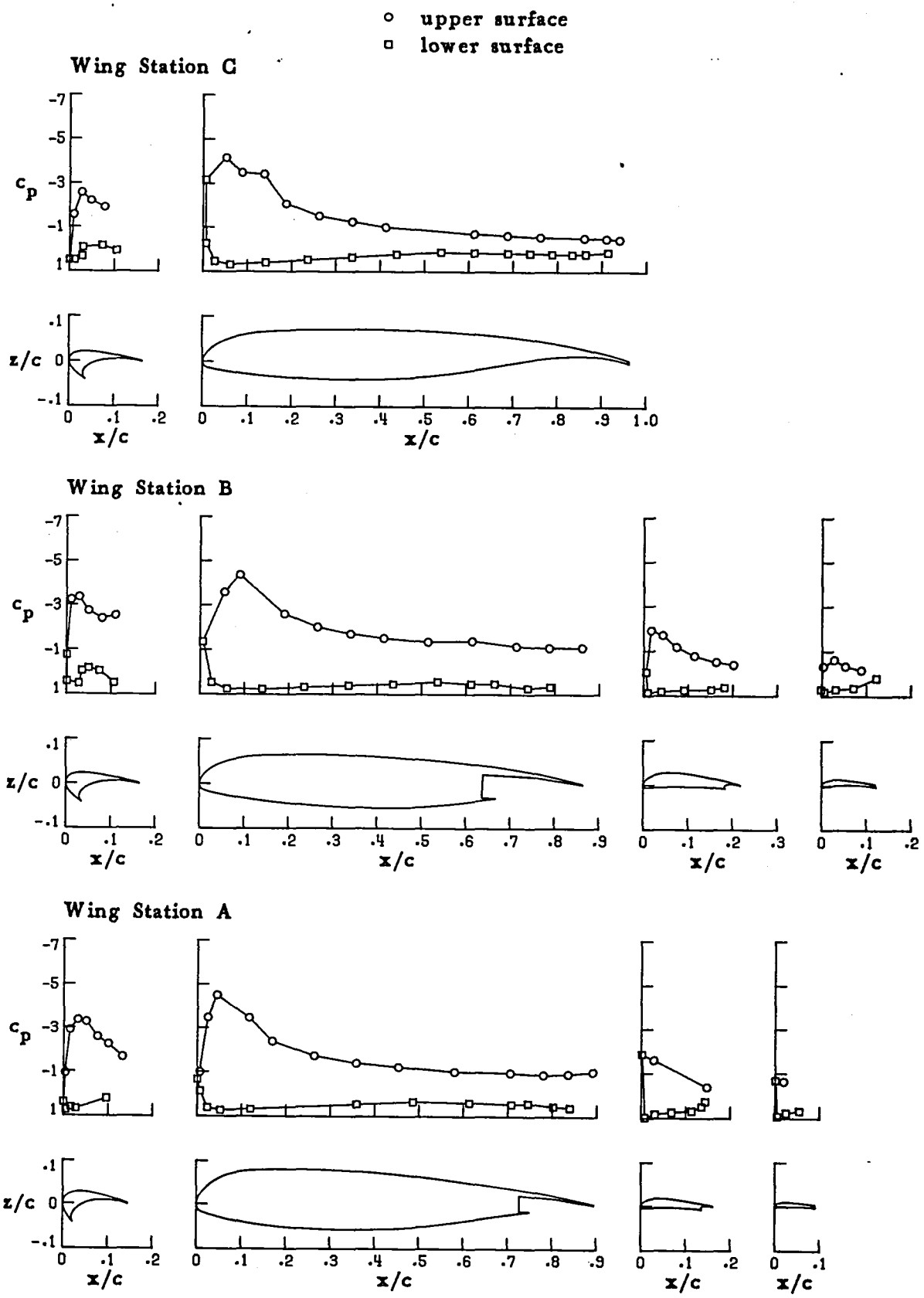
(f) α = 13.99

FIGURE 24. CONTINUED.



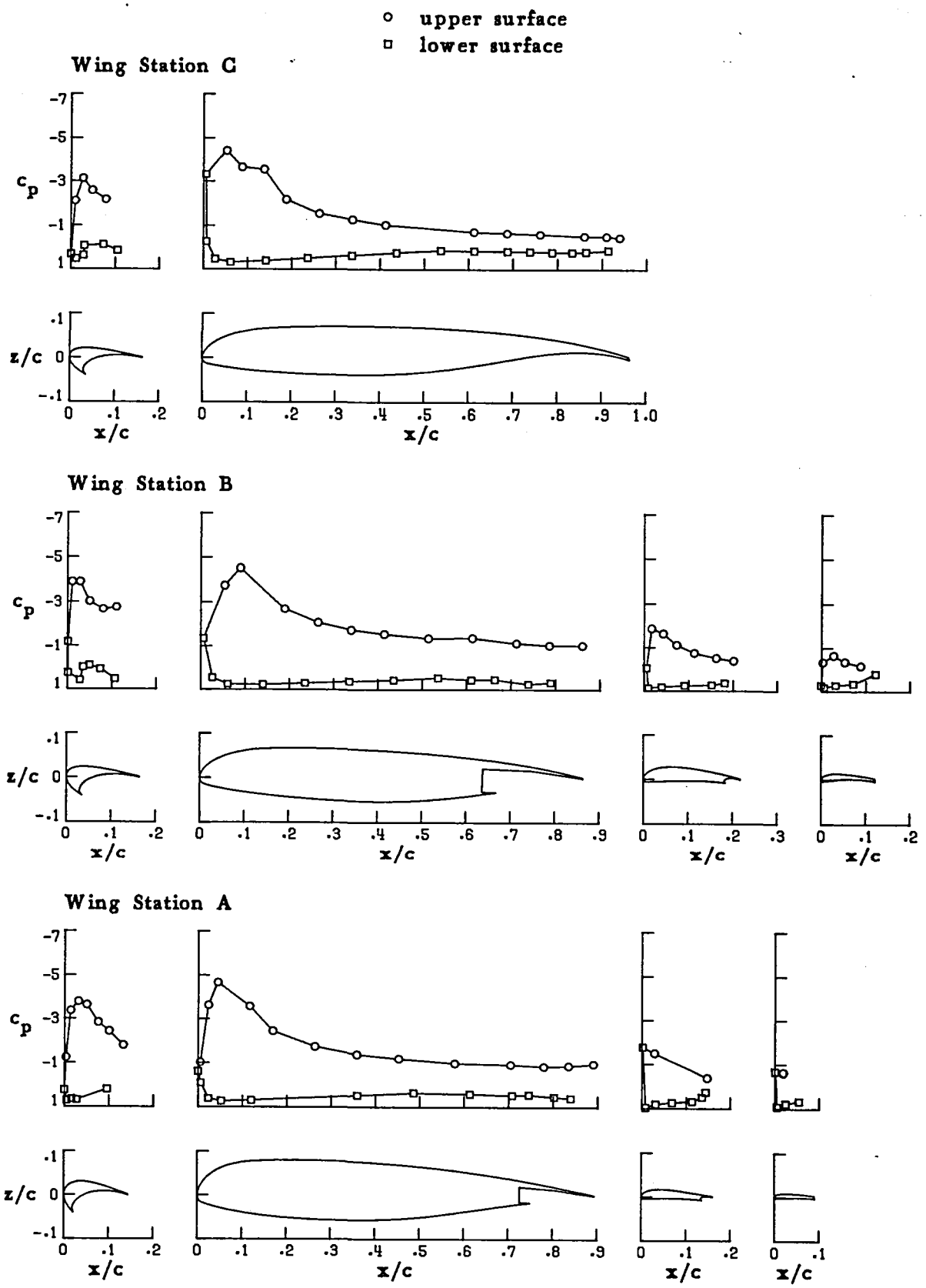
(g) α = 14.80

FIGURE 24. CONTINUED.



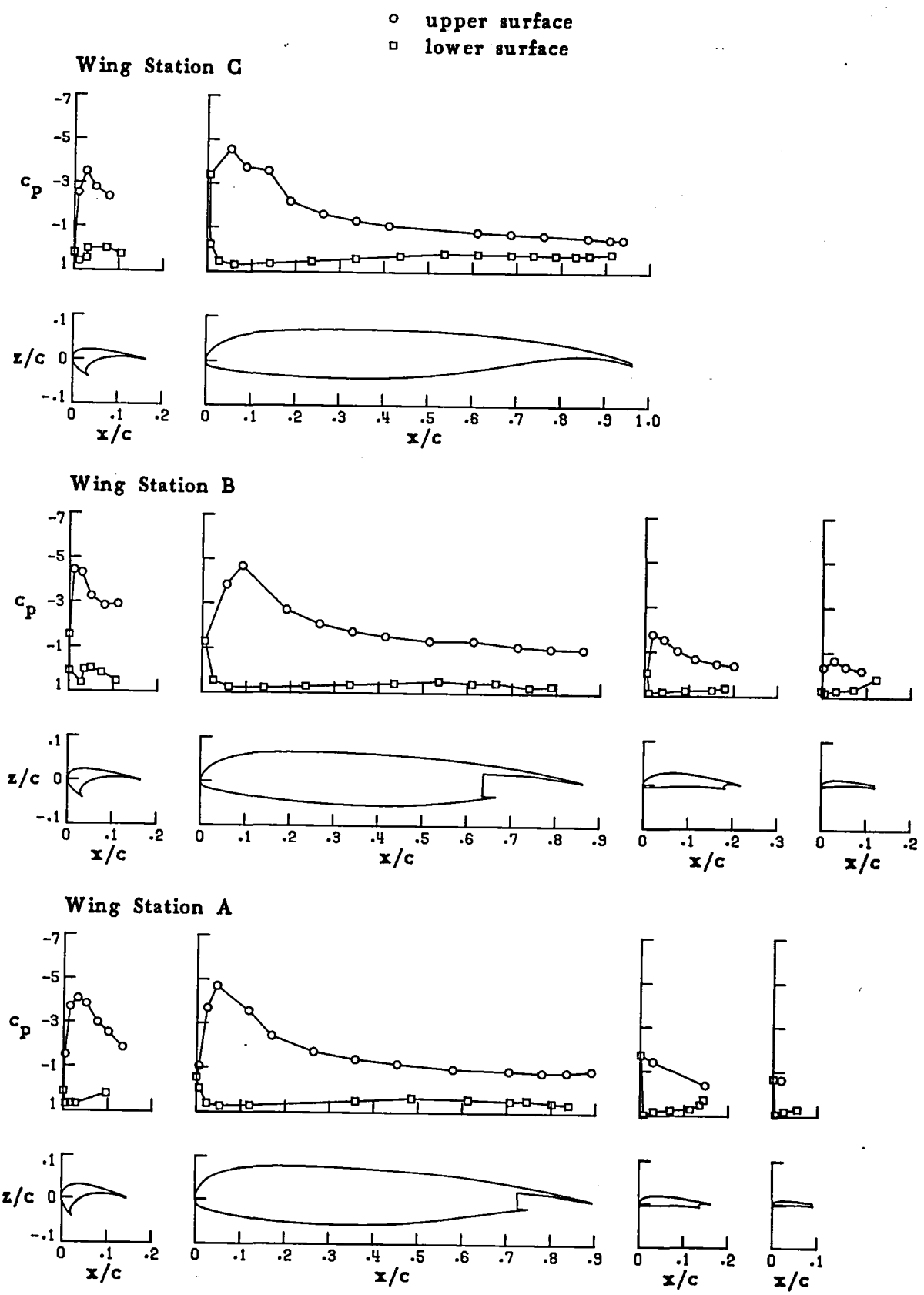
(h) α = 15.84

FIGURE 24. CONTINUED.



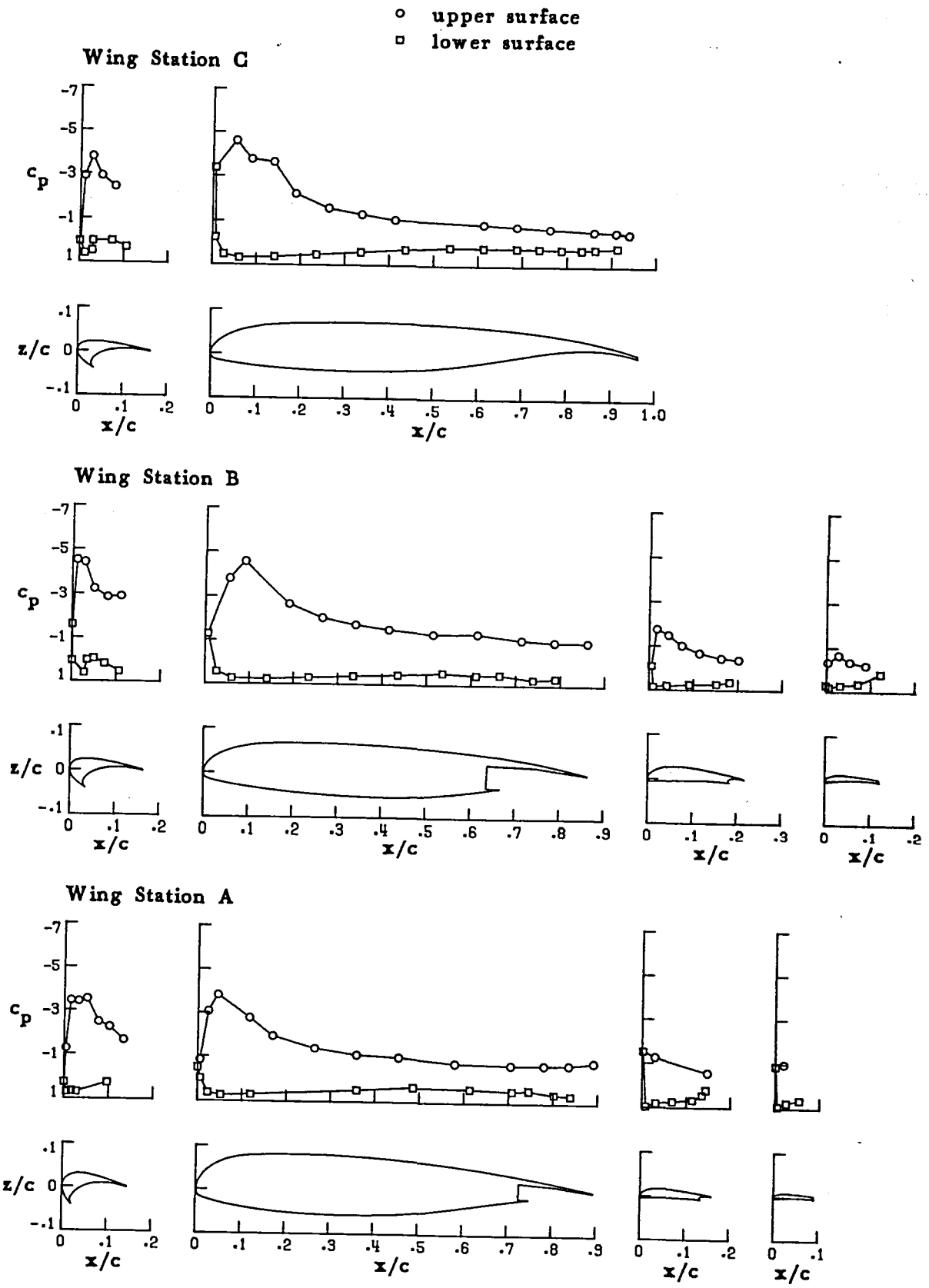
(i) α = 16.95

FIGURE 24. CONTINUED.



(j) α = 18.07

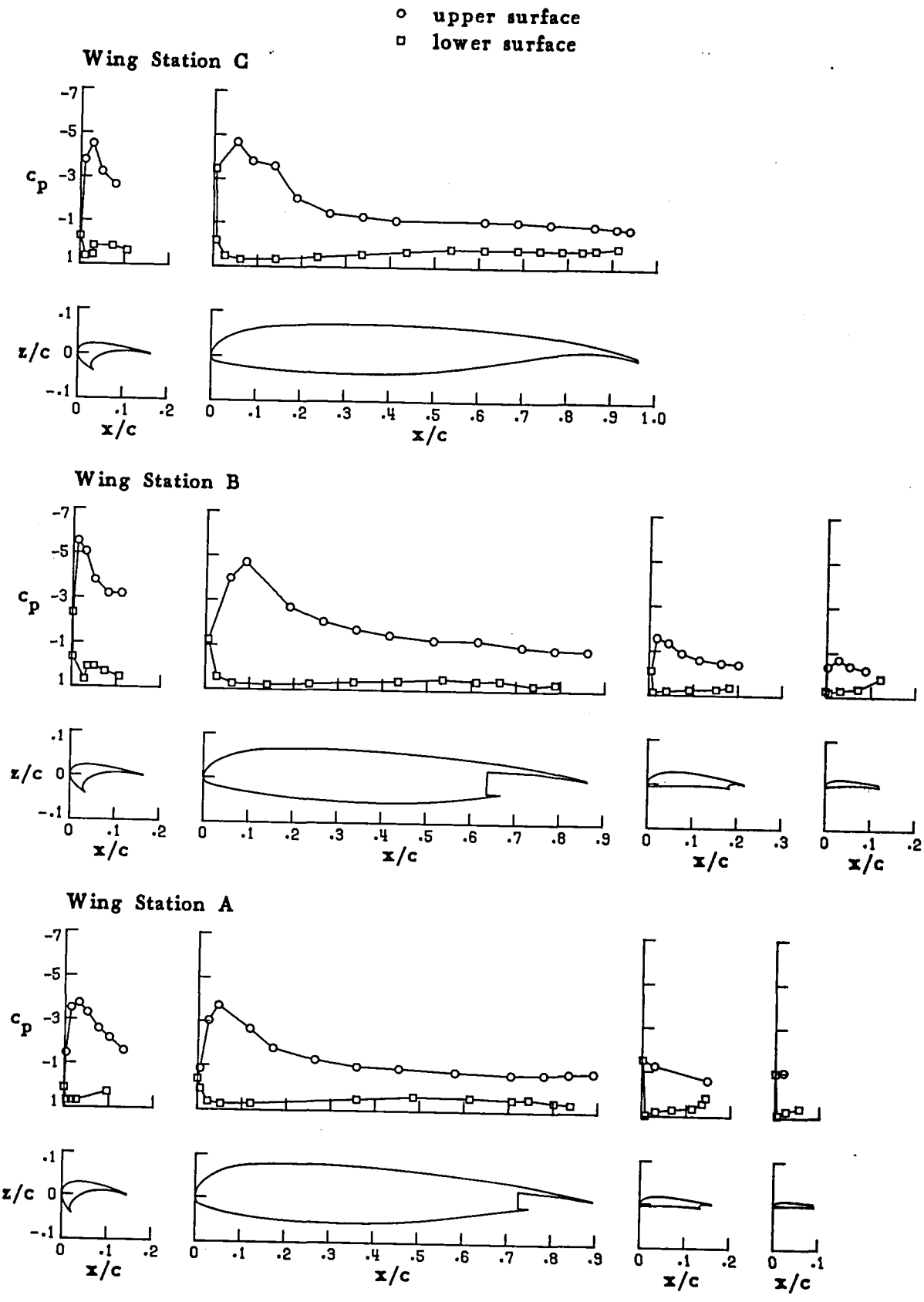
FIGURE 24. CONTINUED.



(k) α = 19.08

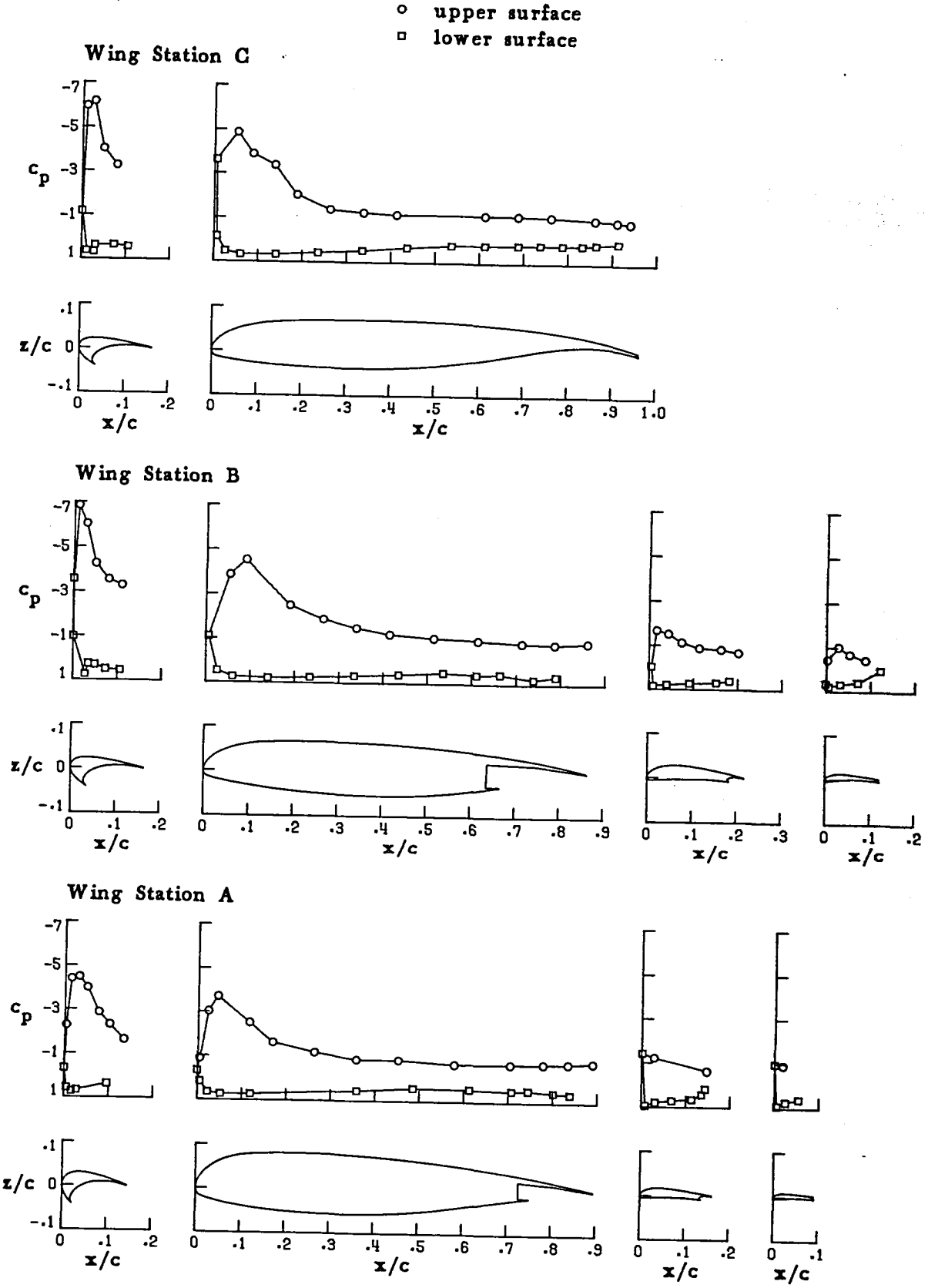
FIGURE 24. CONTINUED.

TEST = 458 RUN = 139 POINT = 20



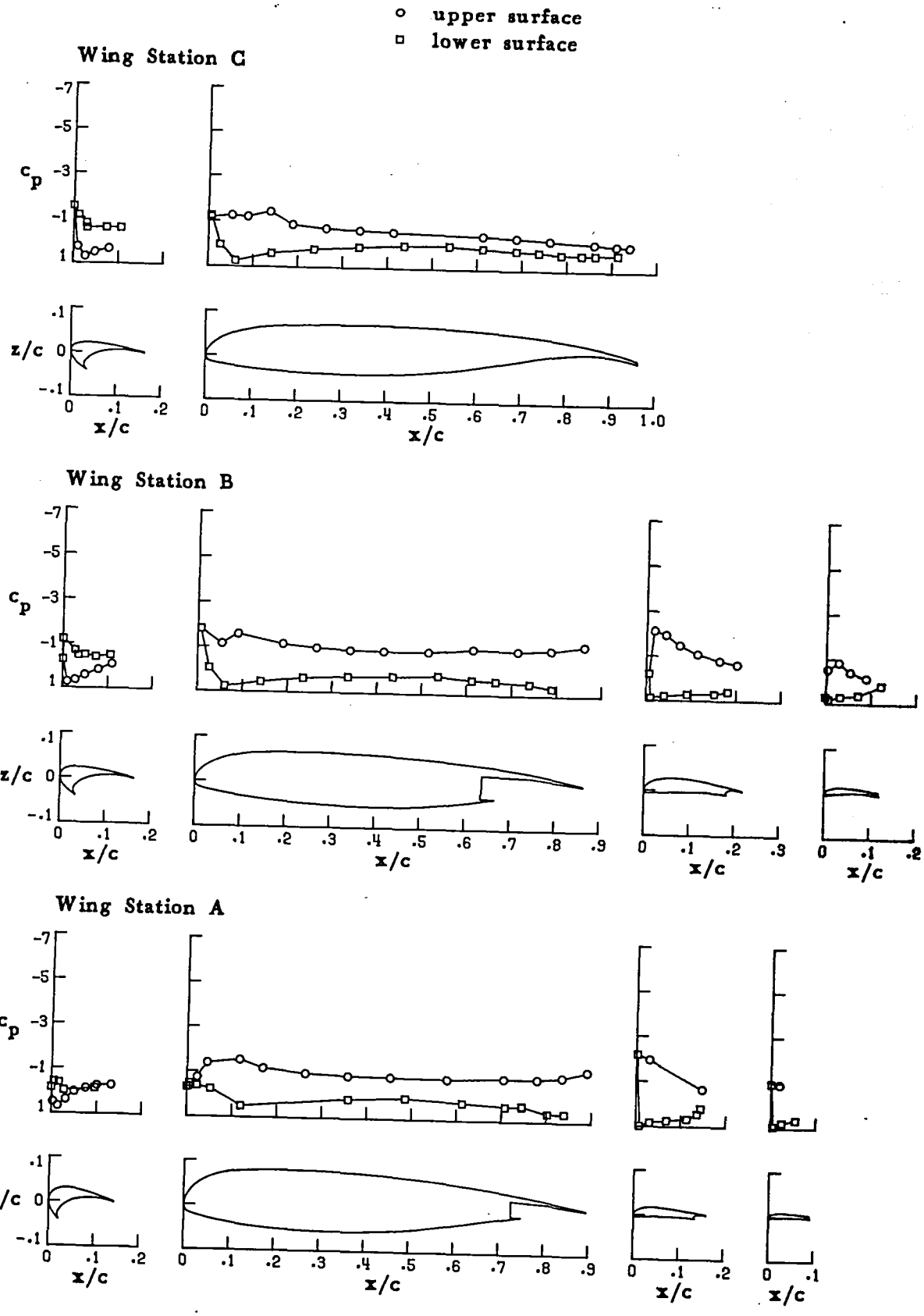
(1) α = 21.12

FIGURE 24. CONTINUED.



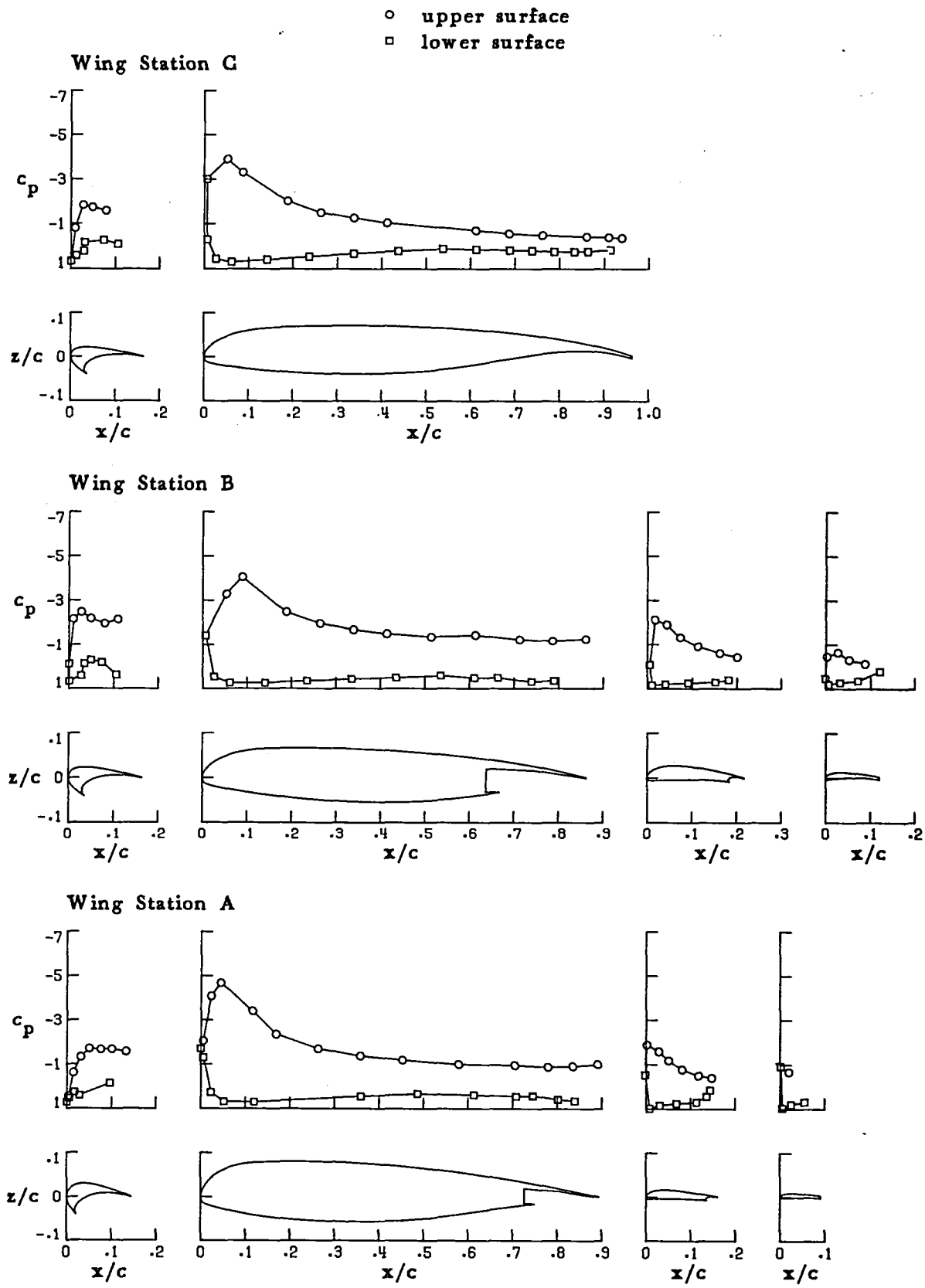
(m) α = 25.11

FIGURE 24. CONTINUED.



(n) α = .82

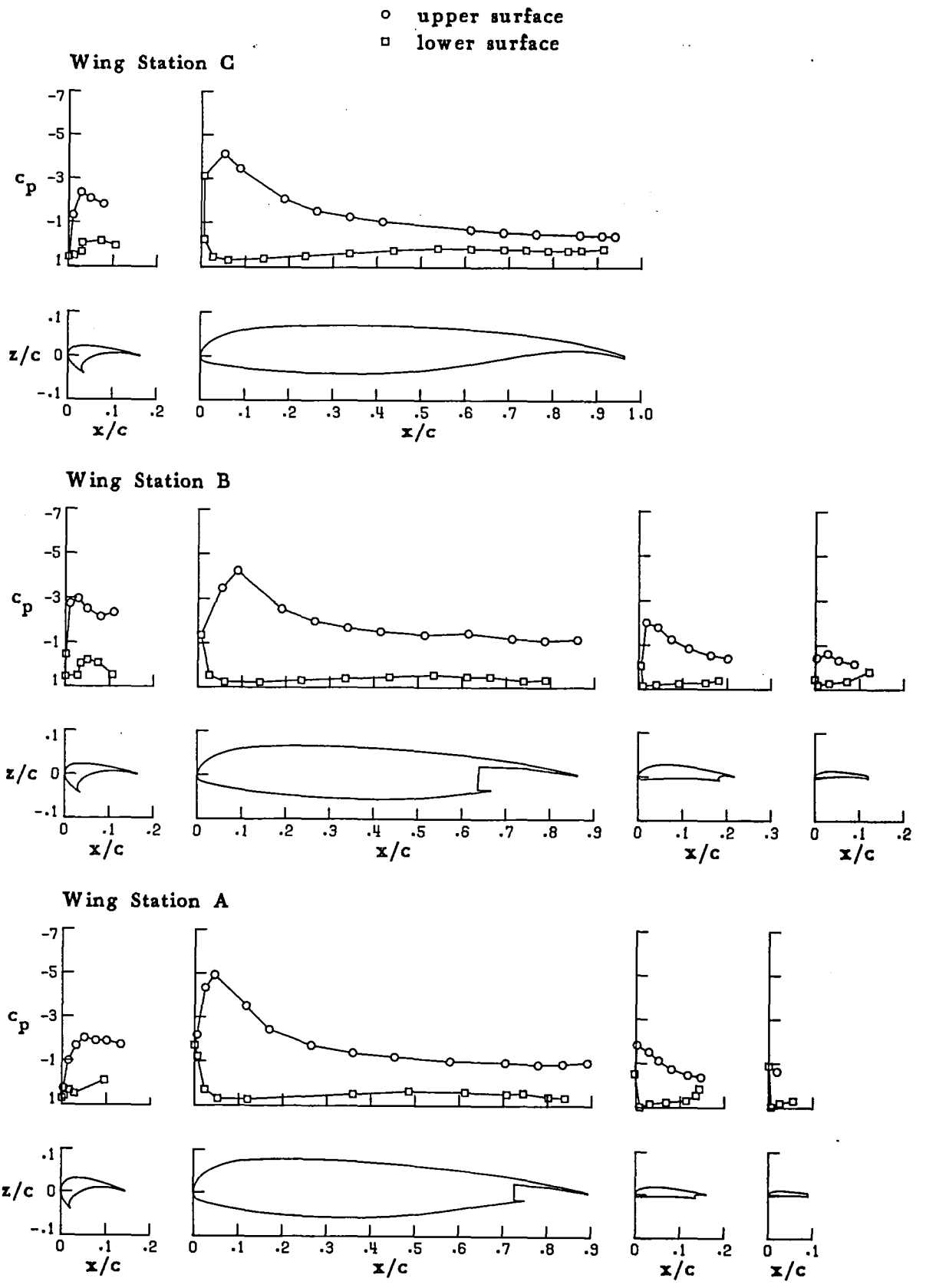
FIGURE 24. CONCLUDED.



(a) α = 13.91

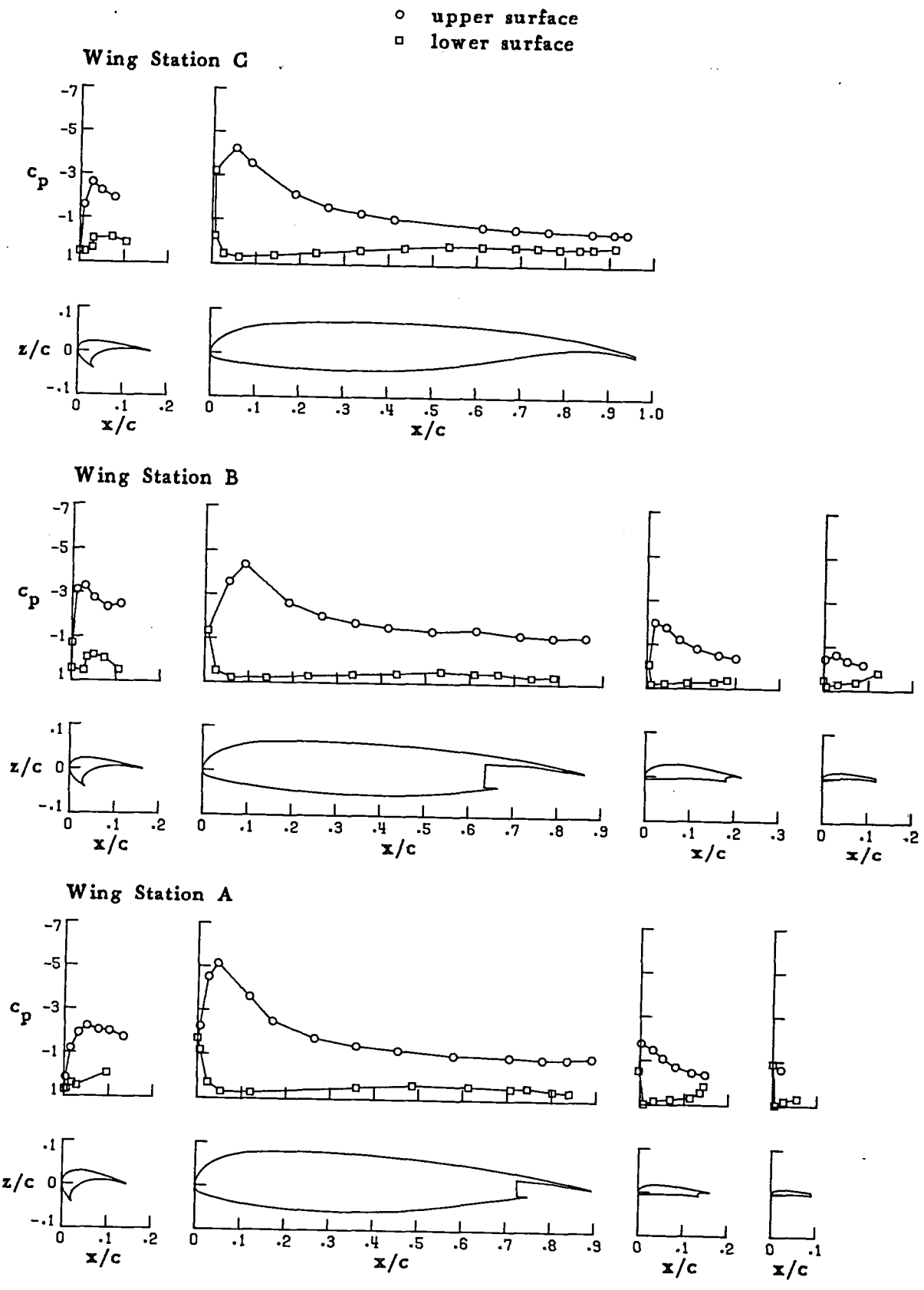
FIGURE 25. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 130.

TEST = 456 RUN = 130 POINT = 28



(b) α = 15.10

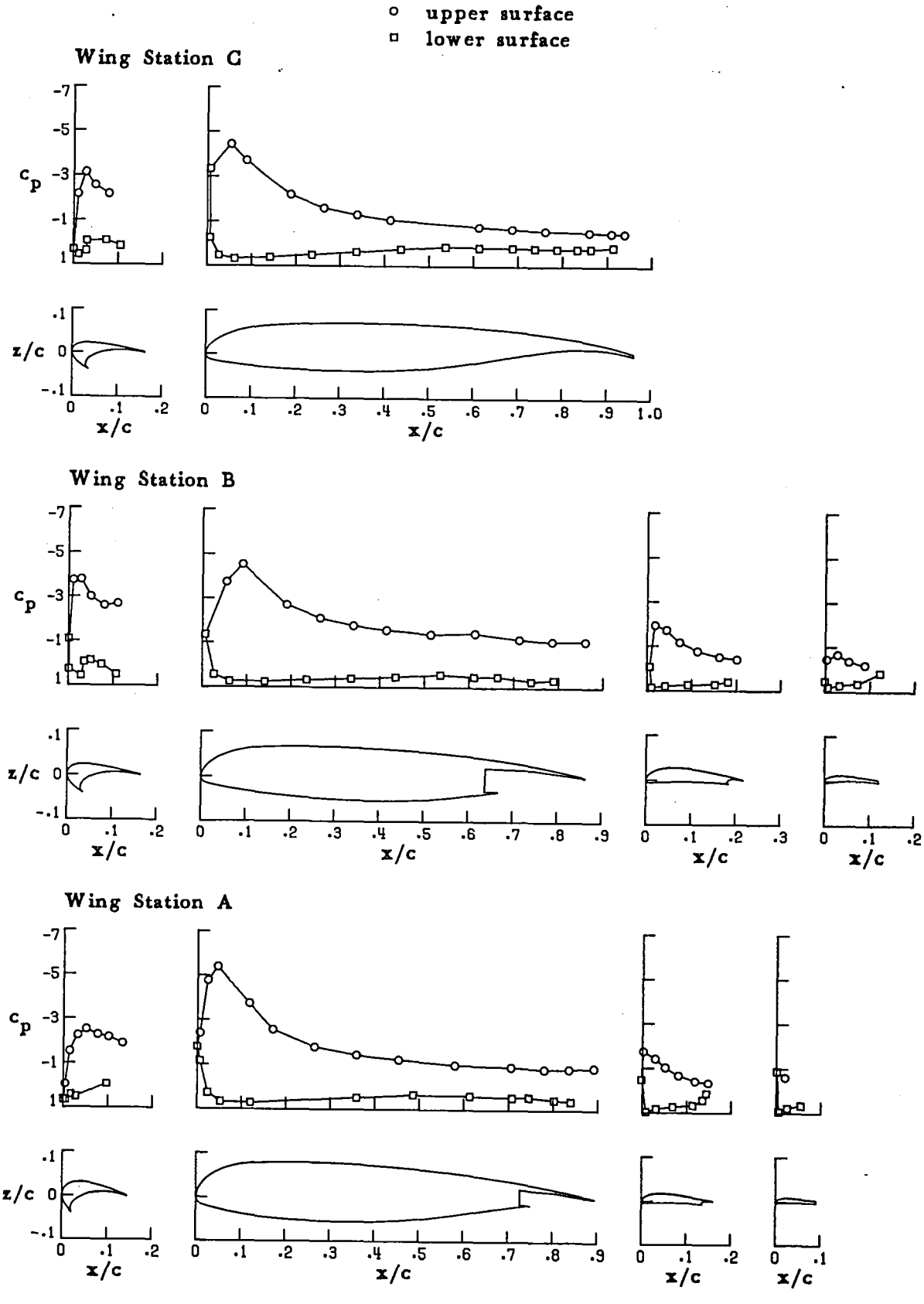
FIGURE 25. CONTINUED.



(c) α = 15.88

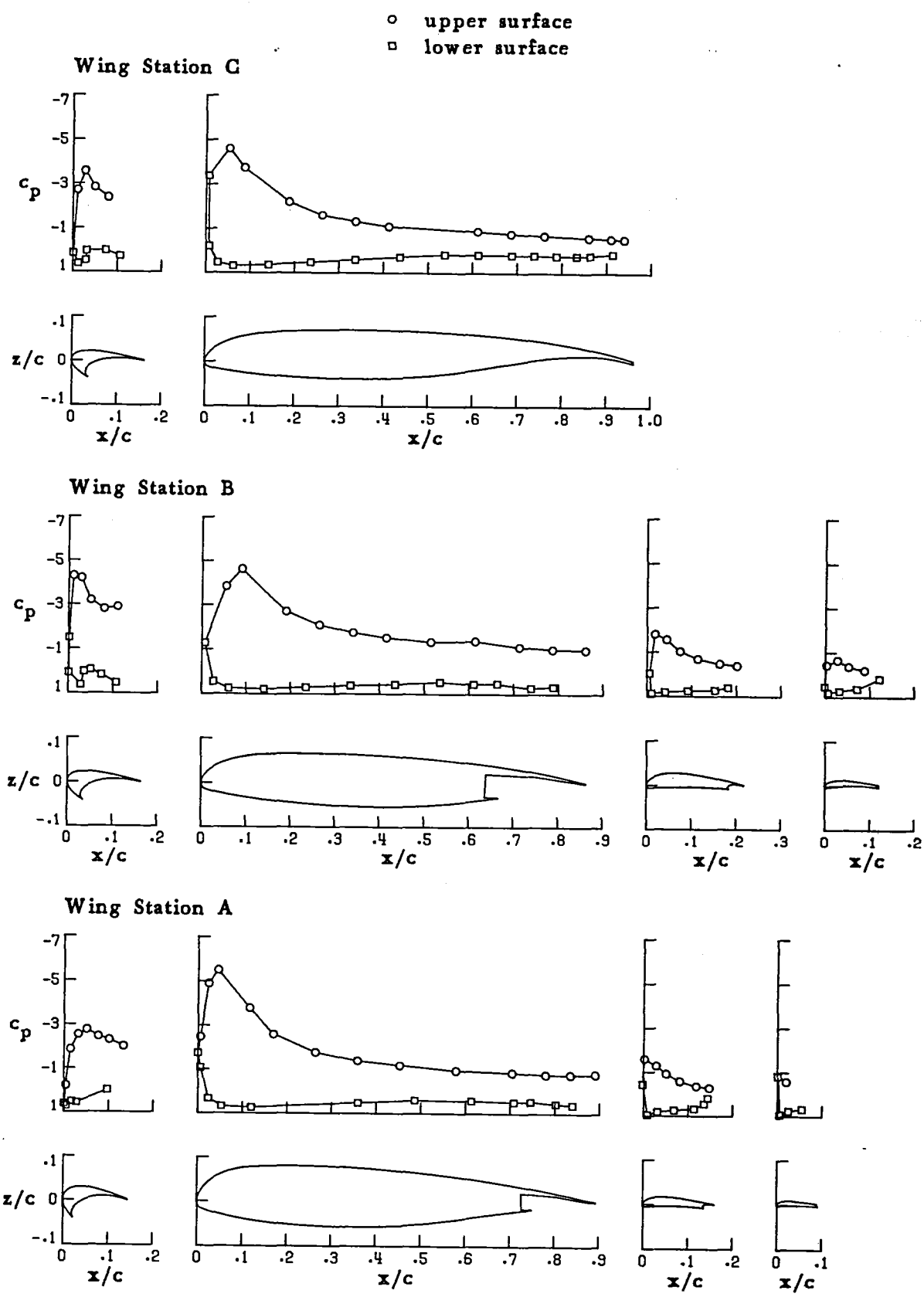
FIGURE 25. CONTINUED.

TEST = 498 RUN = 190 POINT = 30



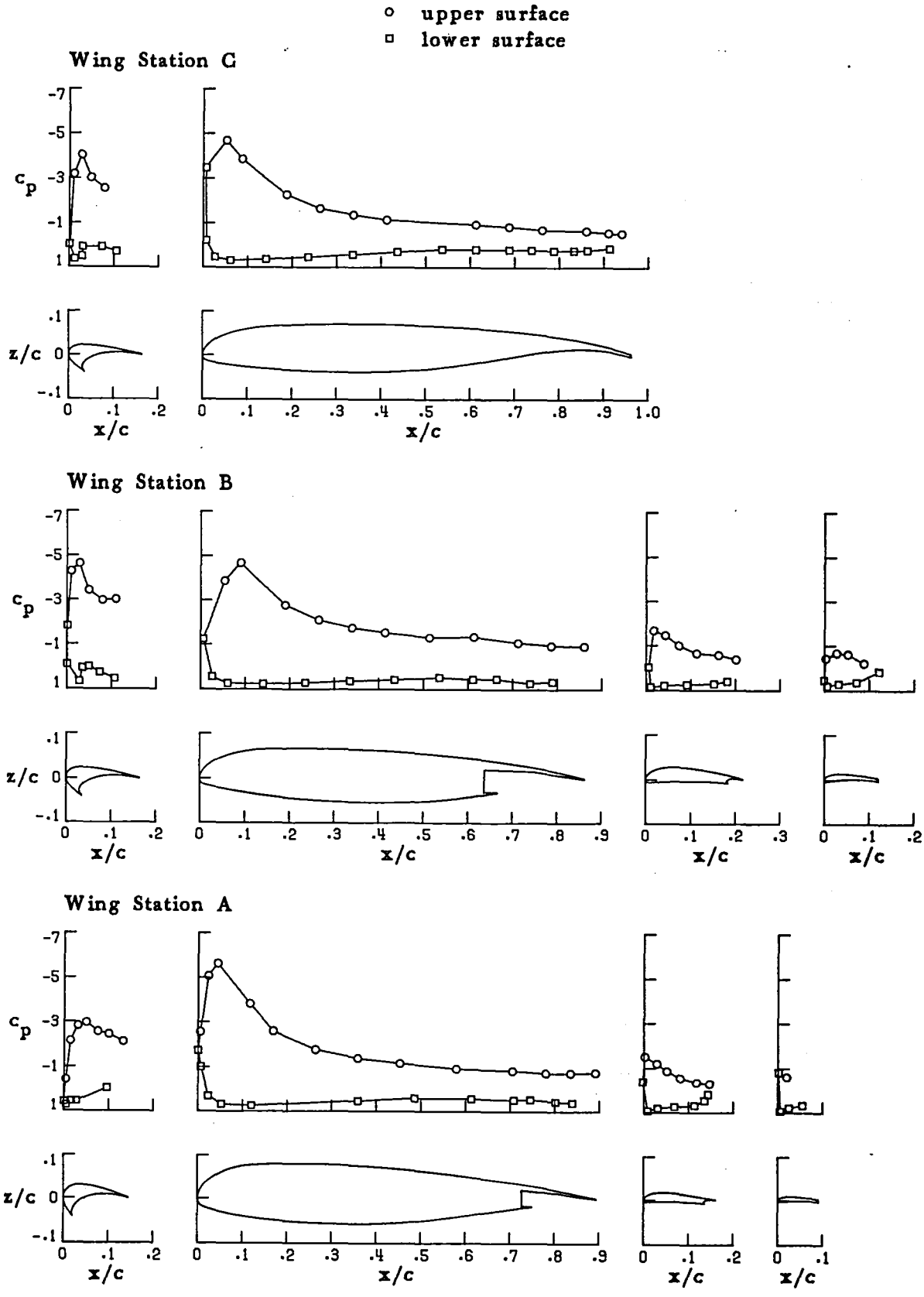
(d) α = 16.91

FIGURE 25. CONTINUED.



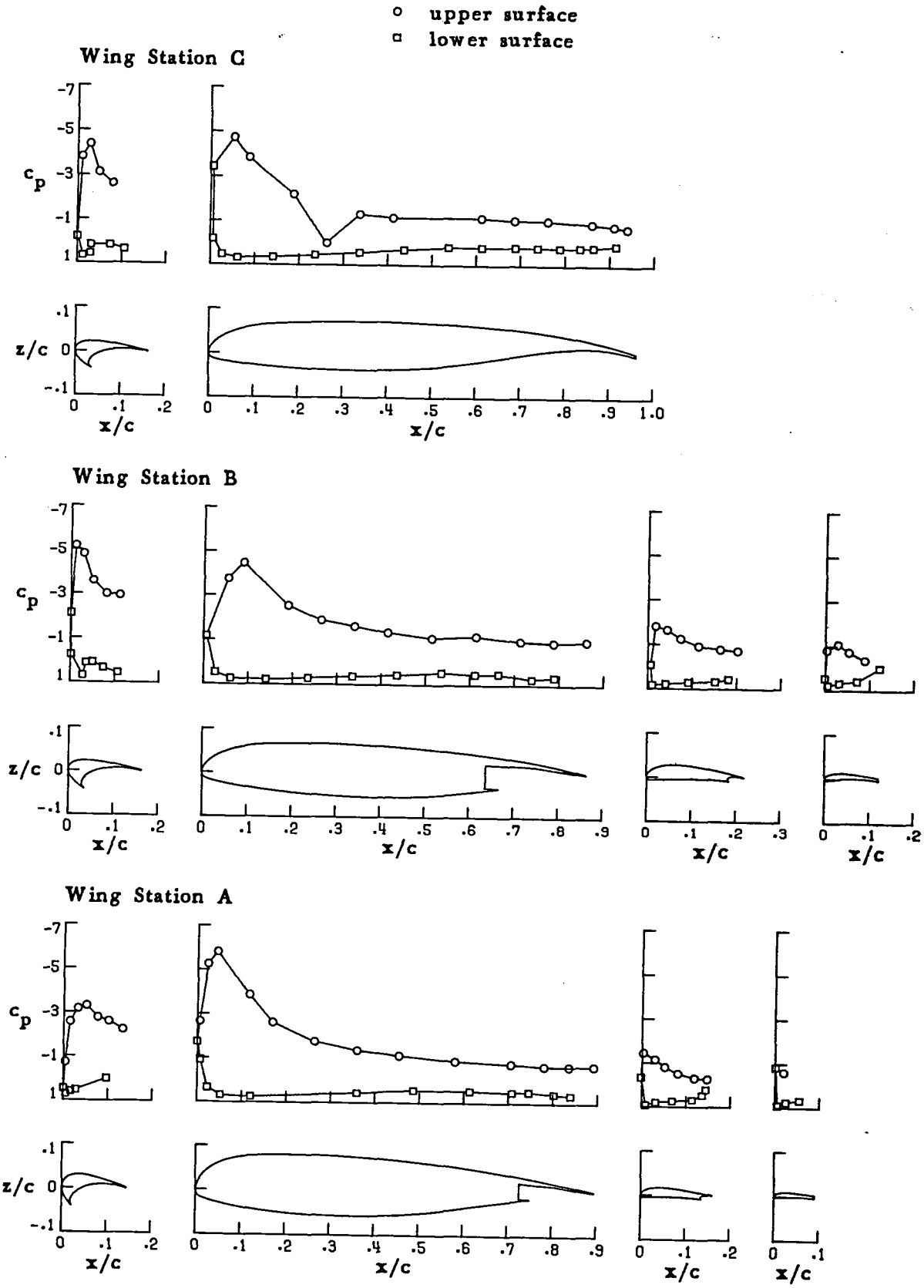
(e) α = 18.13

FIGURE 25. CONTINUED.



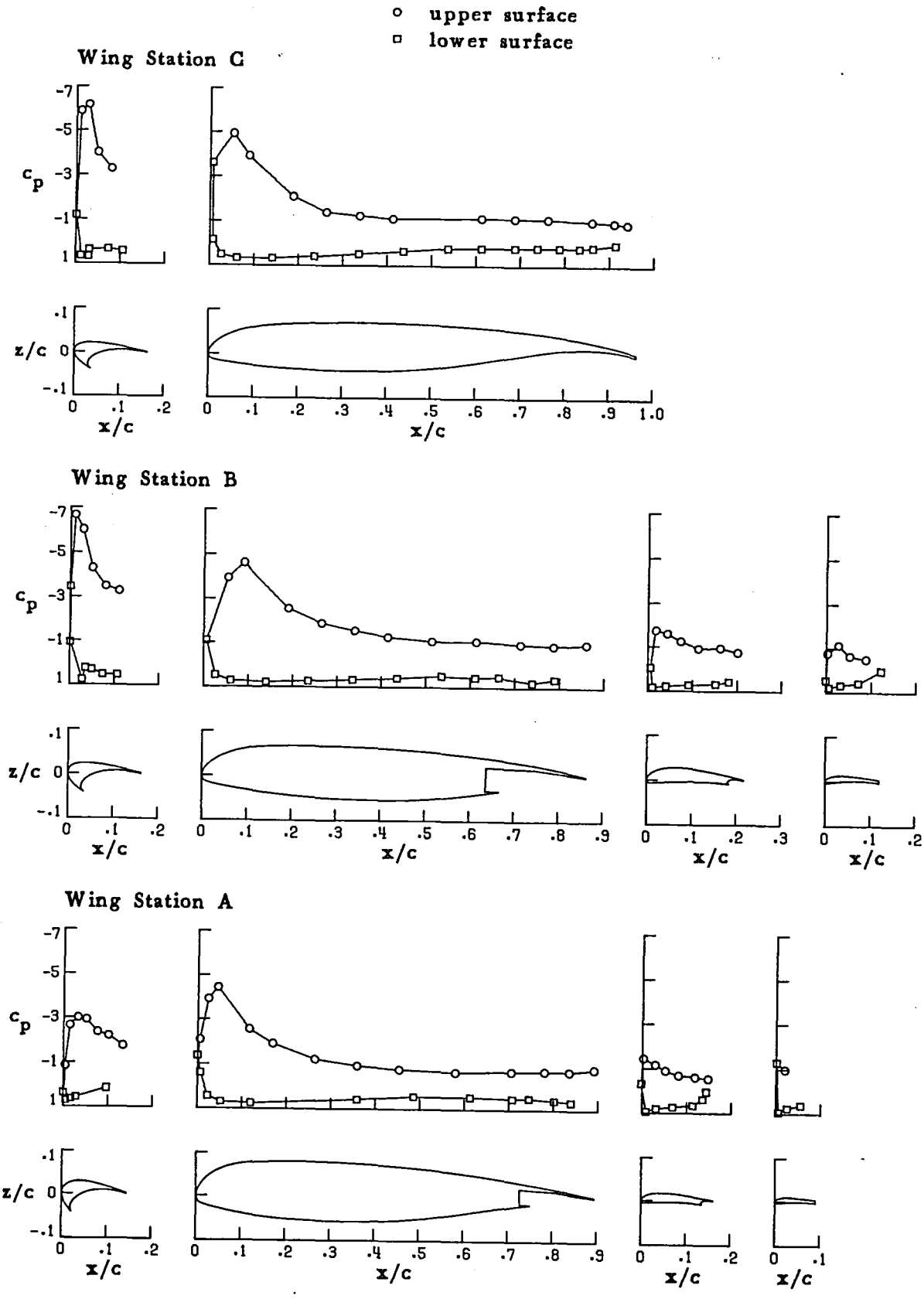
(f) α = 18.99

FIGURE 25. CONTINUED.



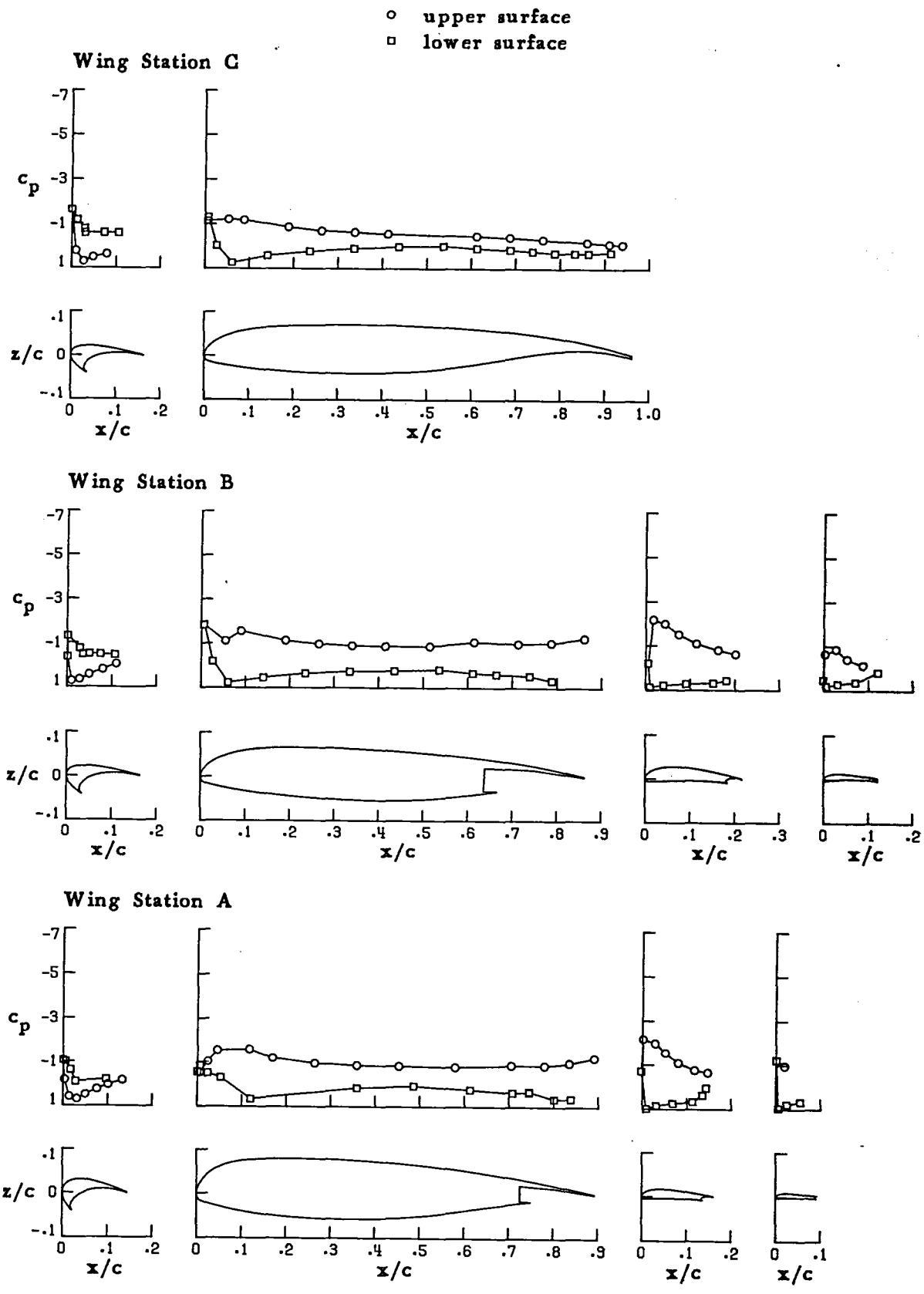
(g) α = 20.89

FIGURE 25. CONTINUED.



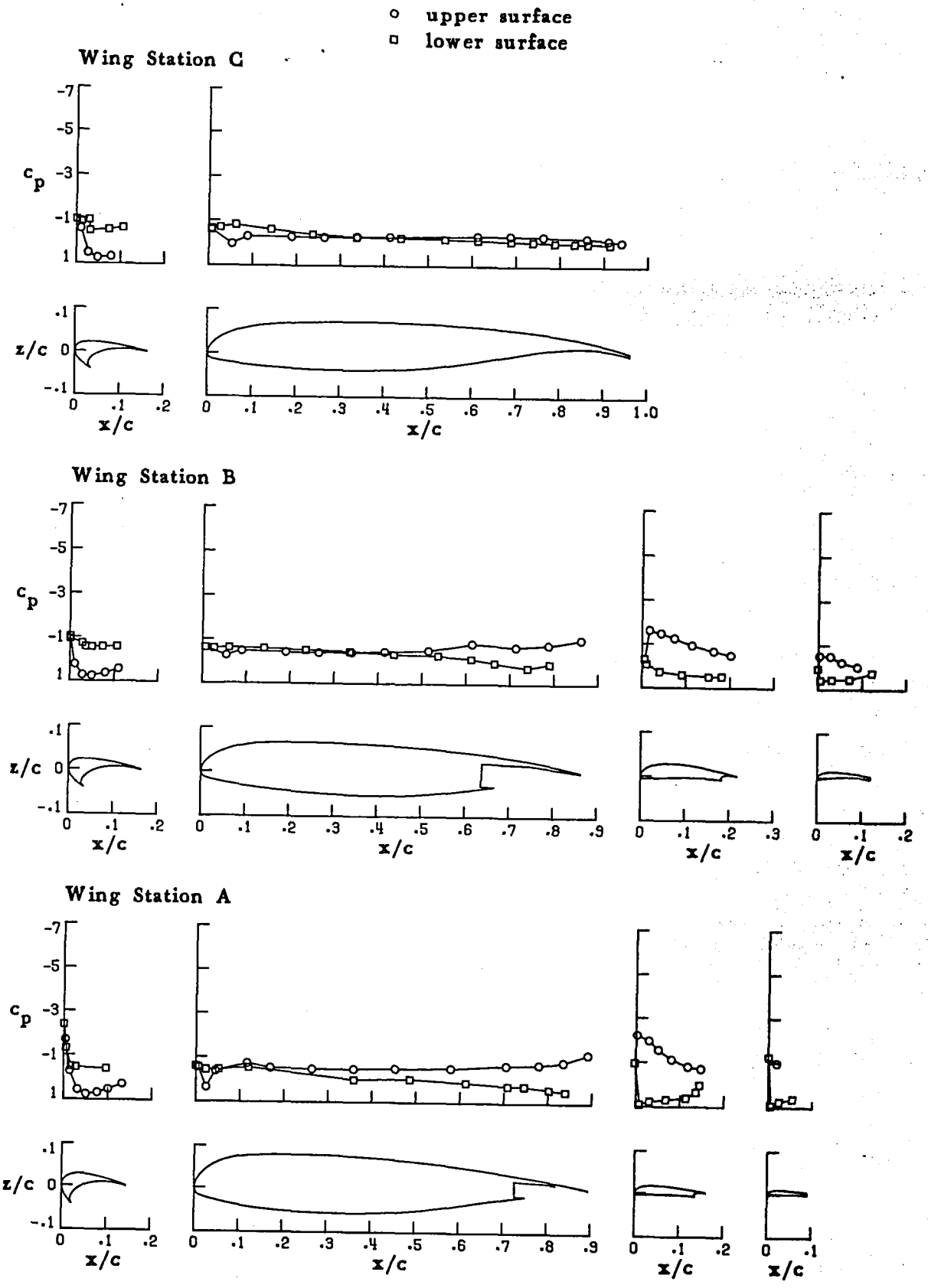
(h) α = 25.04

FIGURE 25. CONTINUED.



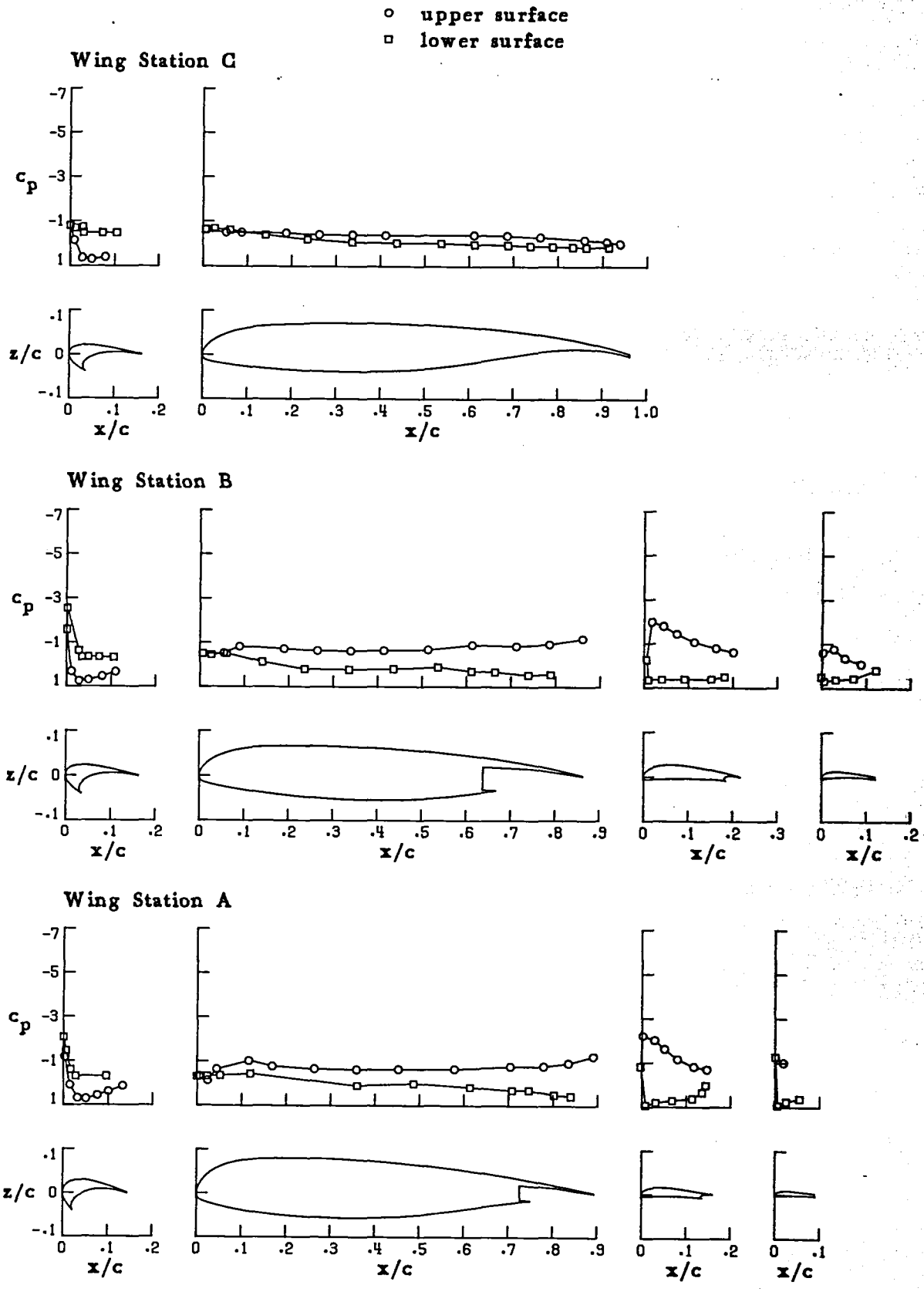
(i) α = .69

FIGURE 25. CONTINUED.



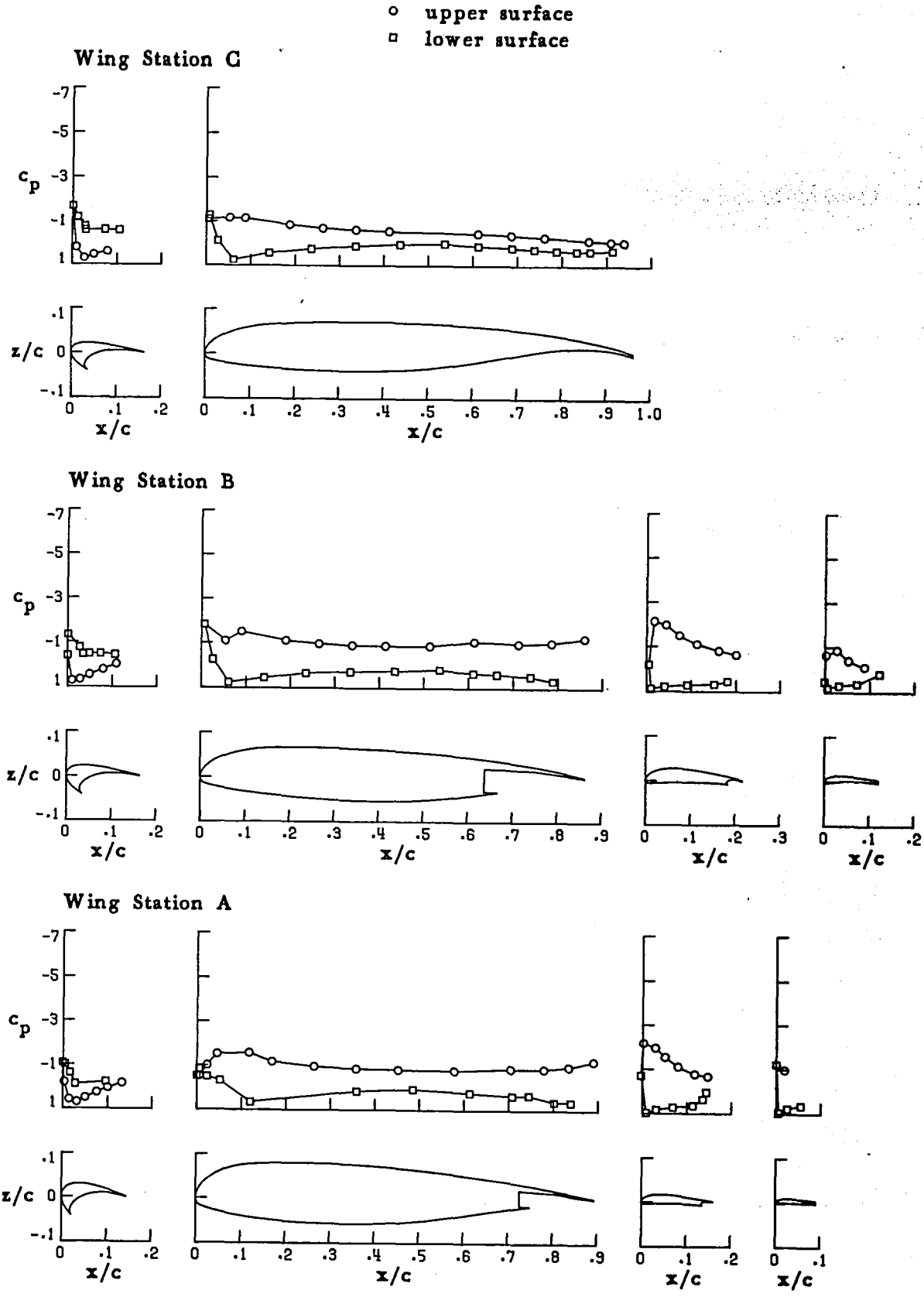
(j) α = -5.87

FIGURE 25. CONTINUED.



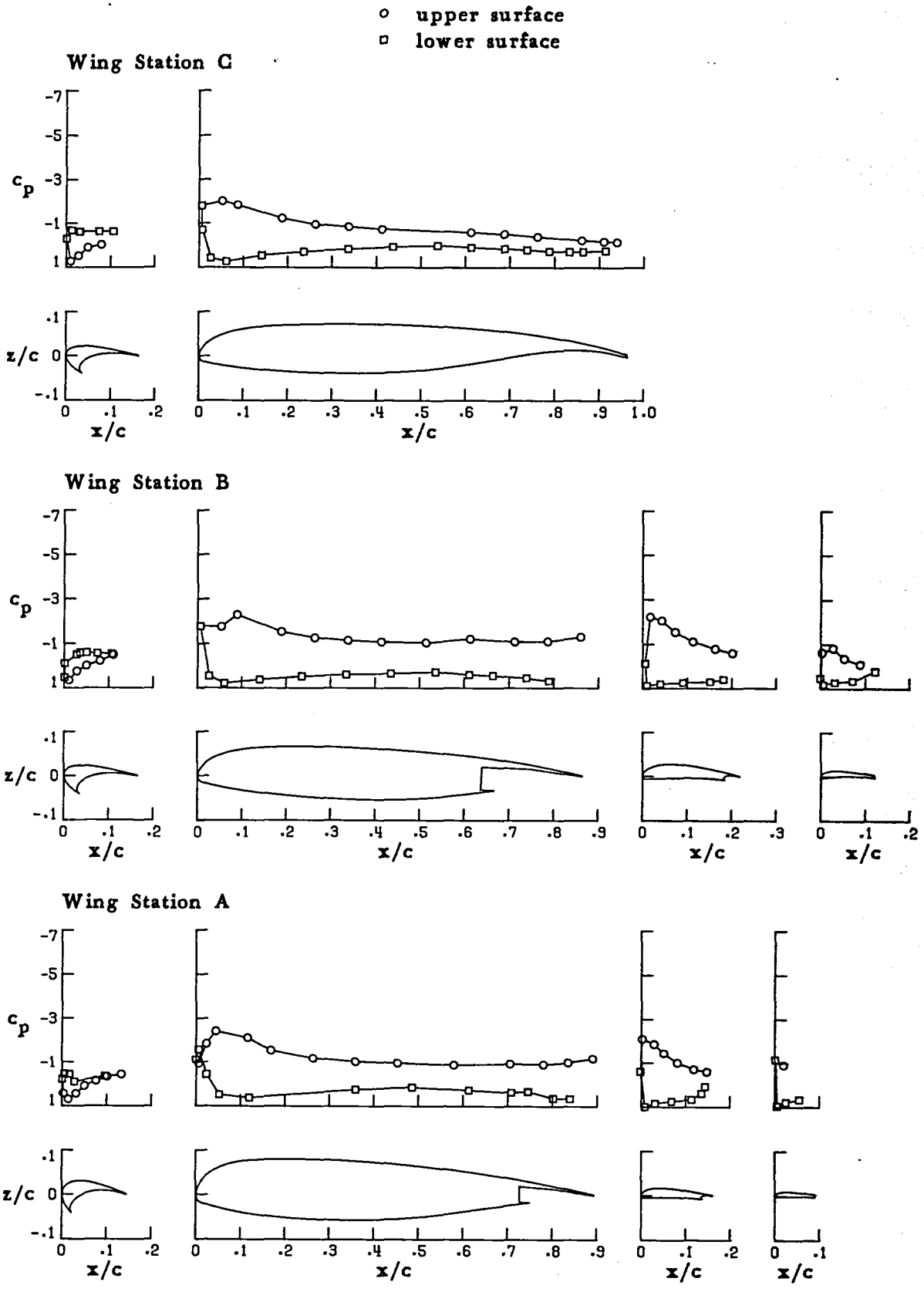
(k) α = -3.83

FIGURE 25. CONTINUED.



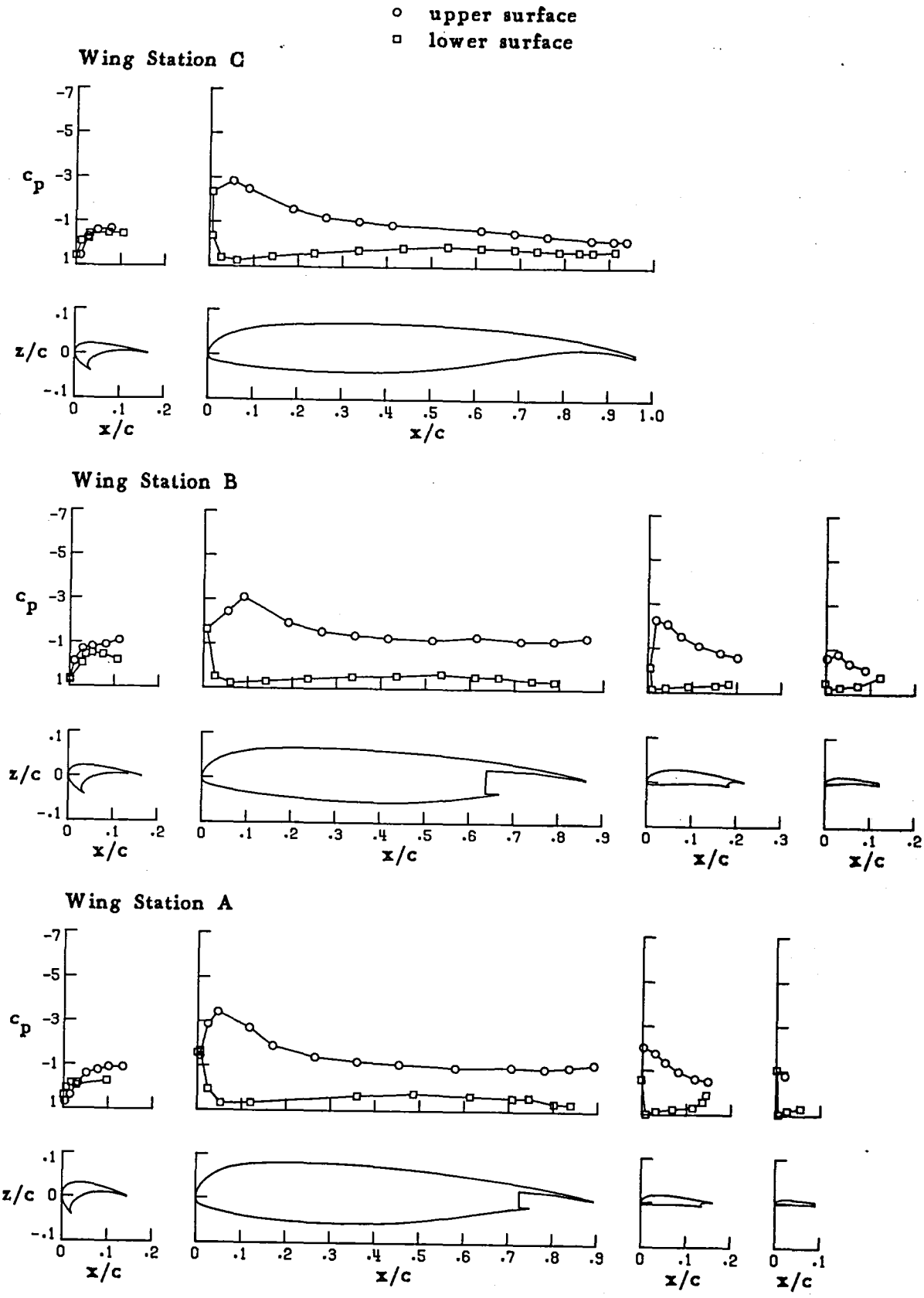
(1) α = .59

FIGURE 25. CONTINUED.



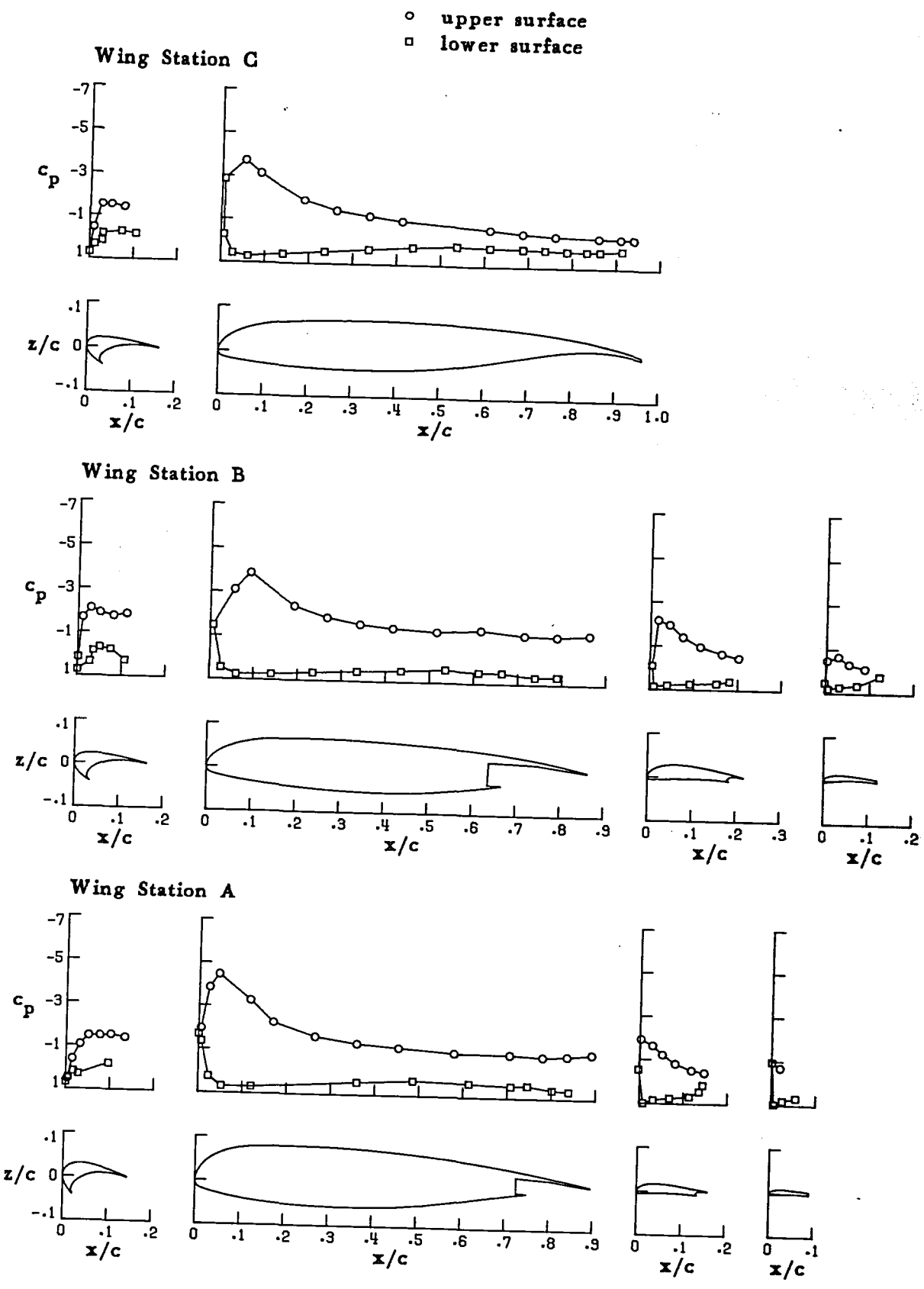
(m) α = 4.62

FIGURE 25. CONTINUED.



(n) α = 8.99

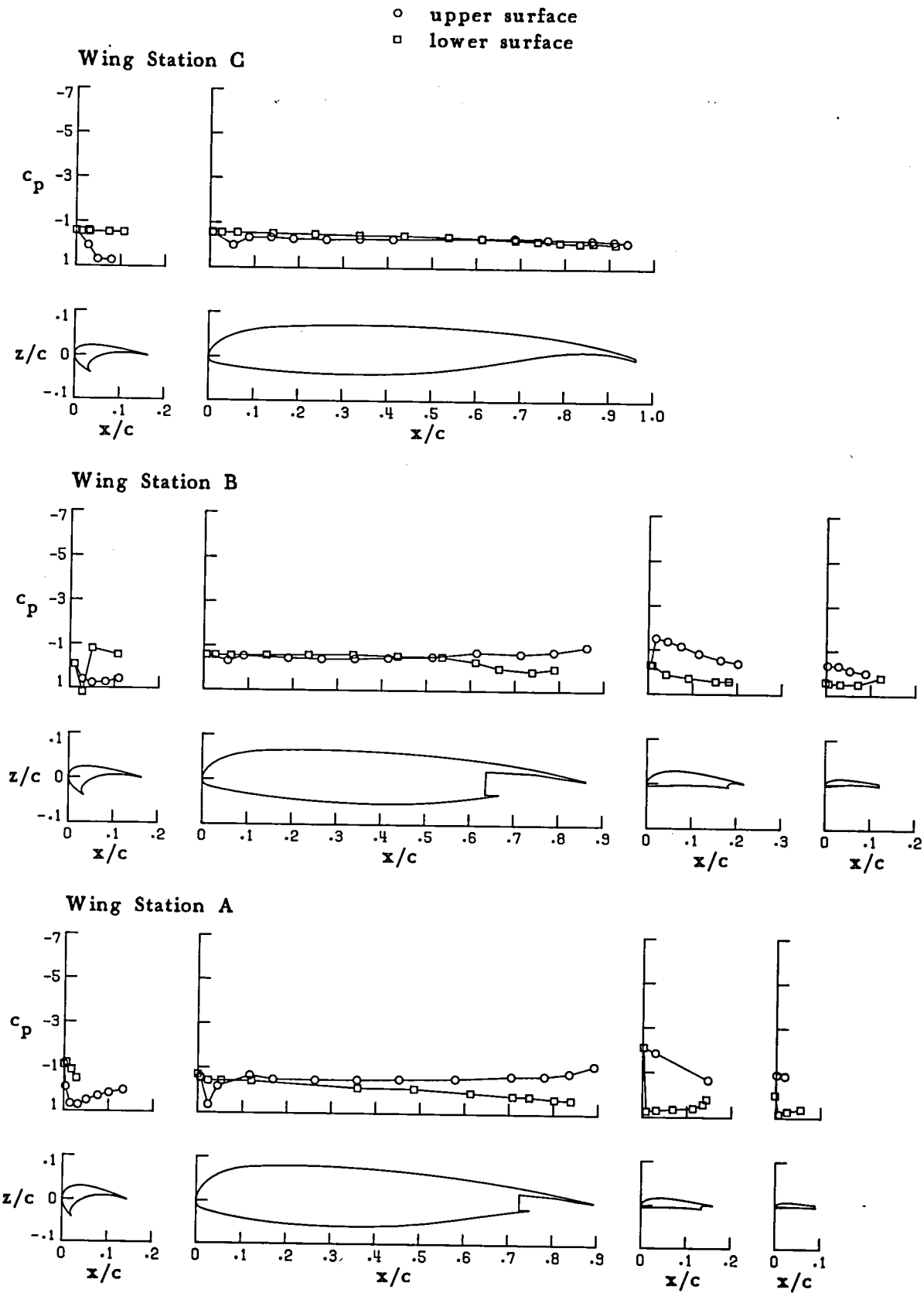
FIGURE 25. - CONTINUED.



(o) α = 12.95

FIGURE 25. CONCLUDED.

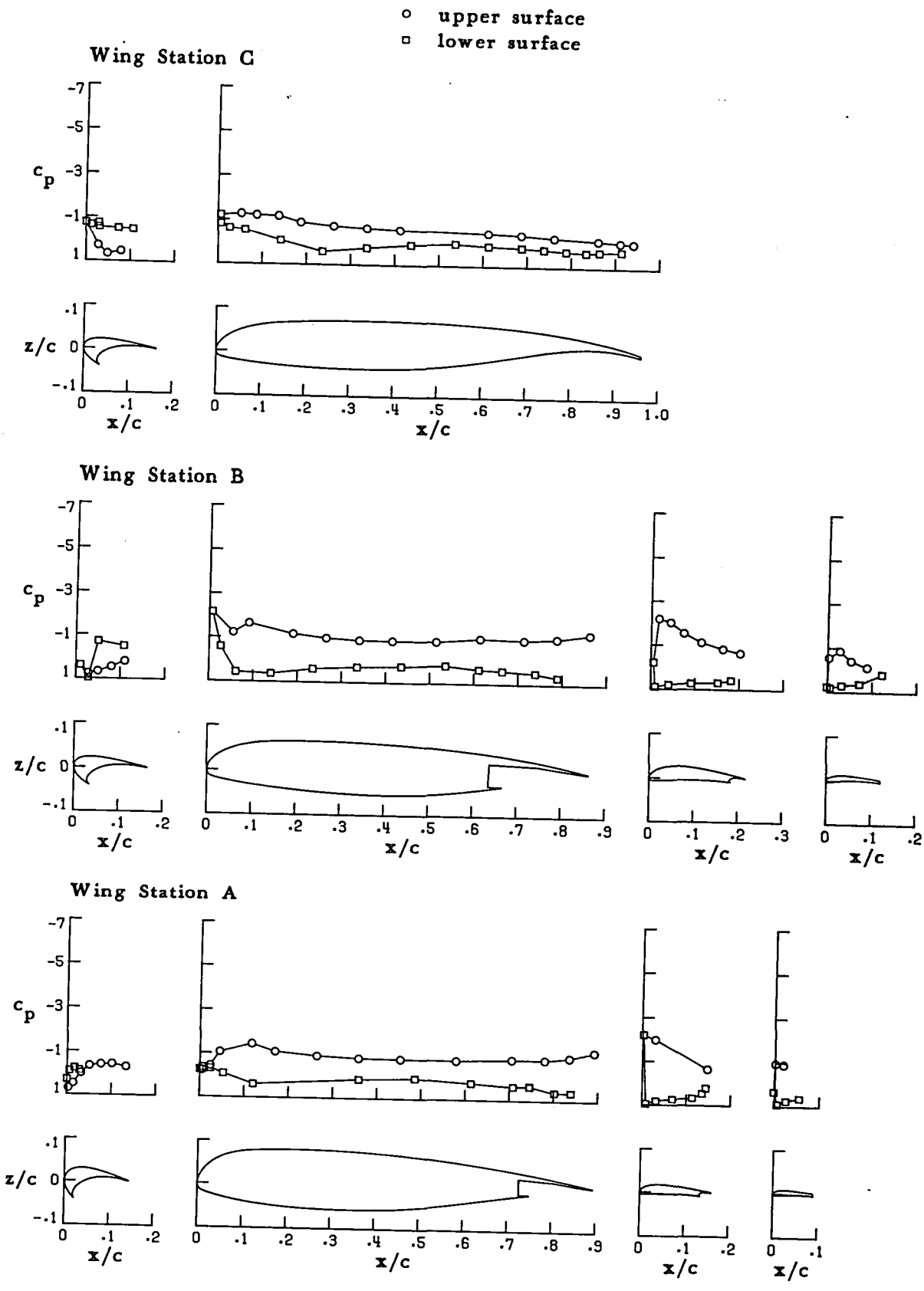
TEST = 456 RUN = 130 POINT = 44



(a) α = -5.88

FIGURE 26. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 224.

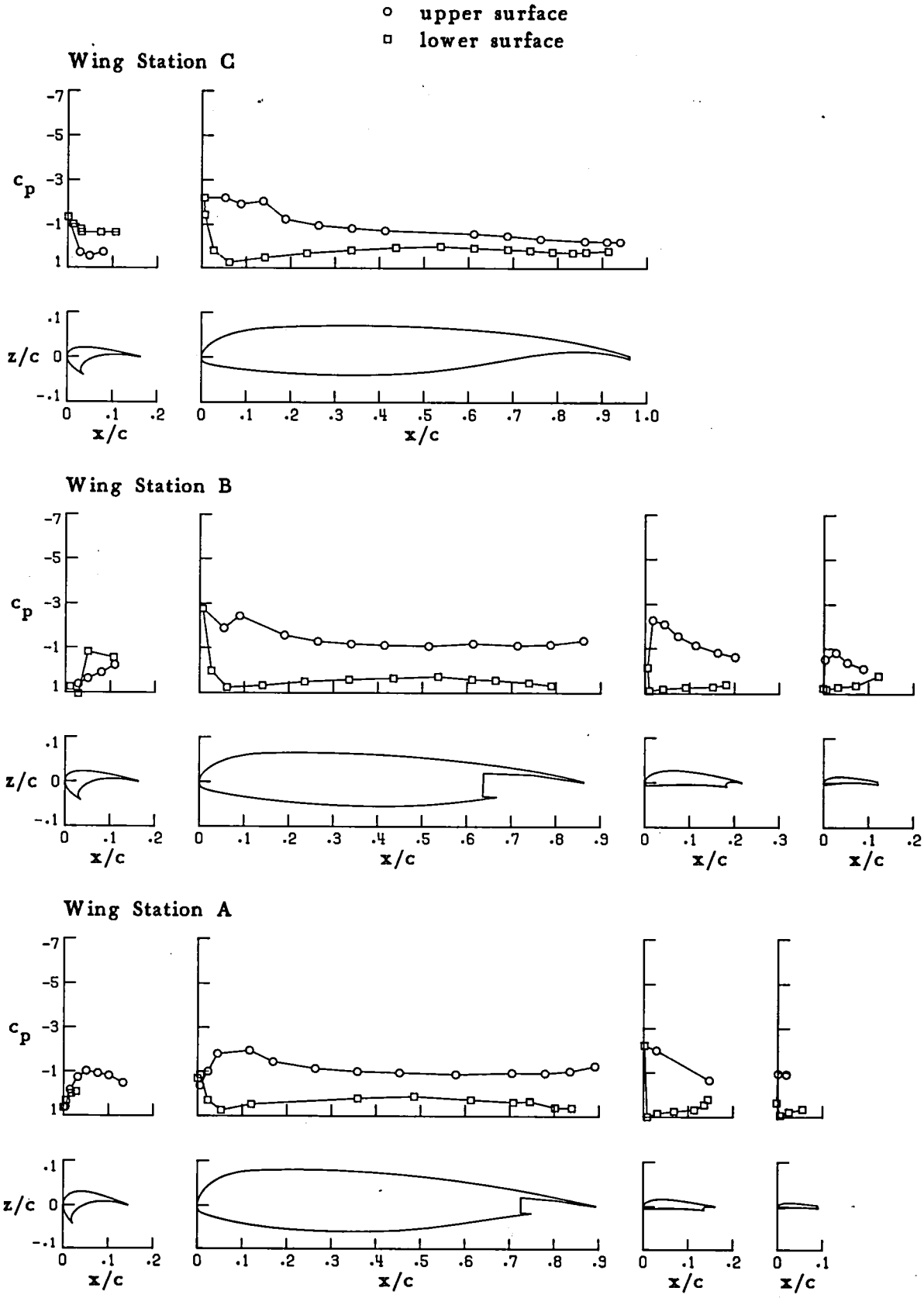
TEST = 496 RUN = 224 POINT = 9



(b) α = .65

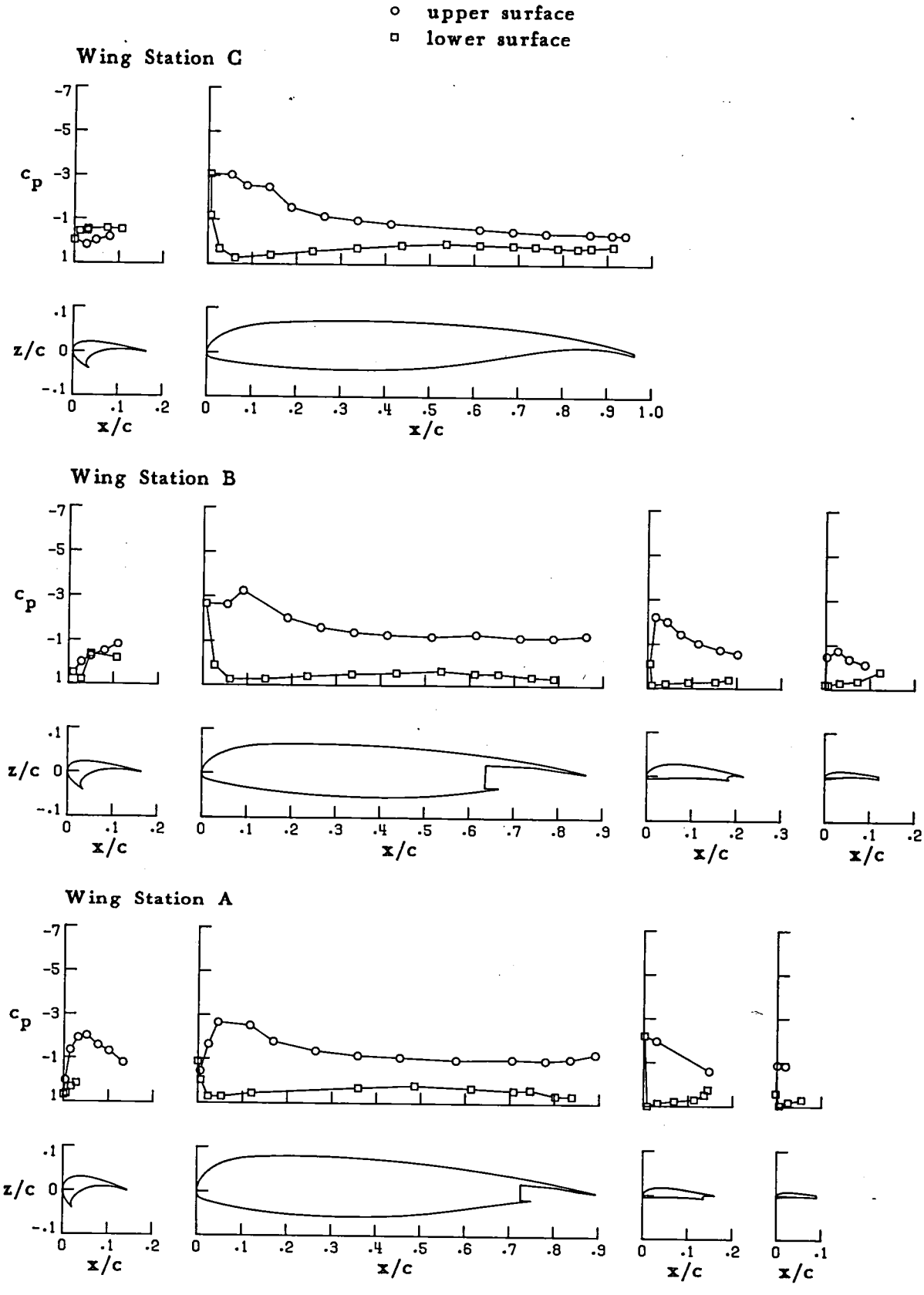
FIGURE 26. CONTINUED.

TEST = 496 RUN = 224 POINT = 12



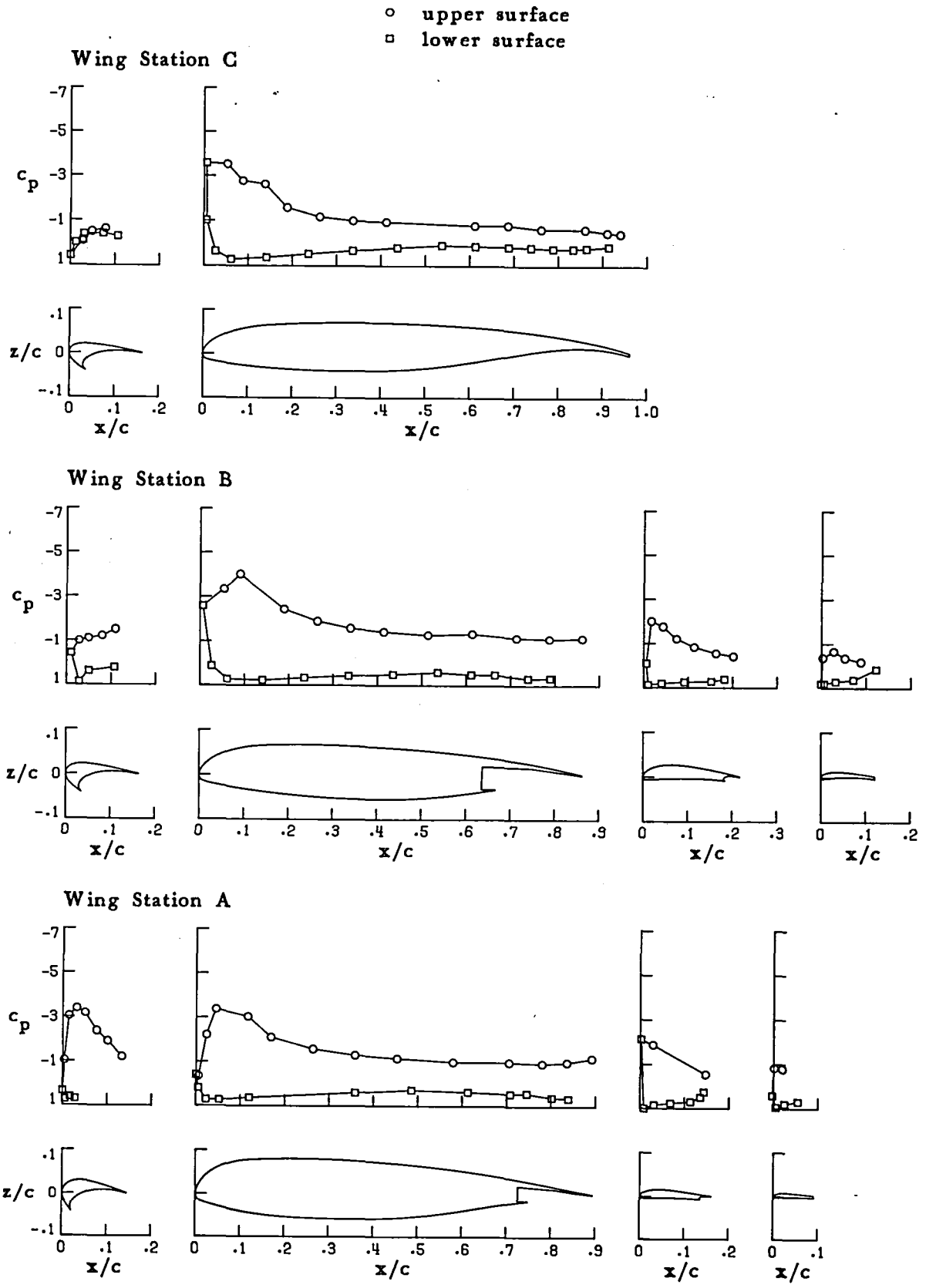
(c) α = 4.57

FIGURE 26. CONTINUED.



(d) α = 8.87

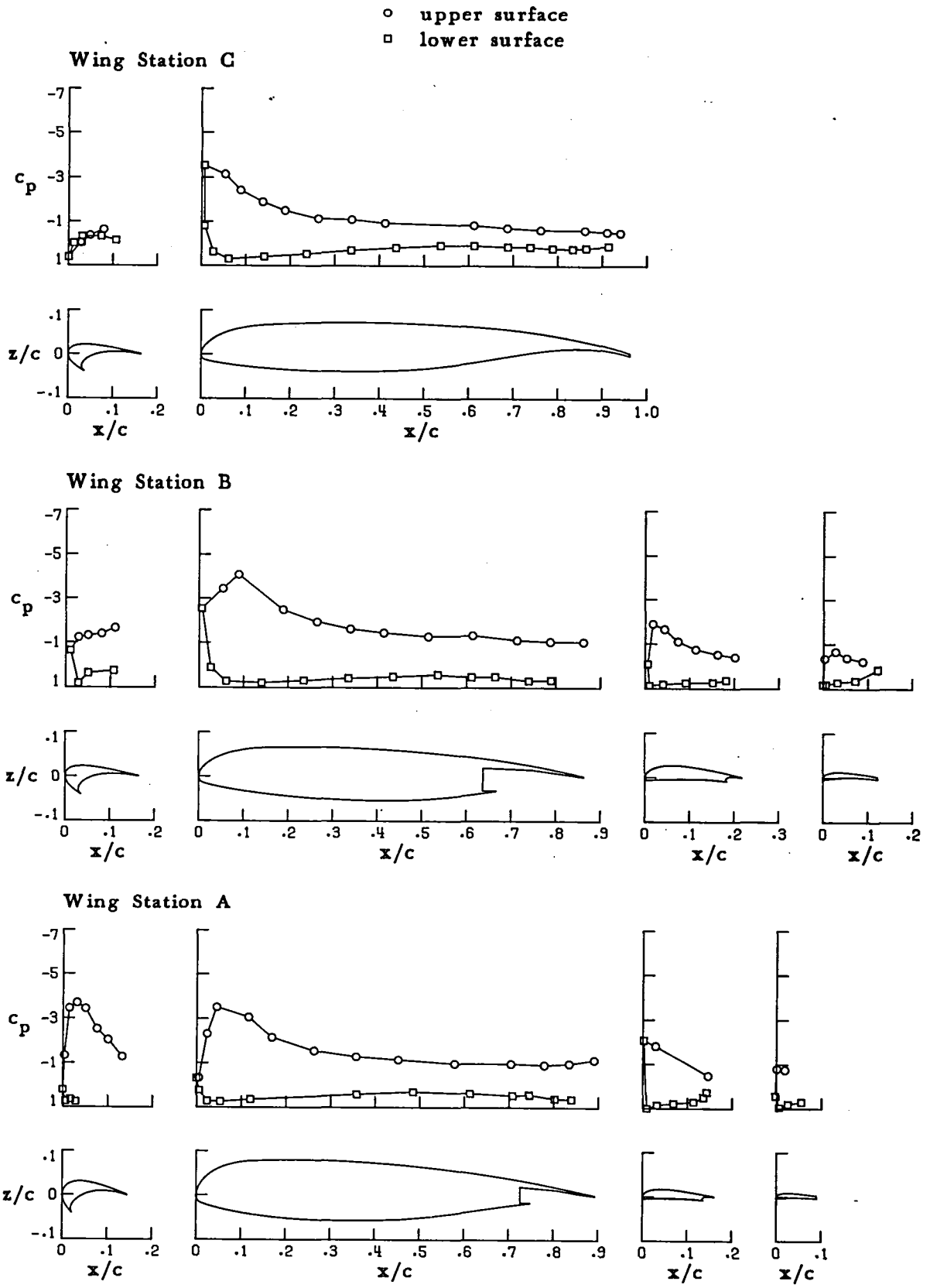
FIGURE 26. CONTINUED.



(e) α = 13.00

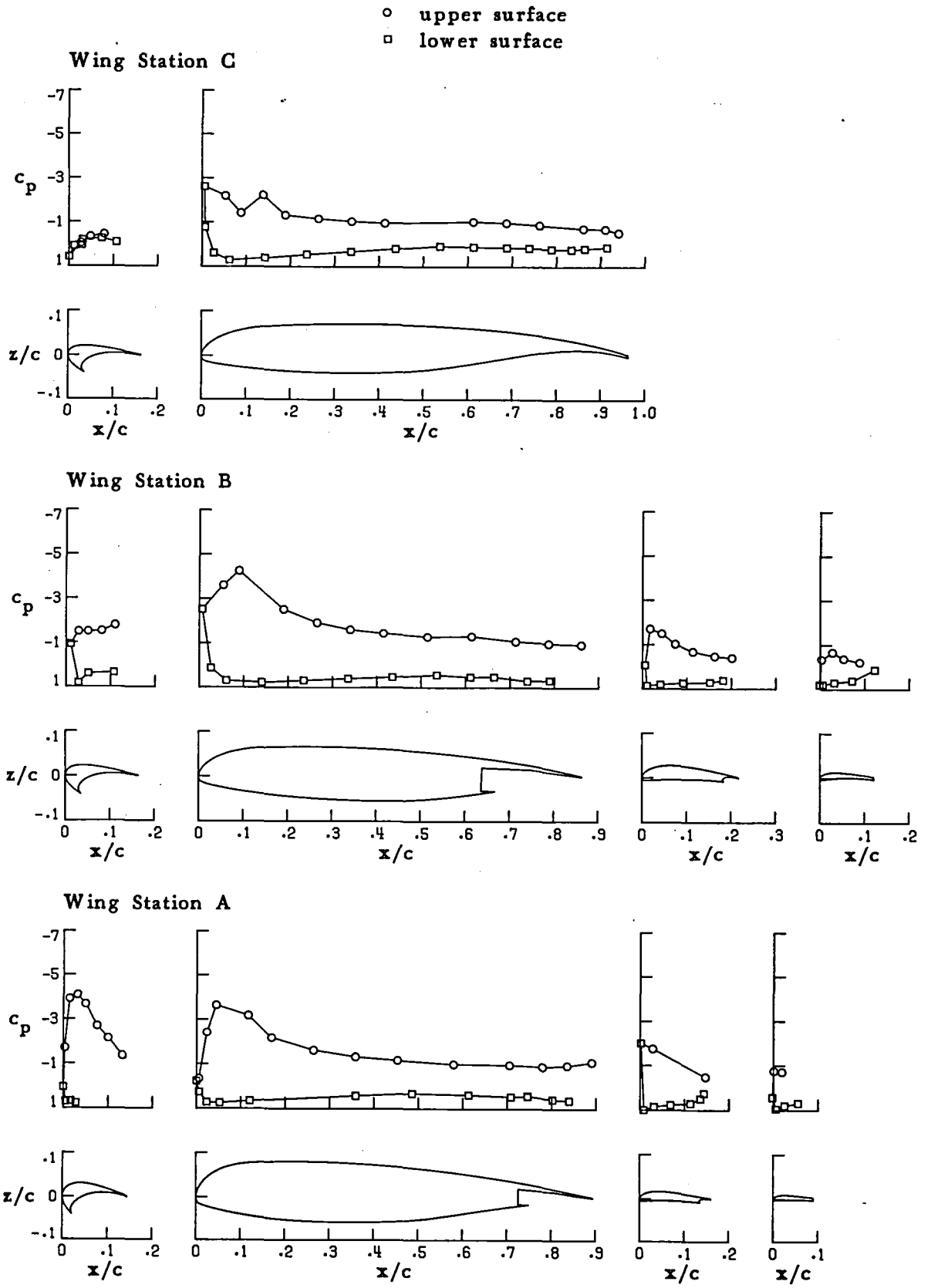
FIGURE 26. CONTINUED.

TEST = 436 RUN = 224 POINT = 18



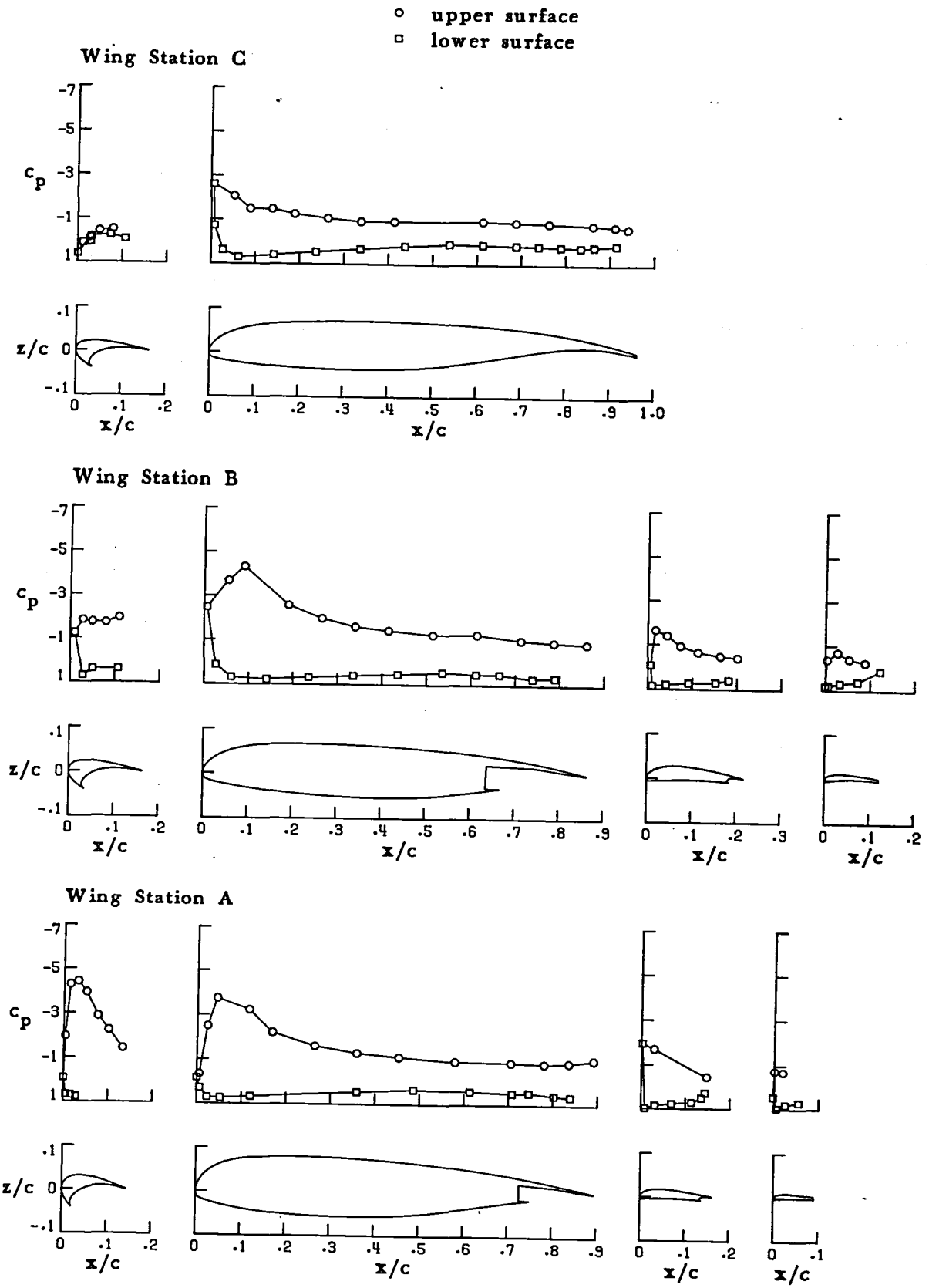
(f) α = 13.88

FIGURE 26. CONTINUED.



(g) α = 14.91

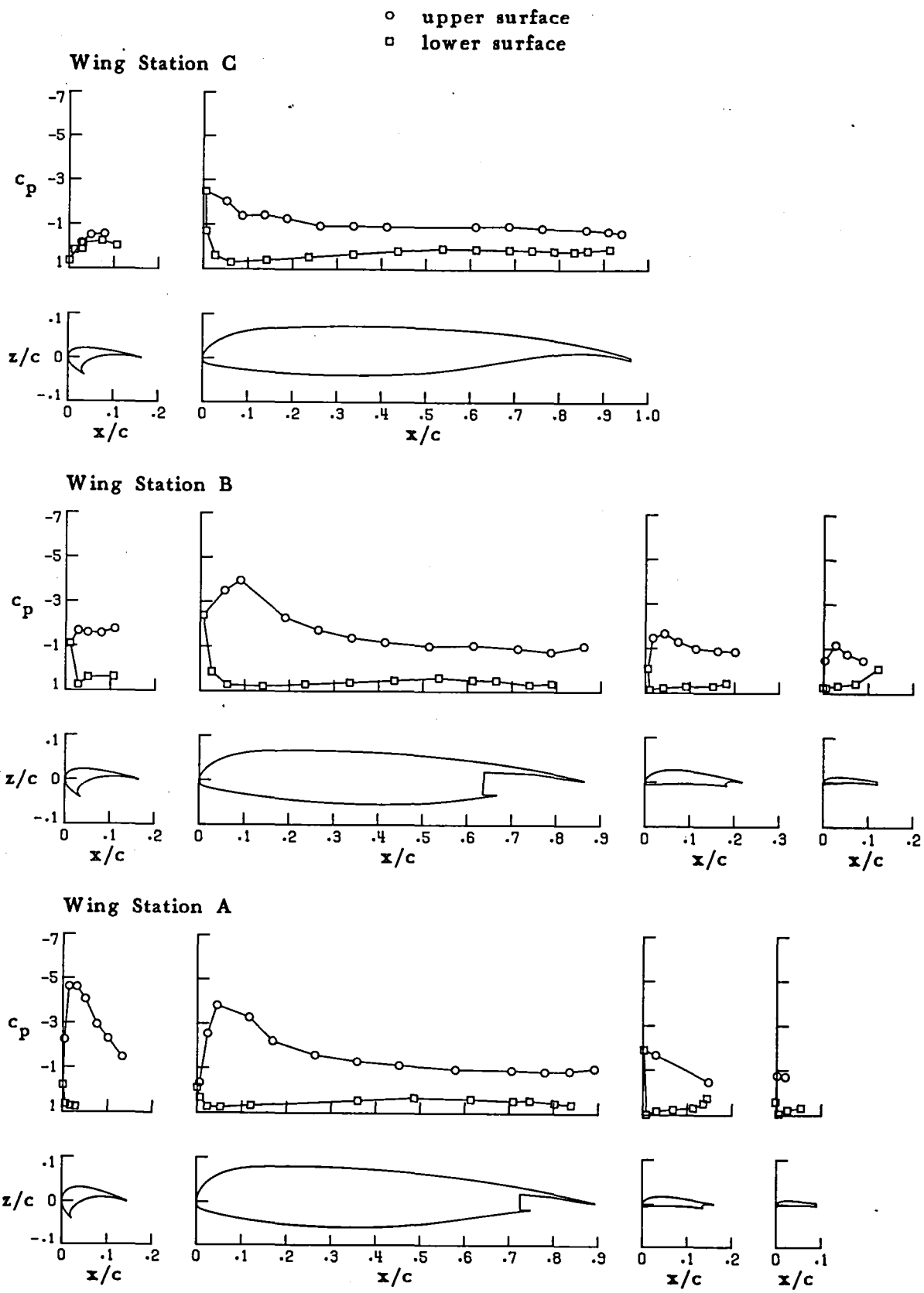
FIGURE 26. CONTINUED.



(h) α = 15.83

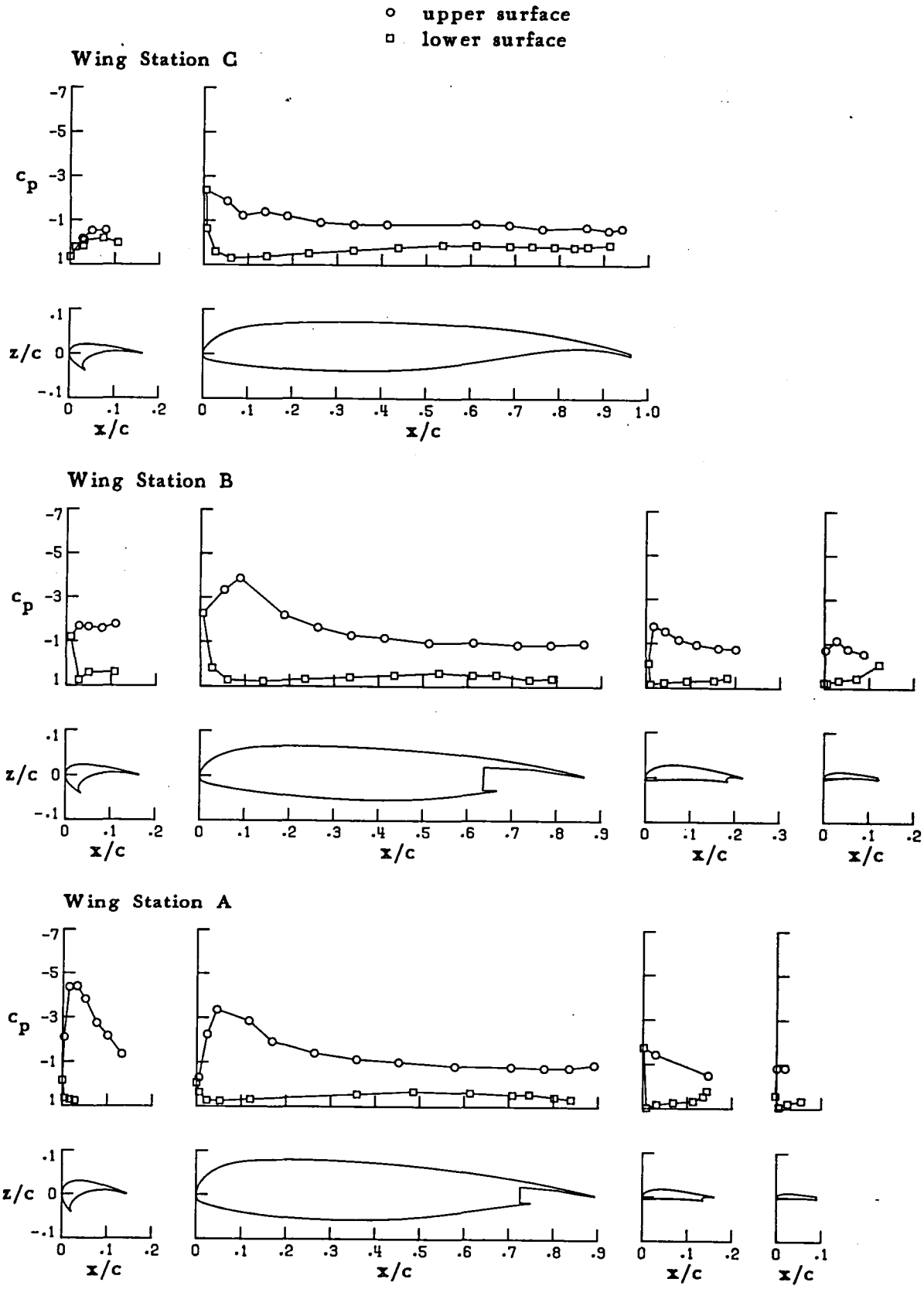
FIGURE 26. CONTINUED.

TEST = 496 RUN = 224 POINT = 21



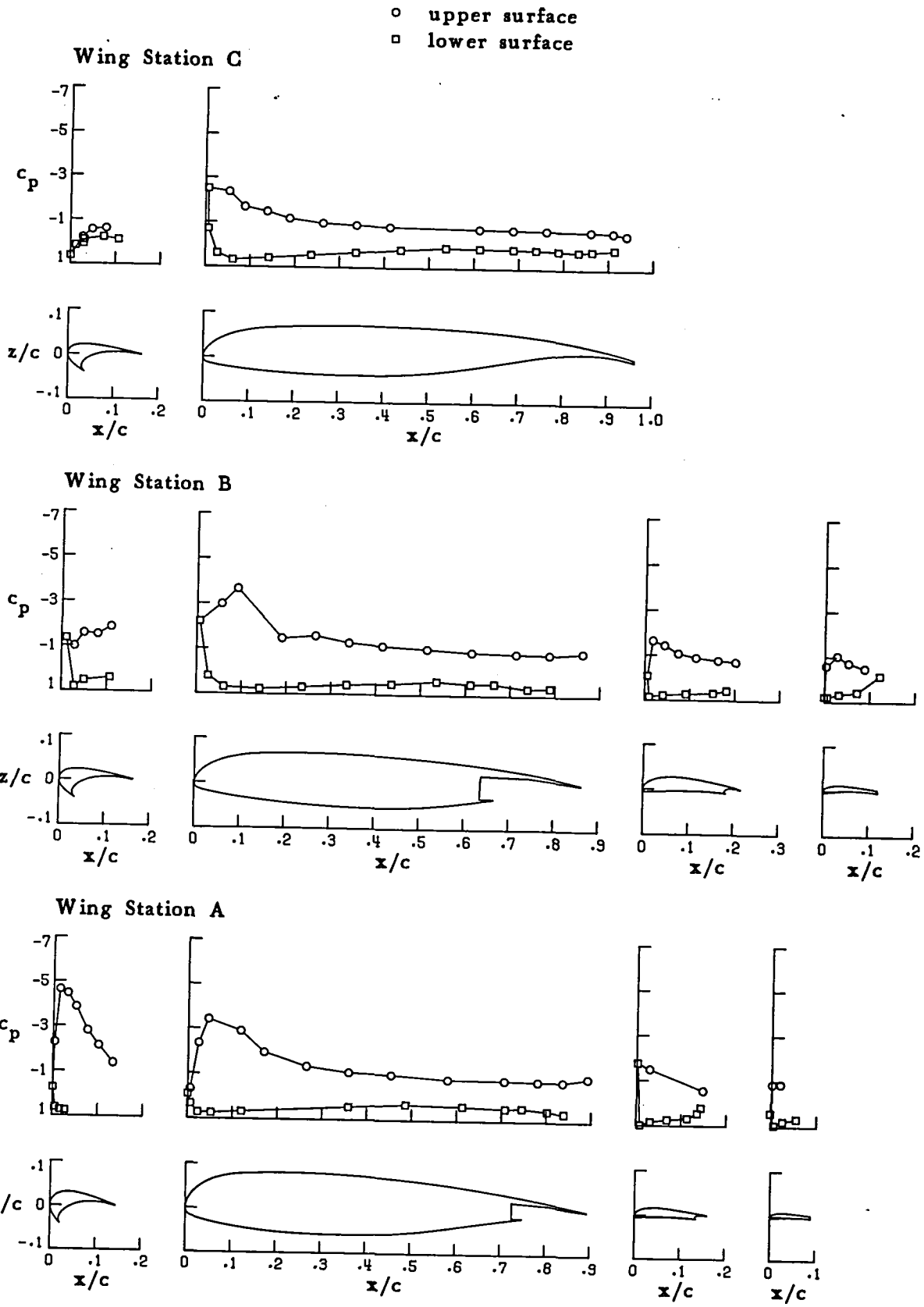
(i) α = 16.89

FIGURE 26. CONTINUED.



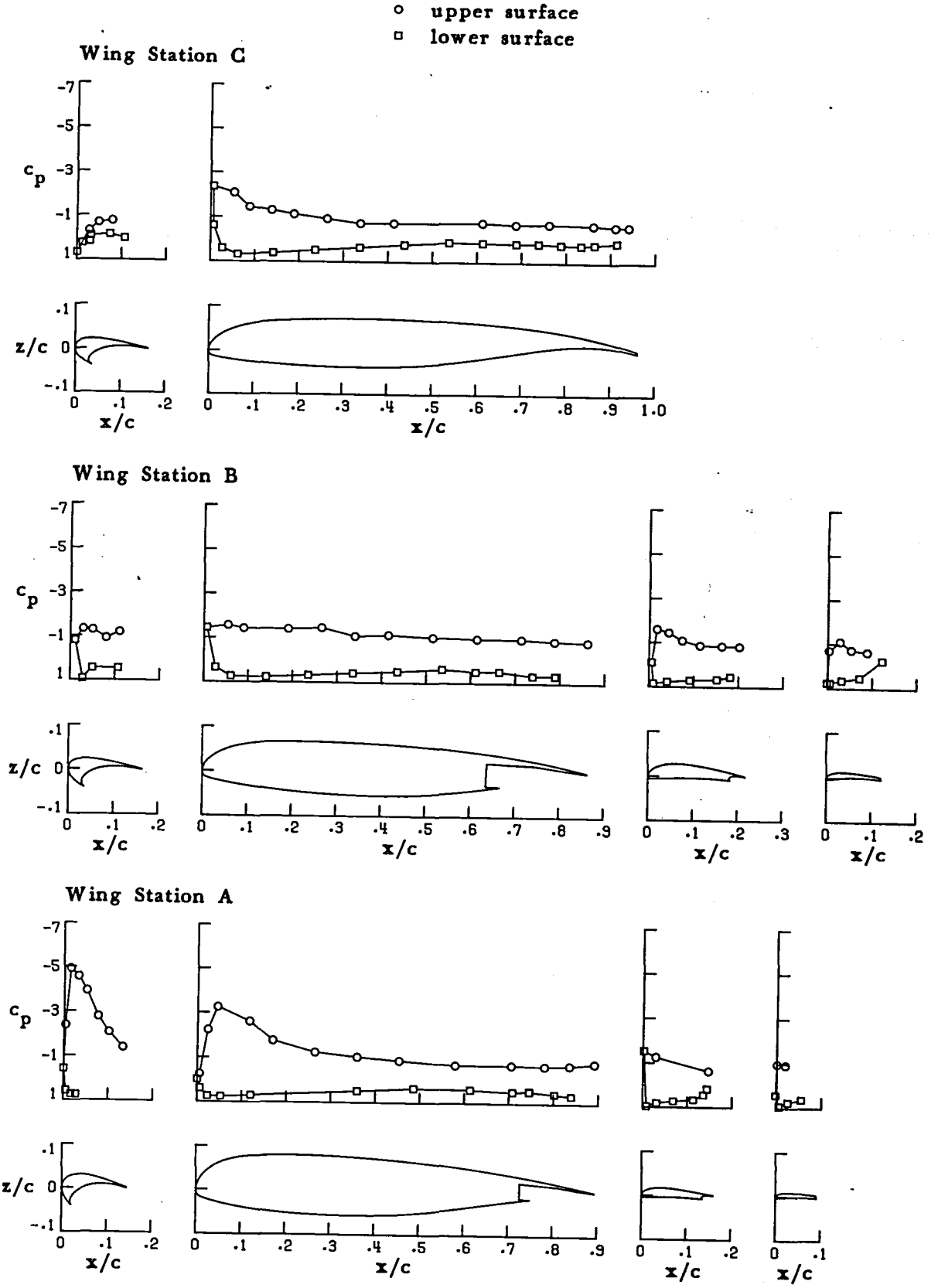
(j) α = 17.95

FIGURE 26. CONTINUED.



(k) α = 18.81

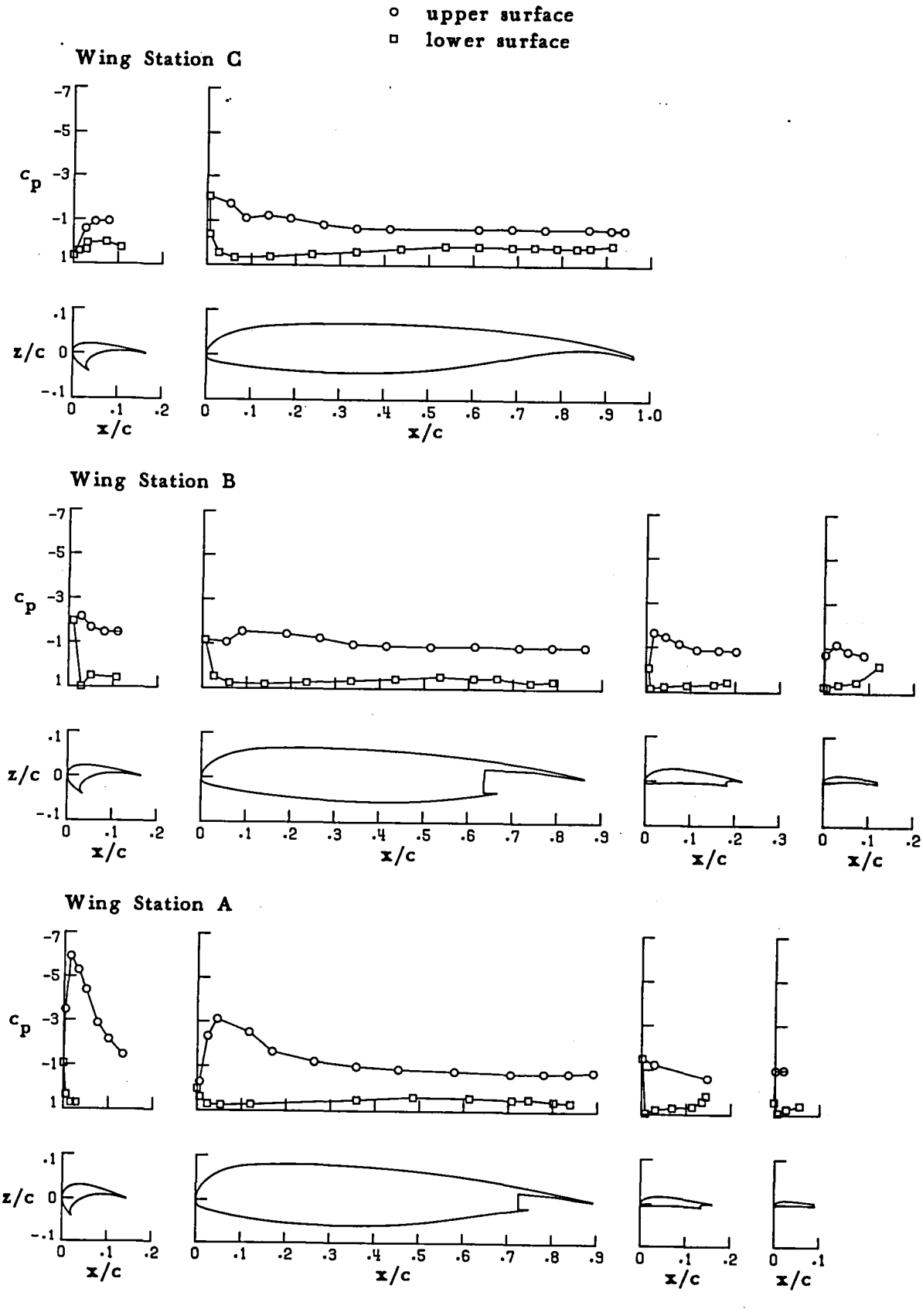
FIGURE 26. CONTINUED.



(1) α = 20.80

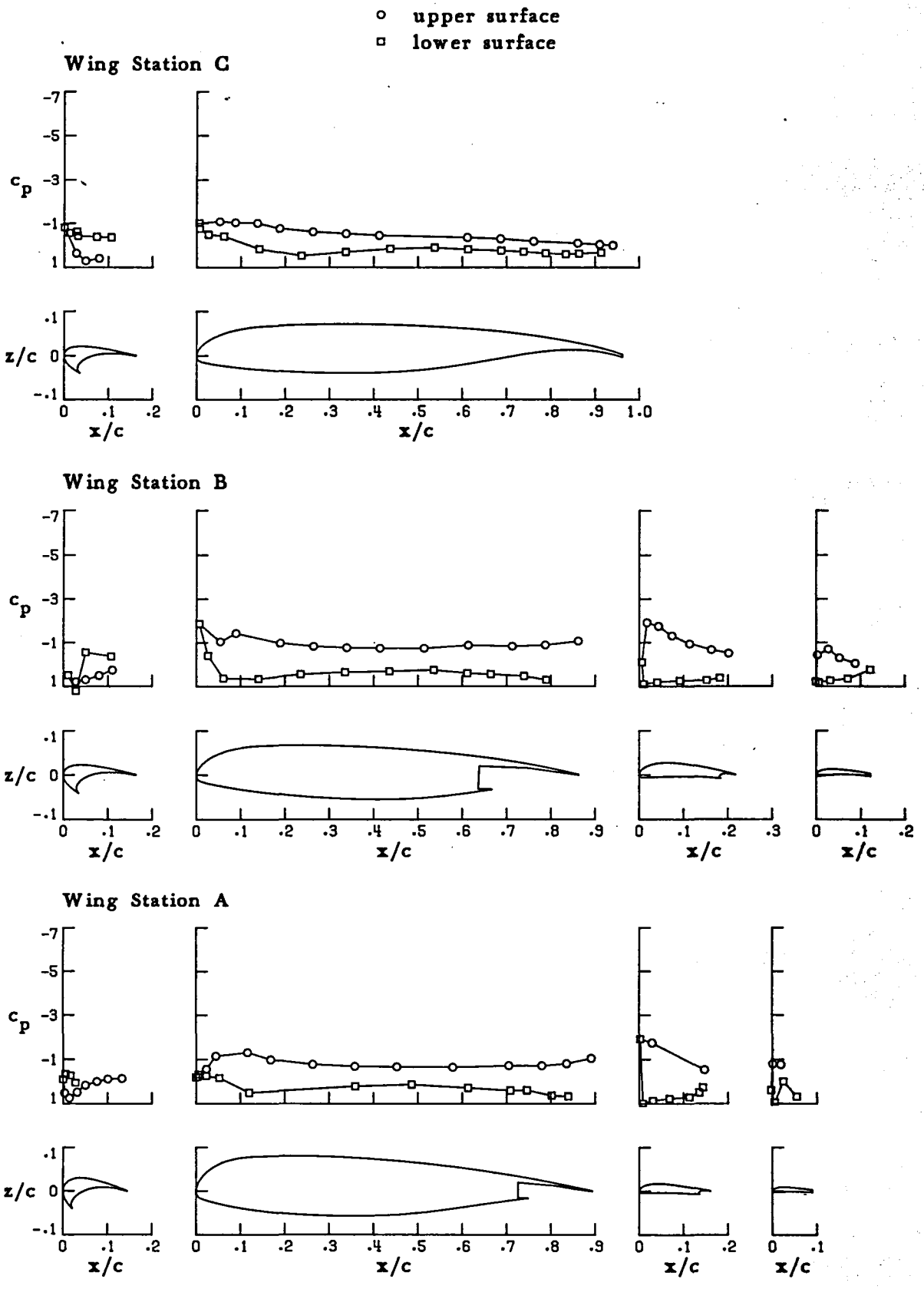
FIGURE 26. CONTINUED.

TEST = 436 RUN = 224 POINT = 28



(m) α = 24.99

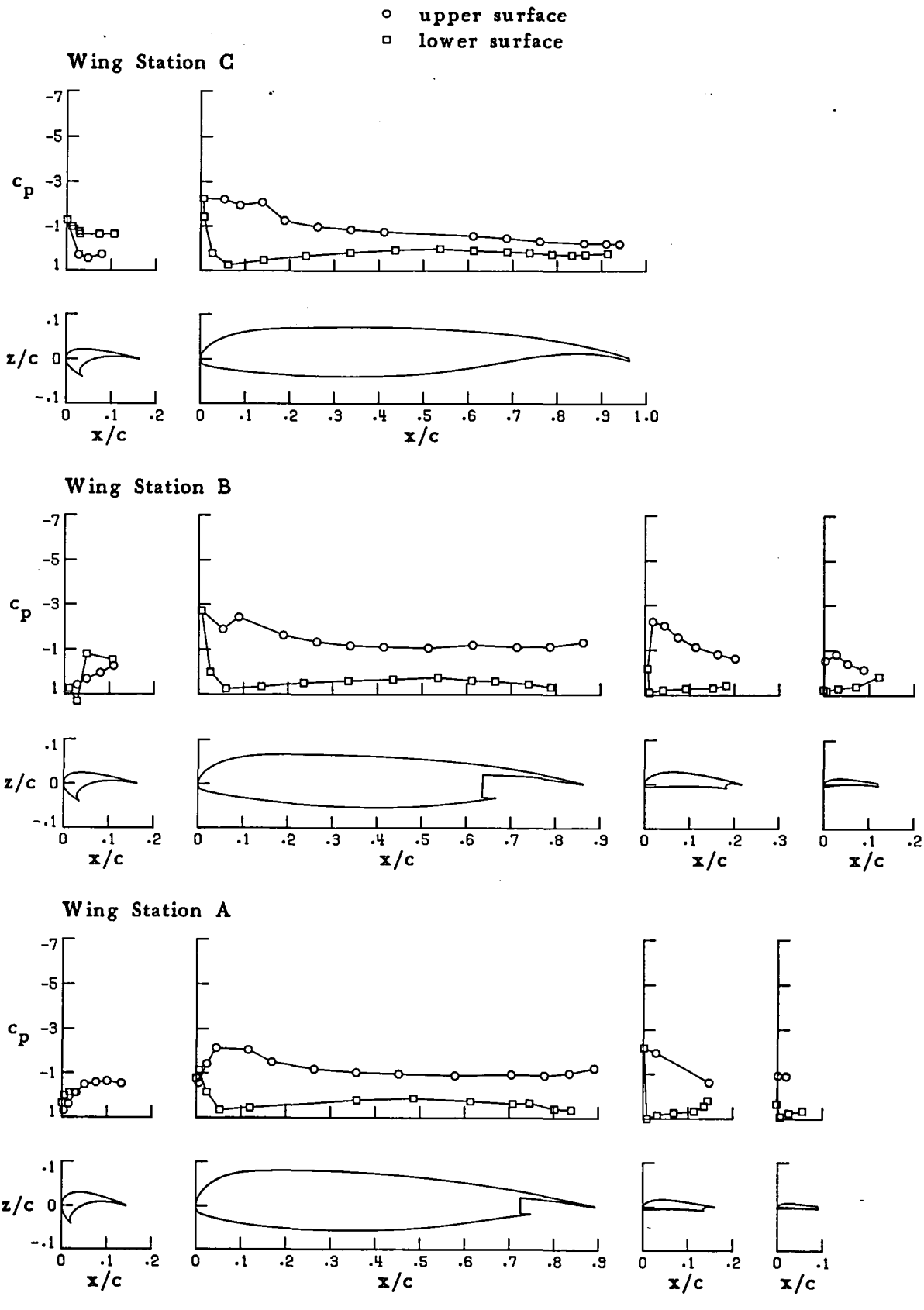
FIGURE 26. CONCLUDED.



(a) α = .70

FIGURE 27. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 220.

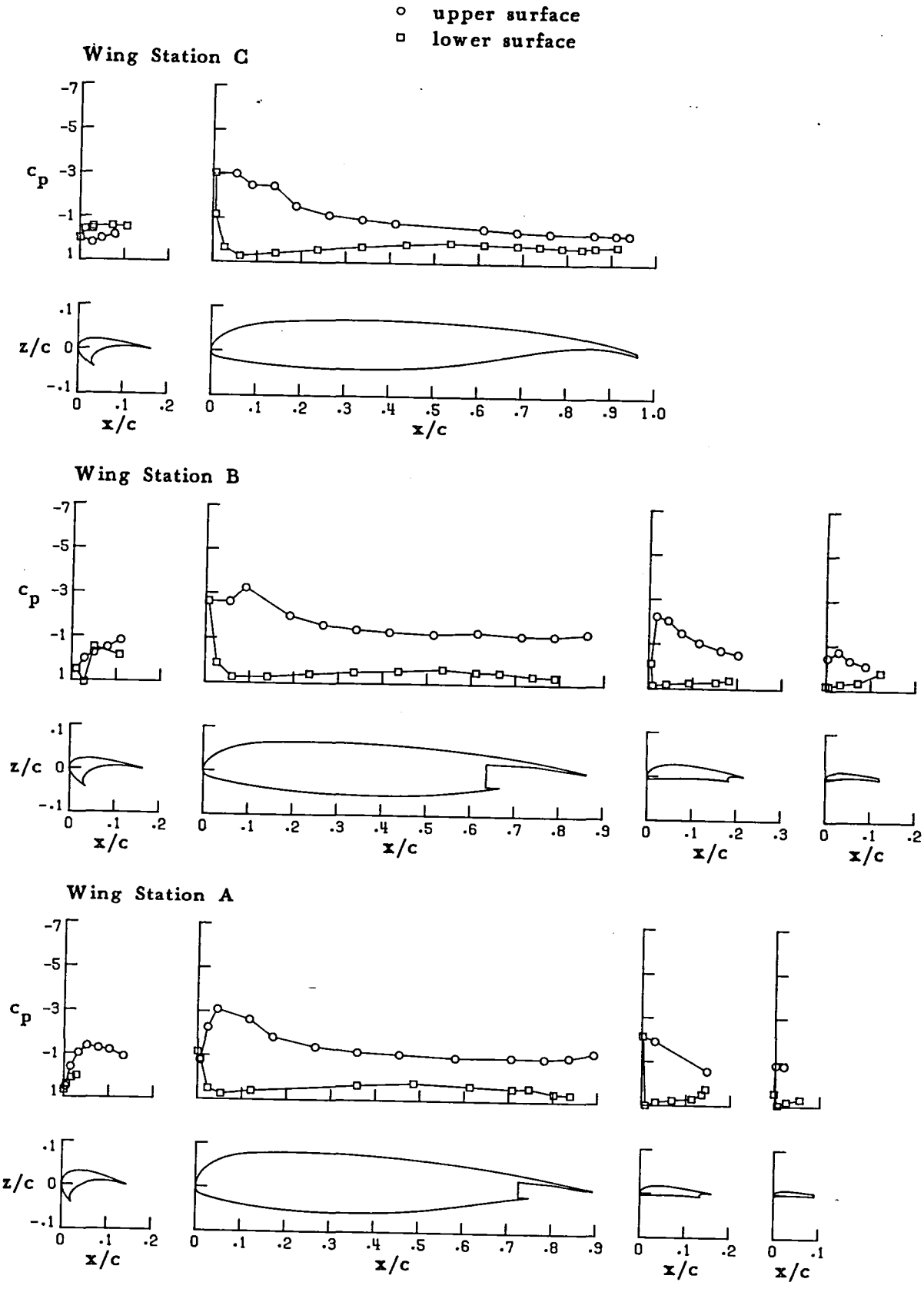
TEST = 436 RUN = 220 POINT = 8



(b) α = 4.61

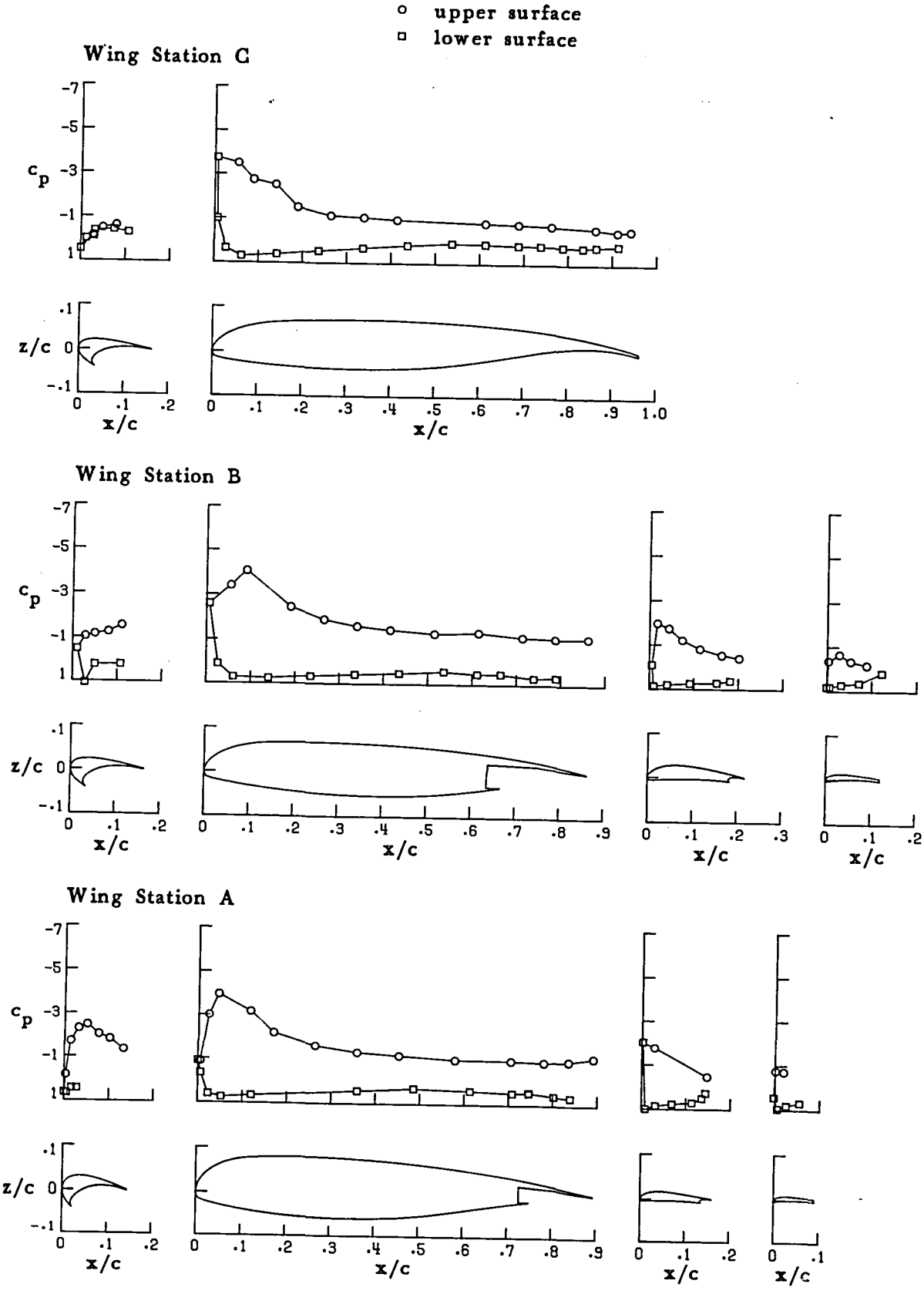
FIGURE 27. CONTINUED.

TEST = 456 RUN = 220 POINT = 10



(c) α = 8.92

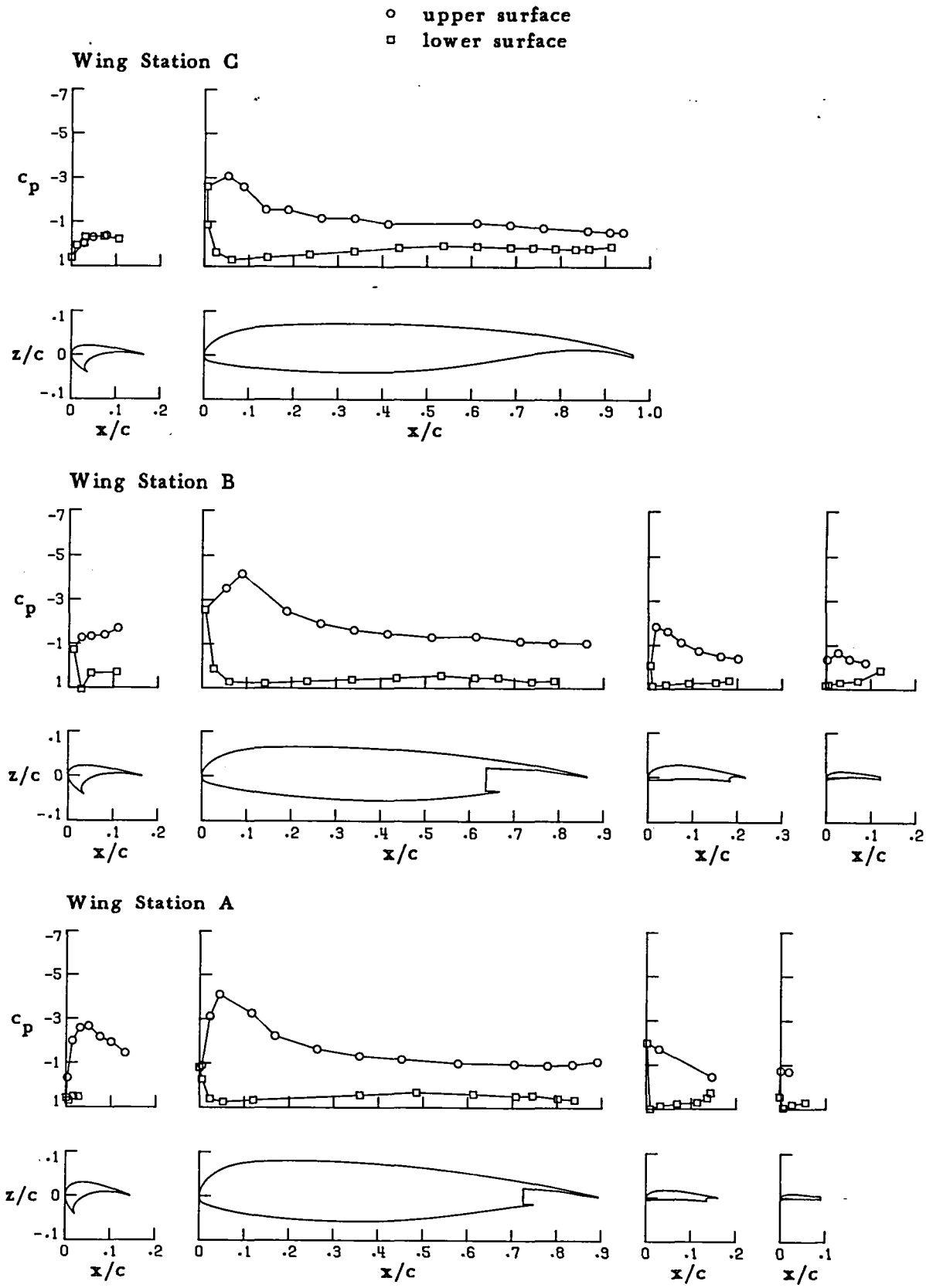
FIGURE 27 . CONTINUED.



(d) α = 18.03

FIGURE 27. CONTINUED.

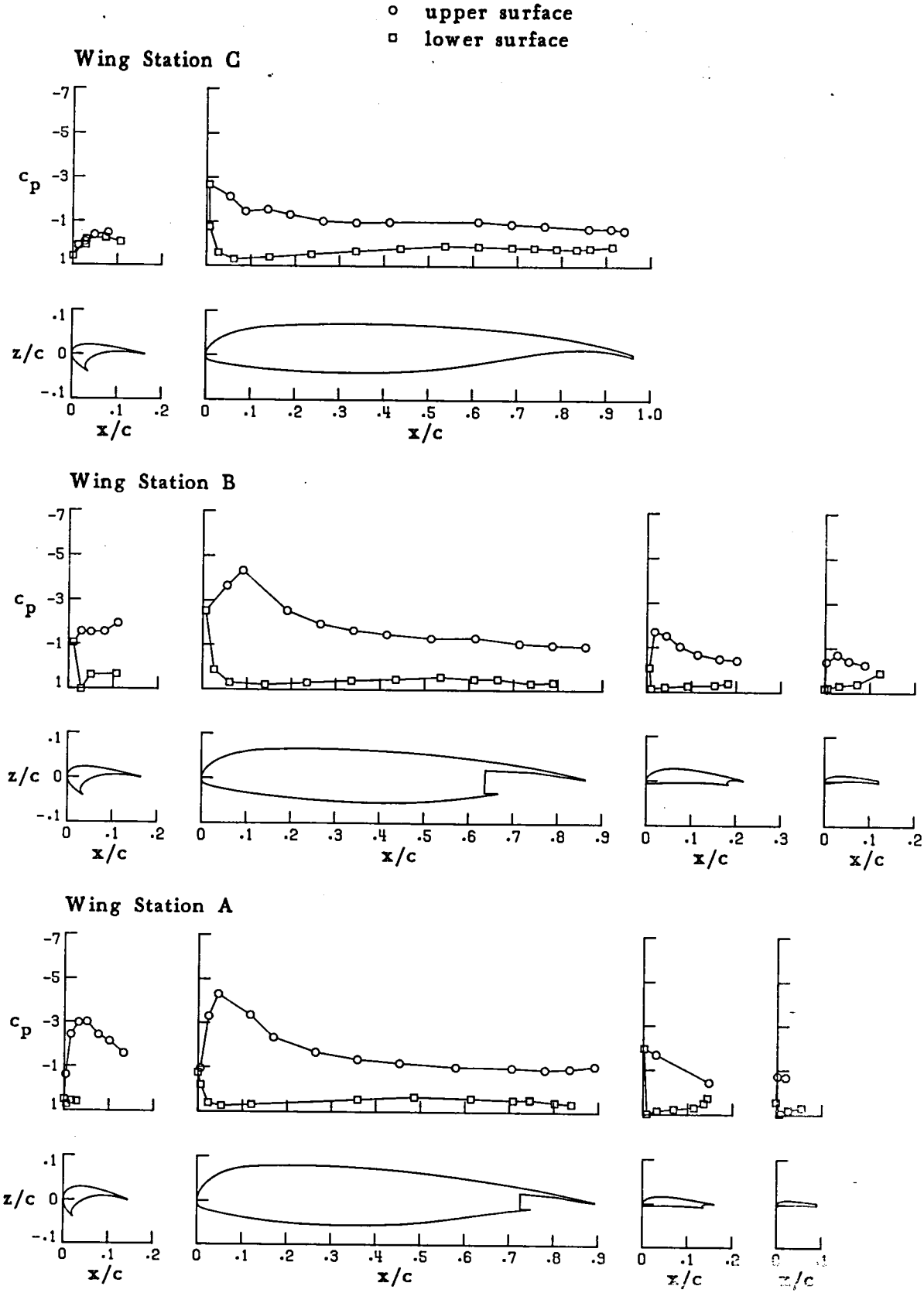
TEST = 496 RUN = 220 POINT = 14



(e) α = 13.88

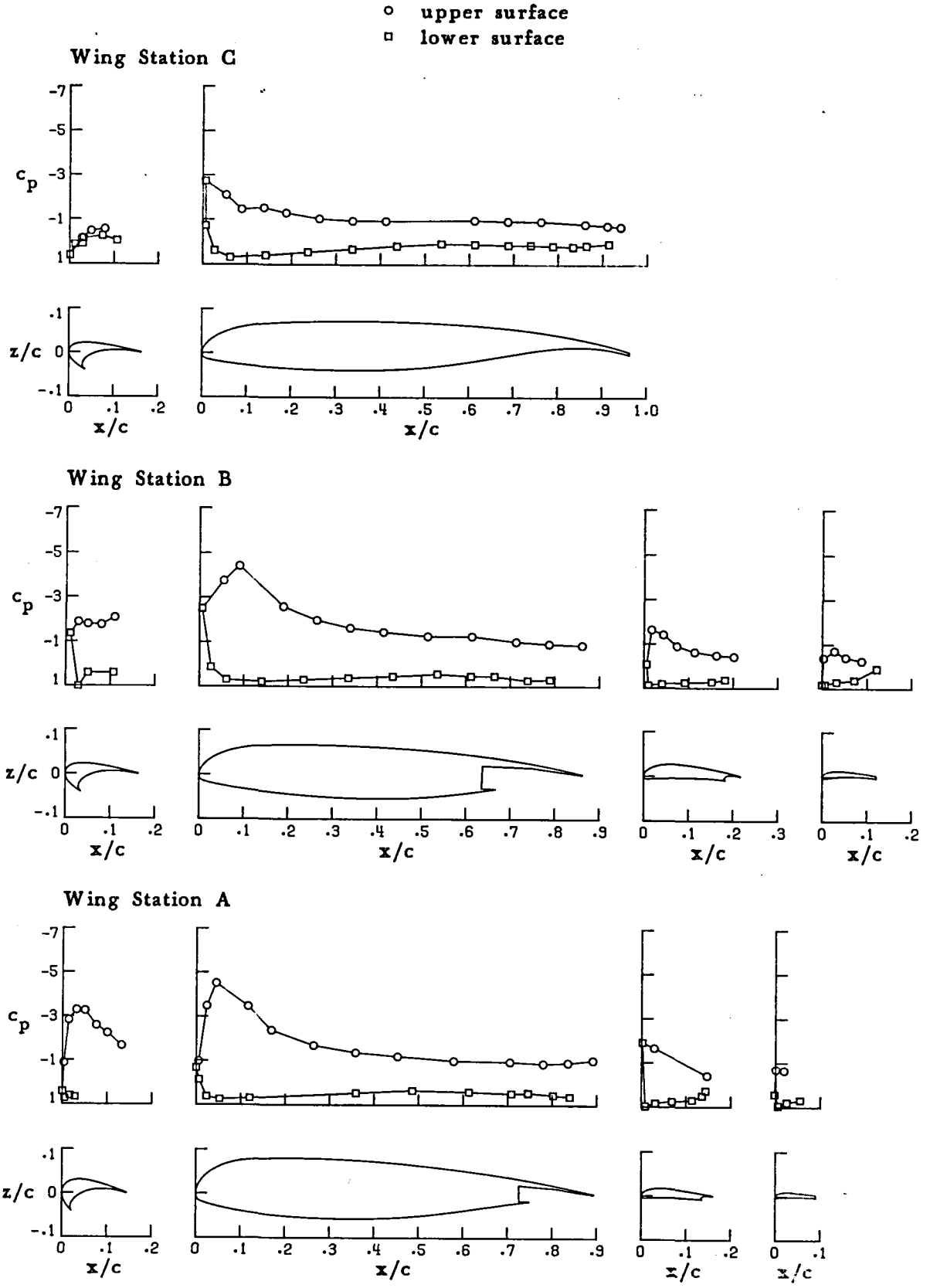
FIGURE 27 . CONTINUED.

TEST = 496 RUN = 220 POINT = 15



(f) α = 14.89

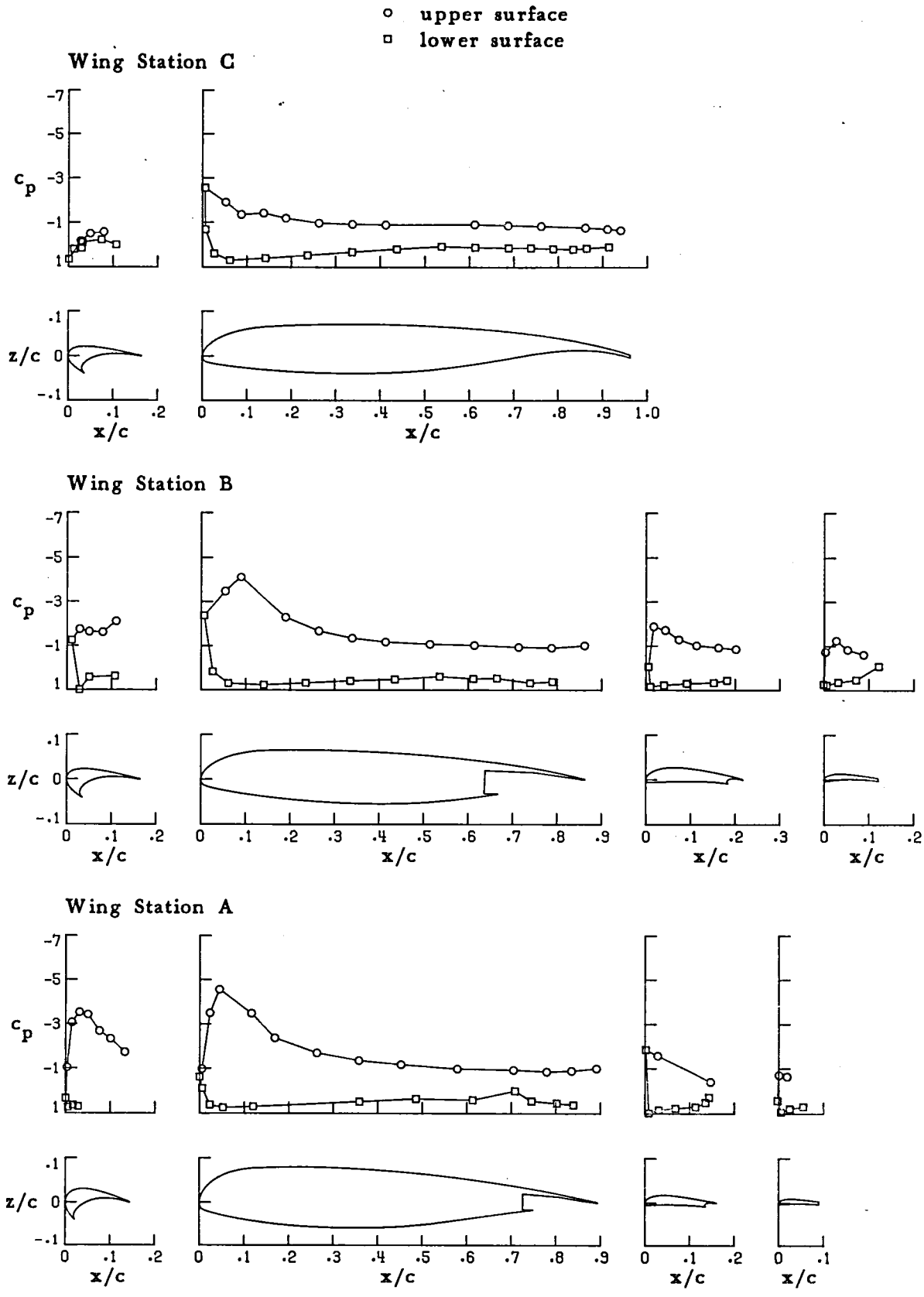
FIGURE 27. CONTINUED.



(g) α = 15.95

FIGURE 27 . CONTINUED.

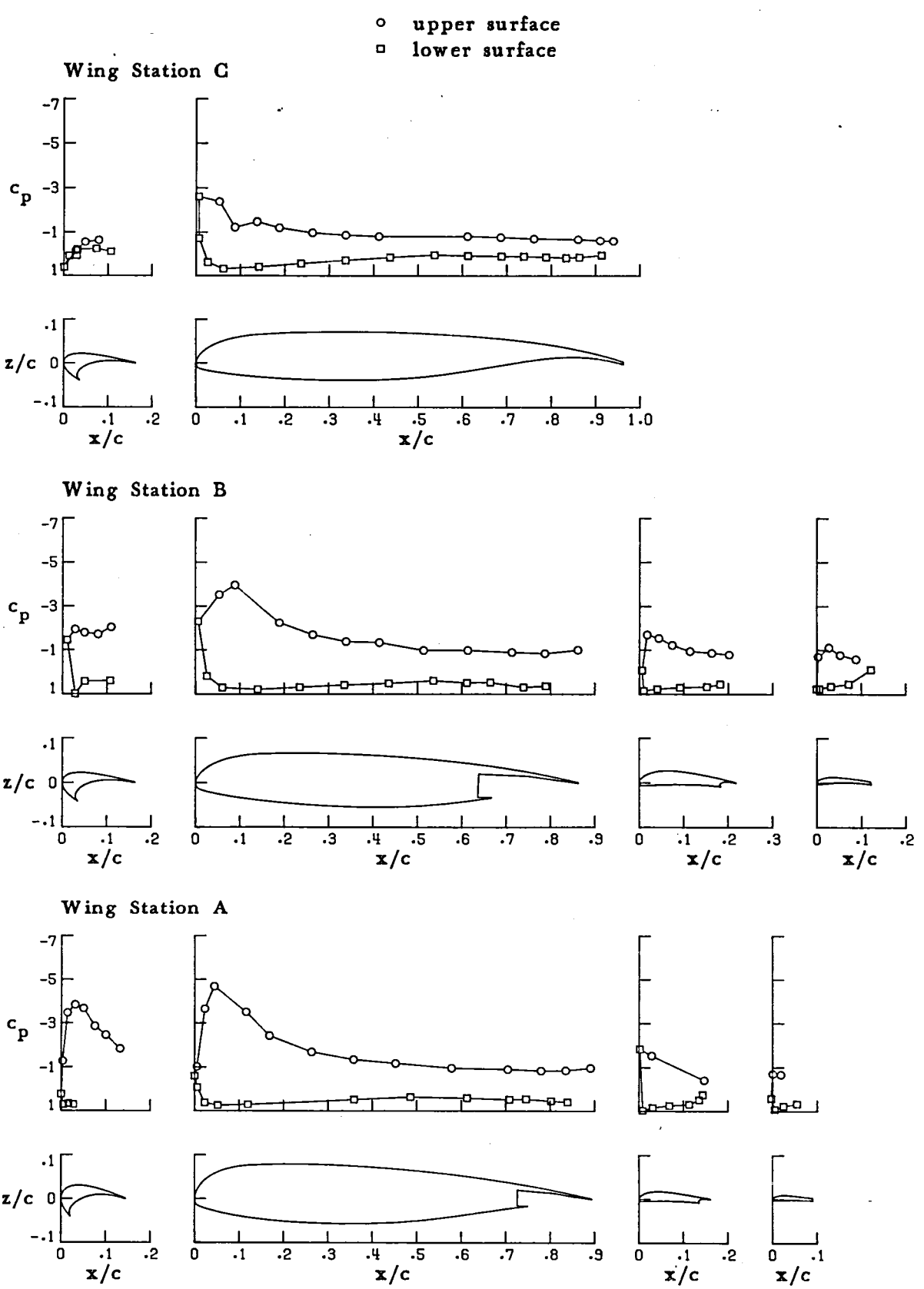
TEST = 436 RUN = 220 POINT = 17



(h) α = 16.88

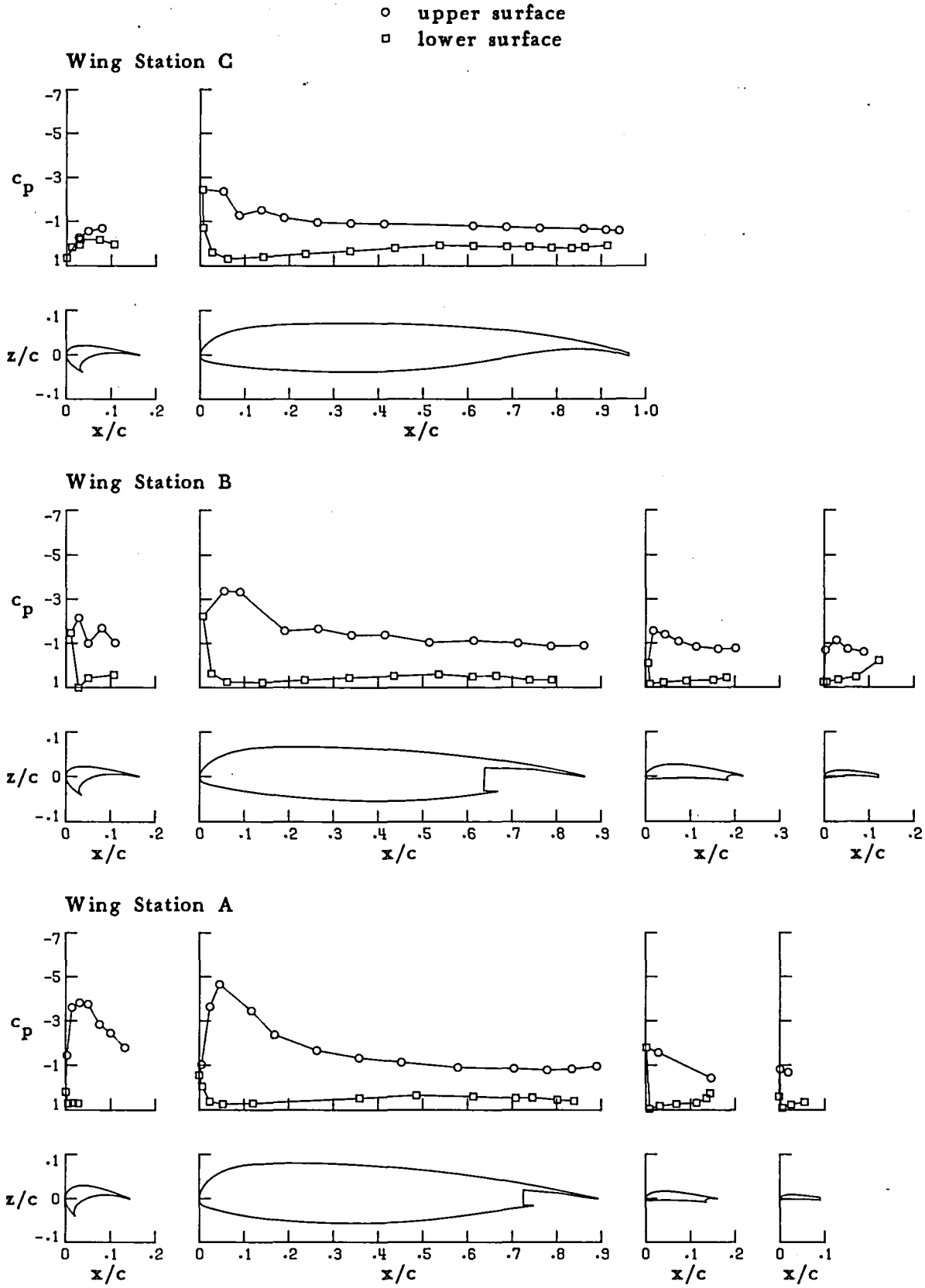
FIGURE 27. CONTINUED.

TEST = 496 RUN = 220 POINT = 18



(i) α = 17.94

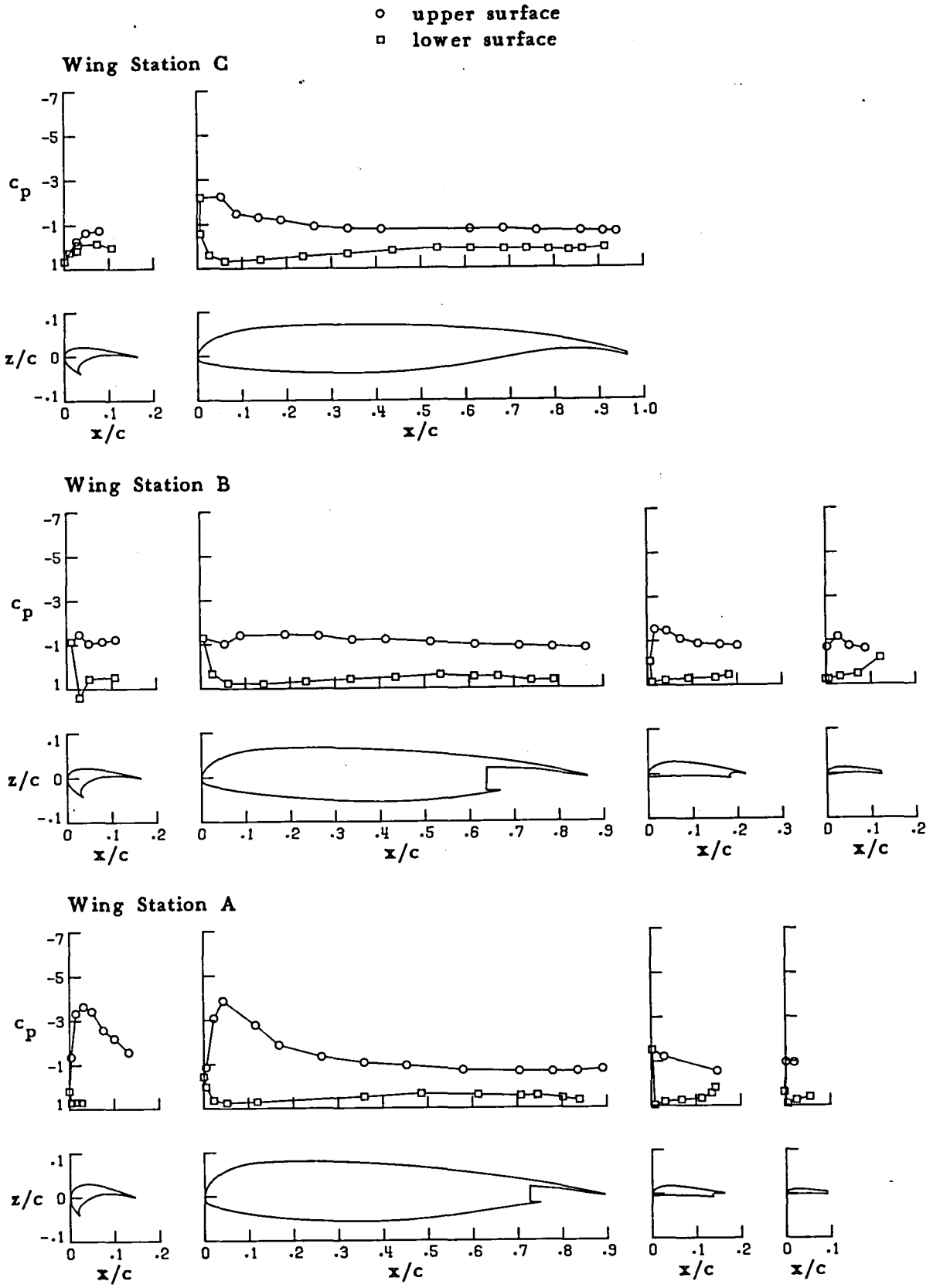
FIGURE 27. CONTINUED.



(j) α = 18.80

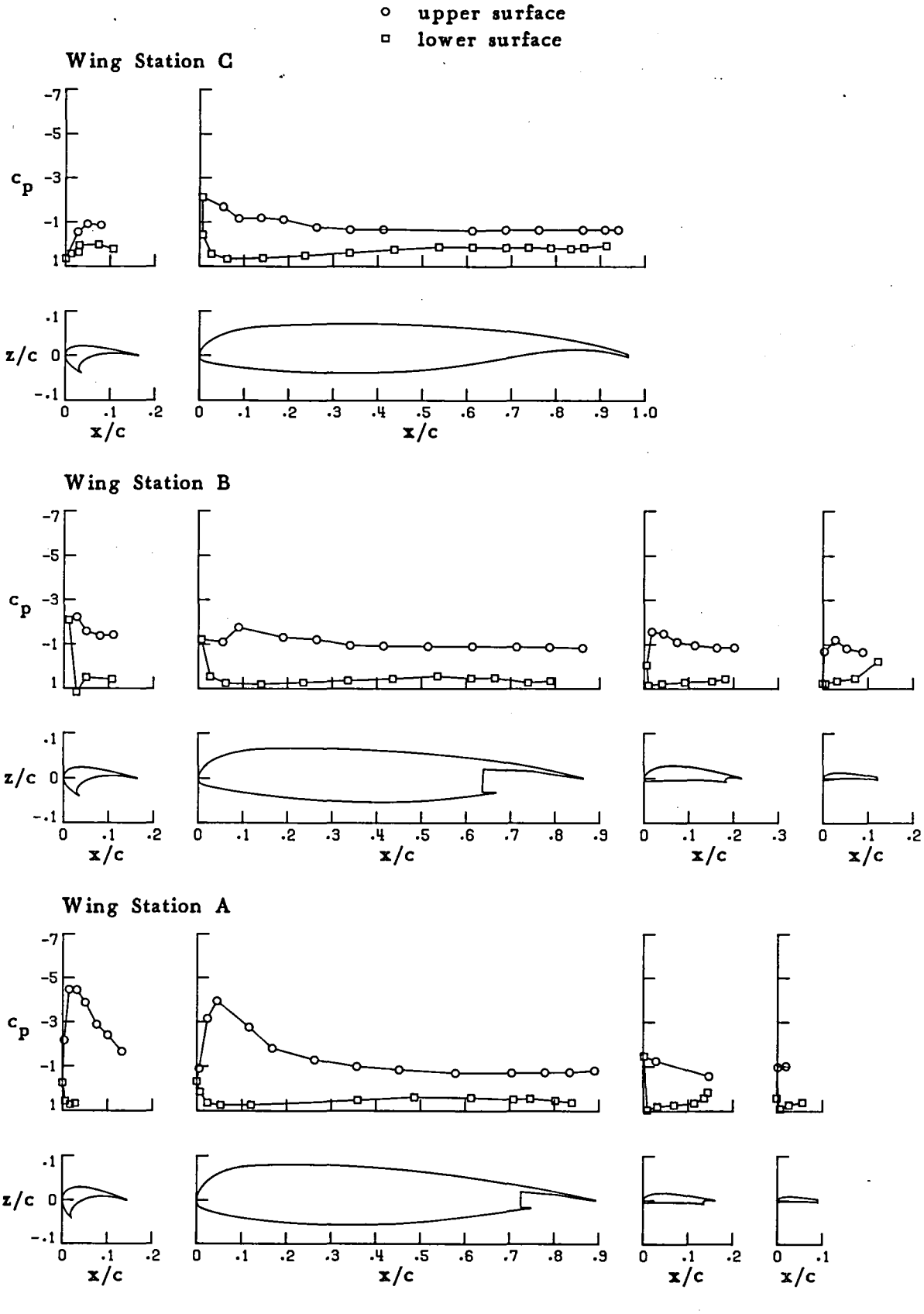
FIGURE 27. CONTINUED.

TEST = 496 RUN = 220 POINT = 20



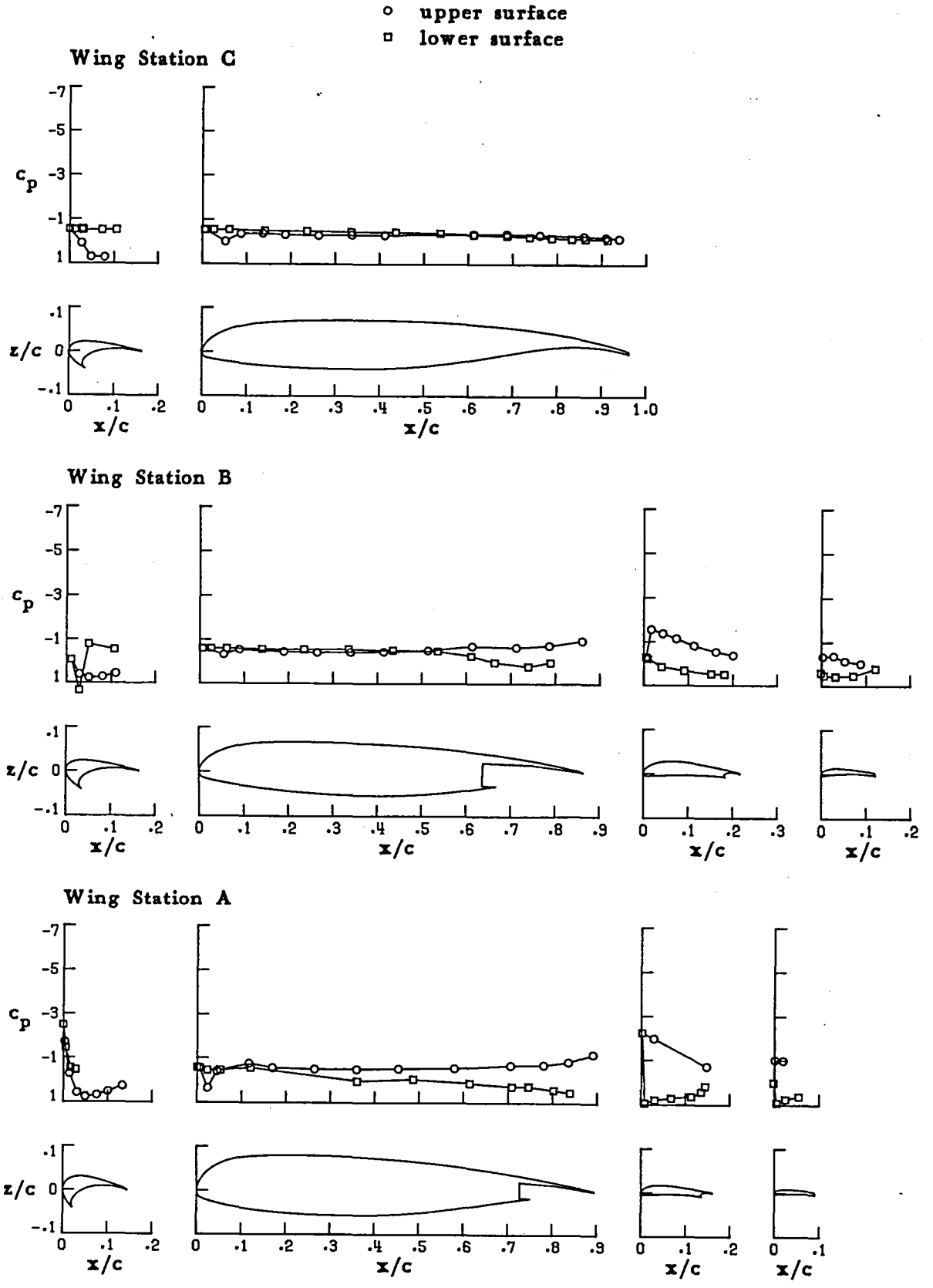
(k) α = 20.86

FIGURE 27. CONTINUED.



(1) α = 24.91

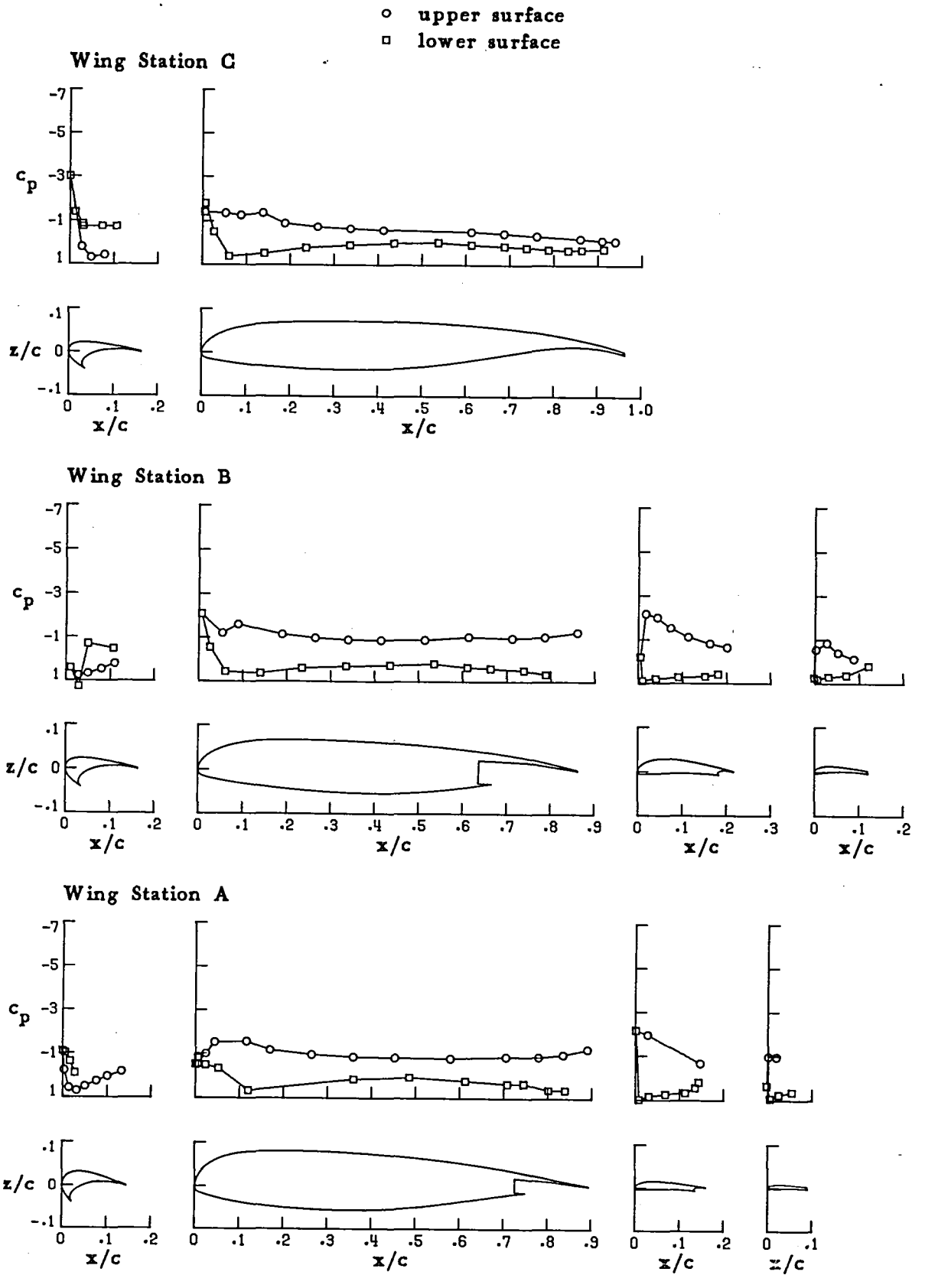
FIGURE 27. CONCLUDED.



(a) α = -5.73

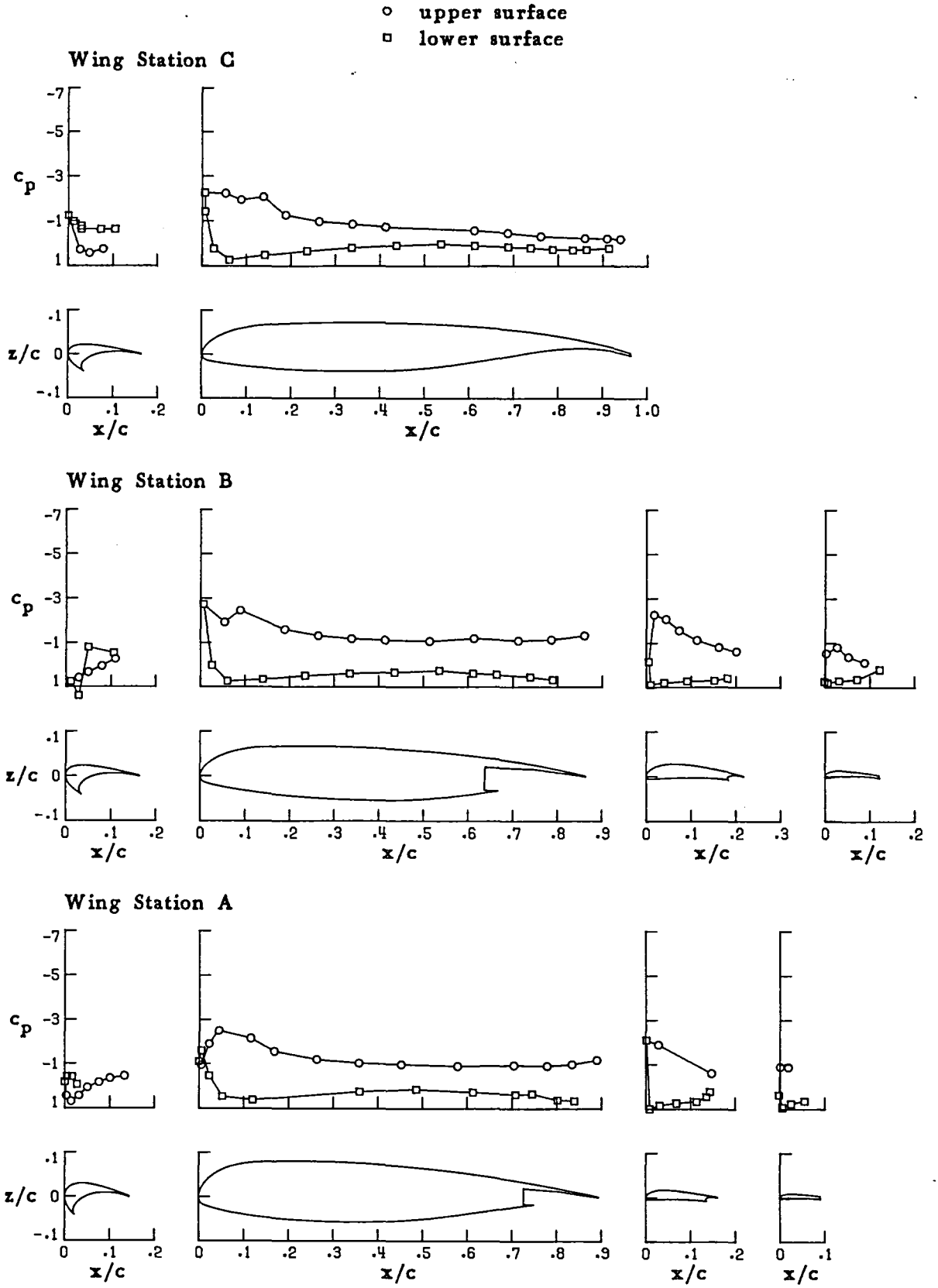
FIGURE 28. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 216.

TEST = 496 RUN = 216 POINT = 6



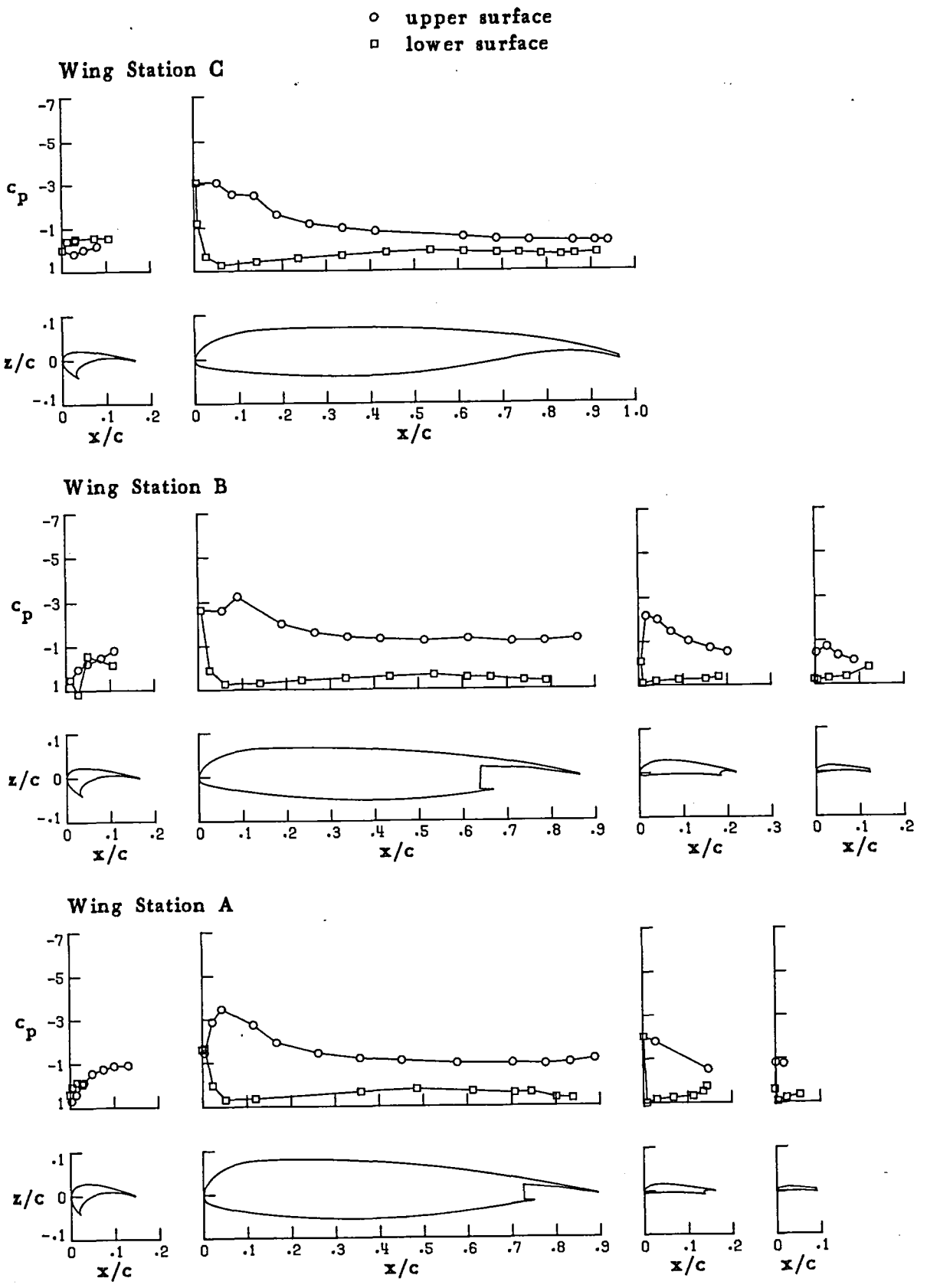
(b) α = .51

FIGURE 28. CONTINUED.



(c) α = 4.72

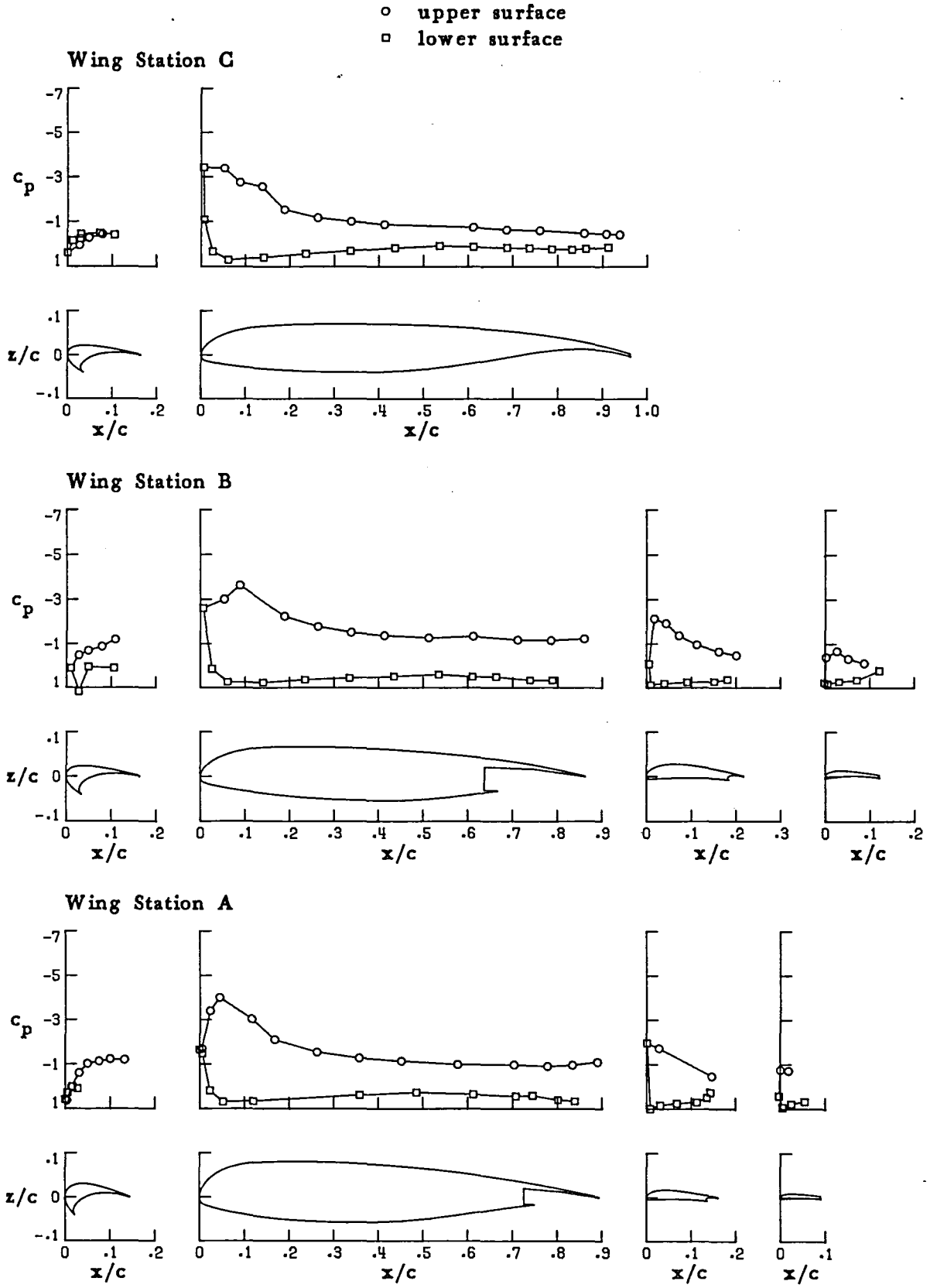
FIGURE 28. CONTINUED.



(d) α = 8.84

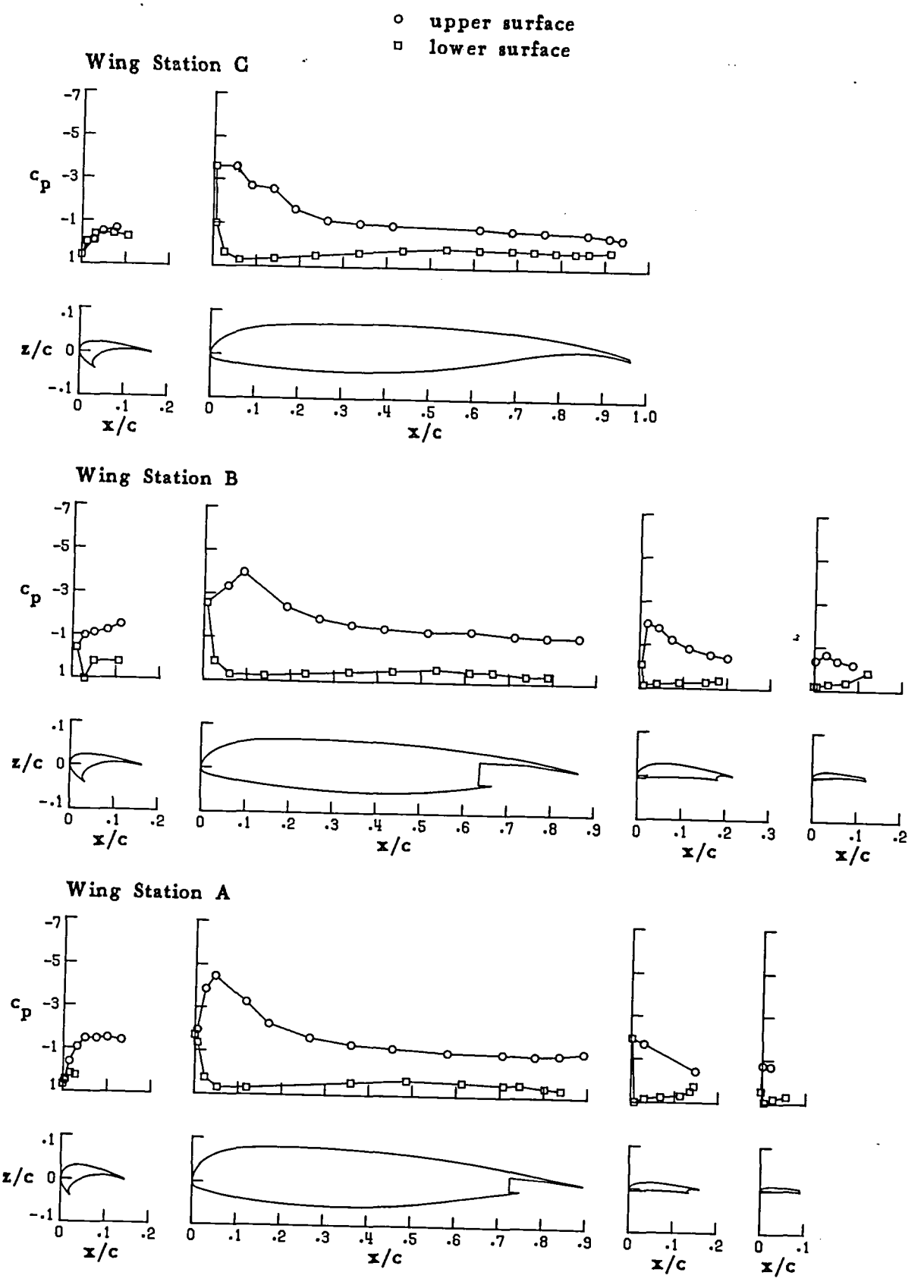
FIGURE 28. CONTINUED.

TEST = 496 RUN = 218 POINT = 13



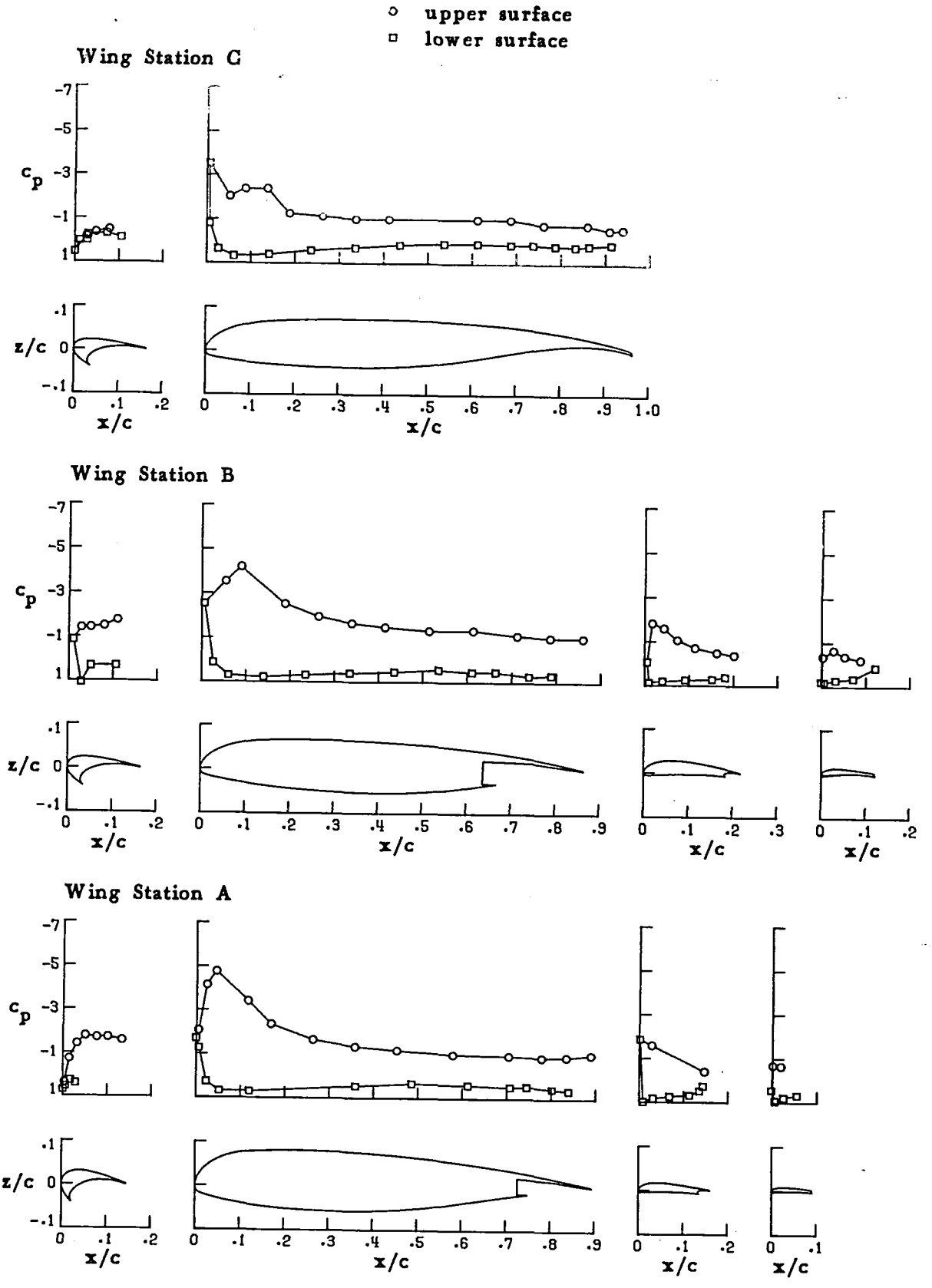
(e) α = 10.91

FIGURE 28. CONTINUED.



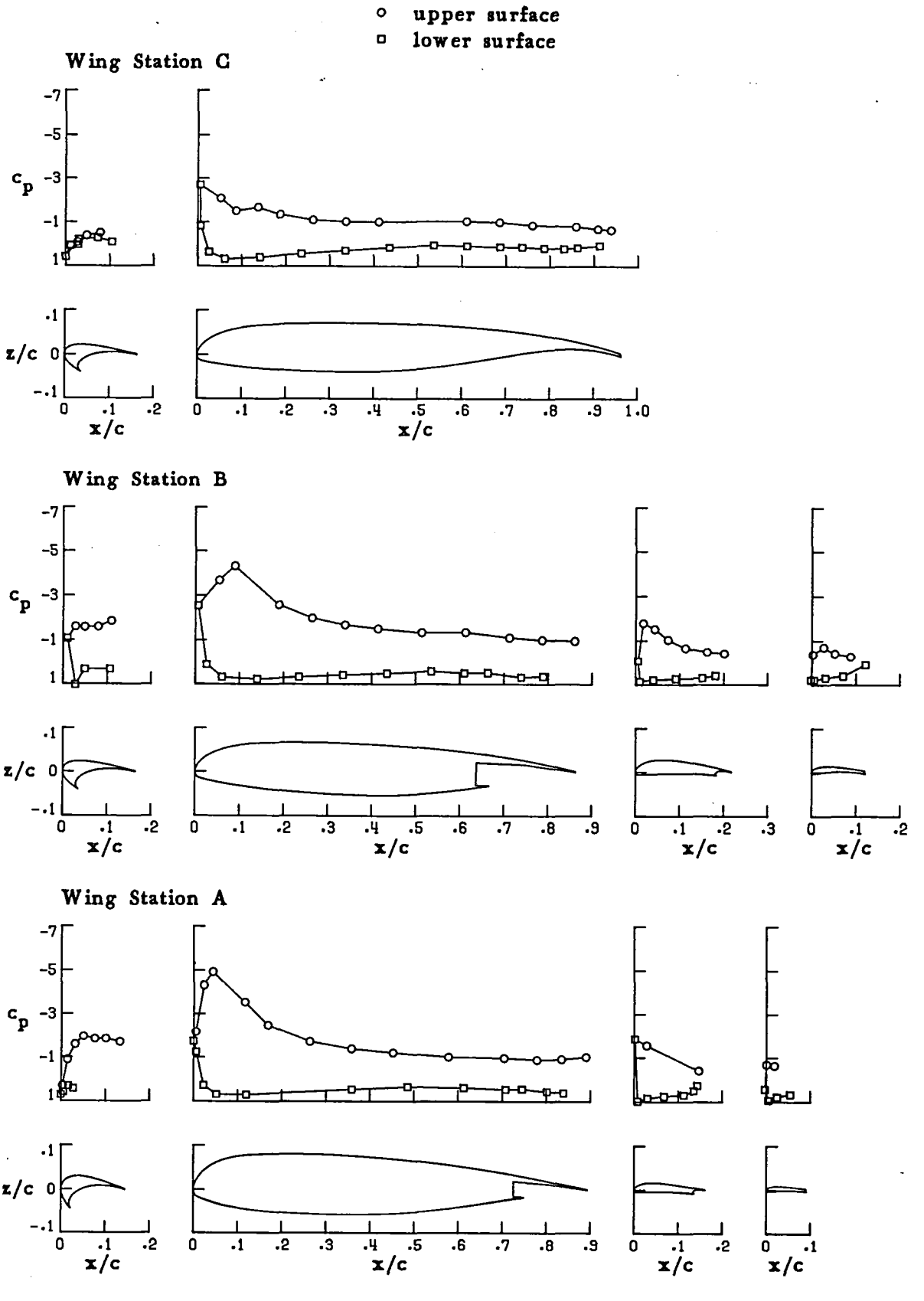
(f) α = 12.89

FIGURE 28. CONTINUED.



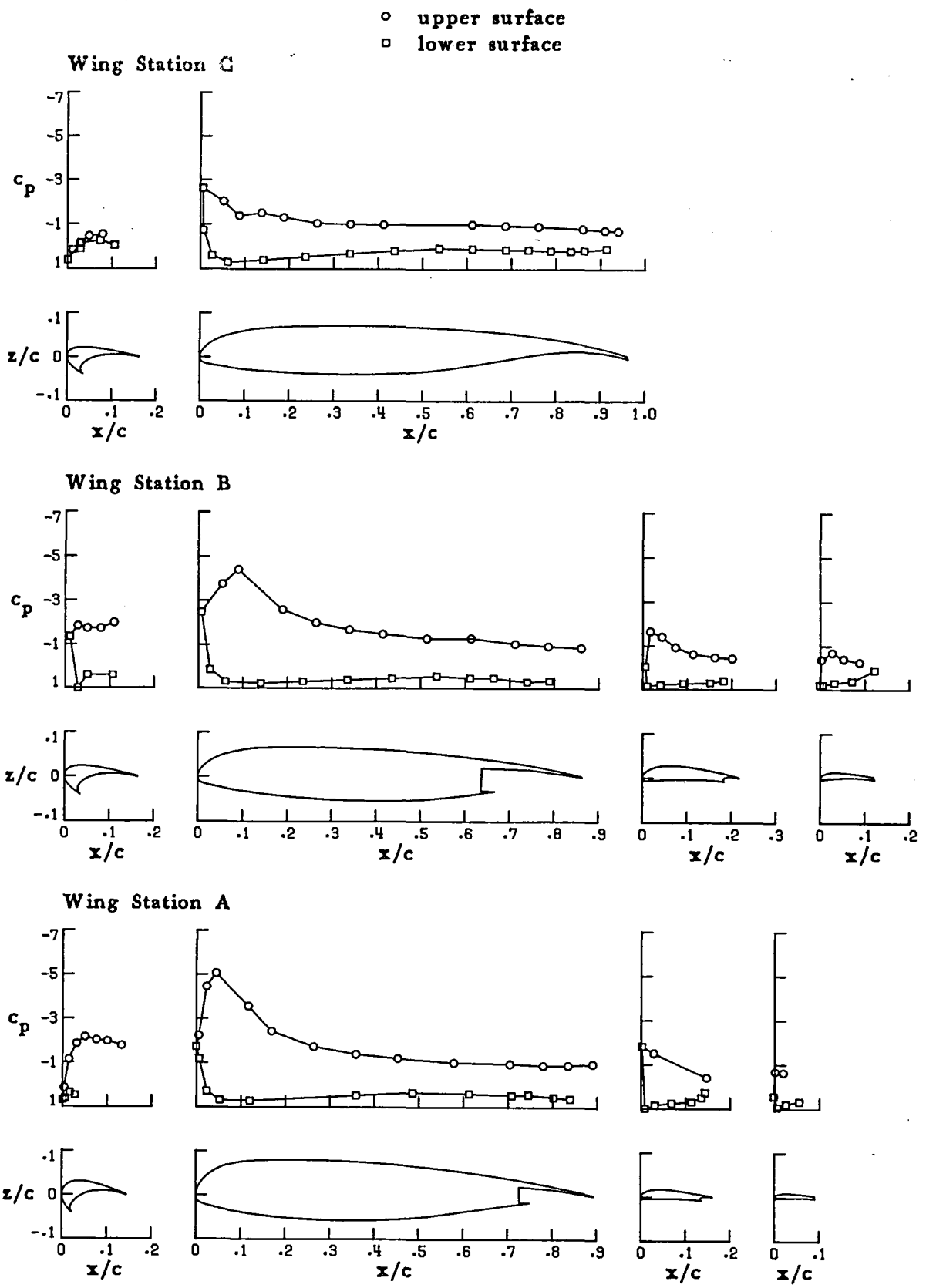
(g) α = 14.04

FIGURE 28. CONTINUED.



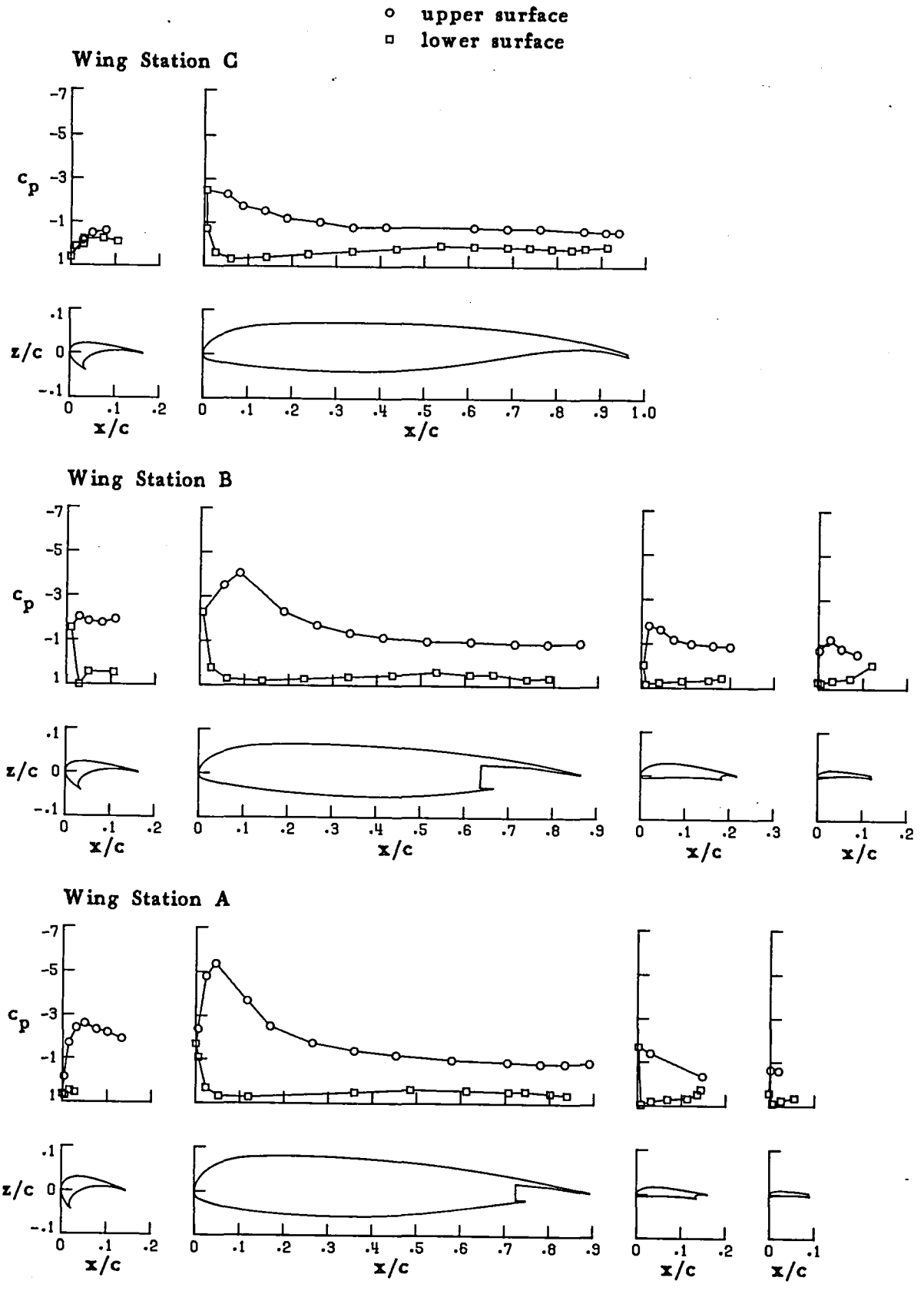
(h) α = 14.90

FIGURE 28. CONTINUED.



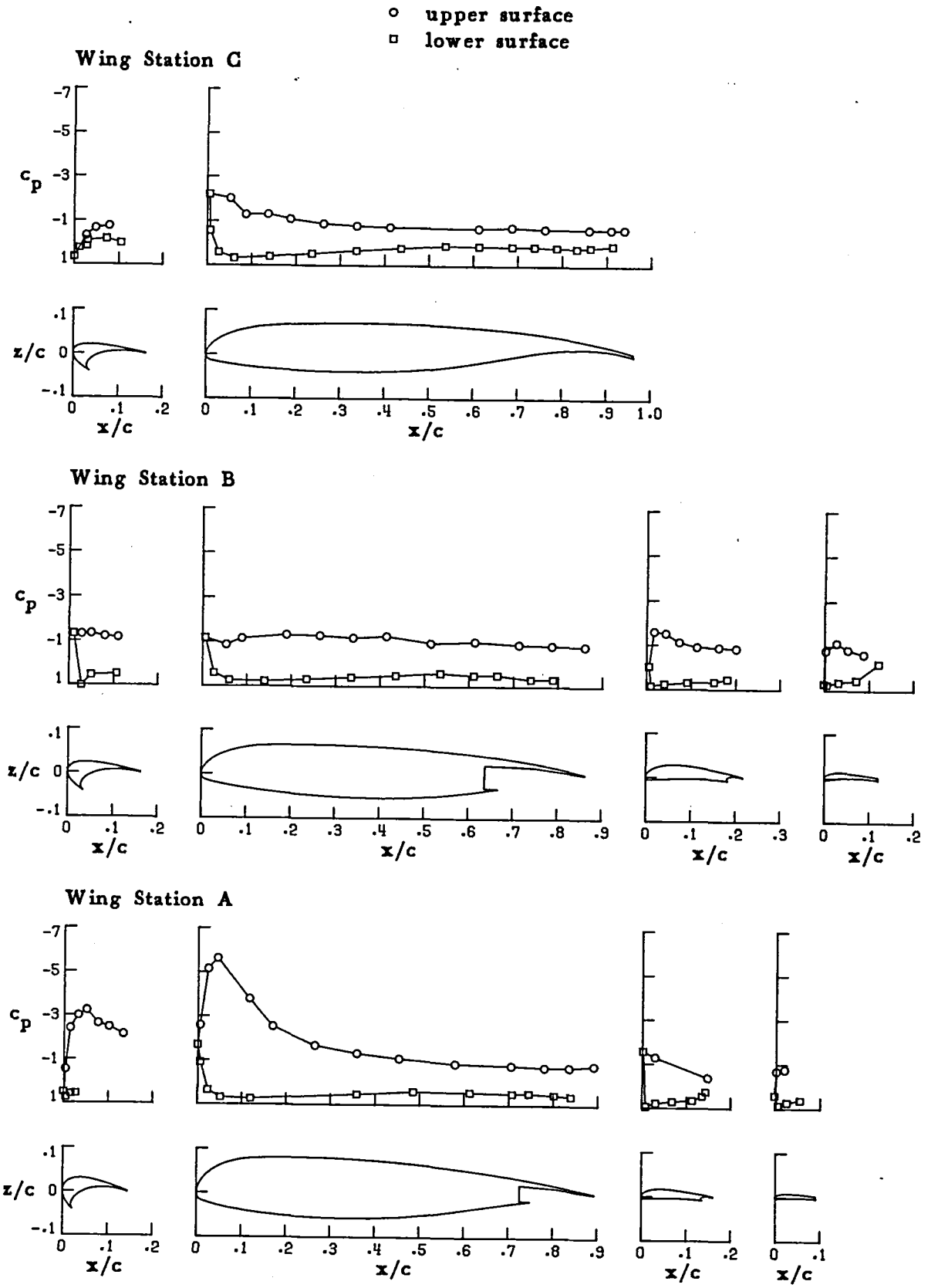
(i) α = 15.76

FIGURE 28. CONTINUED.



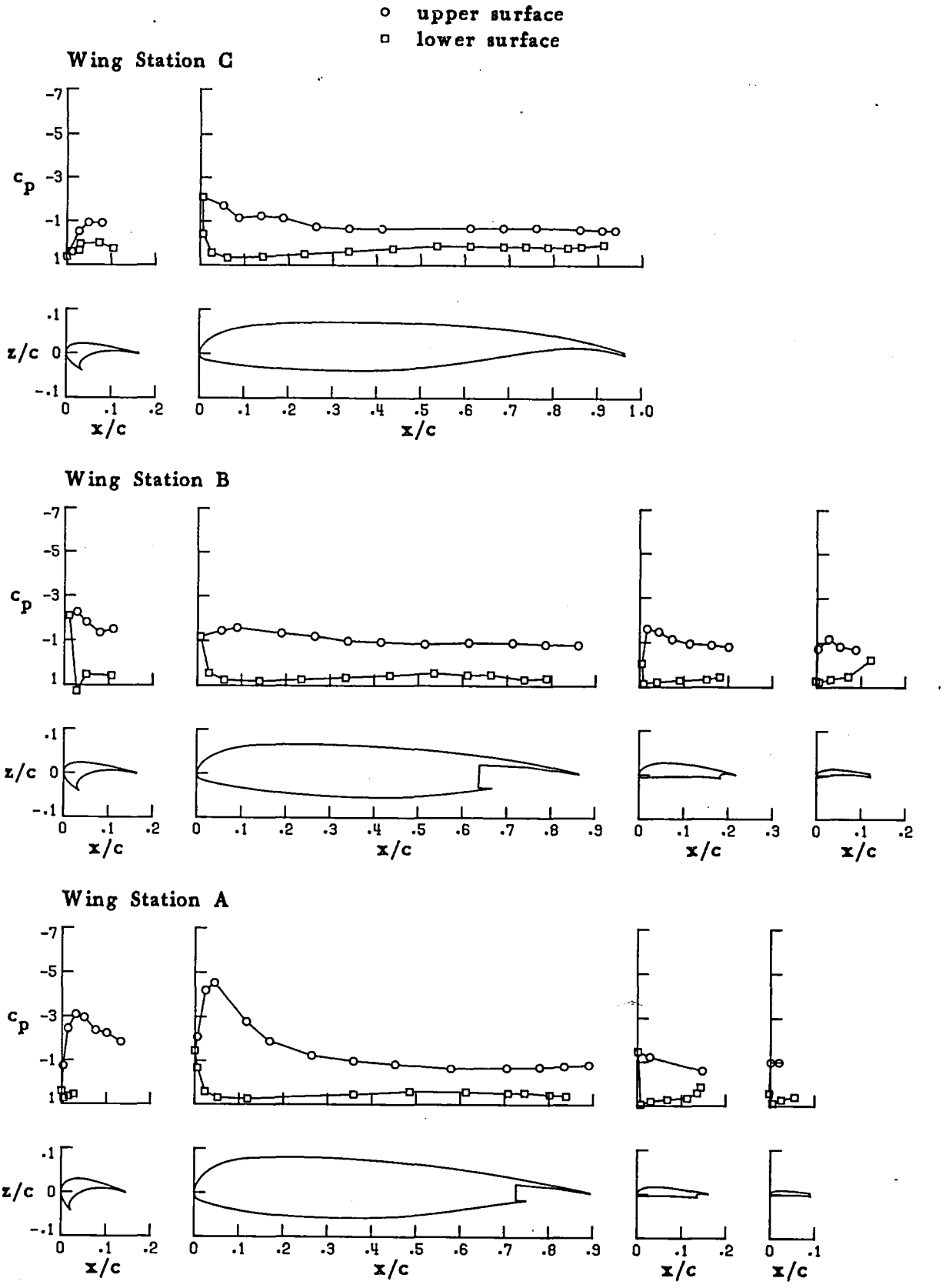
(j) α = 18.02

FIGURE 28. CONTINUED.



(k) α = 20.70

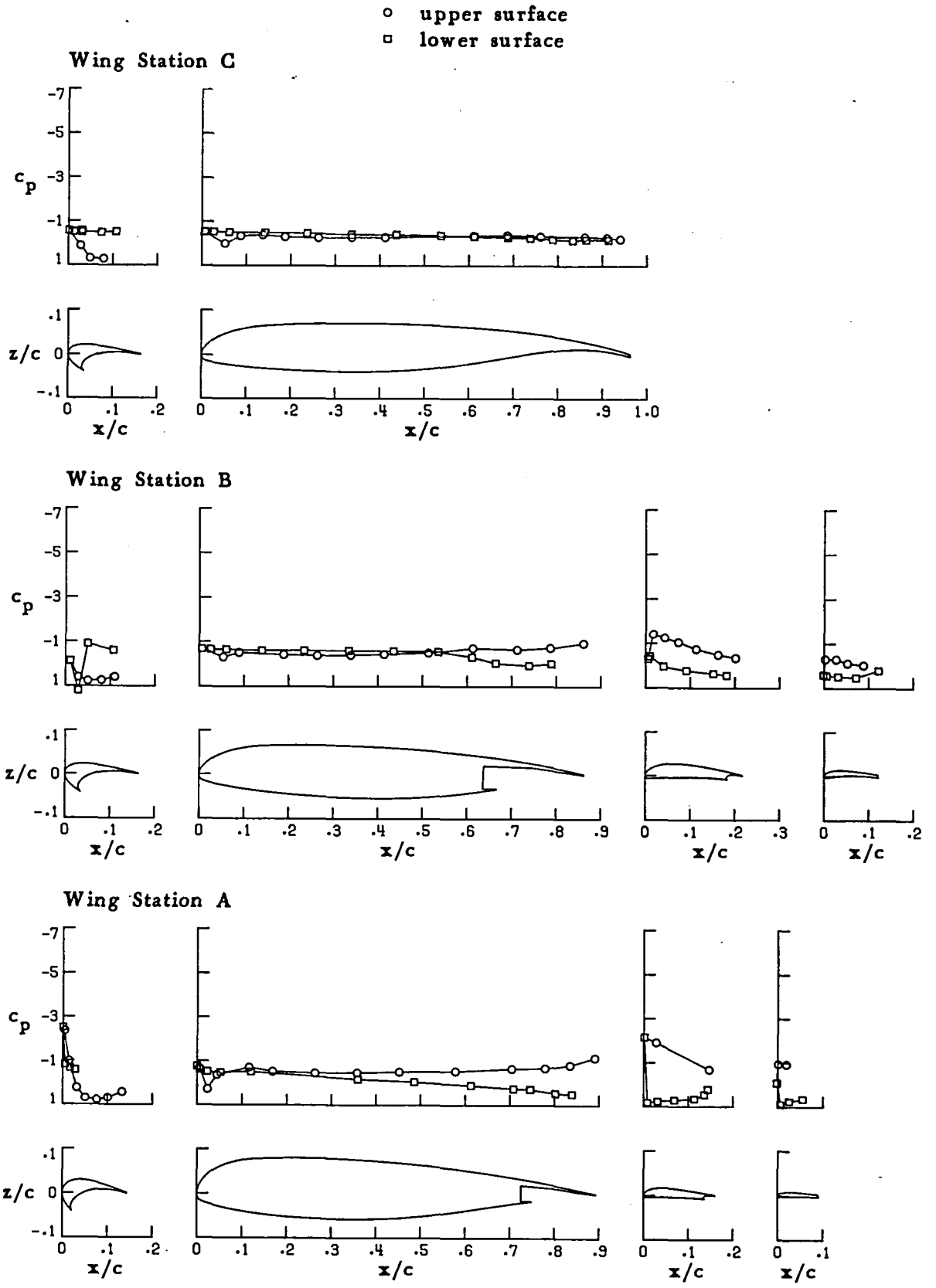
FIGURE 28. CONTINUED.



(1) α = 24.80

FIGURE 28. CONCLUDED.

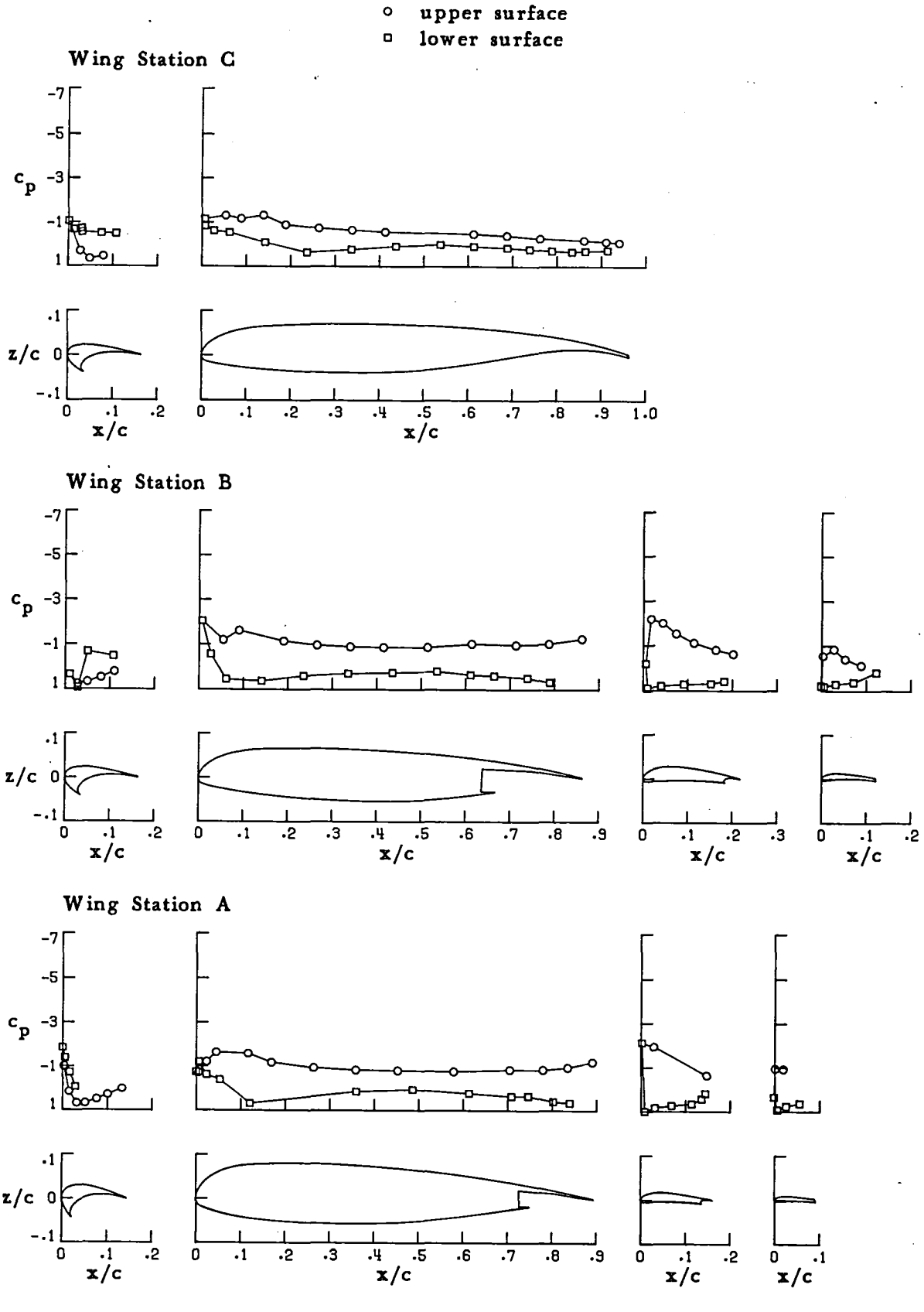
TEST = 496 RUN = 216 POINT = 25



(a) α = -6.09

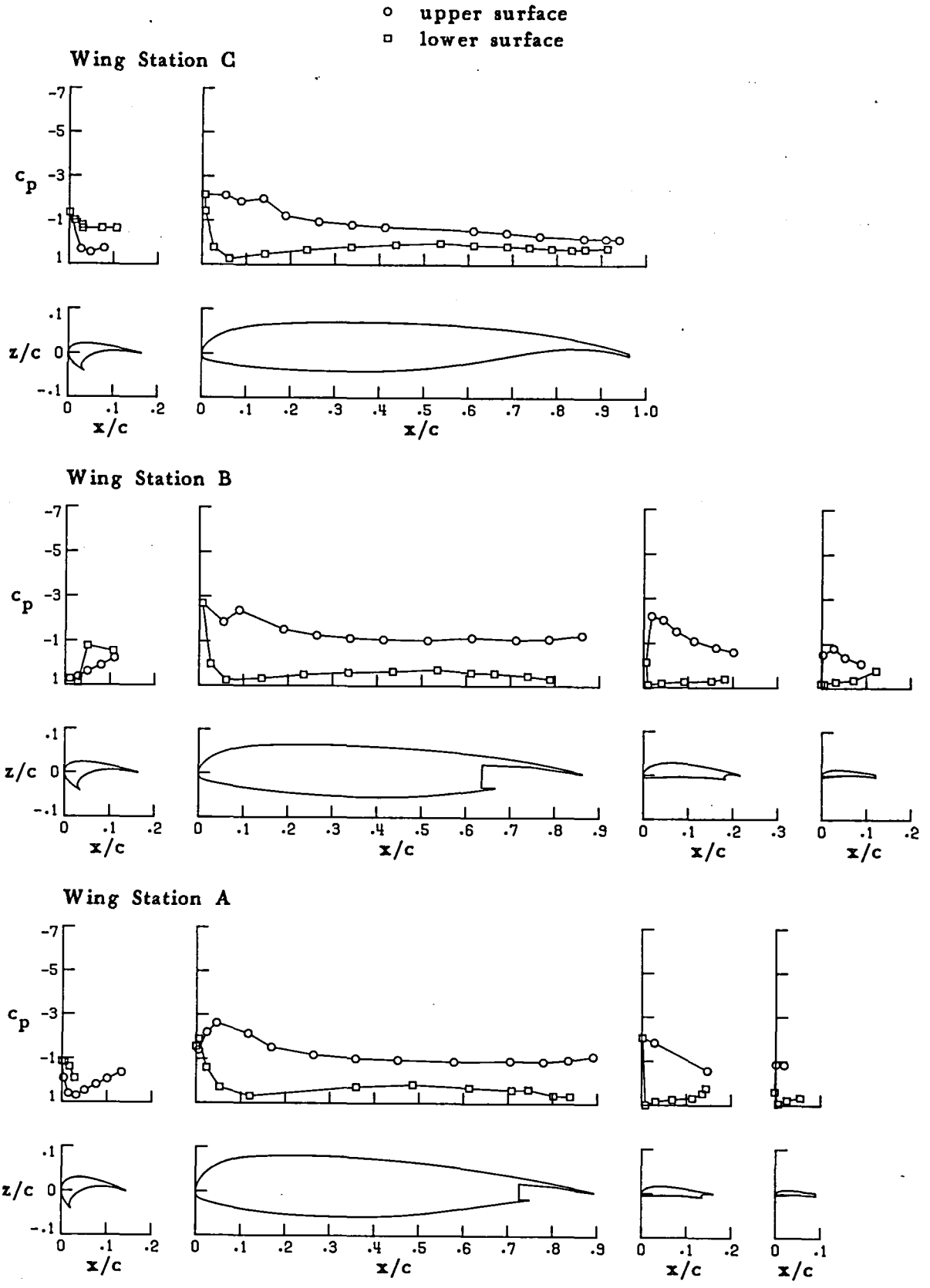
FIGURE 29. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 228.

TEST = 496 RUN = 228 POINT = 4



(b) α = .29

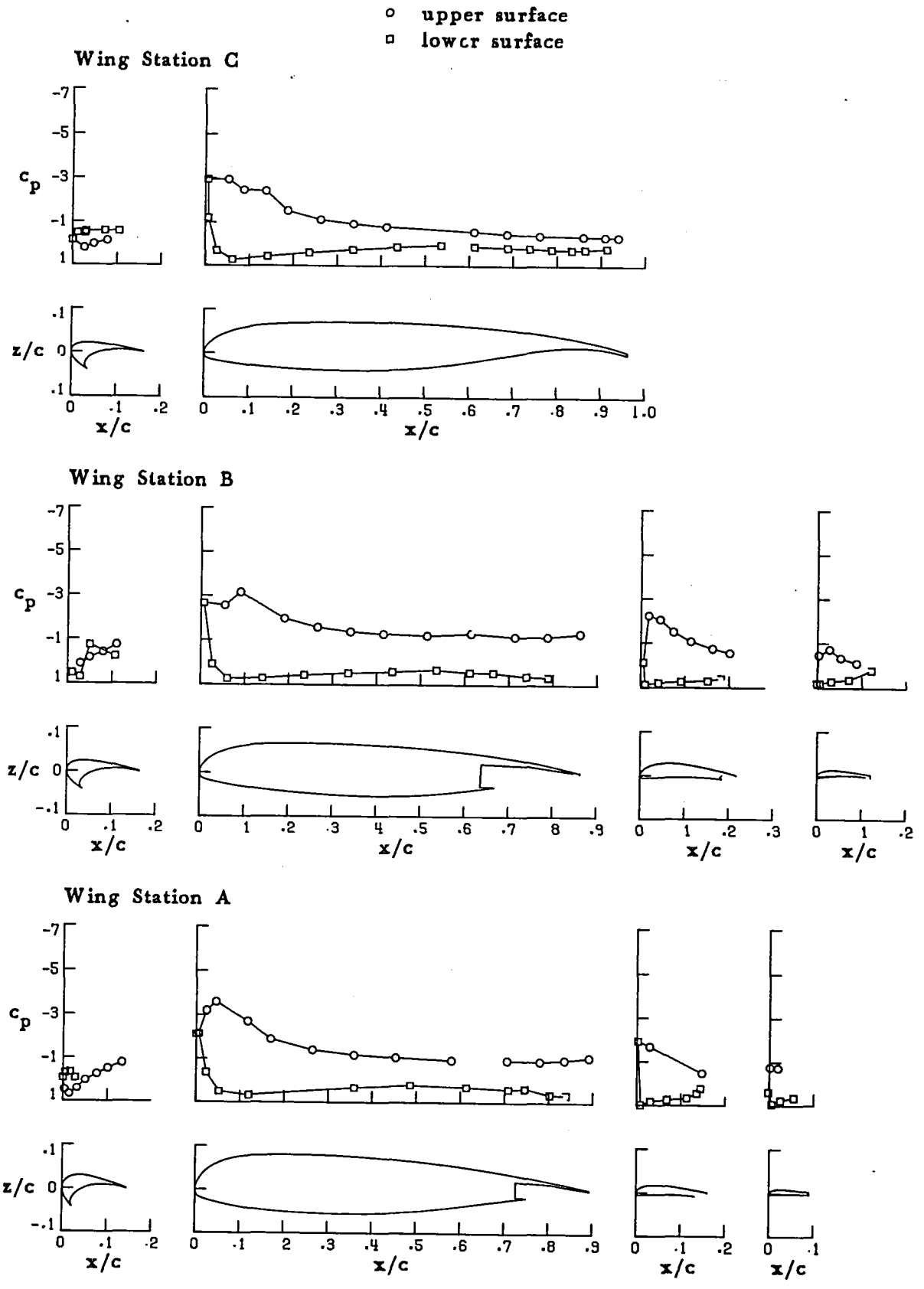
FIGURE 29. CONTINUED.



(c) α = 4.61

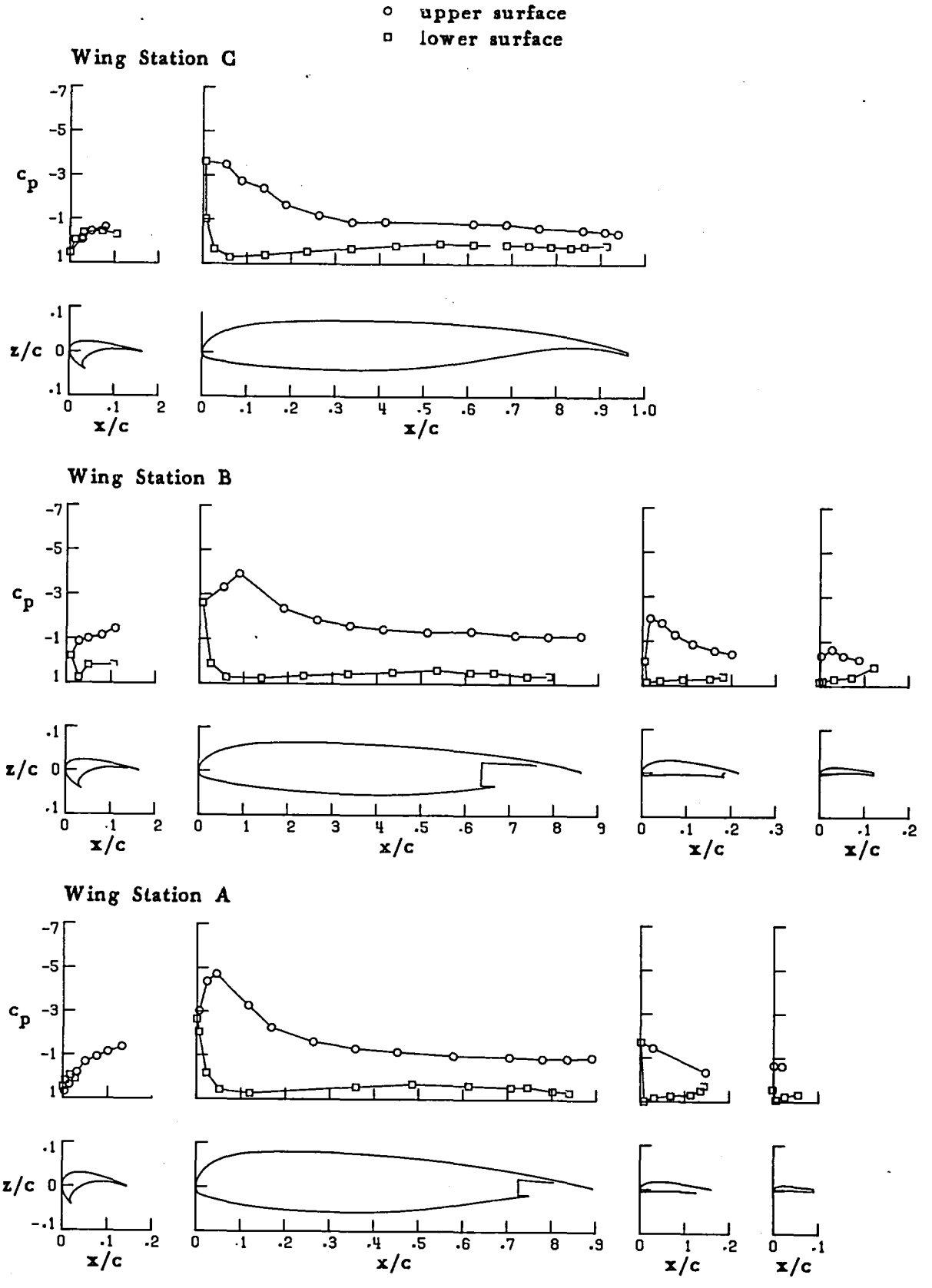
FIGURE 29. CONTINUED.

TEST = 458 RUN = 228 POINT = 9



(d) α = 8.66

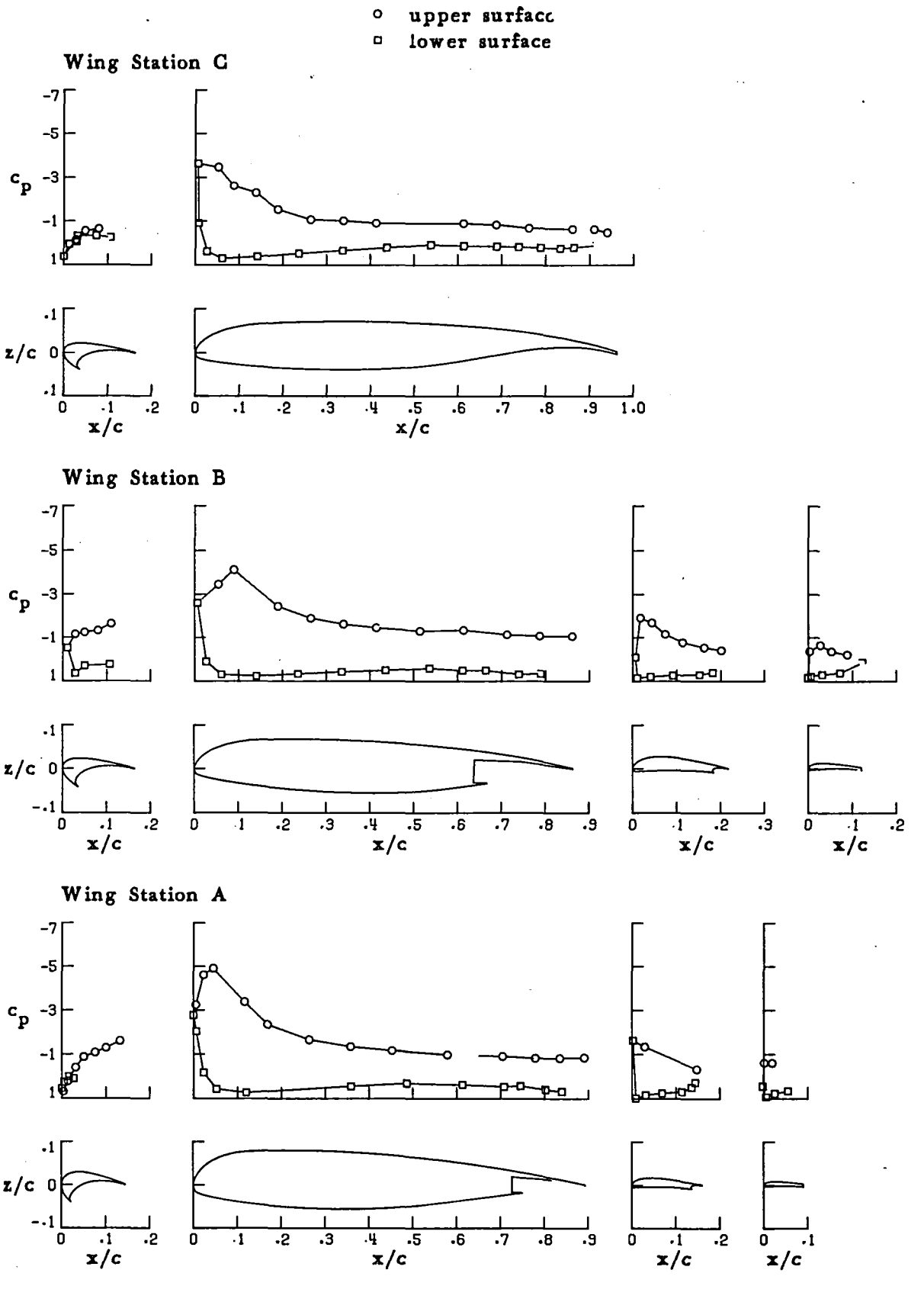
FIGURE 29. CONTINUED.



(e) α = 12.85

FIGURE 29 CONTINUED.

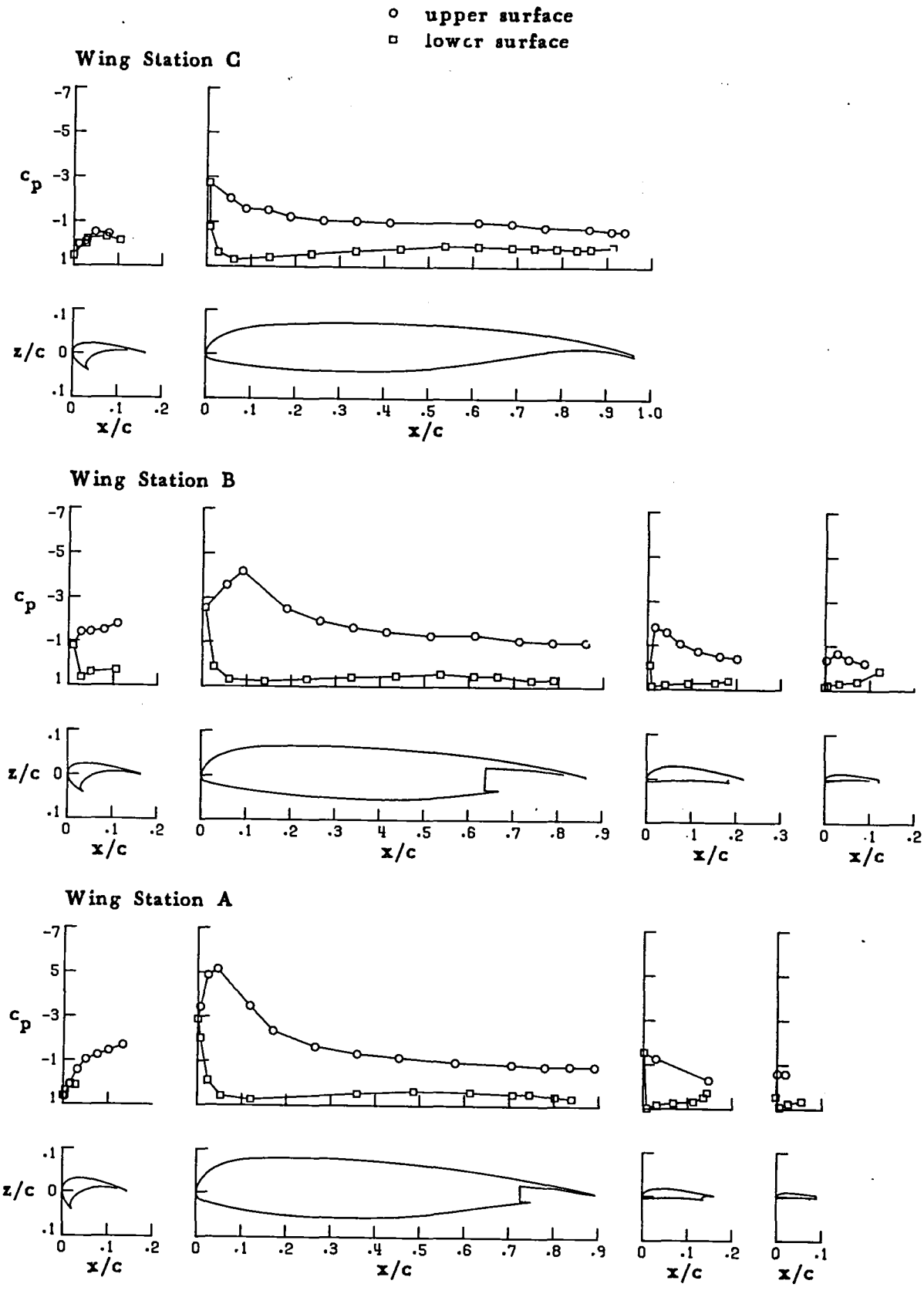
T ST = 456 RUN = 228 POINT = 13



(f) α = 13.78

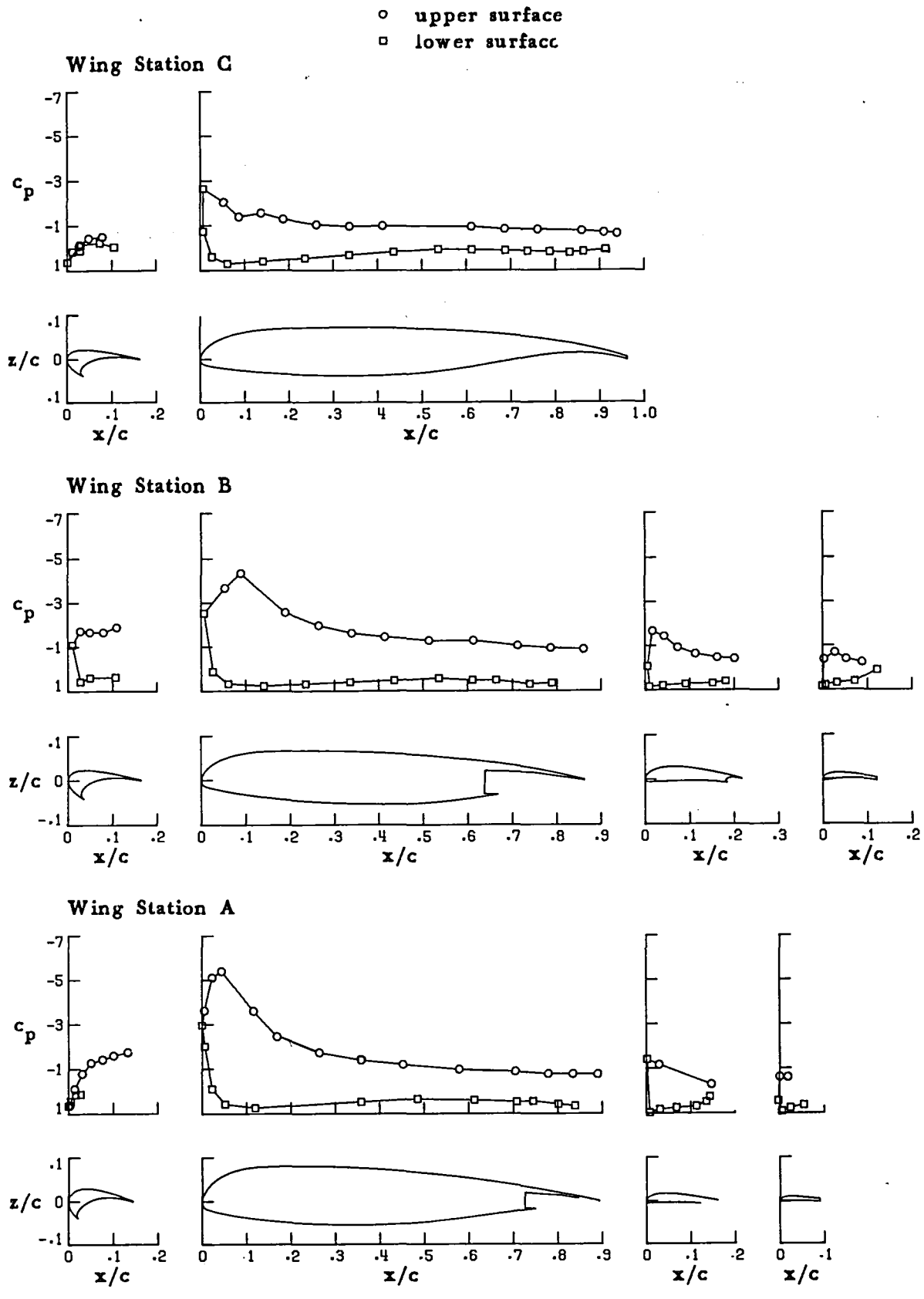
FIGURE 29. CONTINUED.

TEST = 496 RUN = 228 POINT = 14



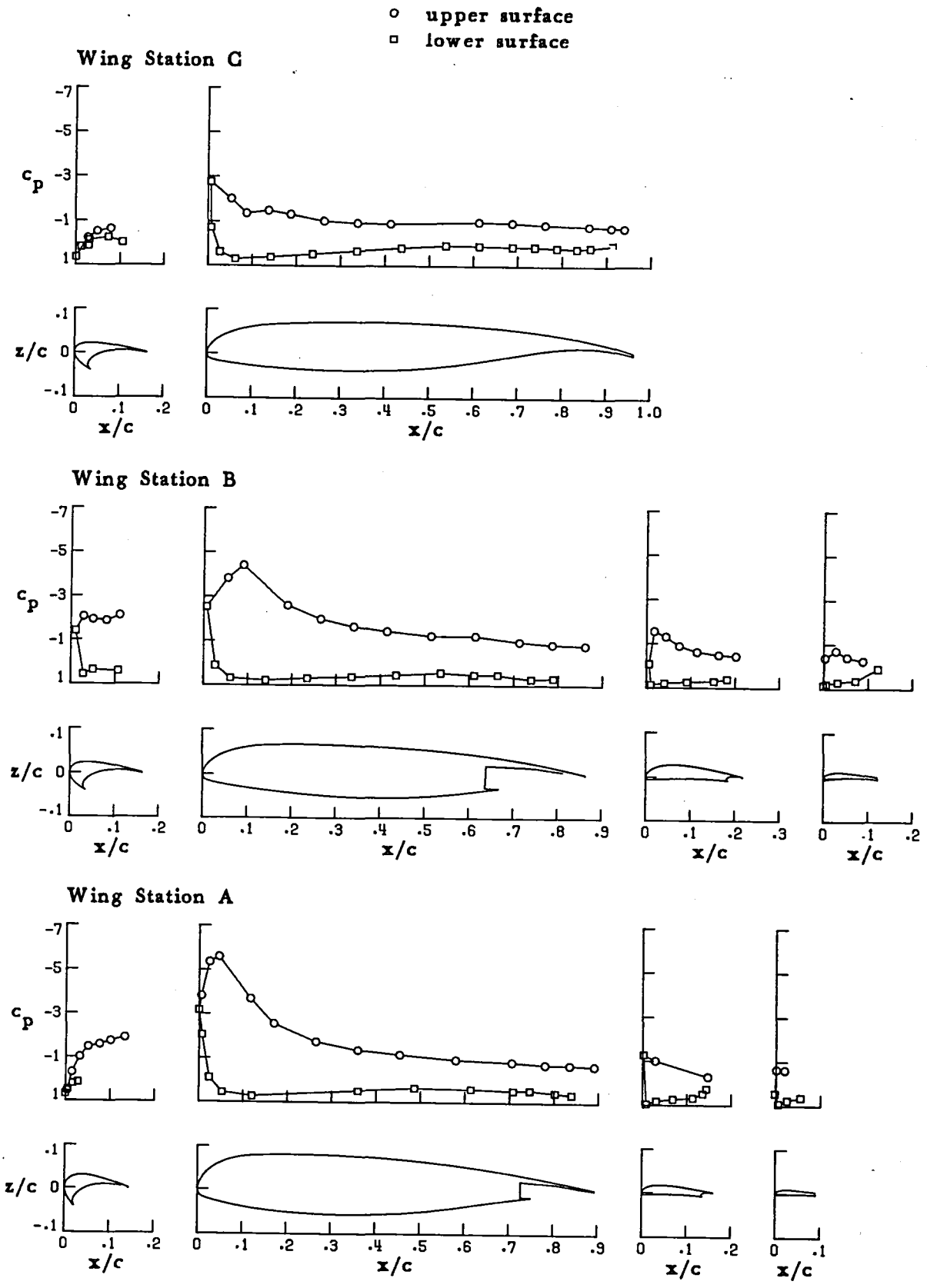
(g) α = 14.89

FIGURE 29. CONTINUED.



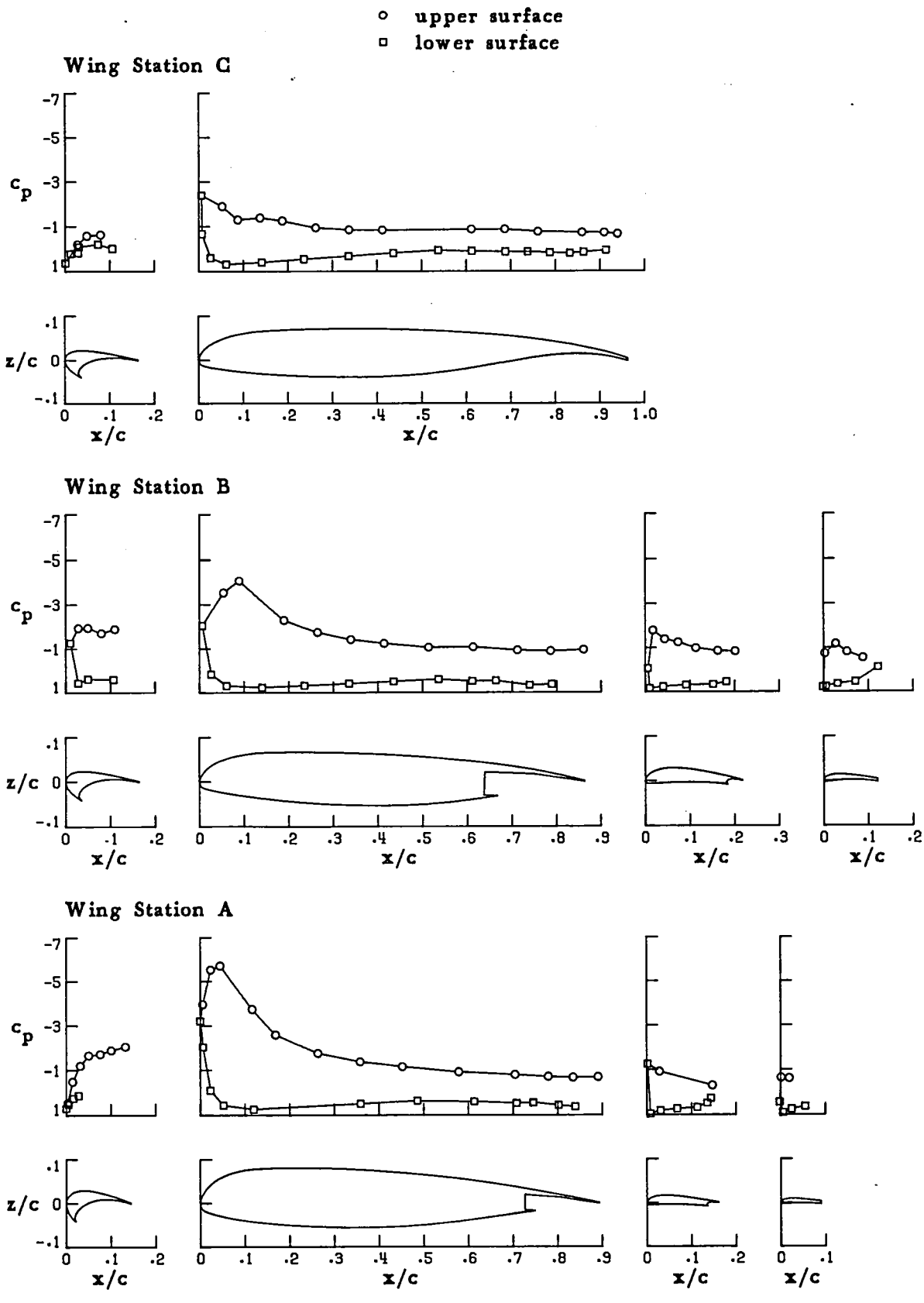
(h) α = 15.80

FIGURE 29. CONTINUED.



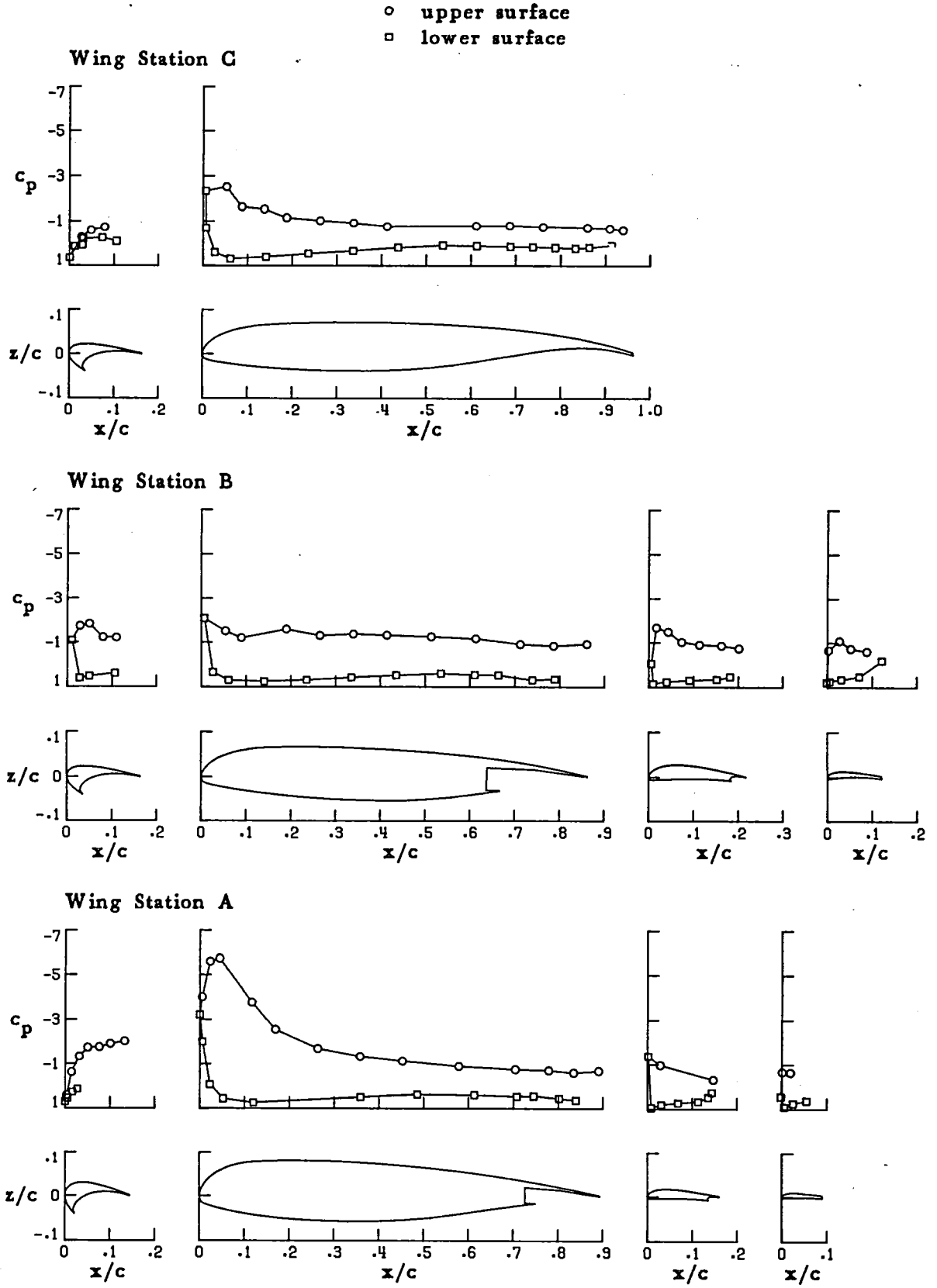
(i) α = 16.91

FIGURE 29. CONTINUED.



(j) α = 18.06

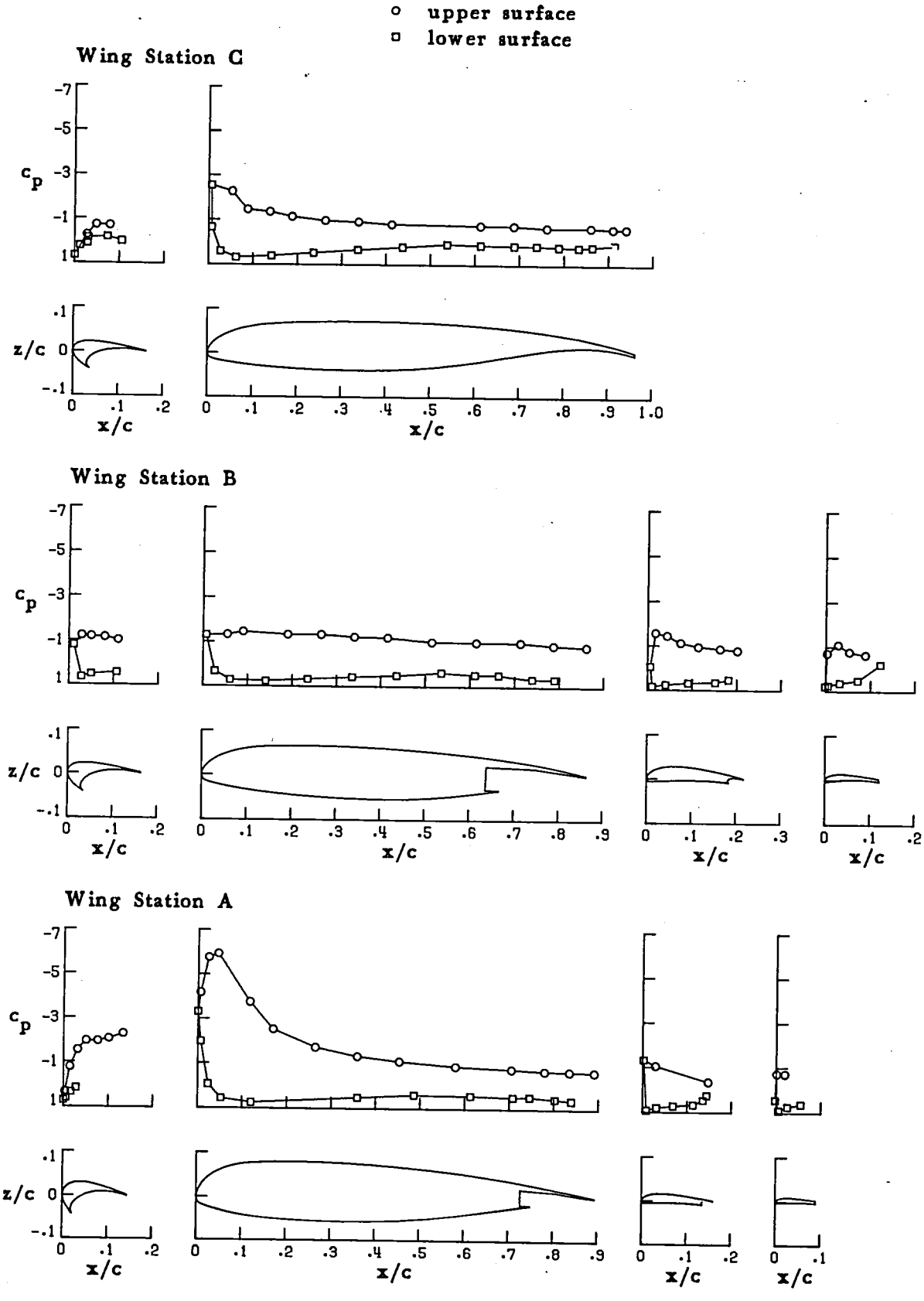
FIGURE 29. CONTINUED.



(k) α = 18.75

FIGURE 29. CONTINUED.

TEST = 436 RUN = 228 POINT = 19



(1) α = 19.97

FIGURE 29. CONTINUED.

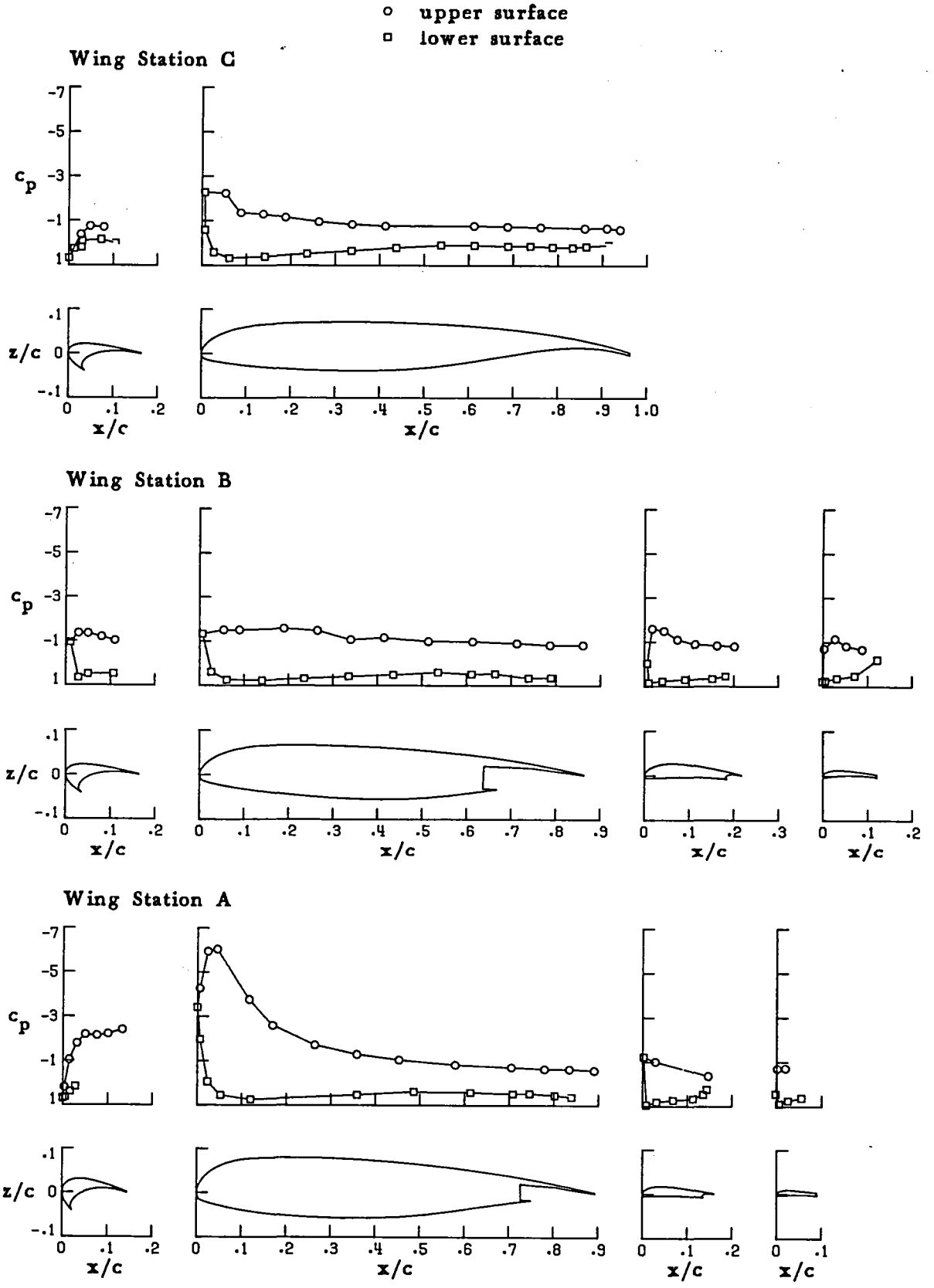
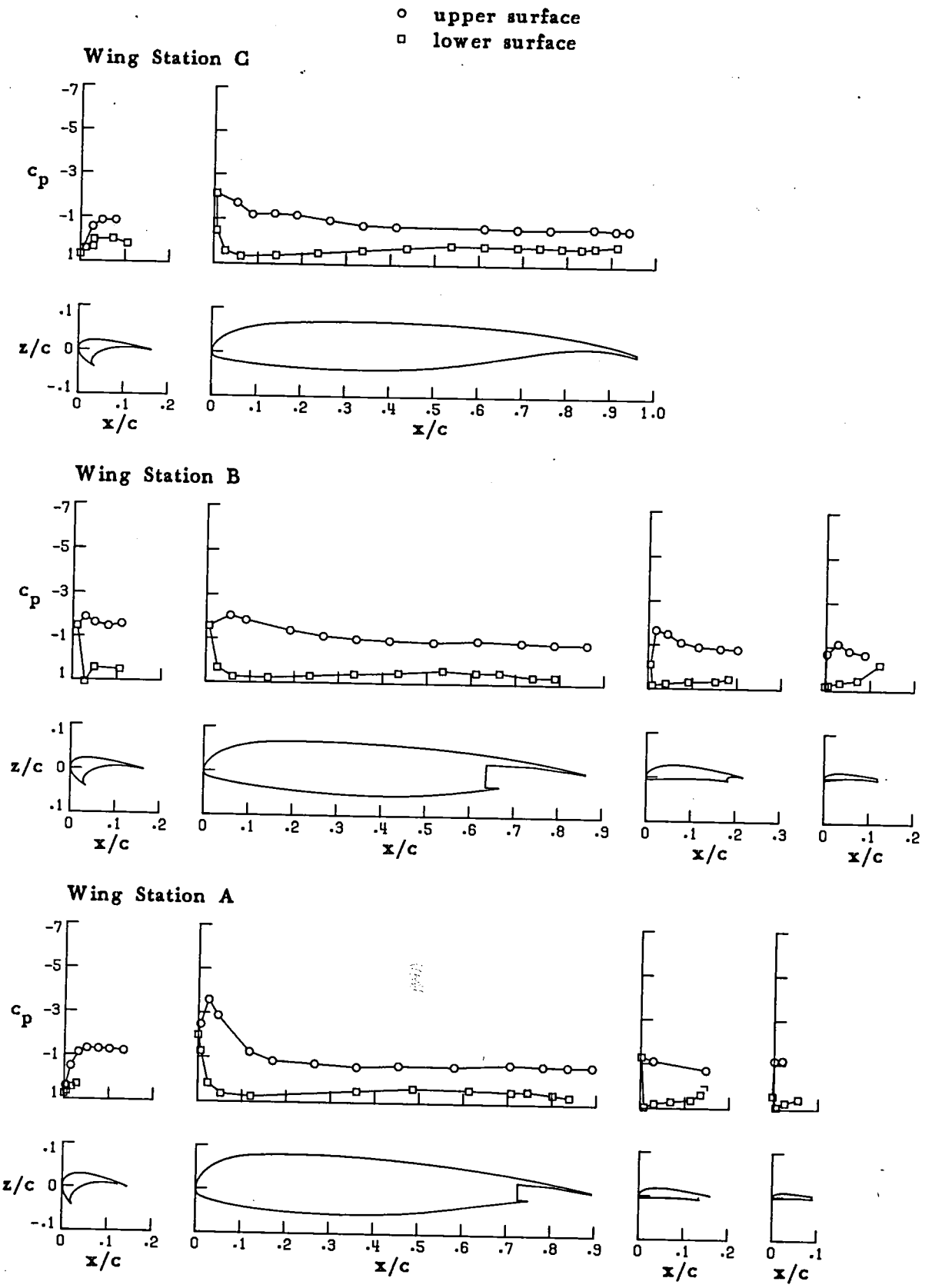


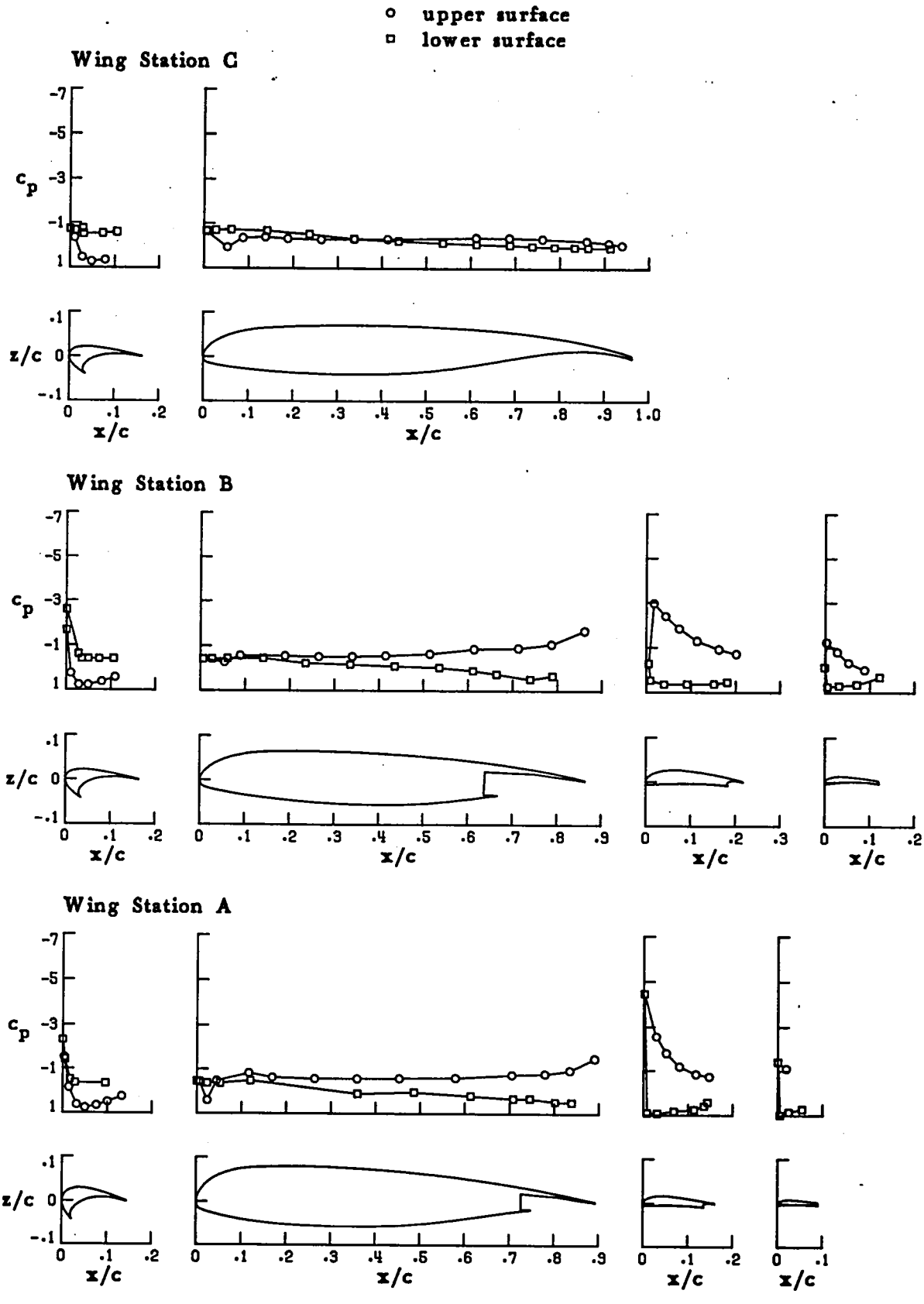
FIGURE 29. CONTINUED.



(n) α = 24.90

FIGURE 29. CONCLUDED.

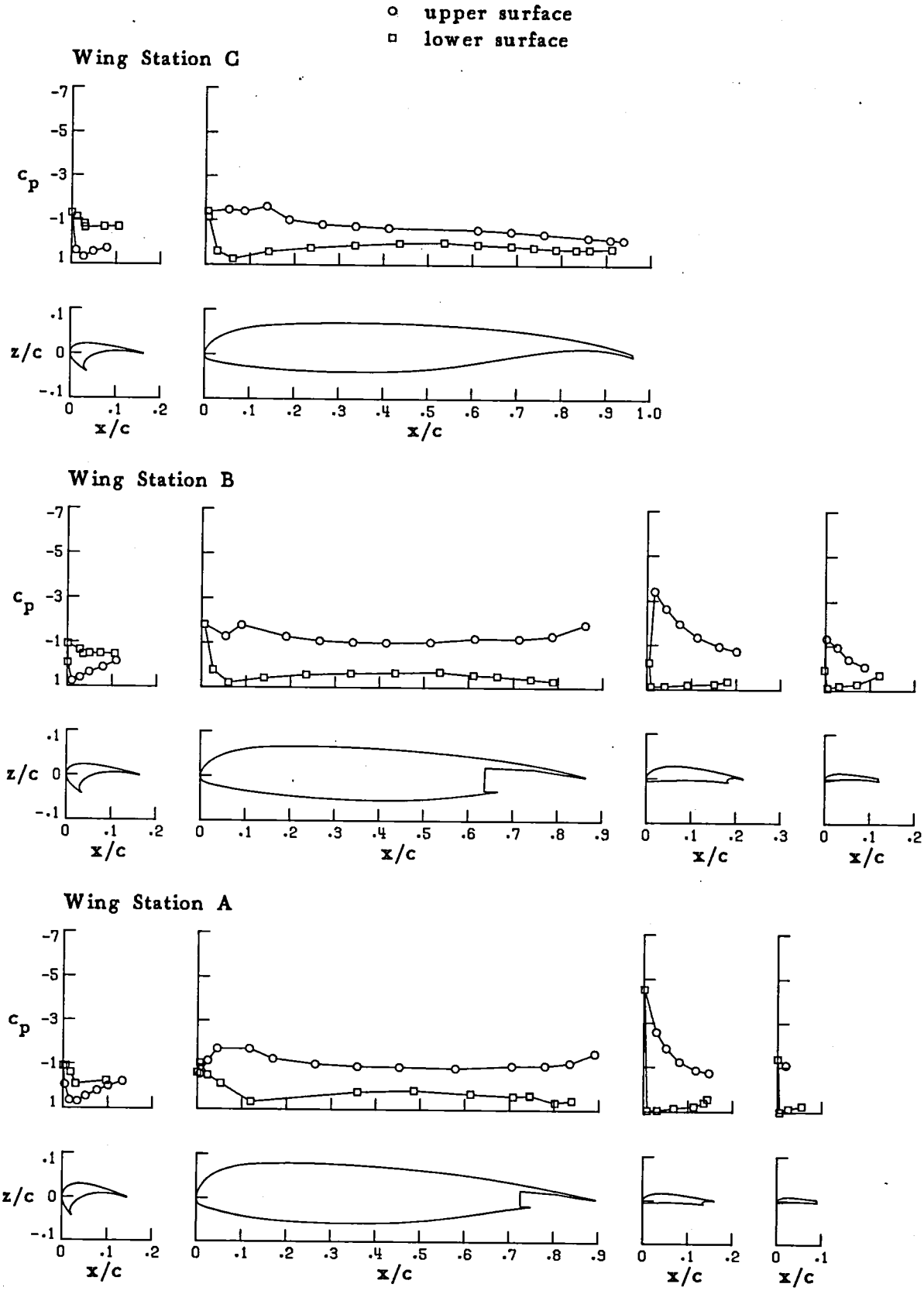
TEST = 436 RUN = 228 POINT = 24



(a) α = -5.70

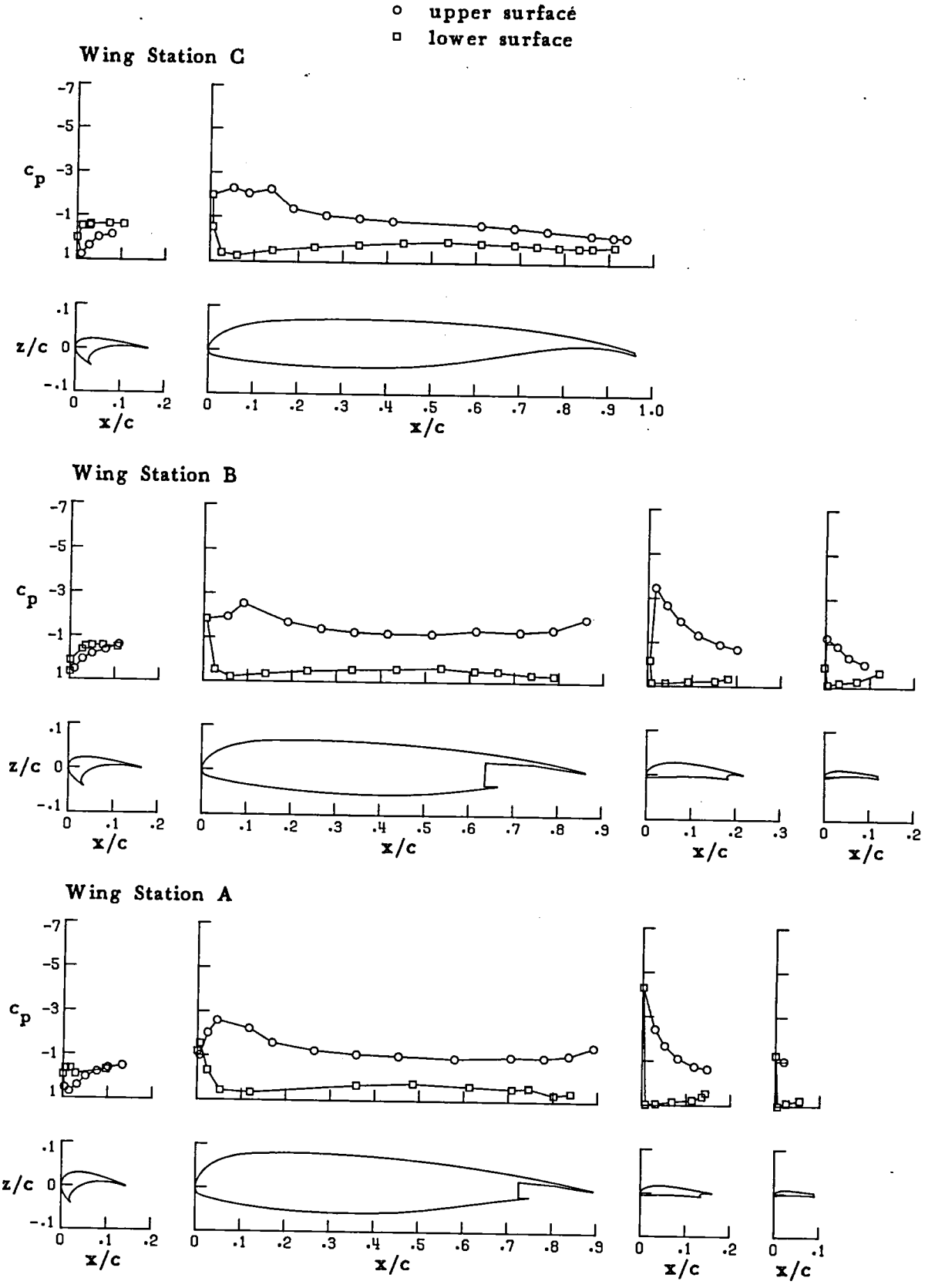
FIGURE 30. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 139.

TEST = 456 RUN = 139 POINT = 4



(b) α = .67

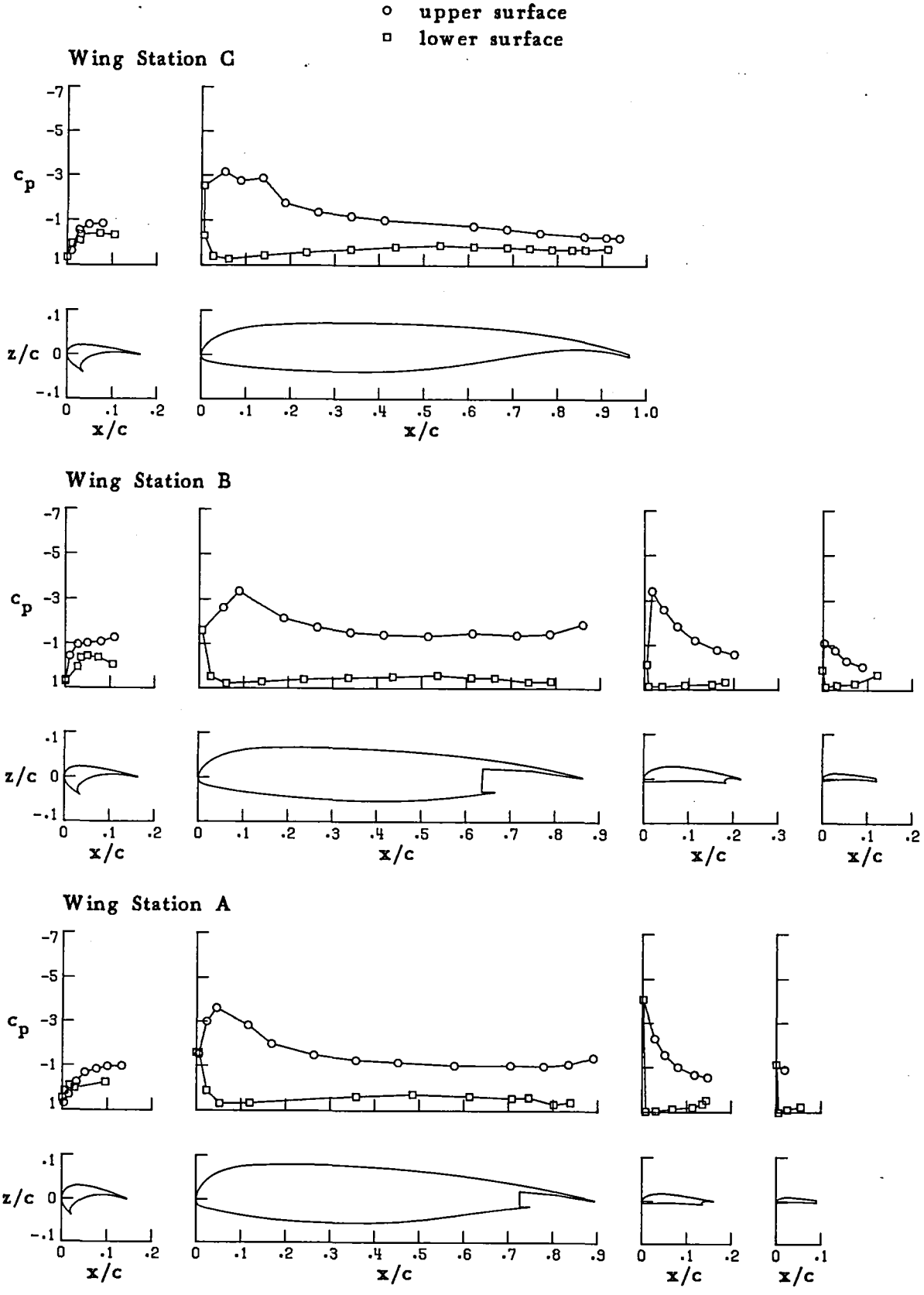
FIGURE 30. CONTINUED.



(c) α = 4.70

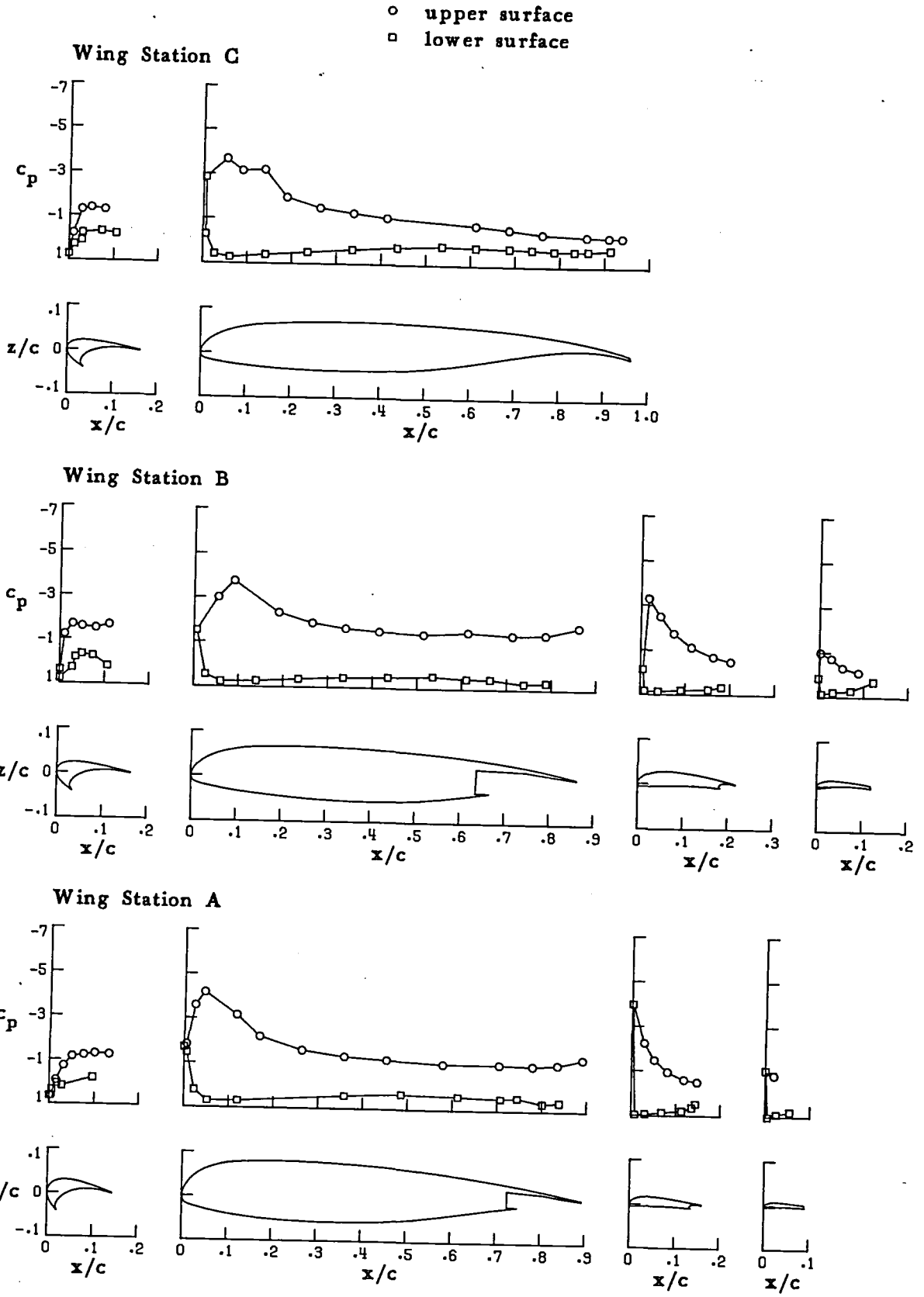
FIGURE 30. CONTINUED.

TEST = 496 RUN = 133 POINT = 9



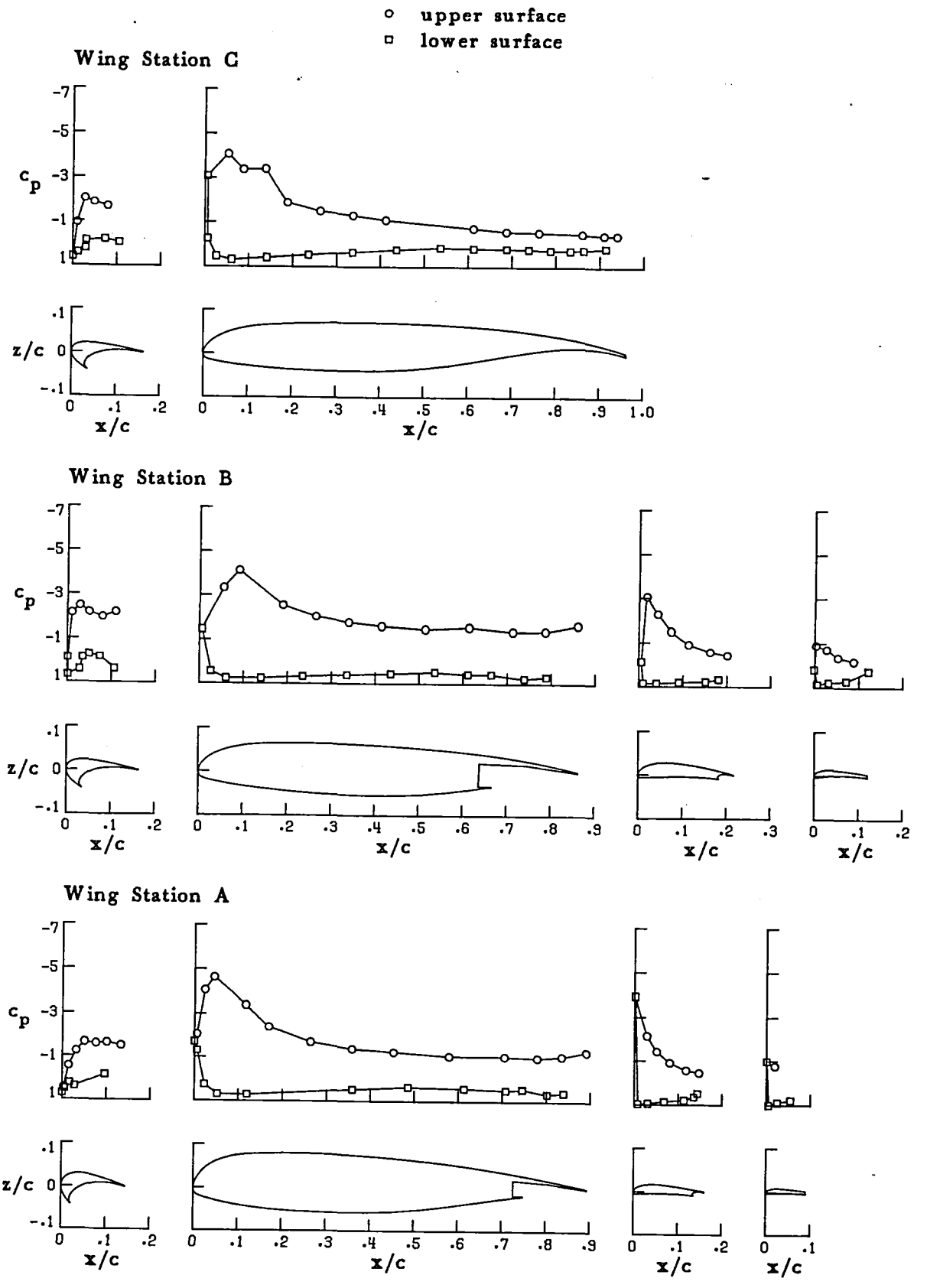
(d) α = 8.90

FIGURE 30. CONTINUED.



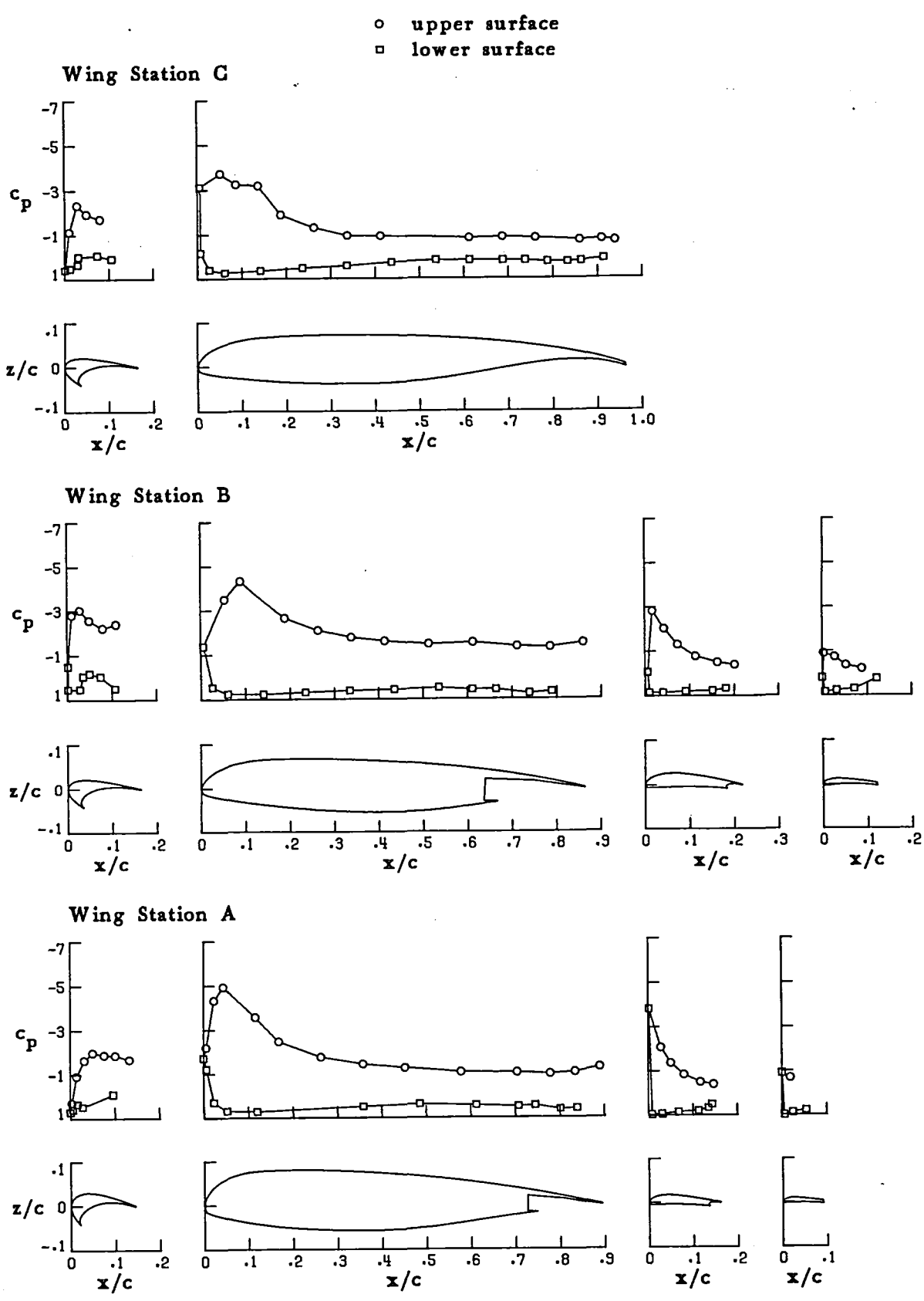
(e) α = 11.02

FIGURE 30. CONTINUED.



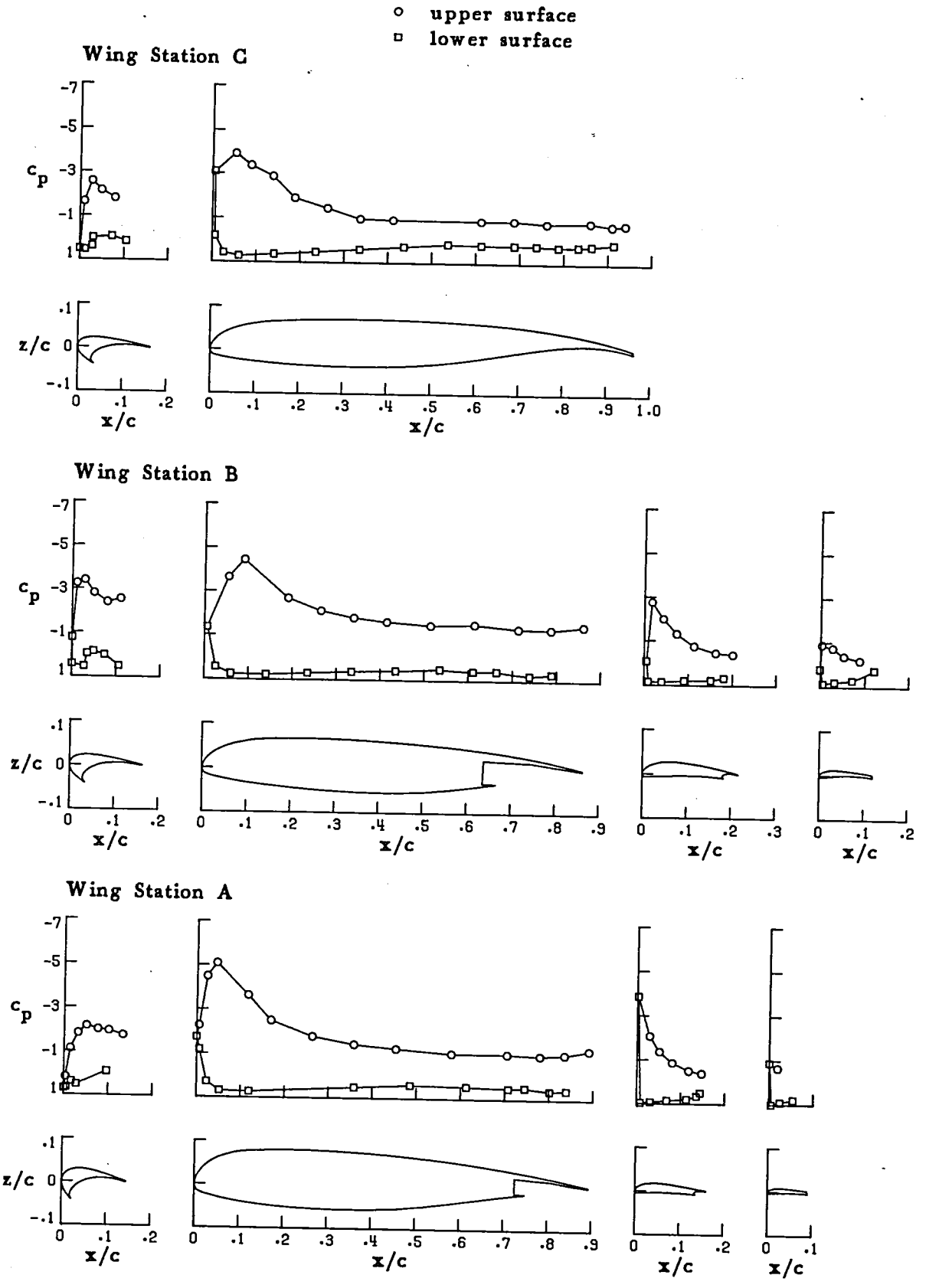
(f) α = 13.00

FIGURE 30. CONTINUED.



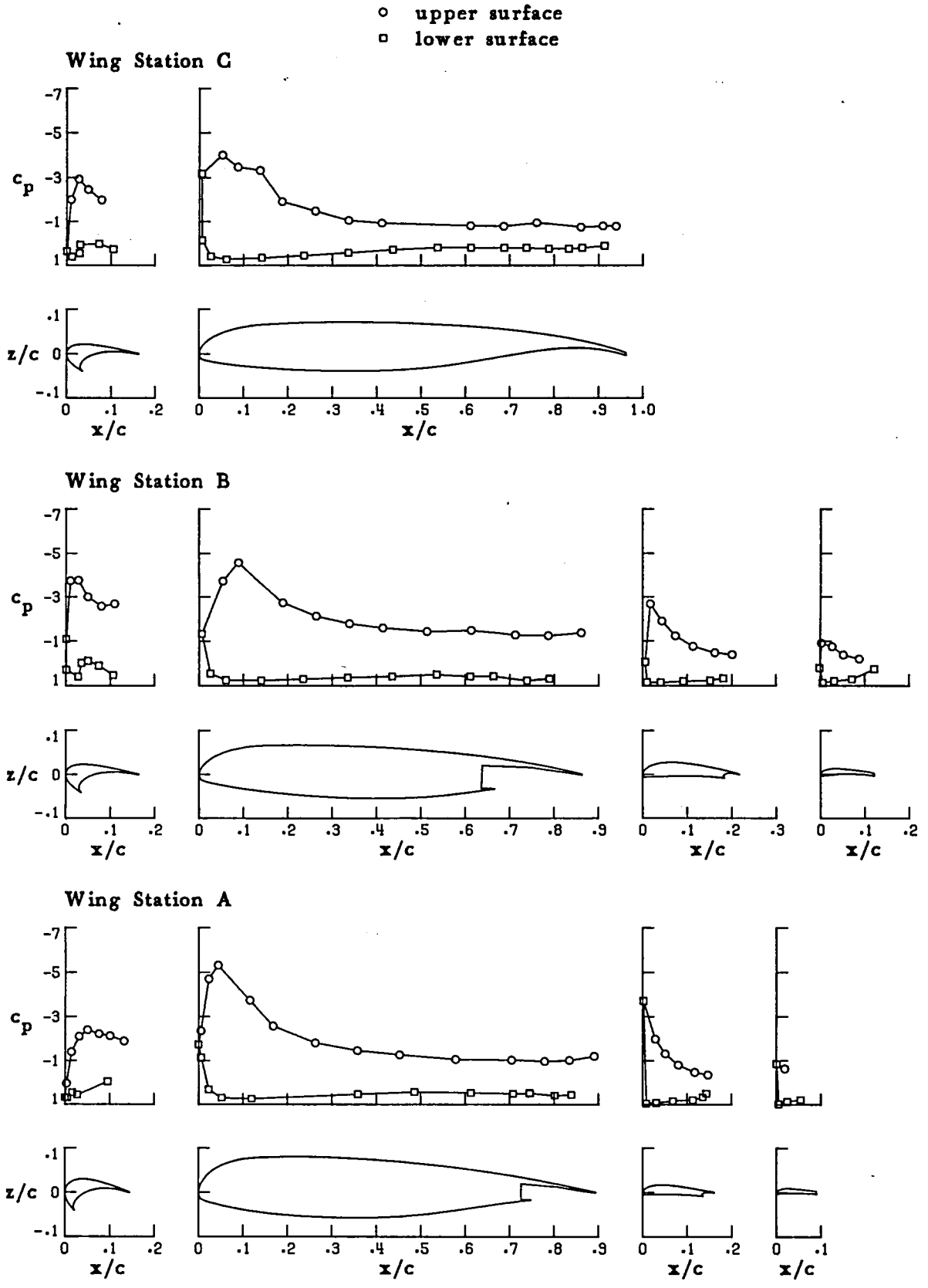
(g) α = 14.32

FIGURE 30. CONTINUED.



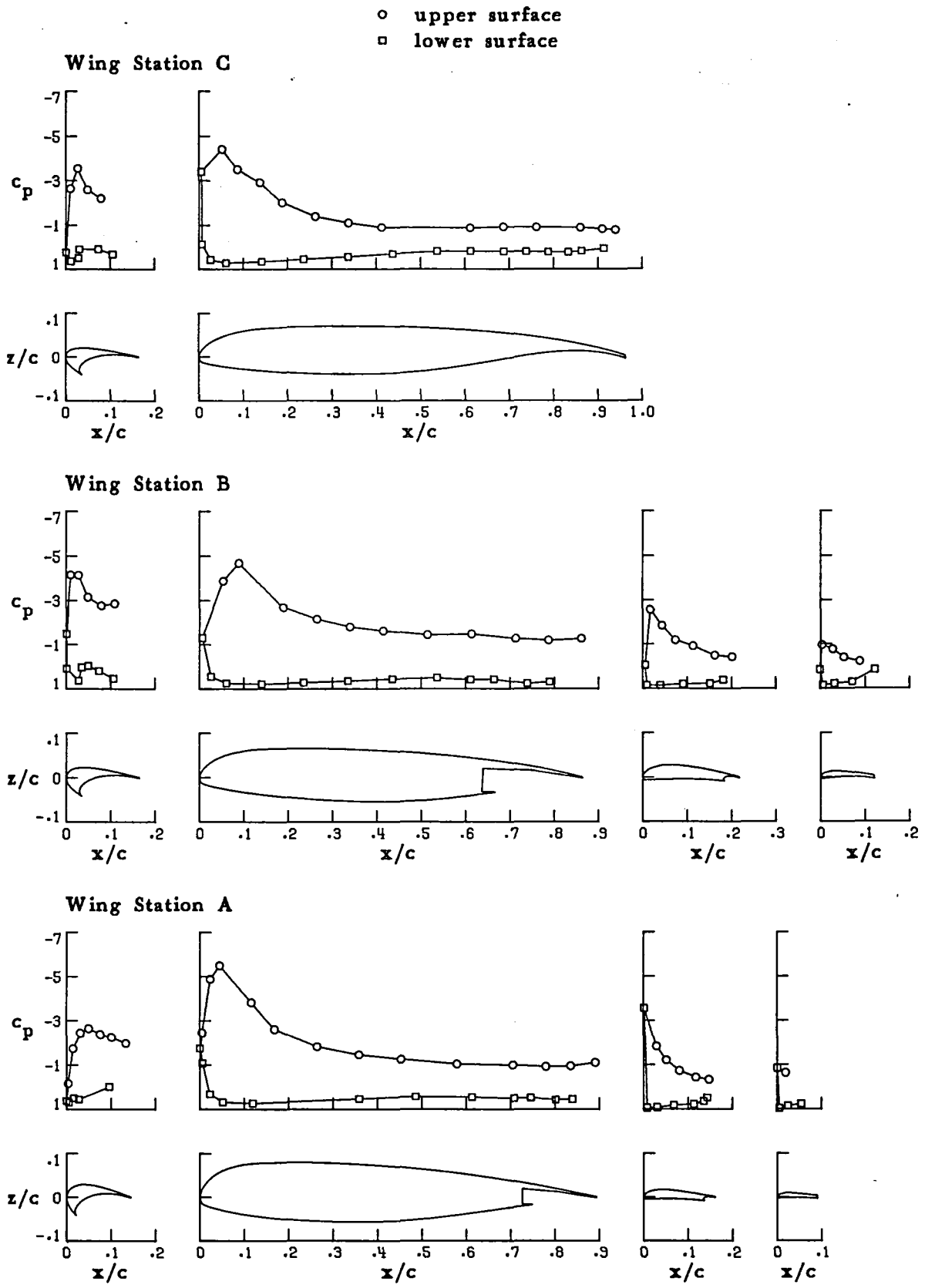
(h) α = 15.13

FIGURE 30. CONTINUED.



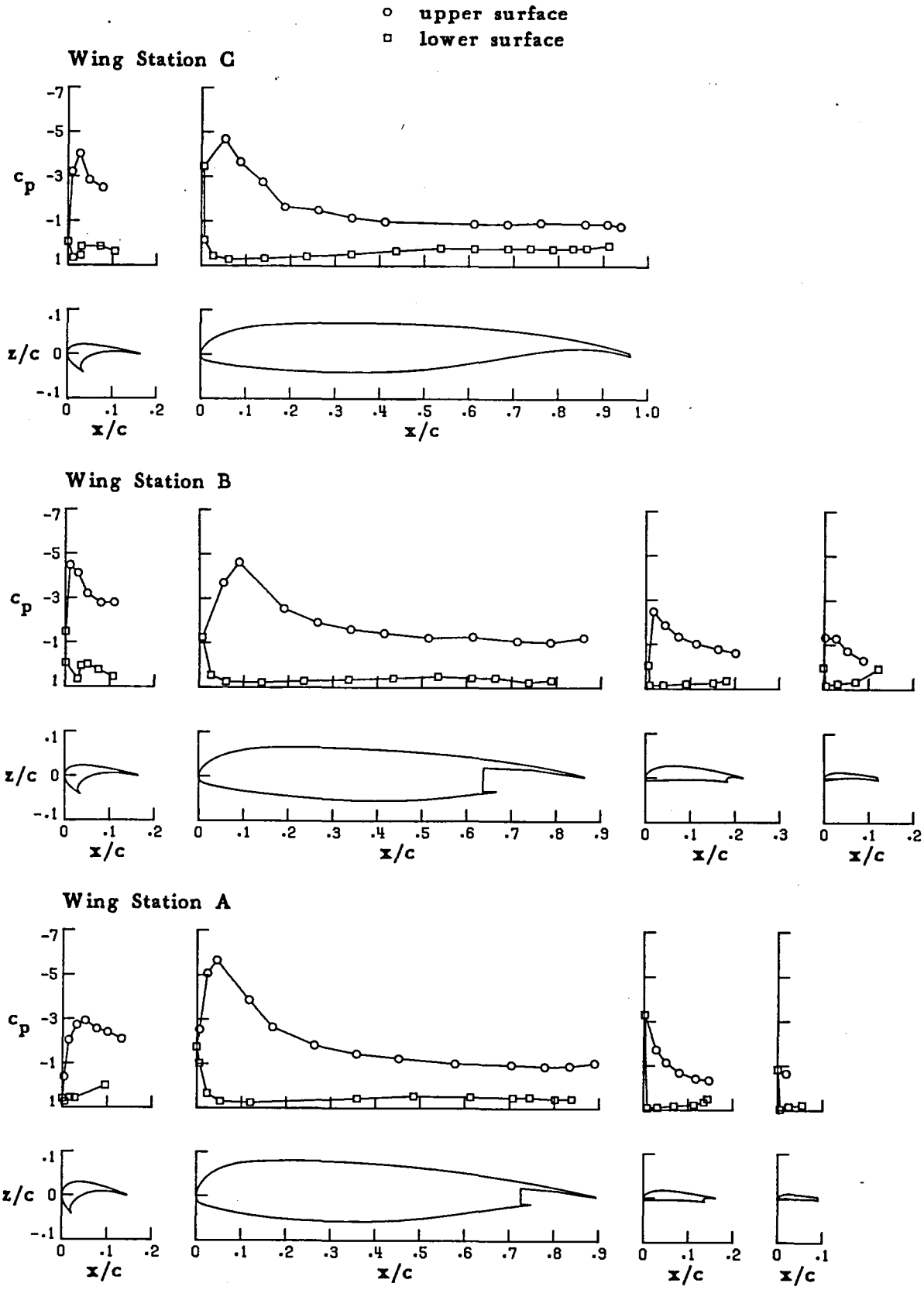
(i) α = 16.03

FIGURE 30. CONTINUED.



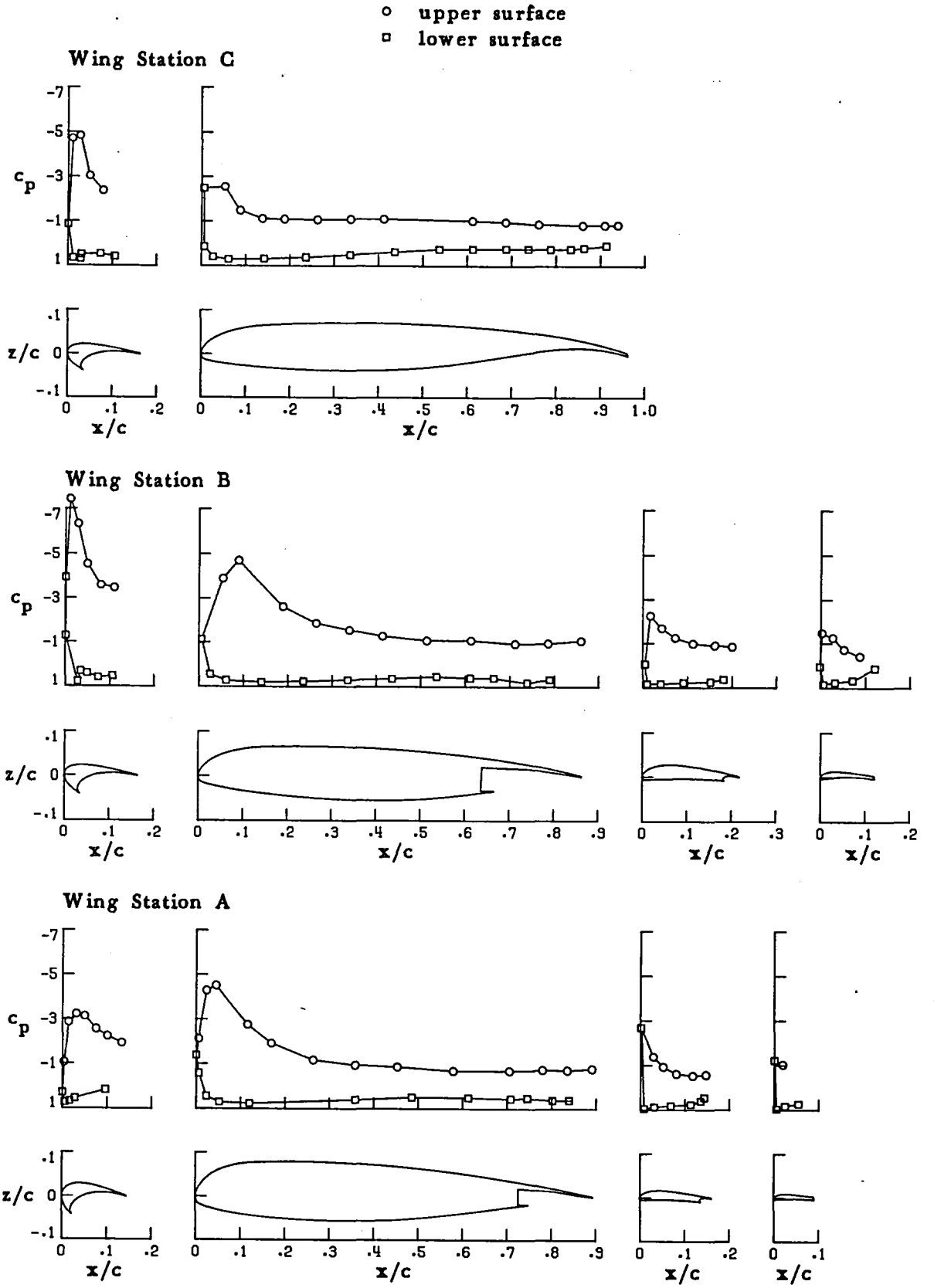
(j) α = 17.17

FIGURE 30. CONTINUED.



(k) α = 18.19

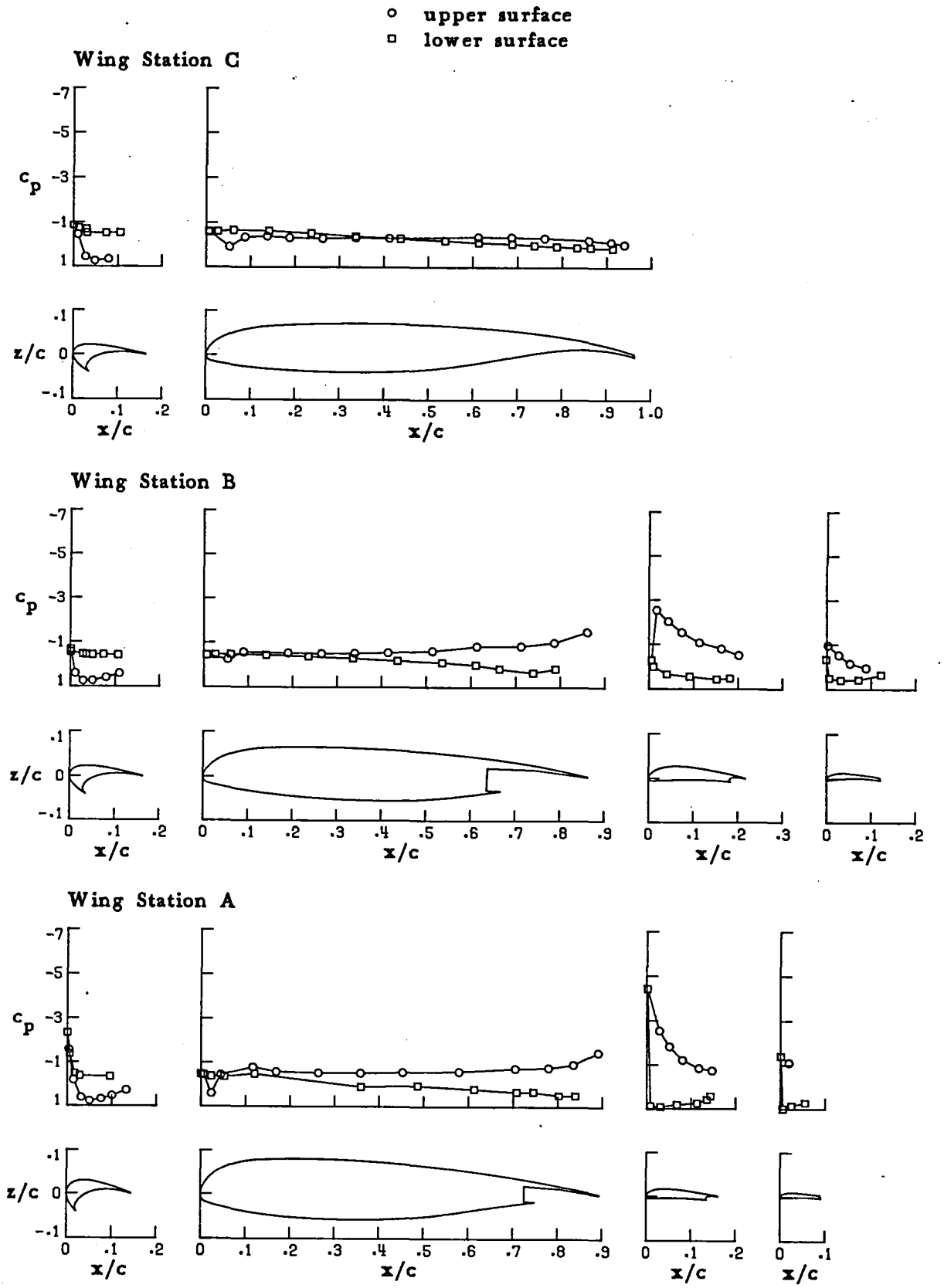
FIGURE 30. CONTINUED.



(1) α = 25.16

FIGURE 30. CONCLUDED.

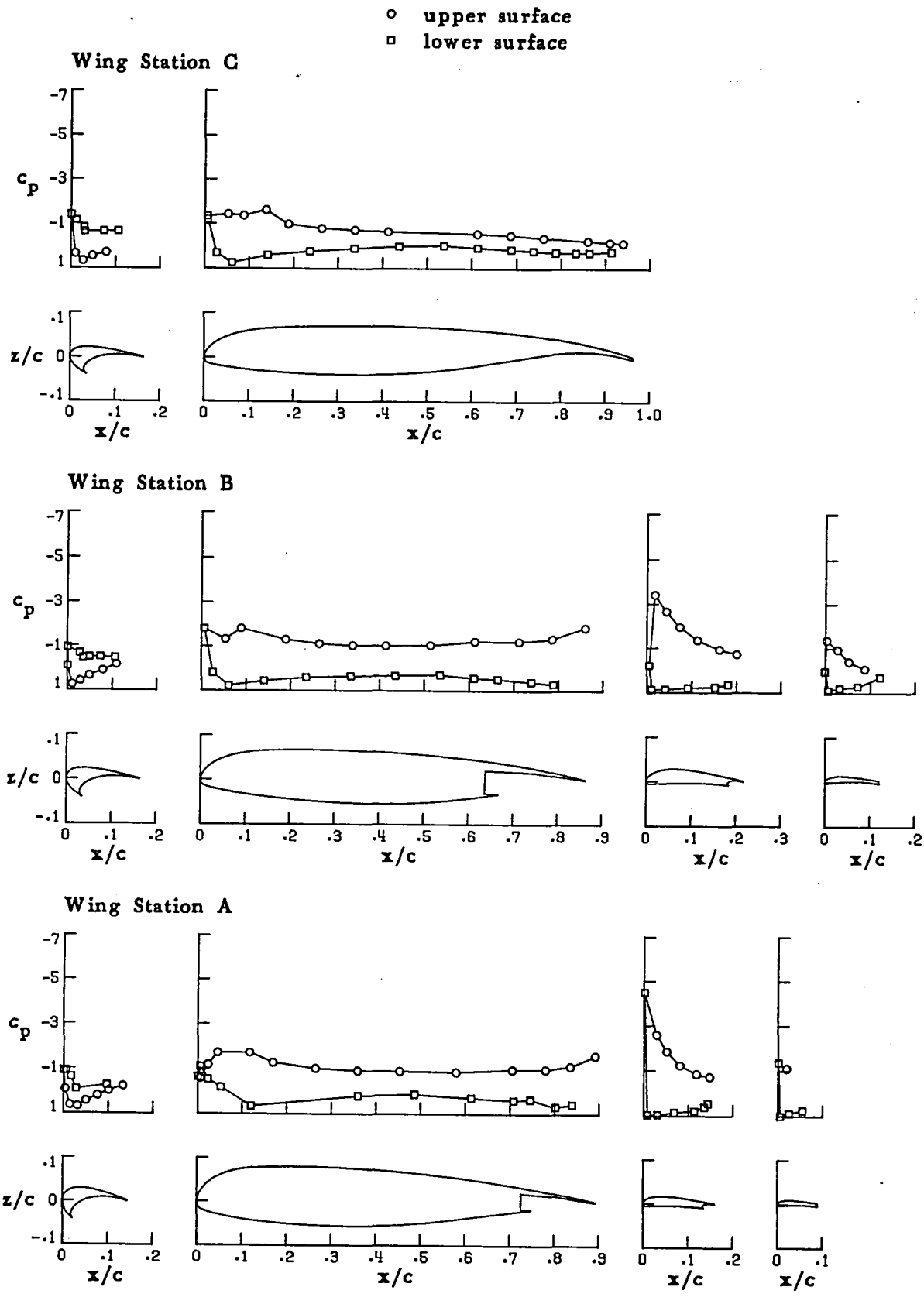
TEST = 496 RUN = 139 POINT = 29



(a) α = -5.94

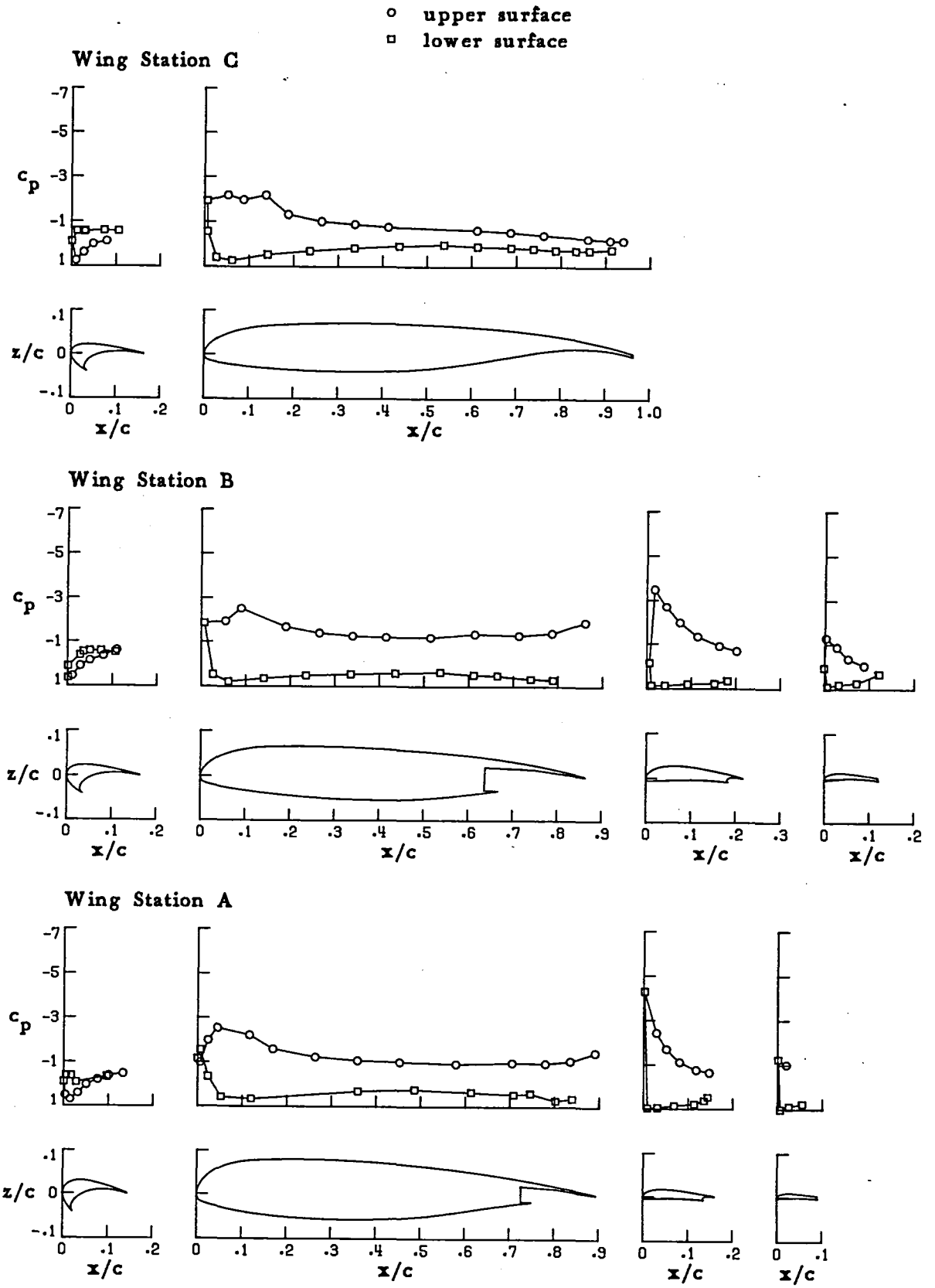
FIGURE 31. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 143.

TEST = 456 RUN = 143 POINT = 3



(b) α = .64

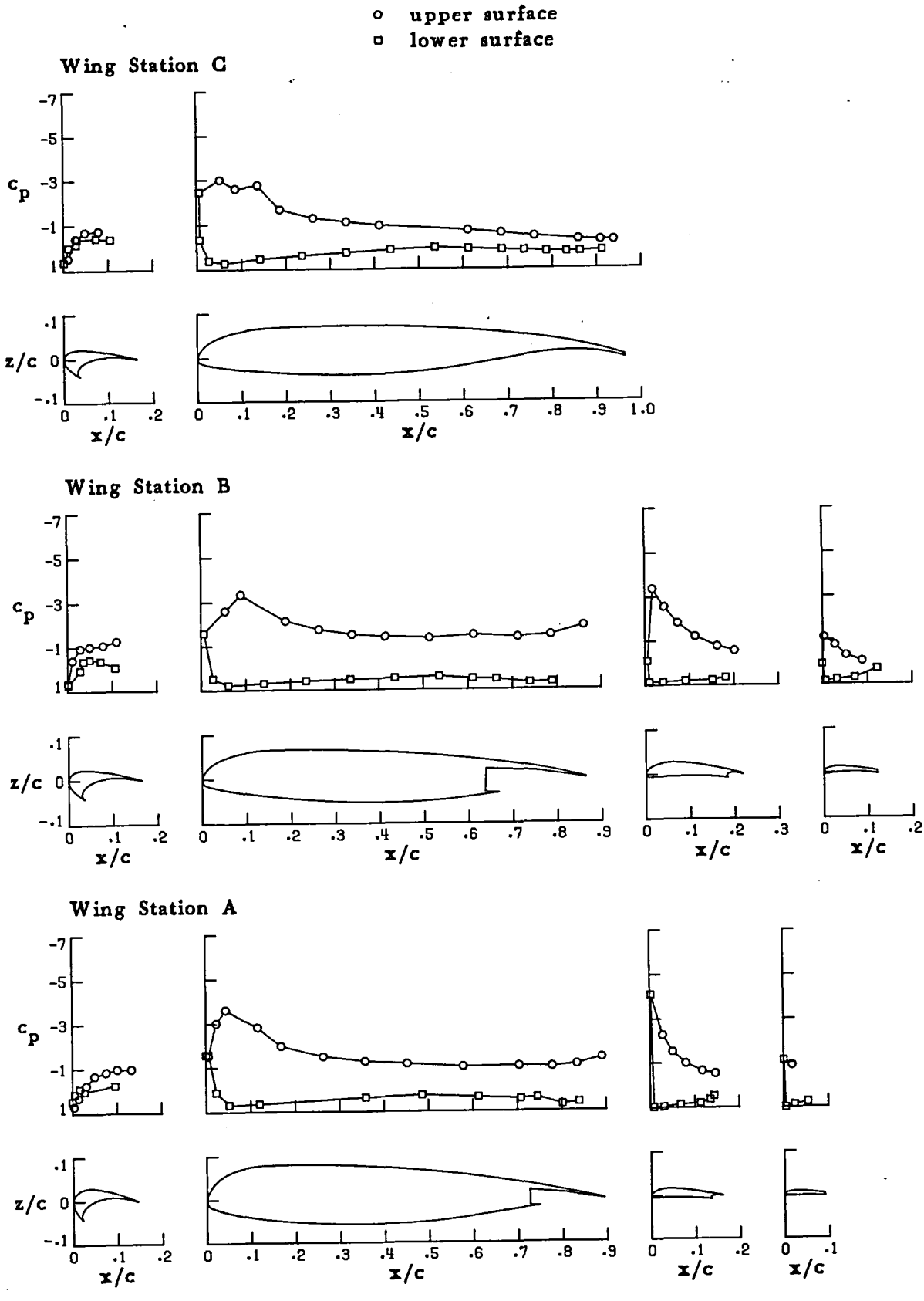
FIGURE 31. CONTINUED.



(c) α = 4.61

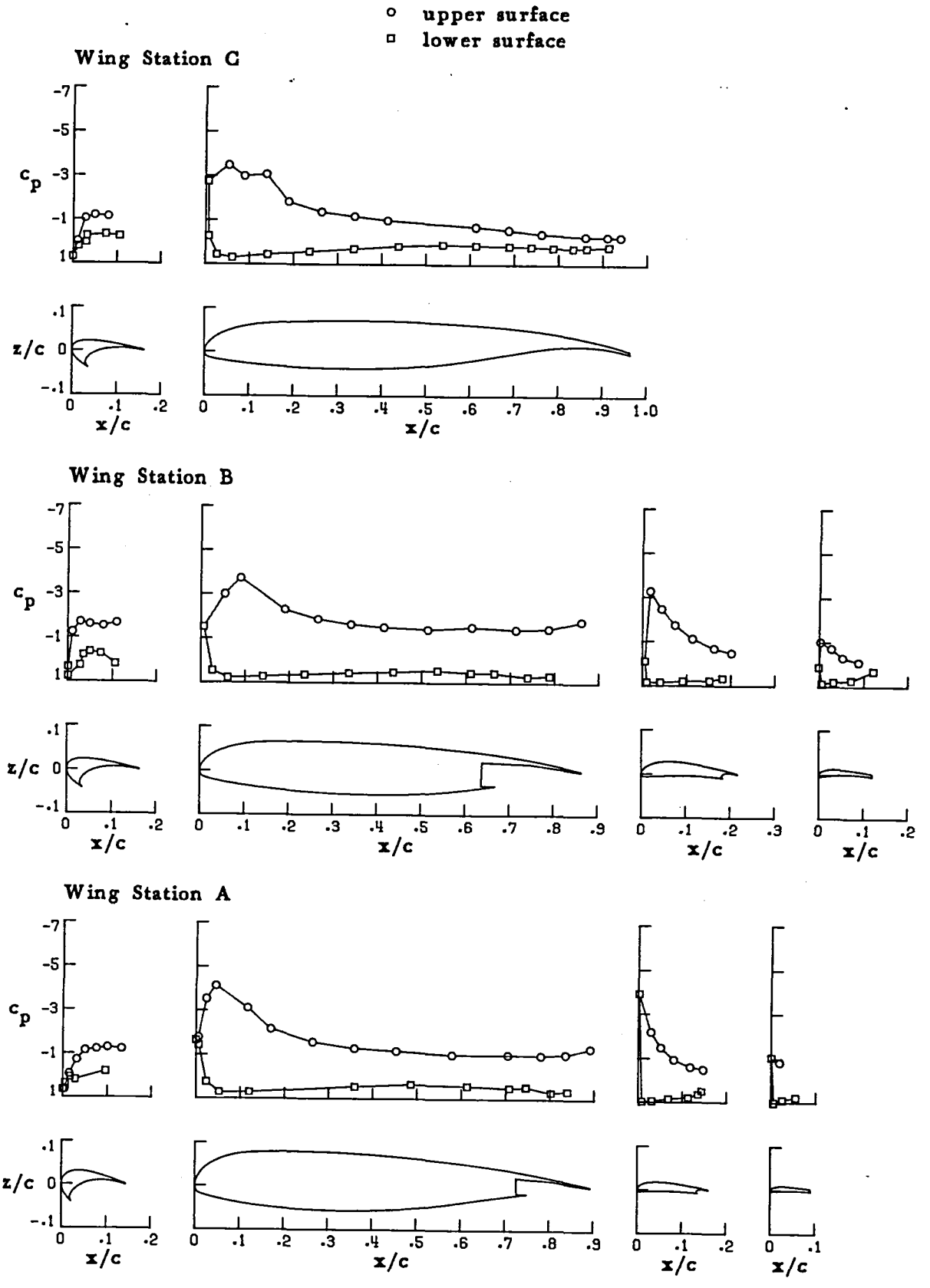
FIGURE 31. CONTINUED.

TEST = 436 RUN = 143 POINT = 8



(d) α = 8.93

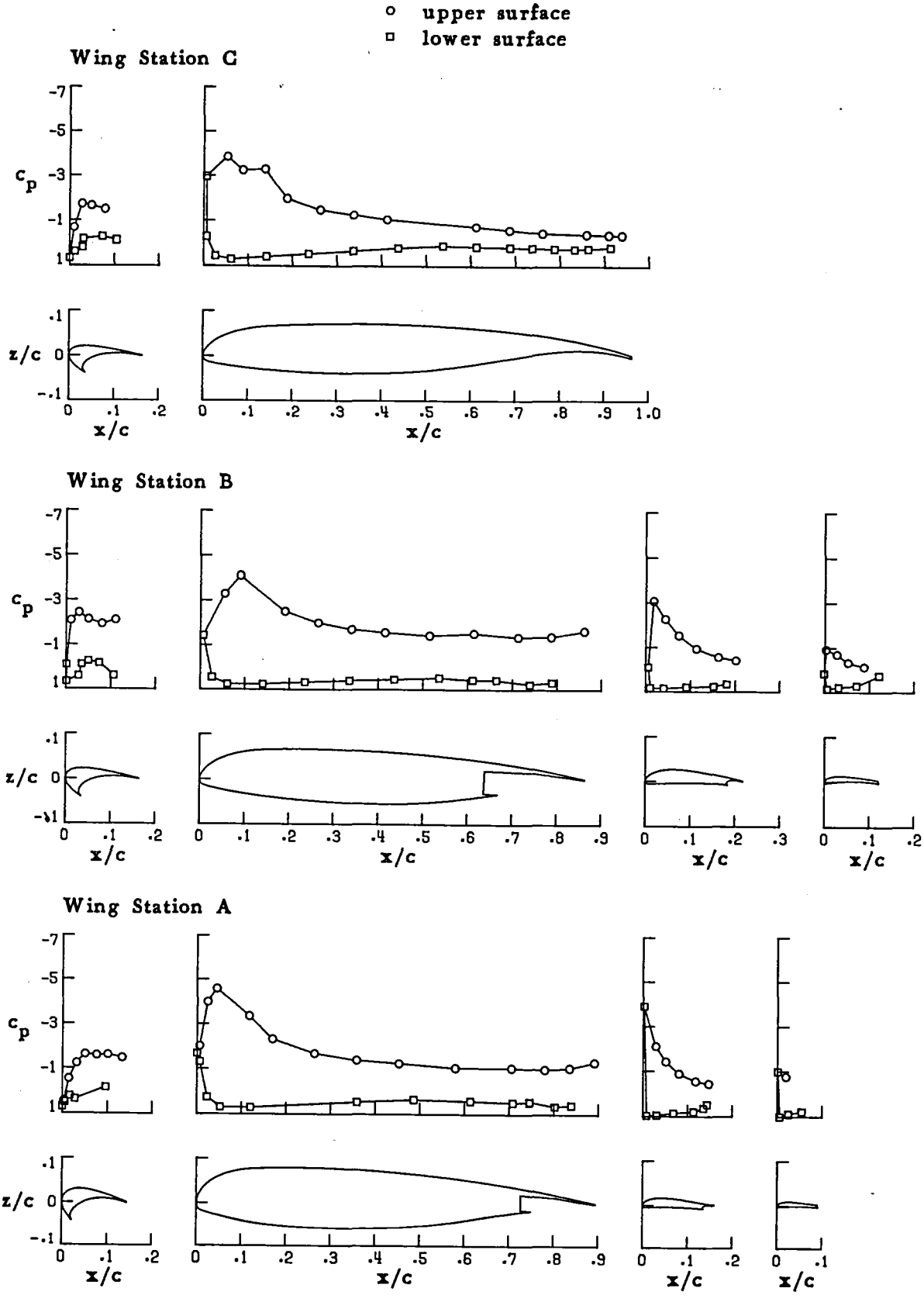
FIGURE 31. CONTINUED.



(e) α = 11.02

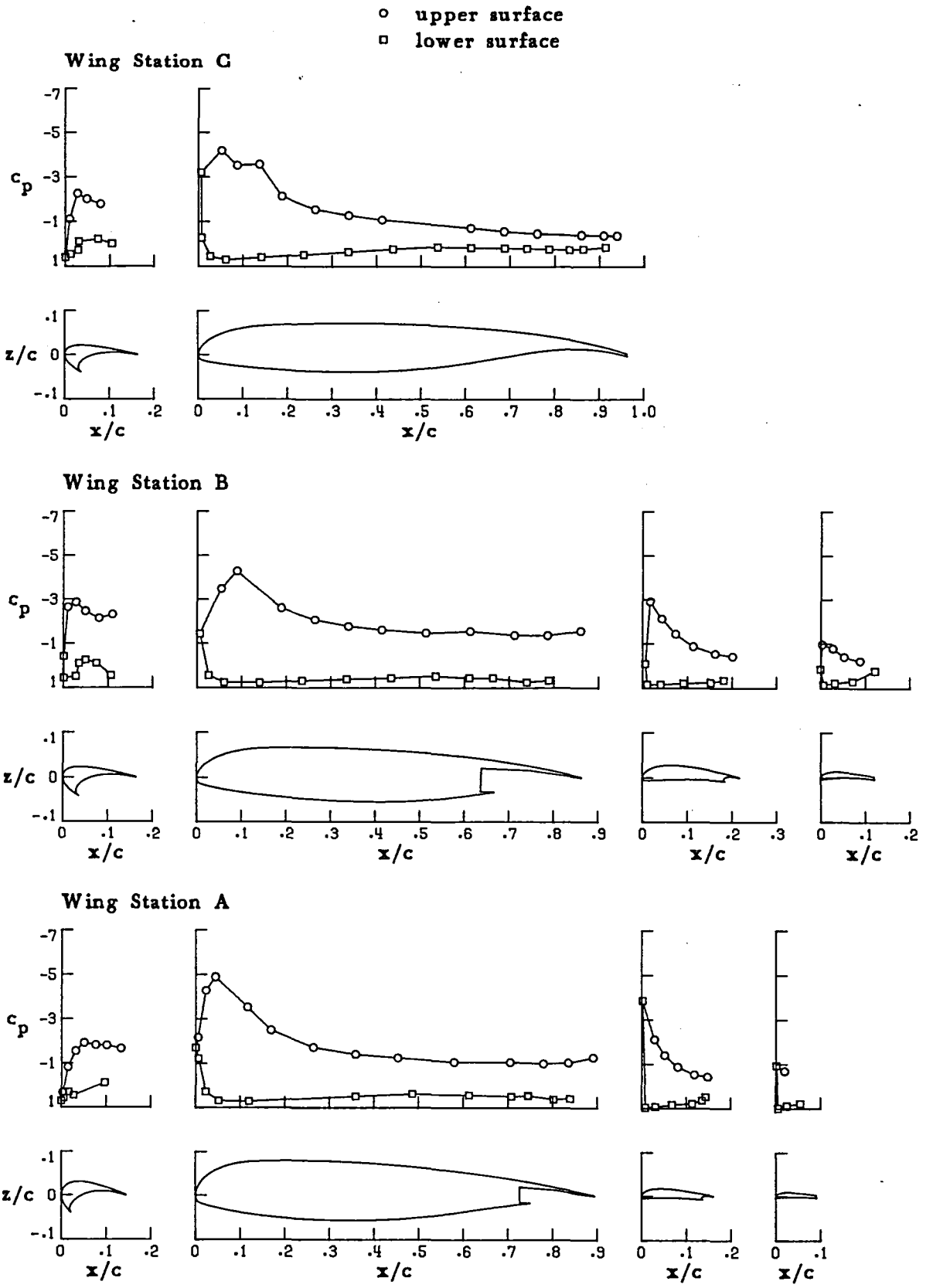
FIGURE 31. CONTINUED.

TEST = 496 RUN = 143 POINT = 12



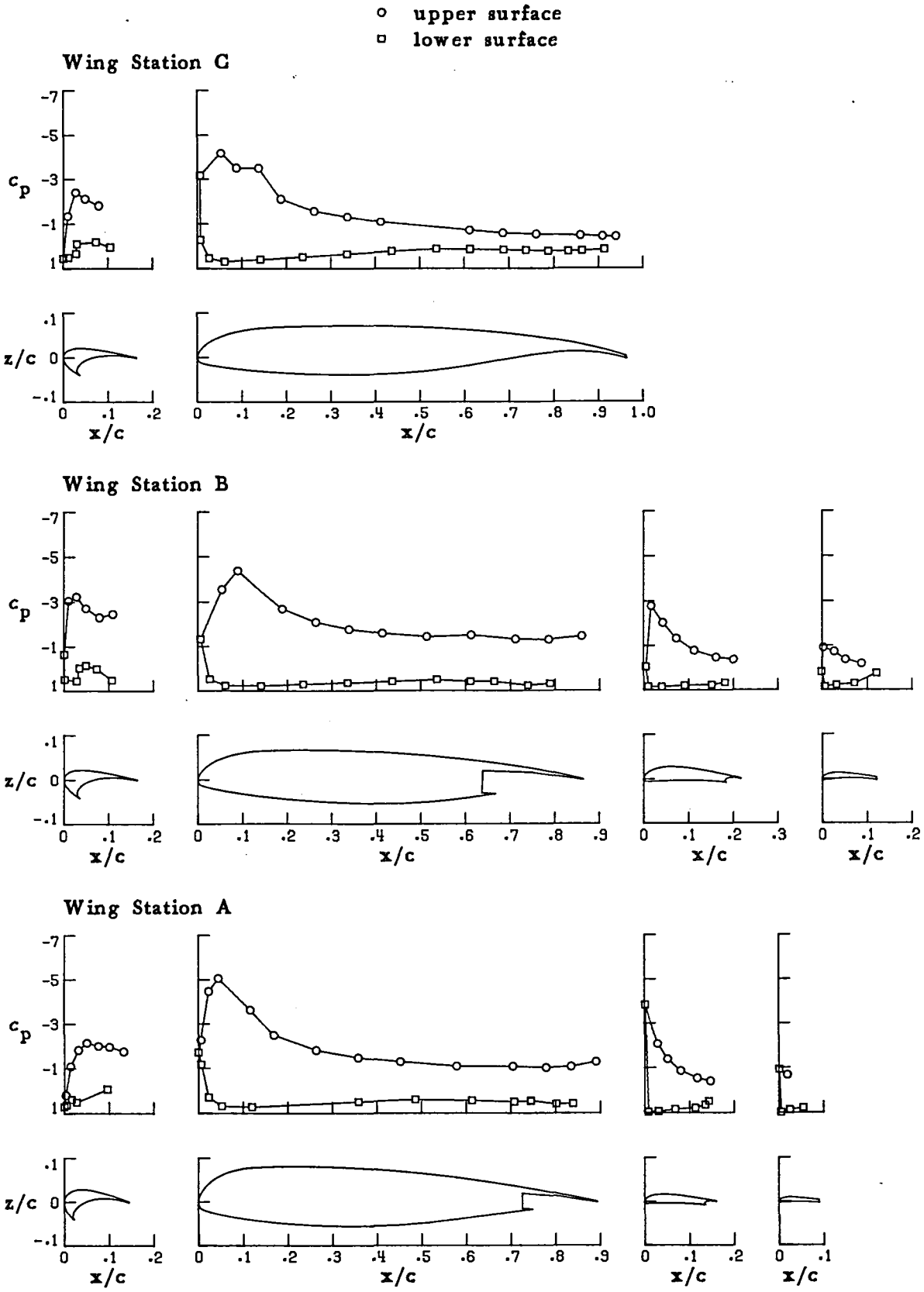
(f) α = 12.94

FIGURE 31. CONTINUED.



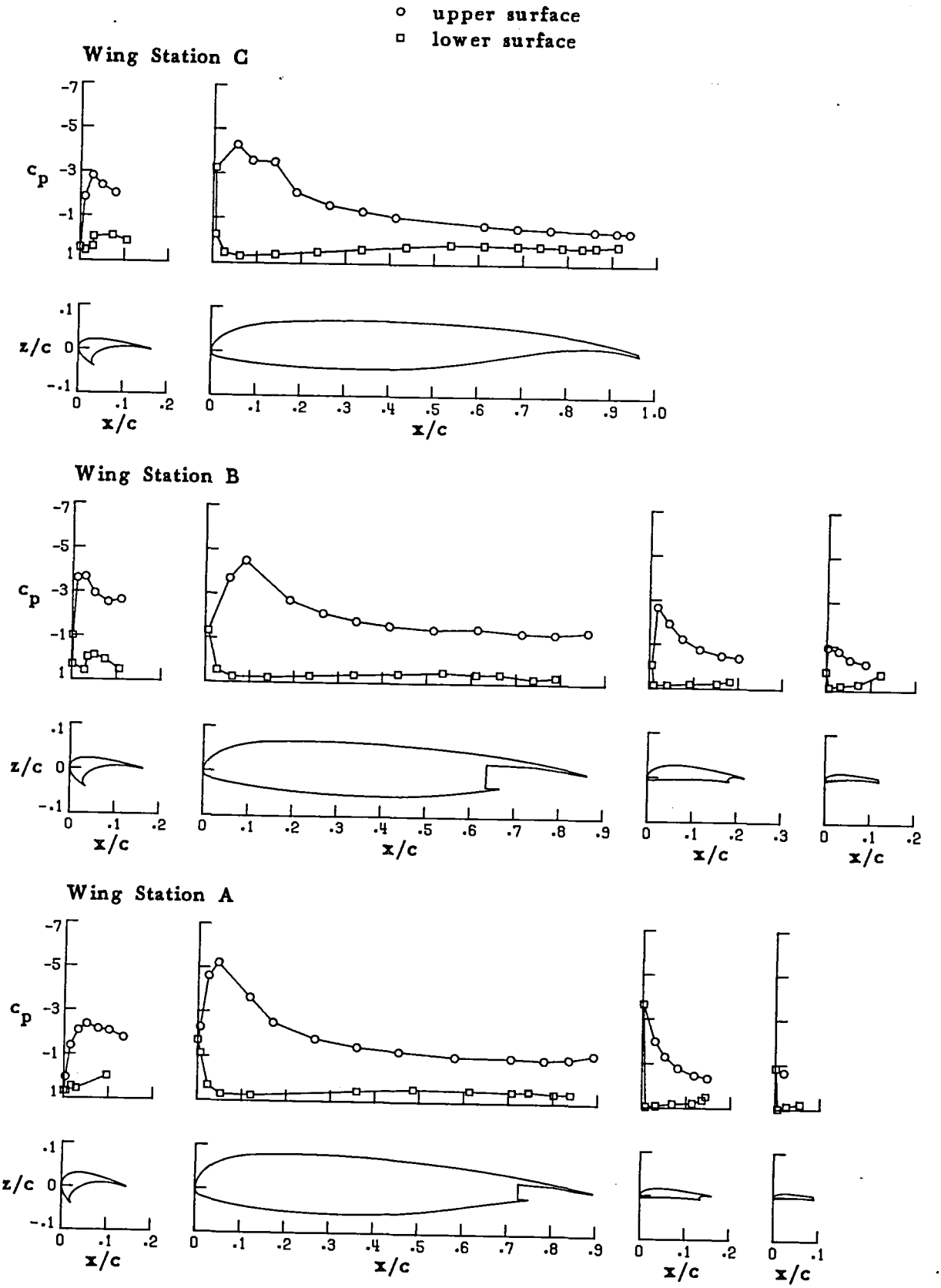
(g) α = 14.02

FIGURE 31. CONTINUED.



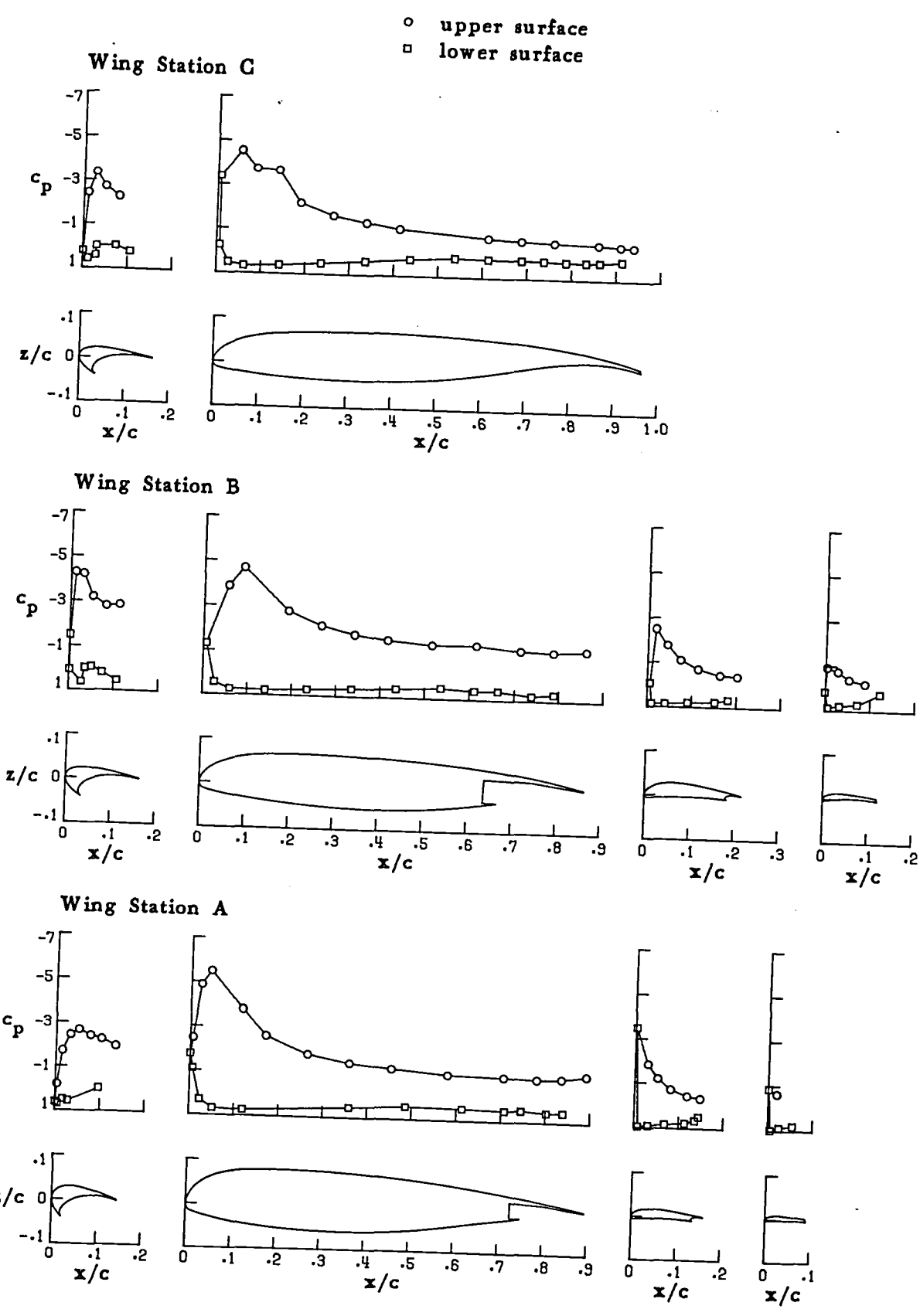
(h) α = 14.93

FIGURE 31. CONTINUED.



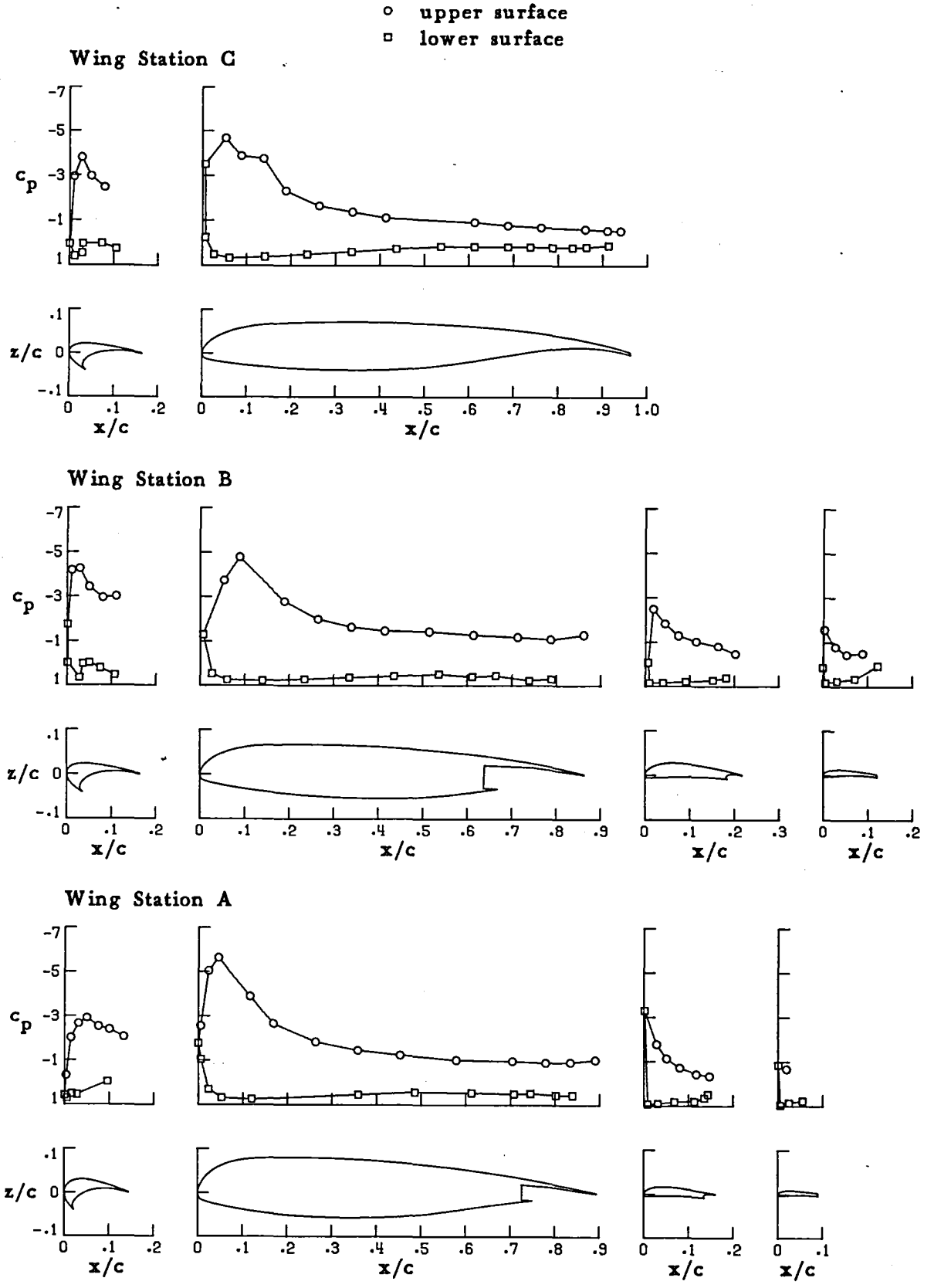
(i) α = 15.92

FIGURE 31. CONTINUED.



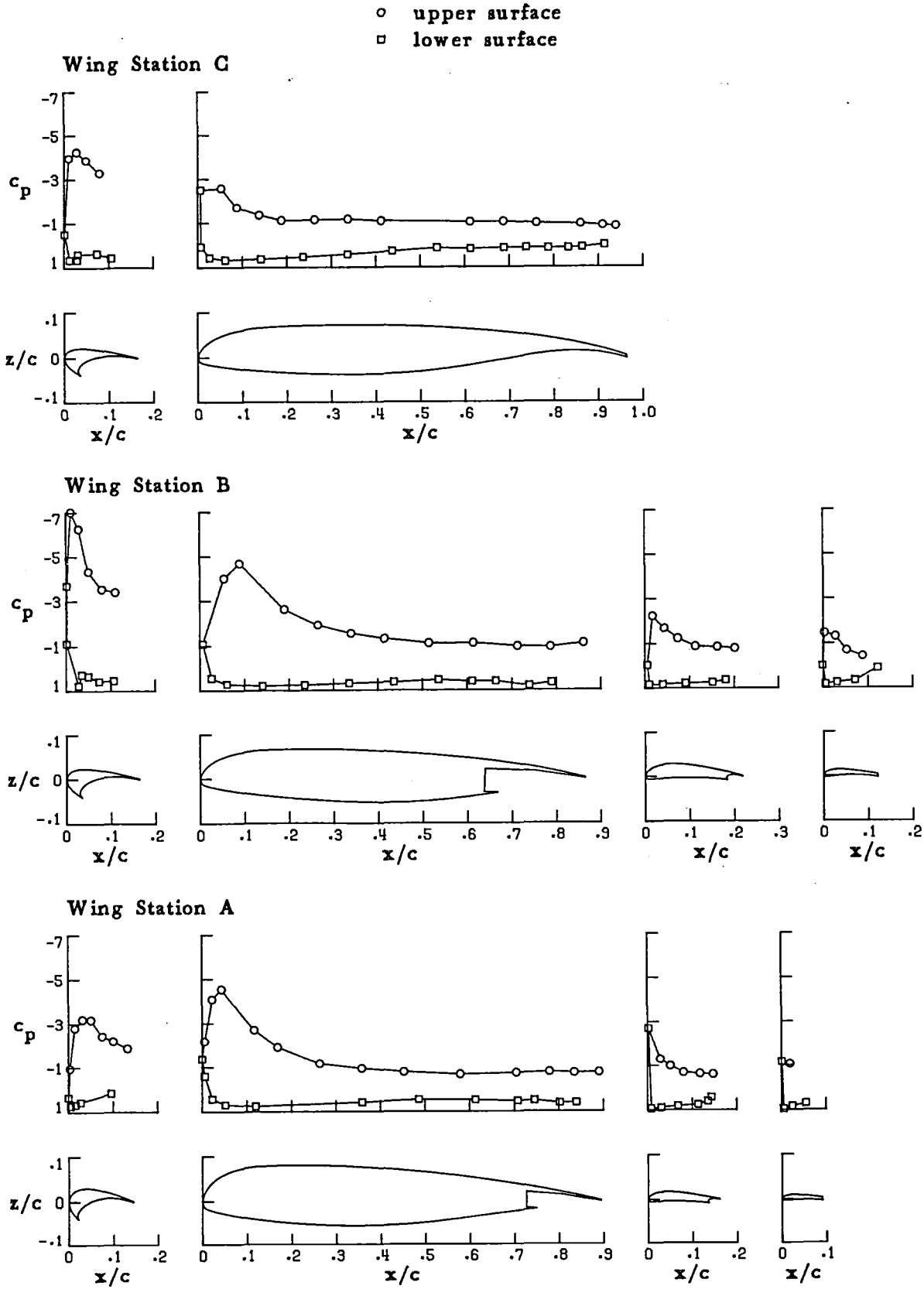
(j) α = 17.00

FIGURE 31. CONTINUED.



(k) α = 18.06

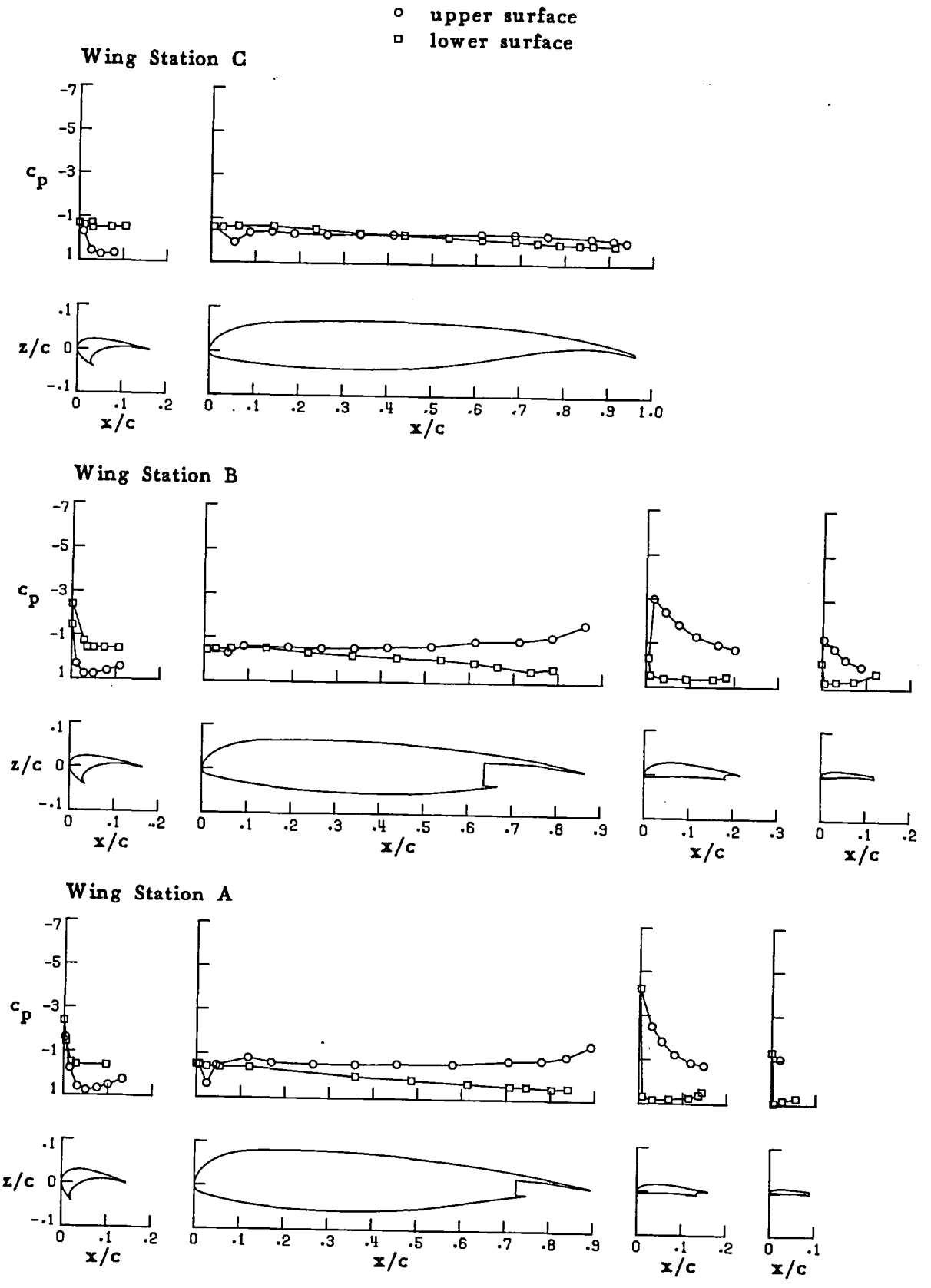
FIGURE 31. CONTINUED.



(1) α = 24.90

FIGURE 31. CONCLUDED.

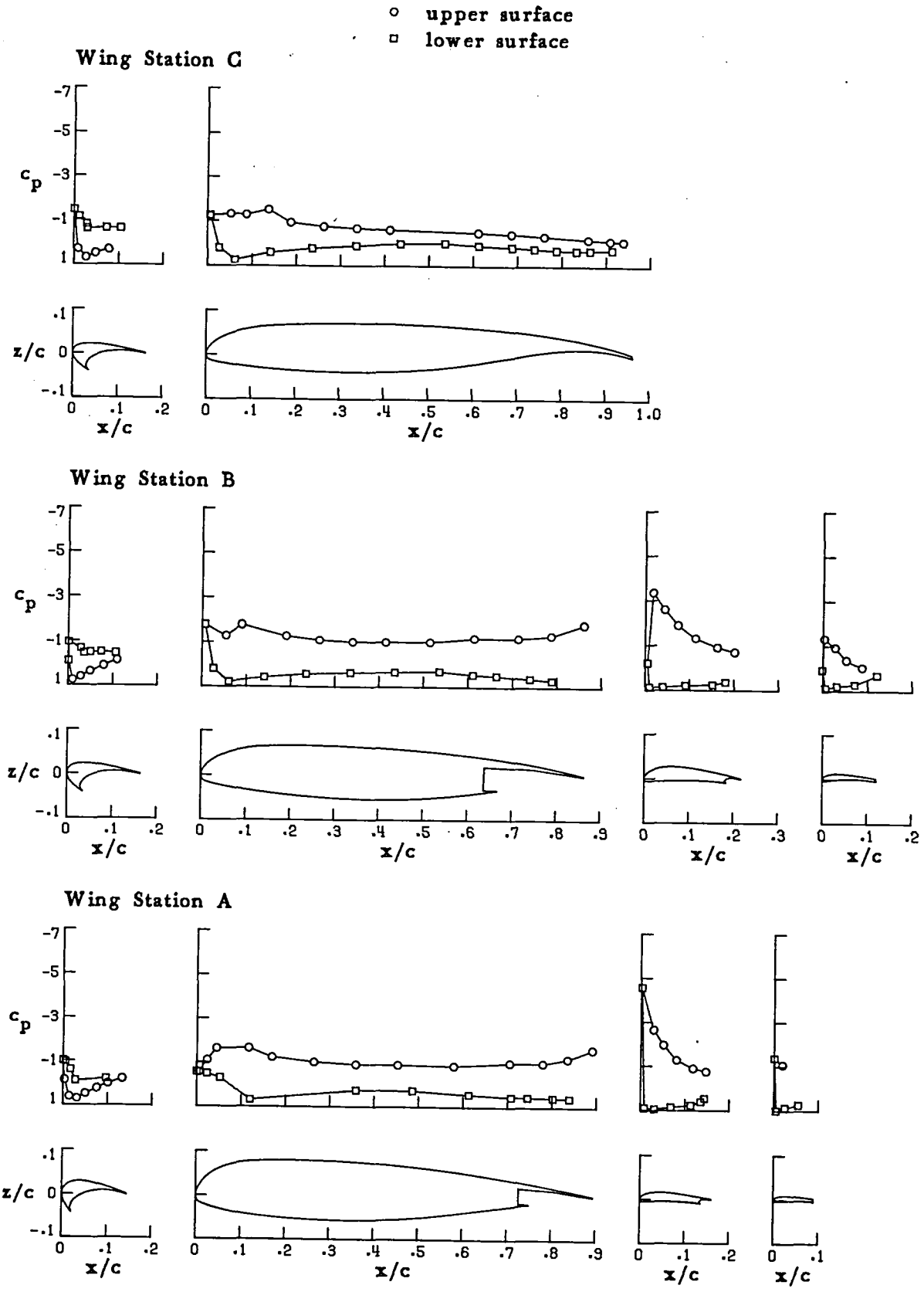
TEST = 496 RUN = 143 POINT = 23



(a) α = -5.81

FIGURE 32. PLOTTED PRESSURE DISTRIBUTIONS FOR RUN 148.

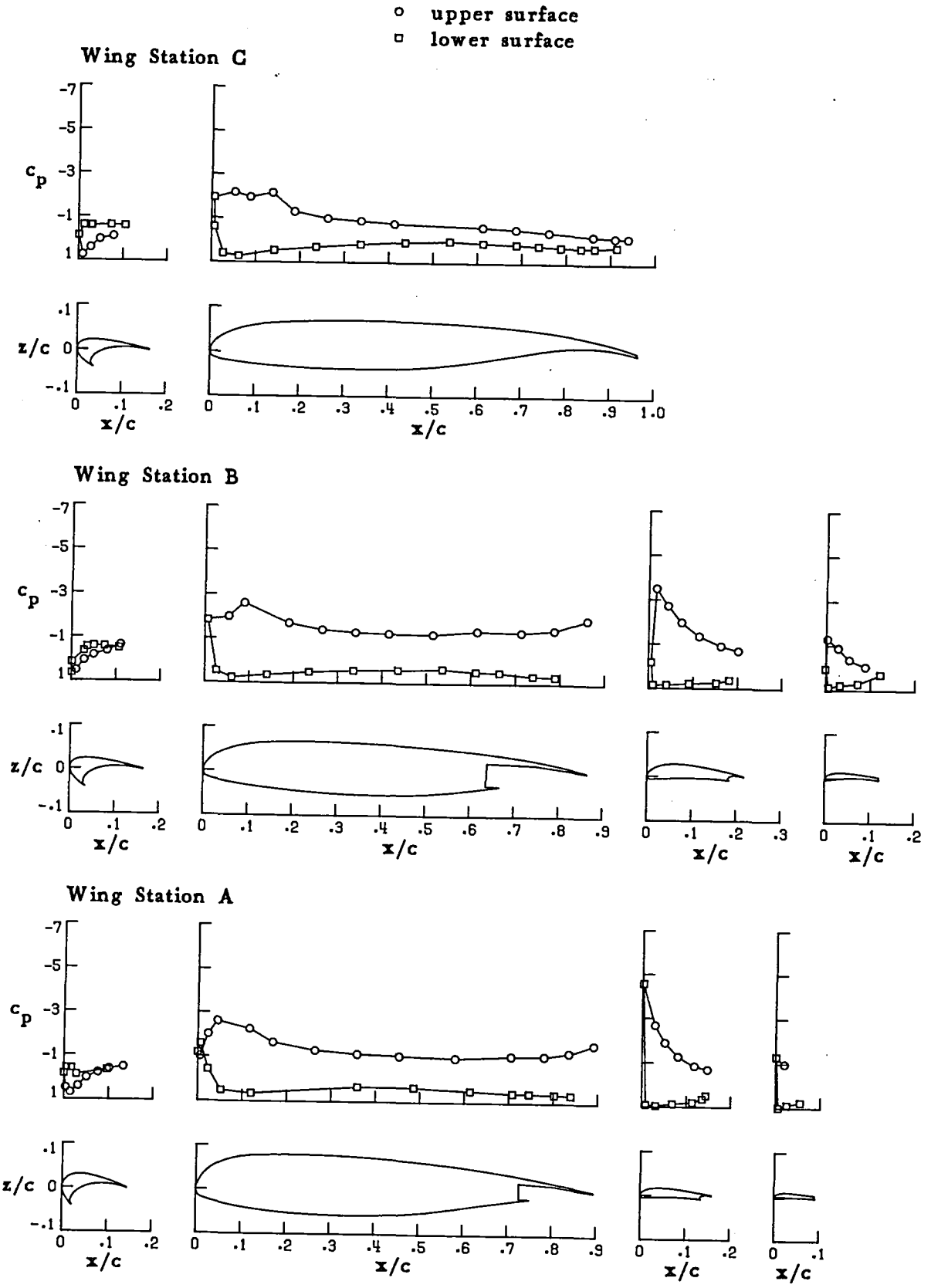
TEST = 496 RUN = 148 POINT = 16



(b) α = .51

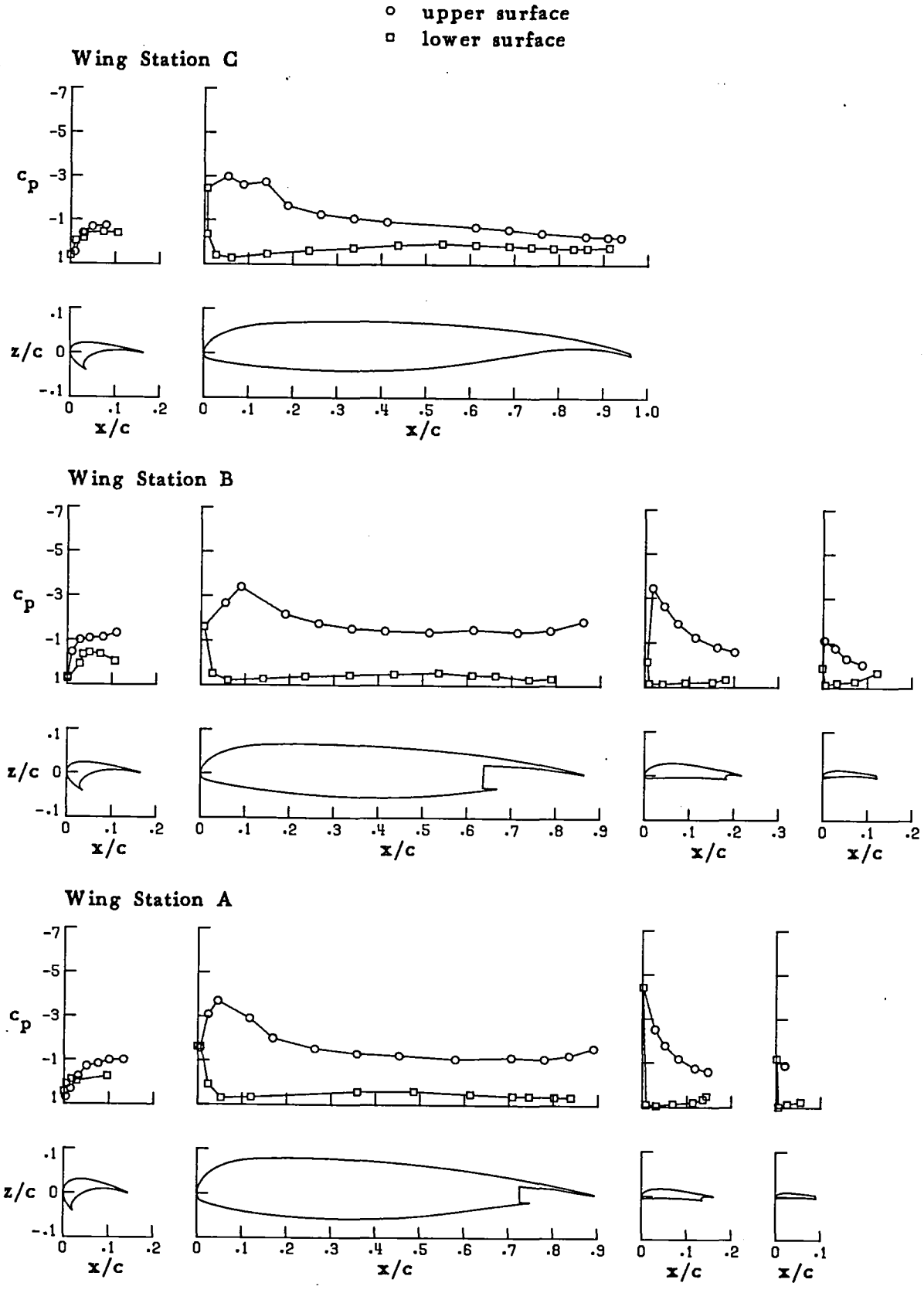
FIGURE 32. CONTINUED.

TEST = 436 RUN = 148 POINT = 19



(c) α = 4.64

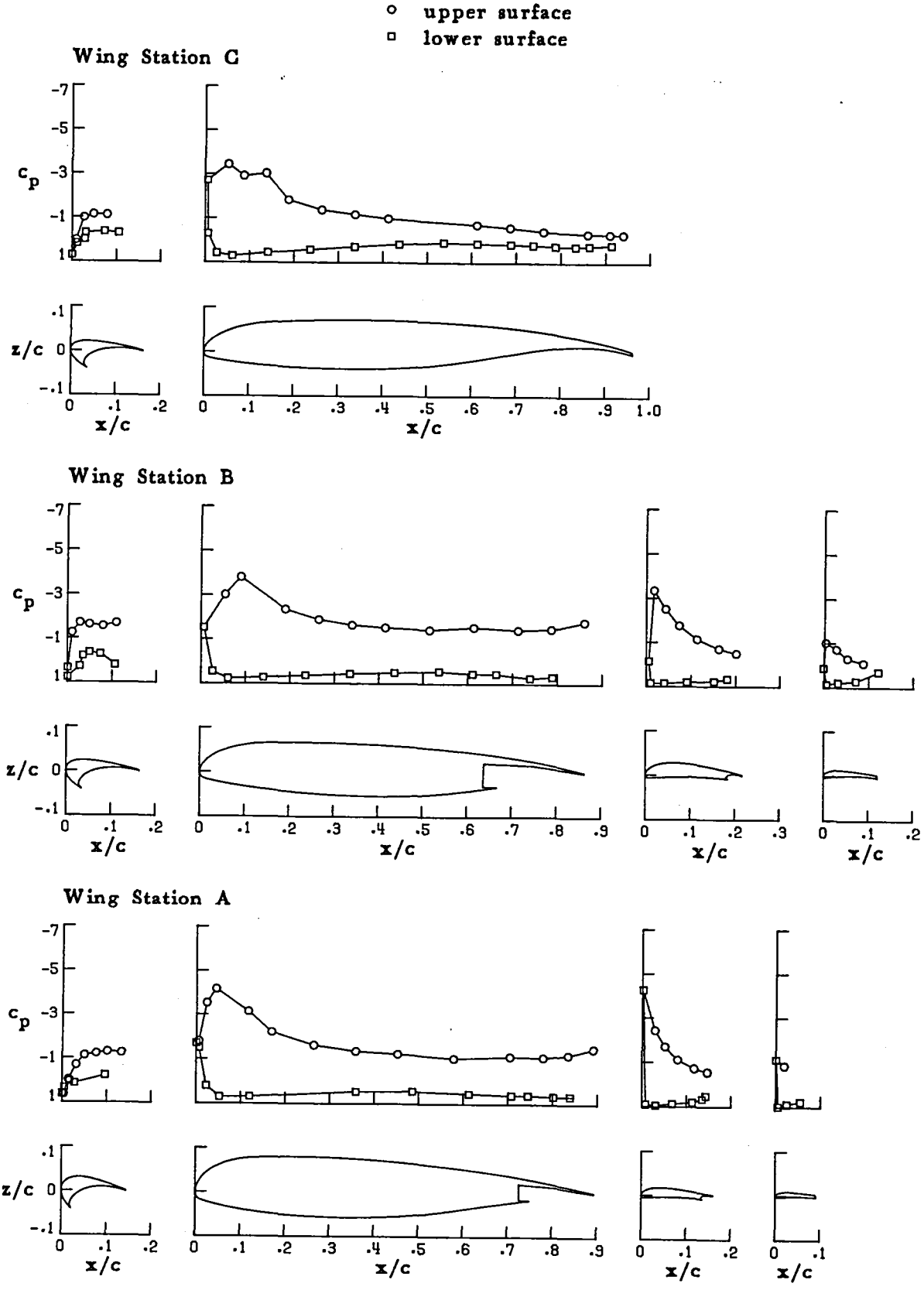
FIGURE 32. CONTINUED.



(d) α = 8.95

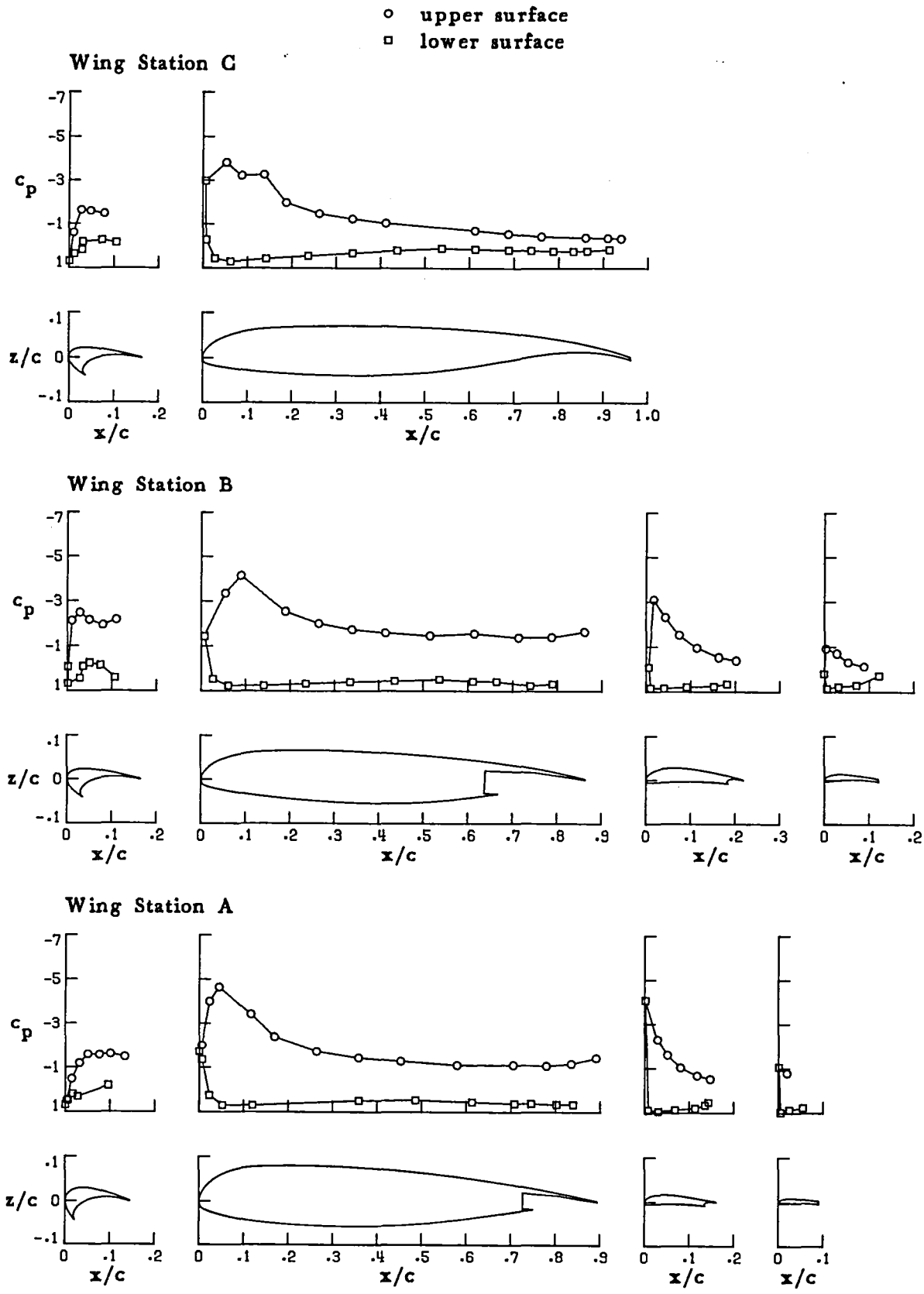
FIGURE 32. CONTINUED.

TEST = 436 RUN = 148 POINT = 23



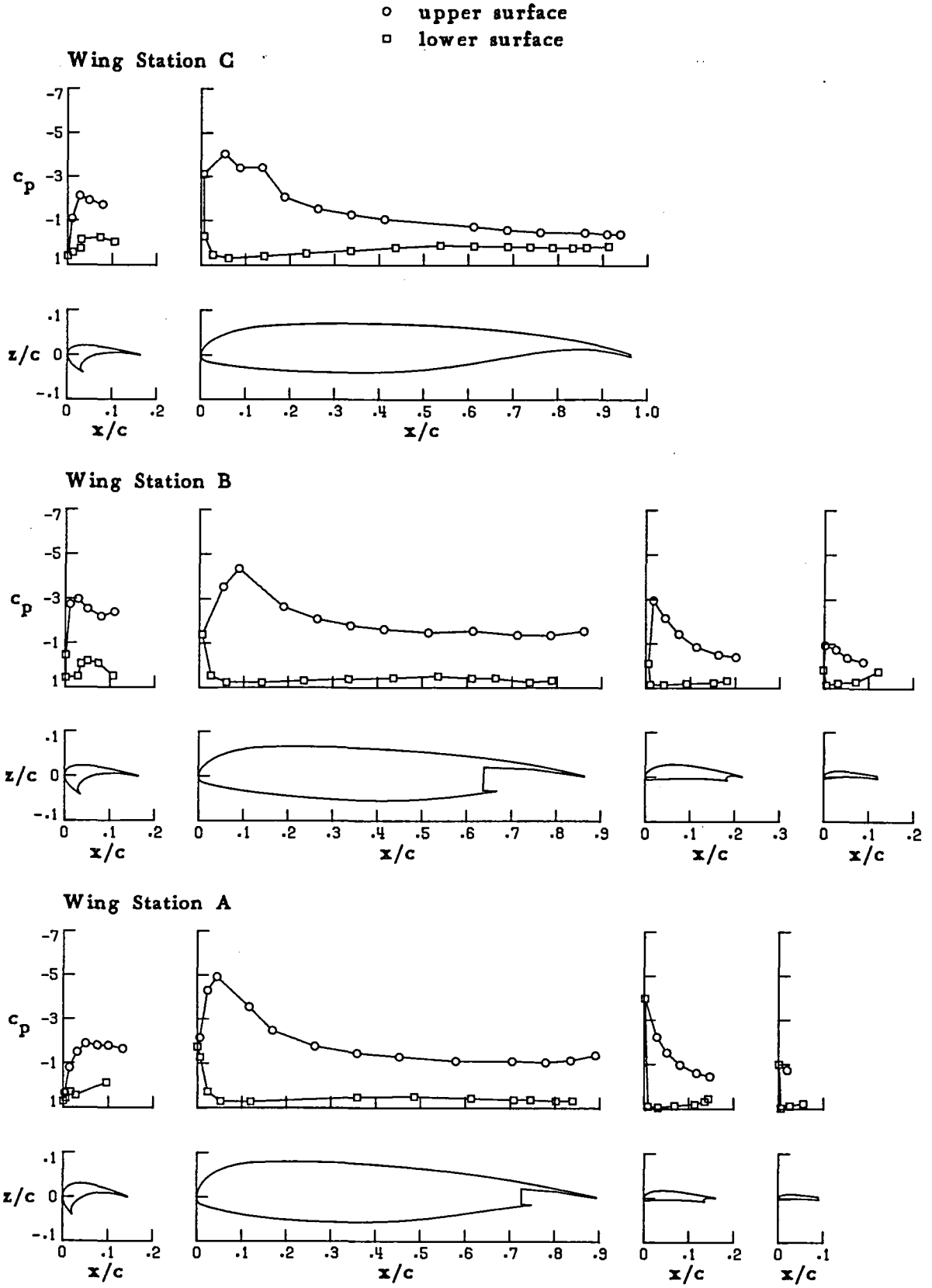
(e) α = 10.93

FIGURE 32. CONTINUED.



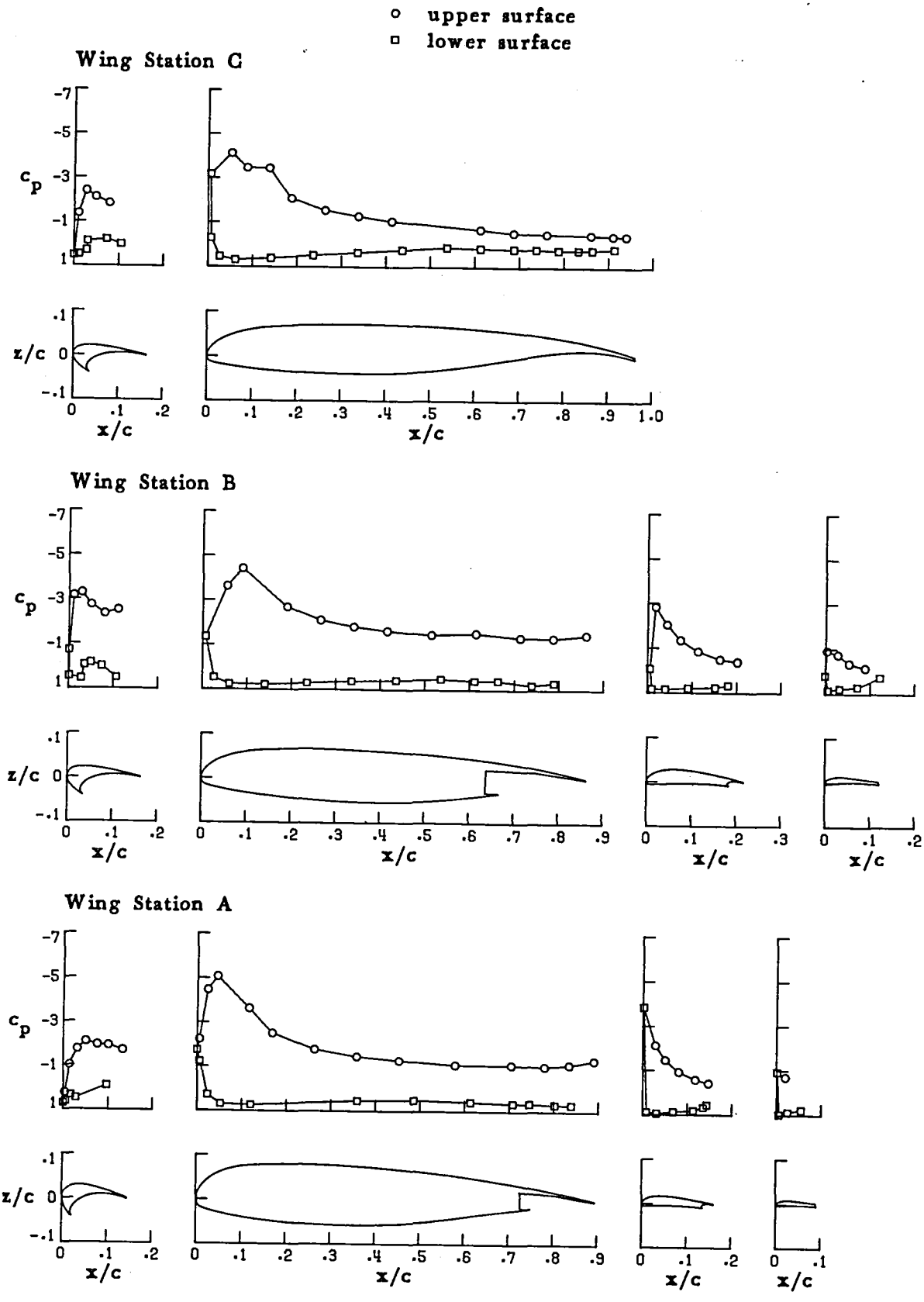
(f) α = 12.89

FIGURE 32. CONTINUED.



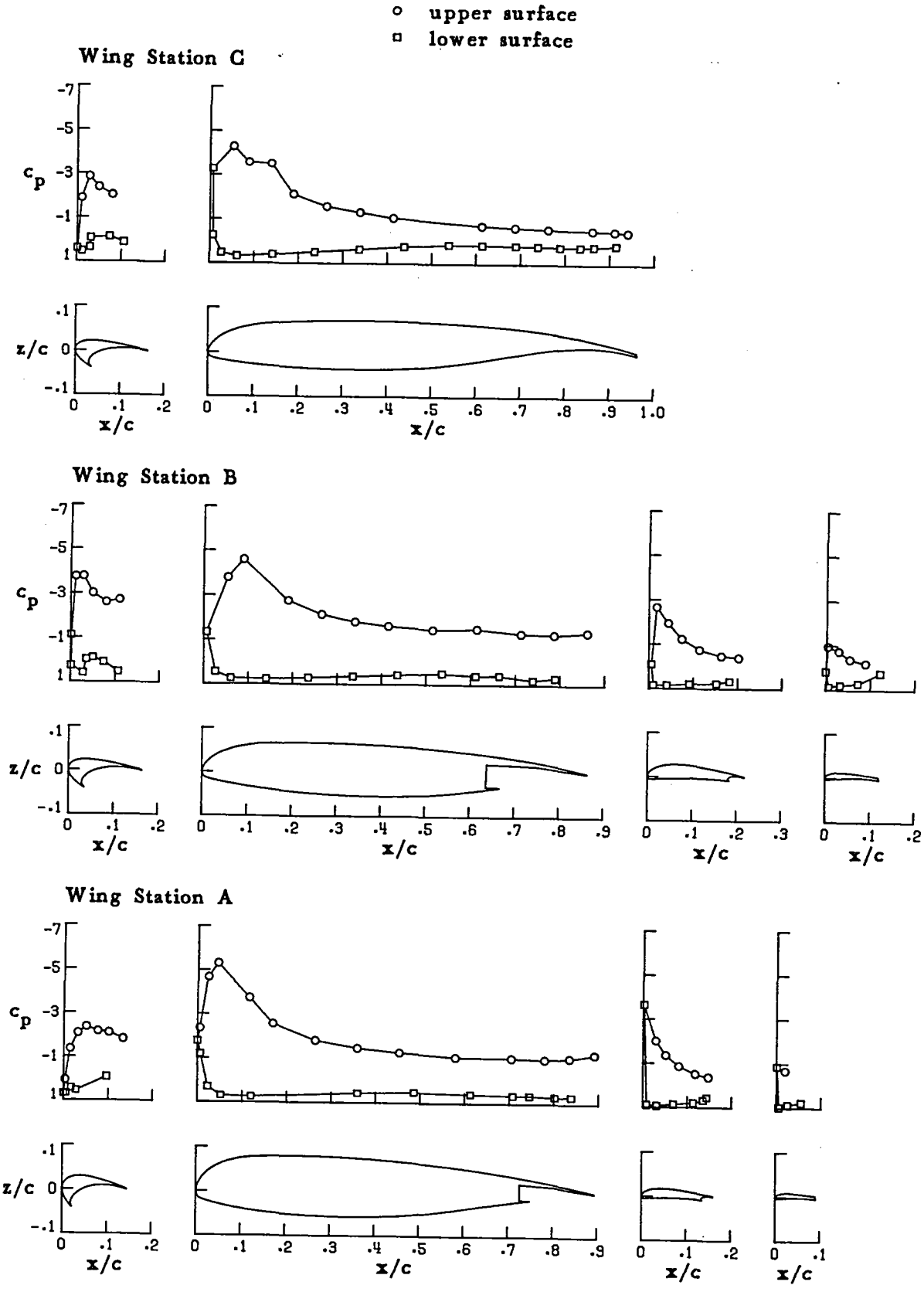
(g) α = 14.06

FIGURE 32. CONTINUED.



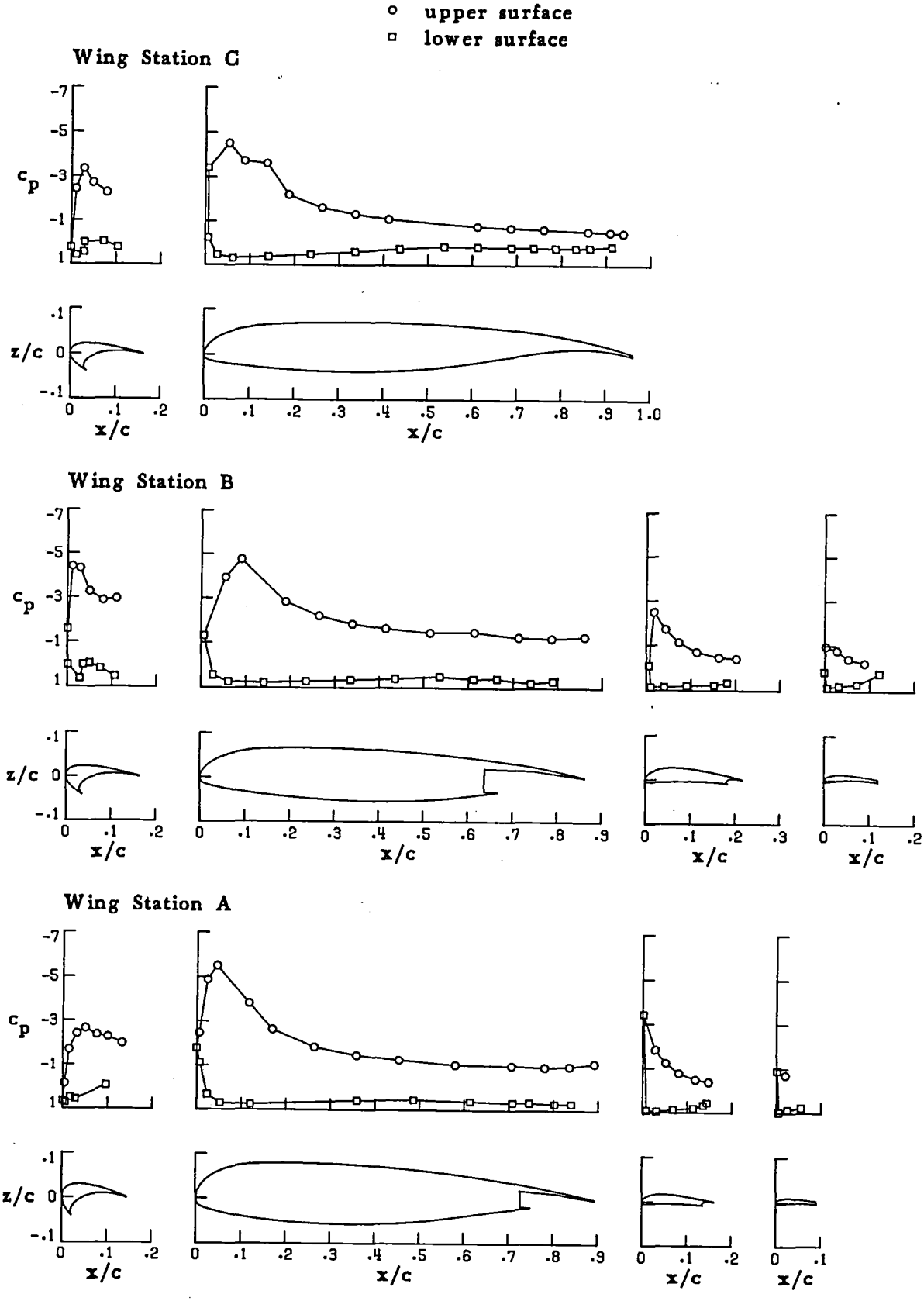
(h) α = 14.92

FIGURE 32. CONTINUED.



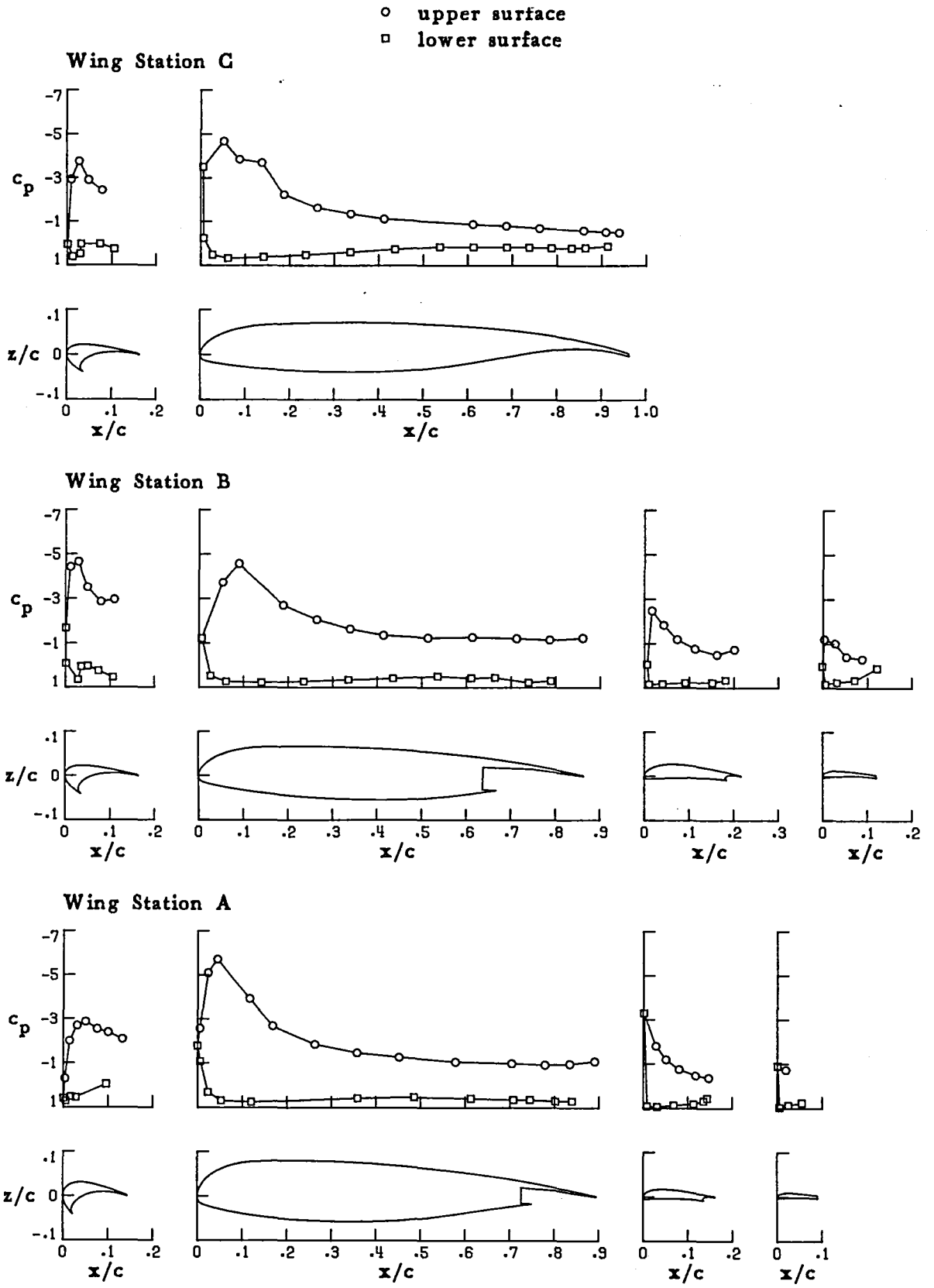
(i) α = 15.94

FIGURE 32. CONTINUED.



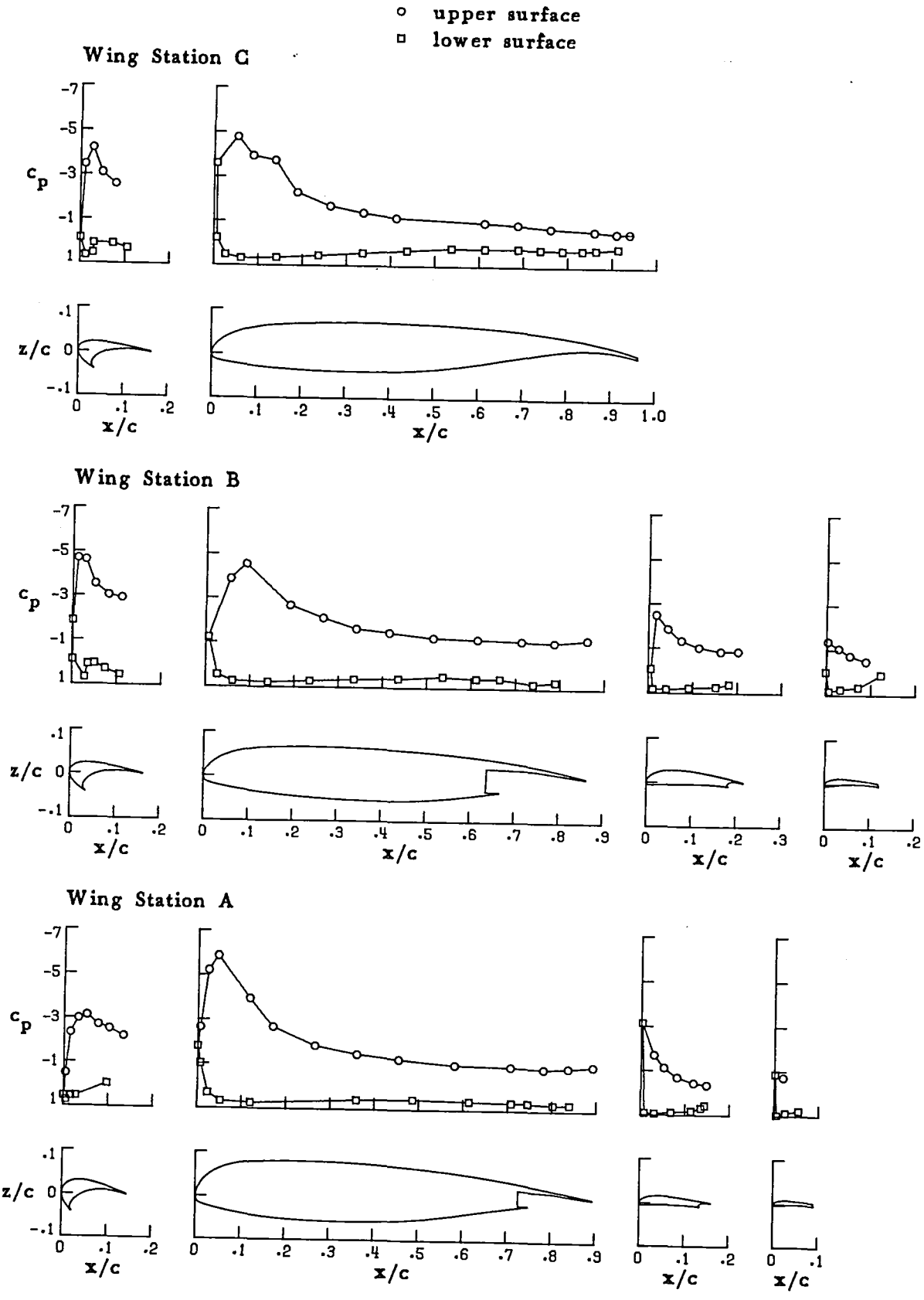
(j) α = 17.09

FIGURE 32. CONTINUED.



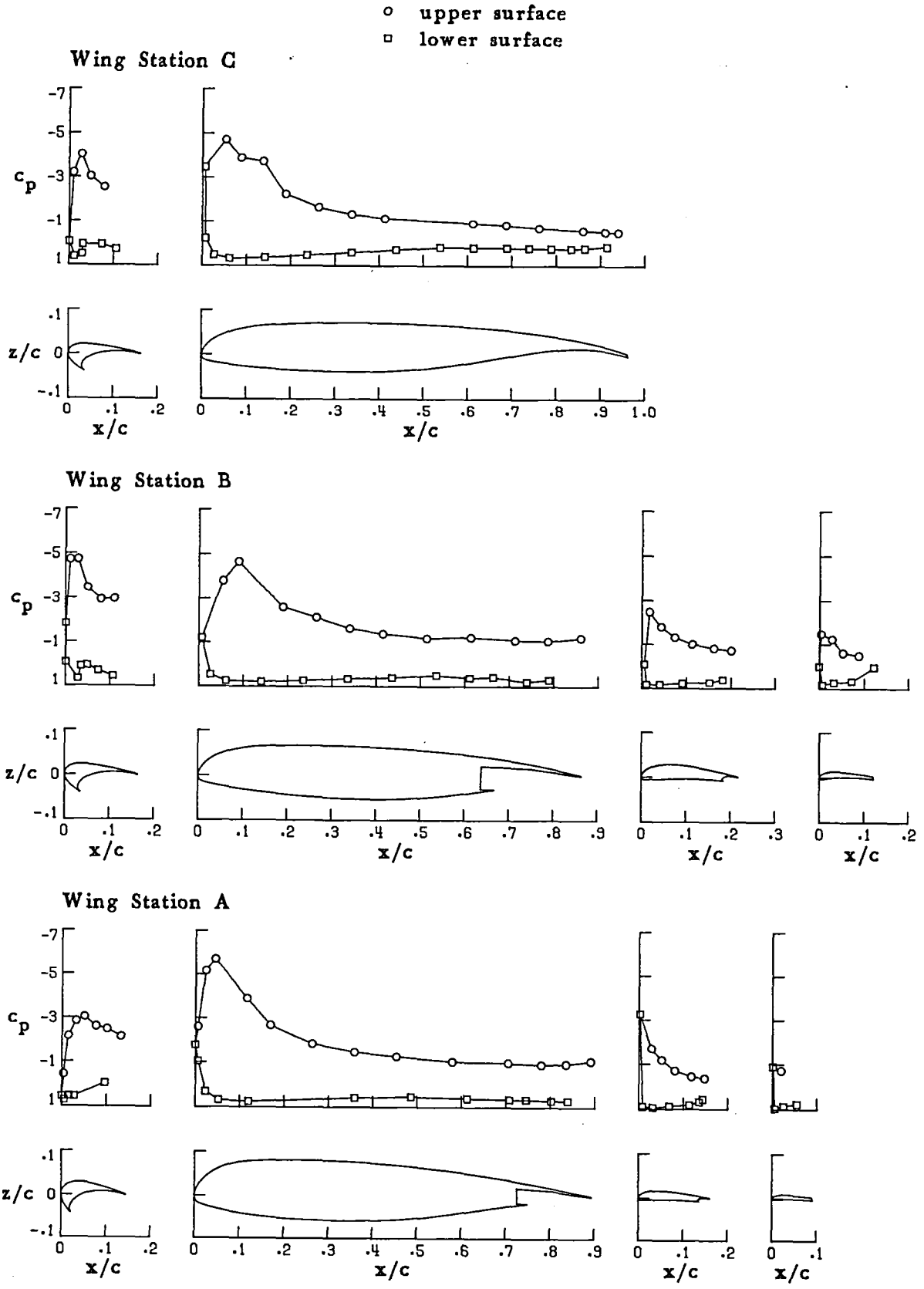
(k) α = 18.10

FIGURE 32. CONTINUED.



(1) α = 19.02

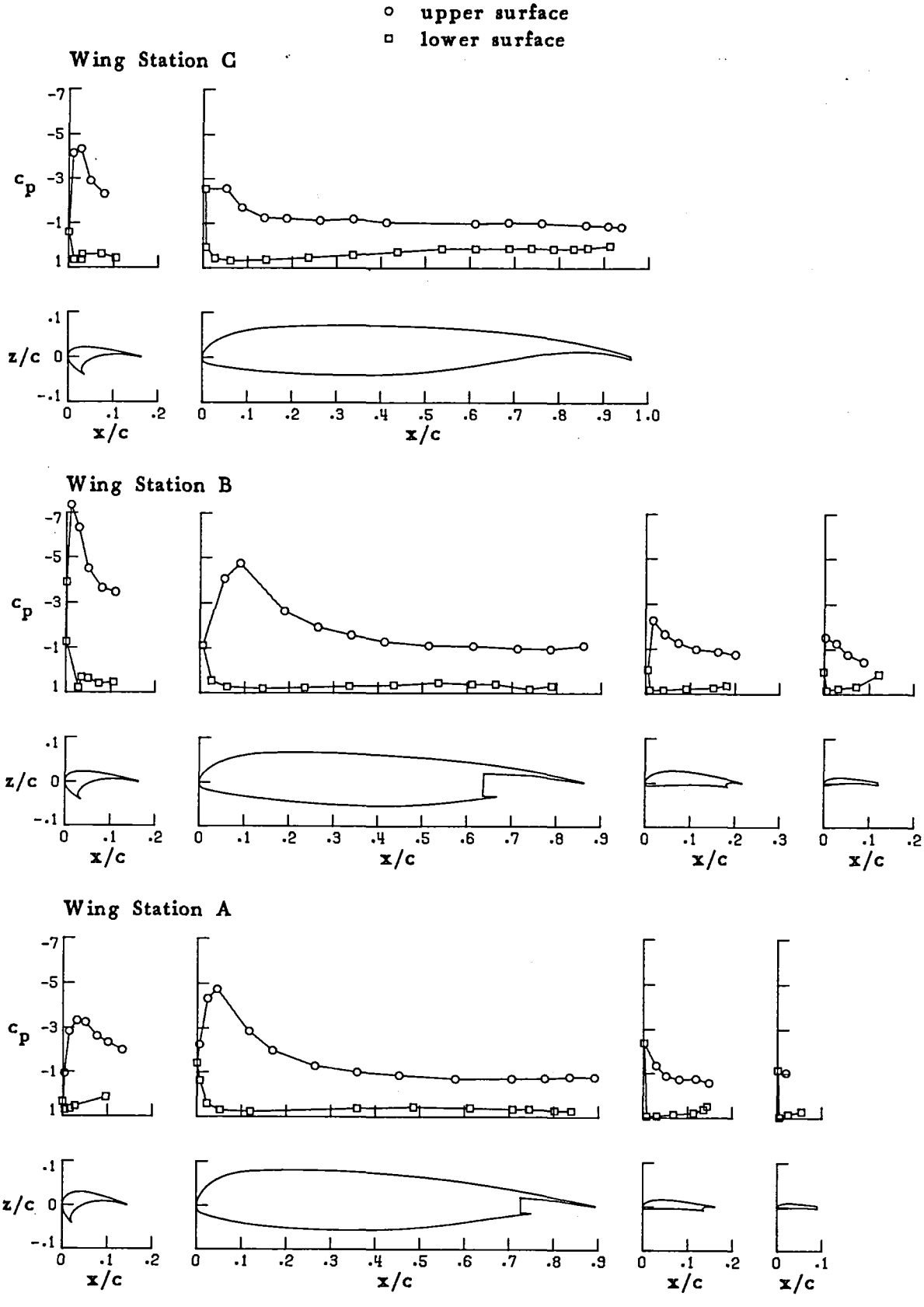
FIGURE 32. CONTINUED.



(m) α = 19.03

FIGURE 32. CONTINUED.

TEST = 456 RUN = 148 POINT = 33



(n) α = 24.94

FIGURE 32. CONCLUDED.

TEST = 436 RUN = 198 POINT = 97

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	6. Performing Organization Code 505-45-43-03
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15. Supplementary Notes

16. Abstract

A high-lift transport aircraft model equipped with full-span leading-edge slat and part-span double-slotted trailing-edge flap was tested in the Ames 12-ft pressure 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.

17. Key Words (Suggested by Author(s))	18. Distribution Statement
supercritical wing high-aspect ratio transport high lift flaps pressure distributions	[redacted] Subject Category 01

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