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PRESSURE DISTRIBUTIONS ON A CAMBERED WING-BODY CONFIGURATION AT SUBSONIC MACH NUMBERS

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William P. Henderson
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SUMMARY

An investigation has been conducted in the Langley high-speed 7- by 10-foot tunnel at Mach numbers of 0.20 and 0.40 and angles of attack up to about 22° to measure the pressure distributions on two cambered-wing configurations. The wings had the same planform (aspect ratio of 2.5 and a leading-edge-sweep angle of 44°) but differed in amounts of camber and twist (wing design lift coefficient of 0.35 and 0.70). The effects of wing strake on the wing pressure distributions were also studied. The results indicate that the experimental chordwise pressure distribution agrees reasonably well with the design distribution over the forward 60 percent of nearly all the airfoil sections for the lower cambered wing. The measured lifting pressures are slightly less than the design pressures over the aft part of the airfoil. For the highly cambered wing, there is a significant difference between the experimental and the design pressure level. The experimental distribution, however, is still very similar to the prescribed distribution. At angles of attack above 12°, the addition of a wing-fuselage strake results in a significant increase in lifting pressure coefficient at all wing stations outboard of the strake-wing intersection.

INTRODUCTION

The National Aeronautics and Space Administration is currently conducting wind-tunnel investigations to provide information useful in developing fighter aircraft concepts possessing desirable stability, control, and performance characteristics over a wide range of flight conditions. Two approaches for achieving high lift-drag ratios at maneuvering lift coefficients are discussed in reference 1. The first approach involved design of the wing camber and twist to support a load distribution for which the extent of regions of adverse pressure gradients is minimized; hence, the tendency for flow separation at the wing design lift coefficient is suppressed. The second approach utilizes the vortex lift produced by leading-edge separation from a sharp highly swept wing strake to enhance the wing lift.

The experimental results of reference 1 indicate that the wings performed well at the design conditions and confirmed that proper design of wing camber and twist can provide levels of drag commensurate with an elliptical span load distribution at reasonably high design lift coefficients. However, it is not known whether the desired load distribution on the wings was actually obtained. The benefits derived from the strakes were shown to be dependent upon wing design lift coefficient since its success depends on the mutual interaction of the strake vortex and the main wing, a phenomenon which is difficult to predict analytically.

For the foregoing reasons, it appeared desirable to measure the pressure distribution on these cambered wings both with and without a strake in order to validate the design procedures used to determine the camber surface of the wings, and to study the effect of the strake vortex on the pressure distributions.

Therefore, an investigation was conducted in the Langley high-speed 7- by 10-foot tunnel to determine the pressure distributions on wings having design lift coefficients of 0.35 and 0.70. The measurements were made at Mach numbers of 0.20 and 0.40 at angles of attack up to 22°.

SYMBOLS

Second symbol denotes computer printout symbol. The coefficients and symbols are defined as follows:

b	semispan, cm
C_l	section lift coefficient
$C_{L,d}$	wing design lift coefficient
C_p,CP	pressure coefficient, $\frac{p_l - p_\infty}{q_\infty}$
ΔC_p,ΔCP	differential pressure coefficient, $C_{p,u} - C_{p,l}$
c,C	local wing chord, cm
M	Mach number

p_l local static pressure, Pa

p_∞ free-stream static pressure, Pa

q_∞ free-stream dynamic pressure, Pa

x,X distance behind leading edge of wing, cm

y distance along span from center line, cm

α angle of attack, deg

Subscripts:

u,U upper surface

l,L lower surface

MODEL DESCRIPTION

A three-view drawing of the basic model is presented in figure 1(a) and a drawing showing the model with the wing strake is presented in figure 1(b). A photograph of the model sting mounted in the Langley high-speed 7- by 10-foot tunnel is presented in figure 2. The model, as illustrated in figure 1(a), consists of a simple wing-fuselage configuration with the wing having an aspect ratio of 2.5, a taper ratio of 0.20, a wing leading-edge sweep angle of 44°, and an NACA 64A series airfoil section (measured streamwise) with a thickness ratio of 6 percent at the fuselage, juncture, and 4 percent at the wing tip. Two variations in wing camber and twist corresponding to design lift coefficients of 0.35 and 0.70 were studied. At these lift coefficients the wings were designed to support an elliptical span load and a rectangular chord load distribution. Ordinates for the cambered airfoils are presented in reference 1. The wing strake was constructed of a 0.159-cm-thick flat plate with sharp leading edges. A total of 140 pressure orifices (70 on the upper surface and 70 on the lower) were placed on the wing in rows at six spanwise stations as shown in figure 1.

TEST AND CORRECTIONS

The investigation was conducted in the Langley high-speed 7- by 10-foot tunnel at Mach numbers of 0.20 and 0.40 and at angles of attack of up to 22°. The test Reynolds

number, based on the wing mean geometric chord, was 1.03×10^6 at a Mach number of 0.20 and 1.96×10^6 at a Mach number of 0.40. Transition strips 0.32 cm wide of No. 100 carborundum grains were placed 1.14 cm streamwise from the leading edge of the wings and 2.54 cm behind the nose of the fuselage. Corrections to the model angle of attack have been made for deflections of the balance and sting support system under aerodynamic load. Blockage corrections were found to be negligible and therefore were not applied to the data.

PRESENTATION OF RESULTS

All the pressure data obtained in this investigation are presented in tabulated form in tables I to VIII. Because of the large volume of data obtained, only the data for a Mach number of 0.40 are presented in plotted form. On the left-hand side of each data figure, the pressure coefficients measured for the upper and lower surfaces at each span station are presented; whereas on the right-hand side the differences in pressure between the upper and lower surface are presented. As an aid in locating a particular part of the data, the following index of figures is presented.

RESULTS AND DISCUSSION

Since the volume of data obtained during this study is very large, the discussion is limited to the more significant observations. However, a tabulation of all the pressure data obtained during this investigation is presented in tables I to VIII.

Comparison of Experimental and Design Pressure Distributions

The wings for this study, as indicated in reference 1, were designed to support an elliptical span load and a rectangular chord load distribution at the design conditions $(M = 0.40 \text{ at } C_{L,d} = 0.35 \text{ and } 0.70)$. The chord load distribution was specified in the design program by a Fourier series having four terms. The small number of terms accounts for the oscillation in the design pressure distribution (solid curve) presented in figure 9. Considerably more terms would be required to match a rectangular distribution exactly. Designing the camber surface to support this type of pressure distribution did not, however, result in any significant irregularities in the camber distribution. The design chordwise pressure distribution is compared with experimental data for the wing with a $C_{L,d}$ of 0.35 in figure 9(a) and a $C_{L,d}$ of 0.70 in figure 9(b). The experimental pressure distribution agrees reasonably well with the prescribed chordwise pressure distribution over the forward 60 percent of nearly all of spanwise stations for the wing with the lower camber $(C_{L,d} = 0.35)$. The measured lifting pressures are slightly lower than the design pressures on the aft part of the airfoil at nearly all the stations where pressure data were obtained. This is not surprising since the theory used to design the wing camber surface (see ref. 2) does not account for the effects of wing or boundary-layer thickness. For the wing with higher camber $(C_{L,d} = 0.70)$, there is a significant difference between the experimental and the design pressure distributions. The experimental chordwise pressure distribution, however, is very similar to the prescribed distribution. Even though the experimental chordwise pressure distributions are somewhat different from the prescribed pressure distributions, the drag levels for this wing, based on data presented in reference 1, are still commensurate with the values for full leading-edge suction and an elliptical span load distribution. These data presented in figure 10, which are discussed in more detail in the next section, again illustrate that the experimental span load agrees extremely well with the theoretical lift distribution corresponding to an elliptical span load.

Effect of Wing Strake

The difference in pressure coefficient ΔC_p between the wing upper and lower surfaces is presented for the configuration with the strake on and off in figures 7 and 8. Figure 7 is for the configuration with the cambered wing for a $C_{L,d} = 0.35$ and figure 8 is for $C_{L,d} = 0.70$. At the lower angles of attack, below 4^o, there is no effect of the strake on the pressure distributions over the wing surface. In the intermediate angle-of-attack range (4^o to 12^o), the only significant effect of the strake on the wing pressure is isolated to the station immediately behind the strake (station 1). This effect (see fig. 8(h), for example) can undoubtedly be attributed to downwash off the strake. At the higher angles of attack, above 12^o, significant increases in lifting pressure coefficient are noted at all wing stations outboard of the strake-wing intersection. Small effects are

noted even at the most outboard wing station, which is located at 97 percent of the wing semispan. A somewhat more definitive analysis of these results can be made with the aid of figure 10. This figure presents the variation of section lift (determined by integrating wing pressures at the various stations over the wing with $C_{L,d} = 0.70$) across the wing span for the strake on and off, compared with a theoretical estimate made for the wing alone at several angles of attack. The estimate was determined by use of the methods presented in reference 3. As noted in figure 10 at the lower angles of attack, there is very little difference in the variation of section lift over the wing with the strake on or off. The experimental variation of section lift is in close agreement with the estimated potential flow solution. At the higher angle of attack ($\alpha = 21.5^{\circ}$), the section lift characteristics developed on the wing with the strake on is considerably higher than those for the wing with the strake off. It was initially believed that the vortex created by the wing-fuselage strake was interacting with the wing flow field to keep the wing flow from separating up to higher angles of attack. However, the pressure distributions (for example, see fig. 7(m) or 8(m)) at an angle of attack of 21.5° show large lift increases over the forward part of the airfoil section. These pressure distributions (on stations 2 and 3) appear to be typical of the type expected with a leading-edge vortex-type flow. The existence of a wing-leading-edge vortex was substantiated by a flow-visualization study conducted on a similar model. Figure 10 indicates, however, that although the wing lift was increased by the strake, the total lift developed is only slightly higher than the value expected if potential flow has been maintained at the inboard stations and significantly less at the outboard stations. Since fully developed leading-edge vortex flow usually provides lift greater than fully attached flow, it appears that the wing vortex system is weak and probably does not extend to the tip. It is obvious, however, that the interaction of the strake vortex flow field with the wing flow field allowing the creation of a vortex on the wing has a significantly beneficial effect on the lift developed by the wing at the higher angles of attack.

CONCLUSIONS

A wind-tunnel study has been conducted to measure the pressure distribution on two cambered-wing configurations with and without a wing-fuselage strake. As a result of this study the following conclusions can be made:

1. The experimental chordwise pressure distribution agrees reasonably well with the design distribution over the forward 60 percent of nearly all the airfoil sections for the lower cambered wing. The measured lifting pressures are slightly less than the design pressures over the aft part of the airfoil section.

2. For the highly cambered wing, there is a significant difference between the experimental and the design pressure level. The experimental distribution, however, is still very similar to the prescribed distribution.

3. At angles of attack above 12^{o}, the addition of a wing-fuselage strake results in a significant increase in the lifting pressure coefficient at all wing stations outboard of the strake-wing intersection.

Langley Research Center,
National Aeronautics and Space Administration,
Hampton, Va., April 30, 1975.

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TABLE I.- PRESSURE COEFFICIENTS AT A MACH NUMBER OF 0.20 FOR MODEL WITH STRAKE OFF. $C_{L,d} = 0.35$

(a) $\alpha = -3.79^{o}$

STATION 1

X/C	CPU	CPL
.005	.5877	-1.2956
.010	.5850	-1.2654
.025	.4541	-1.3957
.050	.3499	-.2245
.100	.2444	-.1693
.200	.1131	-.1186
.300	.0302	-.0720
.400	-.0144	-.0690
.500	-.0197	-.0367
.600	-.0427	-.0301
.700	-.0319	.0769
.800	.0011	.0827
.900	.0270	-.0281
.950	-.0093	.1832
.970	.0176	

STATION 2

X/C	CPU	CPL
.005	.5668	-.8059
.010	.5634	-.8200
.025	.4646	-.7954
.050	.3635	-.8250
.100	.2480	-.8672
.200	.1075	-.5535
.300	-.0055	.0301
.400	-.0556	.0245
.500	-.0485	.0334
.600	-.0684	.1100
.700	-.0744	
.800	-.0292	.1727
.900	-.0108	.2347
.925	-.0222	.2589
.950	-.0208	.2858

STATION 3

X/C	CPU	CPL
.010	.5720	-.6227
.025	.4941	-.6148
.050	.3924	-.6147
.100	.2418	-.6346
.200	.0960	-.6494
.400	-.0419	.0323
.600	-.0791	.1630
.800	-.0437	.1918
.900	-.0103	.2386
.925	-.0287	.2744

STATION 4

X/C	CPU	CPL
.010	.5732	-.5122
.025	.4857	-.5211
.050	.3671	-.5100
.100	.2678	-.5023
.200	.1097	-.5067
.400	-.0555	-.4971
.600	-.1002	-.0571
.800	-.0892	.0746
.900	-.0539	.0831
.925	-.0772	.0770

STATION 5

X/C	CPU	CPL
.025	.4361	.0869
.050	.3360	.0713
.075	.2746	.0430
.150	.1466	.0367
.300	-.0502	.0389
.450	-.1063	.0359
.600	-.1462	-.0722
.750	-.1312	-.0756
.800	-.1123	-.0811
.850	-.1006	-.0717

STATION 6

X/C	CPU	CPL
.025	.3815	-.0665
.050	.2713	-.1540
.100	.1771	-.1277
.200	.0424	-.1192
.300	-.0488	-.0847
.400	-.0852	-.0607
.500	-.1059	-.0466
.600	-.1232	-.0202
.700	-.1261	-.0061
.800	-.0983	.0165

(b) $\alpha = -1.95^{o}$

STATION 1

X/C	CPU	CPL
.005	.5746	-.9997
.010	.4719	-.9764
.025	.3444	-.8318
.050	.2159	-.1619
.100	.1383	-.1393
.200	.0385	-.0730
.300	-.0336	-.0307
.400	-.0687	-.0208
.500	-.0646	-.0193
.600	-.0787	-.0114
.700	-.0695	.0832
.800	-.0298	.0913
.900	.0025	-.0238
.950	-.0149	.2044
.970	.0198	

STATION 2

X/C	CPU	CPL
.005	.5751	-.9561
.010	.4955	-.9308
.025	.3770	-.9919
.050	.2699	-.8311
.100	.1485	-.0284
.200	.0309	-.0256
.300	-.0525	-.0127
.400	-.1145	-.0034
.500	-.1046	.0290
.600	-.1122	.0652
.700	-.1030	
.800	-.0542	.1627
.900	-.0188	.2065
.925	-.0359	.2249
.950	-.0303	.2551

STATION 3

X/C	CPU	CPL
.010	.5392	-.6093
.025	.3866	-.5919
.050	.2823	-.6135
.100	.1458	-.6234
.200	.0102	-.2187
.400	-.0924	.0607
.600	-.1092	.1156
.800	-.0543	.1715
.900	-.0270	.2205
.925	-.0369	.2502

STATION 4

X/C	CPU	CPL
.010	.5326	-.5203
.025	.3944	-.5226
.050	.2891	-.5268
.100	.1653	-.5311
.200	.0088	-.5346
.400	-.1129	-.5190
.600	-.1382	.0538
.800	-.1105	.0552
.900	-.0705	.0618
.925	-.0837	.0780

STATION 5

X/C	CPU	CPL
.025	.3501	.0833
.050	.2419	.0762
.075	.1818	.0024
.150	.0868	.0363
.300	-.1140	.0447
.450	-.1432	.0307
.600	-.1677	.0231
.750	-.1457	.0262
.800	-.1033	.1612
.850	-.0697	.1885

STATION 6

X/C	CPU	CPL
.025	.3266	.1859
.050	.2206	-.1584
.100	.1279	-.1325
.200	.0212	-.1015
.300	-.0729	-.0767
.400	-.0956	-.0551
.500	-.1158	-.0419
.600	-.1219	-.0290
.700	-.1107	-.0417
.800	-.0851	-.0253

TABLE I.- Continued

(c) $\alpha = -0.02^{o}$

STATION 1

X/C	CPU	CPL
.005	.4842	-.5618
.010	.3064	-.2750
.025	.1916	-.1175
.050	.1085	-.0754
.100	.0470	-.0432
.200	-.0209	-.0070
.300	-.1025	.0126
.400	-.1063	.0150
.500	-.1139	.0178
.600	-.1161	-.0126
.700	-.0712	.1012
.800	-.0252	.1211
.900	.0056	-.0146
.950	-.0197	.2079
.970	.0272	

STATION 2

X/C	CPU	CPL
.005	.5074	-.6533
.010	.3621	-.6399
.025	.2265	-.6305
.050	.1229	-.1359
.100	.0375	-.0535
.200	-.0576	-.0053
.300	-.1346	.0350
.400	-.1623	.0350
.500	-.1287	.0409
.600	-.1427	.1057
.700	-.1229	
.800	-.0694	.1628
.900	-.0260	.1965
.925	-.0361	.2308
.950	-.0333	.2502

STATION 3

X/C	CPU	CPL
.010	.4334	-.5303
.025	.2574	-.5132
.050	.1496	-.2824
.100	.0329	-.1030
.200	-.0724	.0039
.400	-.1563	.0528
.600	-.1389	.1160
.800	-.0699	.1569
.900	-.0432	.2109
.925	-.0350	.2409

STATION 4

X/C	CPU	CPL
.010	.4152	-.5795
.025	.2498	-.5910
.050	.1269	-.3921
.100	.0345	-.2296
.200	-.0673	-.0290
.400	-.1826	-.0216
.600	-.1741	.1367
.800	-.1200	.1607
.900	-.0775	.1563
.925	-.0910	.1761

STATION 5

X/C	CPU	CPL
.025	.2258	.1550
.050	.1406	.1478
.075	.0827	-.4584
.150	-.0283	-.4598
.300	-.1727	-.4294
.450	-.1898	-.4163
.600	-.2090	-.0088
.750	-.1474	-.0159
.800	-.1184	.0731
.850	-.0806	.0821

STATION 6

X/C	CPU	CPL
.025	.2313	-.3245
.050	.1293	-.3217
.100	.0483	-.3048
.200	-.0323	-.2051
.300	-.1212	-.1554
.400	-.1531	.0365
.500	-.1596	.0896
.600	-.1521	.1027
.700	-.1447	.1234
.800	-.1091	.1248

(d) $\alpha = 1.94^{o}$

STATION 1

X/C	CPU	CPL
.005	.2917	-.0559
.010	.0939	.0062
.025	.0105	.0519
.050	-.0303	.0575
.100	-.0778	.0585
.200	-.0974	.0669
.300	-.1520	.0787
.400	-.1720	.0618
.500	-.1327	.0707
.600	-.1276	.0109
.700	-.0835	.1407
.800	-.0472	.1390
.900	.0014	-.0205
.950	-.0169	.2175
.970	.0086	

STATION 2

X/C	CPU	CPL
.005	.3208	-.1995
.010	.1106	-.0639
.025	-.0127	-.0447
.050	-.0401	.0244
.100	-.1113	.0254
.200	-.1469	.0772
.300	-.2129	.0919
.400	-.2317	.0834
.500	-.1802	.0808
.600	-.1730	.1282
.700	-.1484	
.800	-.0805	.1756
.900	-.0344	.2100
.925	-.0400	.2290
.950	-.0310	.2606

STATION 3

X/C	CPU	CPL
.010	.2038	-.0708
.025	.0190	-.0724
.050	-.0650	-.0514
.100	-.0878	.0148
.200	-.1645	.0617
.400	-.2237	.0895
.600	-.1916	.1326
.800	-.1039	.1609
.900	-.0438	.1851
.925	-.0522	.2310

STATION 4

X/C	CPU	CPL
.010	.1976	-.1114
.025	.0164	-.0901
.050	-.0719	-.0112
.100	-.0963	-.0102
.200	-.1847	.0025
.400	-.2469	.0073
.600	-.2076	.1458
.800	-.1335	.1606
.900	-.0737	.1687
.925	-.0875	.1989

STATION 5

X/C	CPU	CPL
.025	.0174	.1820
.050	-.0527	.1815
.075	-.0709	.1744
.150	-.1367	.2443
.300	-.2612	.2386
.450	-.2292	.2405
.600	-.2297	.1621
.750	-.1616	.1662
.800	-.1282	.1843
.850	-.0882	.1786

STATION 6

X/C	CPU	CPL
.025	.0350	-.4091
.050	-.0301	-.2676
.100	-.0509	-.0333
.200	-.1192	-.0248
.300	-.1786	-.0296
.400	-.1989	.0751
.500	-.2035	.0628
.600	-.1853	.1209
.700	-.1749	.1371
.800	-.1370	.1456

TABLE I.- Continued

(e) $\alpha = 3.89^{o}$

STATION 1

X/C	CPU	CPL
.005	-.0043	.3059
.010	-.1607	.2277
.025	-.2075	.1973
.050	-.1743	.1705
.100	-.1749	.1152
.200	-.1786	.1247
.300	-.2087	.1176
.400	-.1989	.0910
.500	-.1719	.0934
.600	-.1646	.0159
.700	-.0947	.1557
.800	-.0471	.1571
.900	-.0075	-.0068
.950	-.0033	.2308
.970	.0212	

STATION 2

X/C	CPU	CPL
.005	-.0142	.2343
.010	-.1967	.2338
.025	-.2289	.2002
.050	-.2133	.1615
.100	-.2140	.1321
.200	-.2396	.1386
.300	-.2788	.1358
.400	-.2705	.1291
.500	-.2126	.1075
.600	-.1931	.1382
.700	-.1780	
.800	-.0885	.1831
.900	-.0445	.2063
.925	-.0450	.2342
.950	-.0308	.2616

STATION 3

X/C	CPU	CPL
.010	-.1880	.2157
.025	-.2623	.2073
.050	-.2248	.1719
.100	-.2396	.1294
.200	-.2552	.1380
.400	-.2674	.1389
.600	-.2098	.1531
.800	-.1000	.1842
.900	-.0548	.2130
.925	-.0638	.2589

STATION 4

X/C	CPU	CPL
.010	-.2311	.2419
.025	-.2743	.1772
.050	-.2709	.1814
.100	-.2716	.1573
.200	-.2830	.1573
.400	-.2995	.1421
.600	-.2487	.1876
.800	-.1575	.1871
.900	-.0859	.1996
.925	-.0972	.2188

STATION 5

X/C	CPU	CPL
.025	-.3428	.2275
.050	-.3123	.2232
.075	-.2905	.2157
.150	-.2851	.2583
.300	-.3533	.2501
.450	-.3065	.2511
.600	-.2850	.1677
.750	-.1980	.1715
.800	-.1605	.1786
.850	-.1208	.1805

STATION 6

X/C	CPU	CPL
.025	-.2664	.1786
.050	-.2277	.0867
.100	-.1858	.0795
.200	-.2208	.0691
.300	-.2403	.0966
.400	-.2530	.0819
.500	-.2567	.0909
.600	-.2609	.1059
.700	-.2660	.1287
.800	-.2393	.1320

(f) $\alpha = 5.94^{o}$

STATION 1

X/C	CPU	CPL
.005	-.4300	.4843
.010	-.5092	.4048
.025	-.4607	.3241
.050	-.3195	.2648
.100	-.2901	.2040
.200	-.2654	.1674
.300	-.2548	.1651
.400	-.2443	.1266
.500	-.1973	.1223
.600	-.1623	.0250
.700	-.0905	.1665
.800	-.0569	.1513
.900	-.0045	-.0082
.950	-.0096	.2291
.970	.0274	

STATION 2

X/C	CPU	CPL
.005	-.6091	.5302
.010	-.6463	.4404
.025	-.5859	.3448
.050	-.4992	.2893
.100	-.3700	.2277
.200	-.3472	.1977
.300	-.3364	.1806
.400	-.3259	.1535
.500	-.2438	.1468
.600	-.2428	.1844
.700	-.1941	
.800	-.0953	.2120
.900	-.0463	.2453
.925	-.0515	.2677
.950	-.0325	.2704

STATION 3

X/C	CPU	CPL
.010	-.7516	.4910
.025	-.6403	.3788
.050	-.5068	.3232
.100	-.4320	.2771
.200	-.3758	.2393
.400	-.3387	.2001
.600	-.2549	.2055
.800	-.1306	.2068
.900	-.0508	.2387
.925	-.0691	.2807

STATION 4

X/C	CPU	CPL
.010	-.8652	.5183
.025	-.7311	.3904
.050	-.5904	.3390
.100	-.4678	.3186
.200	-.4079	.2787
.400	-.3708	.2340
.600	-.2898	.2274
.800	-.1895	.2255
.900	-.1107	.2169
.925	-.1150	.2487

STATION 5

X/C	CPU	CPL
.025	-.7177	.2578
.050	-.5804	.2654
.075	-.5283	.2701
.150	-.4525	.2778
.300	-.4505	.2749
.450	-.3752	.2706
.600	-.3288	.2359
.750	-.2373	.2292
.800	-.2023	.2111
.850	-.1586	.2083

STATION 6

X/C	CPU	CPL
.025	-.6339	.2092
.050	-.4634	.2095
.100	-.3696	.2224
.200	-.3230	.1925
.300	-.3594	.1053
.400	-.3637	.0881
.500	-.3784	.0906
.600	-.3813	.1005
.700	-.3918	.1176
.800	-.3600	.1291

TABLE I. - Continued

(g) $\alpha = 7.94^{o}$

STATION 1

X/C	CPU	CPL
.005	-.9047	.5899
.010	-.8971	.5332
.025	-.7257	.4375
.050	-.4432	.3651
.100	-.4125	.2835
.200	-.3365	.2447
.300	-.3157	.2166
.400	-.2886	.1686
.500	-.2395	.1629
.600	-.1978	.0342
.700	-.1003	.1894
.800	-.0637	.1795
.900	-.0036	-.0218
.950	-.0088	.2412
.970	.0314	

STATION 2

X/C	CPU	CPL
.005	-1.3482	.5760
.010	-1.1200	.5612
.025	-1.0626	.4746
.050	-.5912	.3993
.100	-.5411	.3224
.200	-.4561	.2593
.300	-.4336	.2398
.400	-.3889	.2127
.500	-.3103	.1784
.600	-.2643	.2230
.700	-.2048	
.800	-.1202	.2377
.900	-.0409	.2577
.925	-.0483	.2829
.950	-.0223	.2919

STATION 3

X/C	CPU	CPL
.010	-1.5352	.5910
.025	-1.0603	.5053
.050	-.7542	.4471
.100	-.5968	.3649
.200	-.5017	.3039
.400	-.4135	.2563
.600	-.2900	.2465
.800	-.1433	.2398
.900	-.0746	.2530
.925	-.0661	.2655

STATION 4

X/C	CPU	CPL
.010	-2.2485	.6031
.025	-1.0160	.5732
.050	-.8563	.4452
.100	-.6544	.3856
.200	-.5368	.3819
.400	-.4354	.3168
.600	-.3253	.2574
.800	-.1985	.2316
.900	-.1055	.2425
.925	-.1125	.2750

STATION 5

X/C	CPU	CPL
.025	-1.6795	.2896
.050	-1.4377	.3035
.075	-1.1653	.2988
.150	-.5347	.3049
.300	-.5150	.3096
.450	-.4333	.3025
.600	-.3846	.2992
.750	-.2758	.2834
.800	-.2336	.2492
.850	-.1878	.2287

STATION 6

X/C	CPU	CPL
.025	-.9763	.2996
.050	-.9337	.3374
.100	-.8467	.3189
.200	-.5479	.2129
.300	-.4650	.1032
.400	-.4595	.0782
.500	-.4880	.0797
.600	-.4858	.0935
.700	-.5275	.1097
.800	-.4986	.1294

(h) $\alpha = 10.02^{o}$

STATION 1

X/C	CPU	CPL
.005	-1.3520	.6007
.010	-1.2948	.6095
.025	-1.1927	.5421
.050	-.6675	.4338
.100	-.5353	.3627
.200	-.4105	.3009
.300	-.3743	.2632
.400	-.3376	.2166
.500	-.2562	.1976
.600	-.2094	.0465
.700	-.1208	.2171
.800	-.0869	.2018
.900	-.0217	-.0125
.950	.0007	.2461
.970	.0184	

STATION 2

X/C	CPU	CPL
.005	-2.7909	.4891
.010	-1.6361	.5735
.025	-1.2904	.5520
.050	-.9426	.4763
.100	-.7446	.4005
.200	-.5686	.3176
.300	-.5104	.2833
.400	-.4389	.2523
.500	-.3506	.2089
.600	-.2866	.2515
.700	-.2157	
.800	-.1378	.2628
.900	-.0479	.2561
.925	-.0398	.2871
.950	-.0260	.2974

STATION 3

X/C	CPU	CPL
.010	-3.0798	.5844
.025	-2.1179	.5821
.050	-1.0609	.5249
.100	-.7344	.4502
.200	-.5963	.3601
.400	-.4642	.2808
.600	-.3085	.2561
.800	-.1500	.2542
.900	-.0737	.2474
.925	-.0594	.2818

STATION 4

X/C	CPU	CPL
.010	-1.8562	.5859
.025	-1.8949	.5959
.050	-1.8963	.5805
.100	-1.4697	.4885
.200	-.4846	.4657
.400	-.4683	.3591
.600	-.3526	.2747
.800	-.2099	.2455
.900	-.1148	.2585
.925	-.1196	.2866

STATION 5

X/C	CPU	CPL
.025	-1.1991	.2741
.050	-1.2284	.2899
.075	-1.1936	.3024
.150	-1.1549	.2961
.300	-.9981	.2937
.450	-.6443	.2975
.600	-.4479	.2909
.750	-.3408	.2900
.800	-.2926	.2632
.850	-.2375	.2374

STATION 6

X/C	CPU	CPL
.025	-.9159	.2804
.050	-.9017	.2813
.100	-.8795	.2876
.200	-.8425	.2704
.300	-.7641	.1485
.400	-.6819	.0668
.500	-.6754	.0668
.600	-.6481	.0826
.700	-.7140	.0898
.800	-.7183	.0946

TABLE I. - Continued

(i) $\alpha = 12.20^{o}$

STATION 1

X/C	CPU	CPL
.005	-2.8343	.5192
.010	-1.6062	.6290
.025	-1.3390	.6099
.050	-.8855	.5296
.100	-.7075	.4517
.200	-.5127	.3682
.300	-.4337	.3198
.400	-.3648	.2670
.500	-.2975	.2333
.600	-.2466	.0410
.700	-.1326	.2391
.800	-.0871	.2074
.900	-.0211	-.0522
.950	-.0056	.2501
.970	.0154	

STATION 2

X/C	CPU	CPL
.005	-2.2755	.2343
.010	-2.2708	.5183
.025	-2.3314	.5896
.050	-2.3678	.5557
.100	-1.7610	.4657
.200	-.4649	.3843
.300	-.5199	.3364
.400	-.4700	.2757
.500	-.3590	.2466
.600	-.3109	.2677
.700	-.2235	
.800	-.1177	.2552
.900	-.0368	.2578
.925	-.0388	.2659
.950	-.0124	.2770

STATION 3

X/C	CPU	CPL
.010	-1.7496	.5431
.025	-1.7248	.6294
.050	-1.7657	.5741
.100	-1.8026	.4840
.200	-1.3255	.4111
.400	-.3776	.3141
.600	-.3113	.2676
.800	-.1799	.2441
.900	-.0950	.2450
.925	-.1017	.2729

STATION 4

X/C	CPU	CPL
.010	-1.4450	.5431
.025	-1.4077	.6199
.050	-1.3631	.6001
.100	-1.3833	.5395
.200	-1.3769	.5141
.400	-.9170	.3778
.600	-.4703	.2734
.800	-.2621	.2359
.900	-.1697	.2306
.925	-.1812	.2720

STATION 5

X/C	CPU	CPL
.025	-.9808	.2739
.050	-.9593	.2808
.075	-.9542	.2851
.150	-.9313	.3001
.300	-.8337	.2890
.450	-.7406	.2856
.600	-.6216	.2759
.750	-.5108	.2726
.800	-.4726	.2697
.850	-.4325	.2462

STATION 6

X/C	CPU	CPL
.025	-.7693	.4079
.050	-.7464	.4019
.100	-.7578	.3891
.200	-.7629	.3707
.300	-.7347	.1379
.400	-.7182	.0633
.500	-.6289	.0652
.600	-.6216	.0631
.700	-.6275	.0655
.800	-.5993	.0507

(j) $\alpha = 14.33^{o}$

STATION 1

X/C	CPU	CPL
.005	-3.9404	.3515
.010	-2.6490	.6172
.025	-1.7500	.6713
.050	-1.1161	.6016
.100	-.8671	.5312
.200	-.6022	.4282
.300	-.4974	.3699
.400	-.4251	.3083
.500	-.3610	.2713
.600	-.3033	.0536
.700	-.1608	.2665
.800	-.1276	.2351
.900	-.0529	-.0257
.950	-.0486	.2679
.970	.0097	

STATION 2

X/C	CPU	CPL
.005	-1.8875	.3139
.010	-1.9056	.5658
.025	-1.9244	.6476
.050	-1.8888	.6063
.100	-1.9753	.5244
.200	-1.5670	.4195
.300	-.6979	.3746
.400	-.4460	.3189
.500	-.3535	.2825
.600	-.3213	.2963
.700	-.2776	
.800	-.1928	.2693
.900	-.1214	.2528
.925	-.1378	.2889
.950	-.1194	.2951

STATION 3

X/C	CPU	CPL
.010	-1.3705	.5753
.025	-1.3278	.6635
.050	-1.3610	.6176
.100	-1.3517	.5409
.200	-1.2288	.4552
.400	-.9868	.3540
.600	-.5918	.2898
.800	-.3698	.2378
.900	-.2314	.2457
.925	-.2401	.2640

STATION 4

X/C	CPU	CPL
.010	-1.0551	.5520
.025	-1.1221	.6330
.050	-1.0923	.6422
.100	-1.0194	.5816
.200	-.9256	.5858
.400	-.8347	.4271
.600	-.6669	.2867
.800	-.5330	.2112
.900	-.4198	.1853
.925	-.4141	.2031

STATION 5

X/C	CPU	CPL
.025	-.7530	.2070
.050	-.7537	.2133
.075	-.7315	.2244
.150	-.7451	.2282
.300	-.6788	.2418
.450	-.6291	.2409
.600	-.5959	.2337
.750	-.5172	.2303
.800	-.5129	.2206
.850	-.4901	.2188

STATION 6

X/C	CPU	CPL
.025	-.6140	.2433
.050	-.6166	.4007
.100	-.6071	.4079
.200	-.6680	.3992
.300	-.6723	.1463
.400	-.6248	.0876
.500	-.5886	.0940
.600	-.5694	.0772
.700	-.5369	.0828
.800	-.5310	.0445

TABLE I.- Continued

(k) $\alpha = 16.39^{o}$

STATION 1

X/C	CPU	CPL
.005	-4.2487	.1609
.010	-4.2457	.5864
.025	-3.5021	.6892
.050	-1.0088	.6524
.100	-.8715	.5640
.200	-.6233	.4522
.300	-.5376	.4080
.400	-.4650	.3265
.500	-.3801	.2921
.600	-.3453	.0287
.700	-.2134	.2510
.800	-.1723	.2301
.900	-.0810	-.0521
.950	-.0618	.2562
.970	-.0380	

STATION 2

X/C	CPU	CPL
.005	-1.4405	.3262
.010	-1.4483	.5582
.025	-1.4113	.6463
.050	-1.4186	.6260
.100	-1.3445	.5372
.200	-1.2981	.4408
.300	-1.1610	.3828
.400	-.9563	.3333
.500	-.7496	.2812
.600	-.5800	.2979
.700	-.4938	
.800	-.3929	.2399
.900	-.2405	.2214
.925	-.2417	.2485
.950	-.1951	.2573

STATION 3

X/C	CPU	CPL
.010	-1.0907	.5742
.025	-1.0871	.6461
.050	-1.0762	.6356
.100	-1.0296	.5688
.200	-.9686	.4672
.400	-.8822	.3632
.600	-.7087	.2848
.800	-.5506	.2171
.900	-.4423	.1639
.925	-.4263	.1910

STATION 4

X/C	CPU	CPL
.010	-.8612	.5688
.025	-.8844	.6418
.050	-.8620	.6374
.100	-.8503	.6251
.200	-.8372	.6040
.400	-.7542	.4414
.600	-.6615	.2780
.800	-.6023	.1782
.900	-.5190	.1584
.925	-.5348	.1382

STATION 5

X/C	CPU	CPL
.025	-.6990	.1535
.050	-.7083	.1579
.075	-.6982	.3133
.150	-.6924	.3387
.300	-.6876	.3253
.450	-.6680	.3286
.600	-.6072	.3238
.750	-.5971	.3093
.800	-.5704	.2723
.850	-.5748	.2684

STATION 6

X/C	CPU	CPL
.025	-.6122	.5122
.050	-.6256	.4345
.100	-.5891	.4457
.200	-.6289	.4414
.300	-.6355	.1385
.400	-.5849	.0949
.500	-.5530	.0716
.600	-.5600	.0634
.700	-.5233	.0575
.800	-.5453	.0346

(l) $\alpha = 18.44^{o}$

STATION 1

X/C	CPU	CPL
.005	-3.4285	.1540
.010	-3.2297	.6030
.025	-3.2123	.7286
.050	-2.6253	.6968
.100	-1.7805	.6098
.200	-.6288	.5018
.300	-.5561	.4281
.400	-.4978	.3611
.500	-.4527	.3024
.600	-.3951	.0344
.700	-.2485	.2635
.800	-.2523	.2302
.900	-.1741	-.0481
.950	-.1524	.2299
.970	-.0756	

STATION 2

X/C	CPU	CPL
.005	-1.2054	.3240
.010	-1.2554	.5628
.025	-1.2190	.6525
.050	-1.1886	.6469
.100	-1.1467	.5812
.200	-1.0822	.4672
.300	-1.0597	.4050
.400	-.9592	.3542
.500	-.8149	.2887
.600	-.7433	.3108
.700	-.6336	
.800	-.5553	.2203
.900	-.4207	.2073
.925	-.3968	.1985
.950	-.3605	.1903

STATION 3

X/C	CPU	CPL
.010	-.9713	.5683
.025	-.9563	.6647
.050	-.9310	.6537
.100	-.9490	.5975
.200	-.8790	.5001
.400	-.8347	.3740
.600	-.7331	.2931
.800	-.5910	.1927
.900	-.5142	.1421
.925	-.4780	.1426

STATION 4

X/C	CPU	CPL
.010	-.8447	.5441
.025	-.8543	.6356
.050	-.8236	.6356
.100	-.7983	.6399
.200	-.7838	.6084
.400	-.7442	.4527
.600	-.6927	.2832
.800	-.6283	.1768
.900	-.5537	.1439
.925	-.5407	.1175

STATION 5

X/C	CPU	CPL
.025	-.6507	.1624
.050	-.6675	.1782
.075	-.6442	.3501
.150	-.6571	.3545
.300	-.6769	.3627
.450	-.6275	.3517
.600	-.6241	.3377
.750	-.6052	.3329
.800	-.6206	.2547
.850	-.6027	.1788

STATION 6

X/C	CPU	CPL
.025	-.5620	.5157
.050	-.5752	.4532
.100	-.5674	.4097
.200	-.6158	.4083
.300	-.6219	.1514
.400	-.5930	.0922
.500	-.5752	.0914
.600	-.5616	.0686
.700	-.5463	.0498
.800	-.5661	.0252

TABLE I. - Concluded

(m) $\alpha = 20.47^{o}$

STATION 1

X/C	CPU	CPL
.005	-2.1779	.2706
.010	-2.2116	.6277
.025	-2.1388	.7566
.050	-2.0530	.7272
.100	-1.9792	.6533
.200	-1.2651	.5301
.300	-.8075	.4692
.400	-.6402	.3981
.500	-.5299	.3358
.600	-.4571	.0387
.700	-.3428	.2805
.800	-.3432	.2358
.900	-.2524	-.0353
.950	-.2080	.2319
.970	-.1739	

STATION 2

X/C	CPU	CPL
.005	-1.1247	.3000
.010	-1.1435	.5533
.025	-1.1173	.6646
.050	-1.0578	.6683
.100	-1.0440	.5984
.200	-1.0041	.5104
.300	-.9816	.4397
.400	-.8945	.3813
.500	-.8407	.3273
.600	-.7949	.3208
.700	-.6833	
.800	-.6389	.2325
.900	-.5286	.2074
.925	-.4865	.1639
.950	-.4821	.1470

STATION 3

X/C	CPU	CPL
.010	-.8901	.5314
.025	-.9308	.6714
.050	-.9127	.6595
.100	-.8984	.6261
.200	-.8378	.5160
.400	-.7827	.3965
.600	-.7355	.3061
.800	-.6352	.1953
.900	-.5976	.1050
.925	-.5823	.1196

STATION 4

X/C	CPU	CPL
.010	-.8039	.5238
.025	-.7876	.6416
.050	-.7709	.6612
.100	-.7738	.6485
.200	-.7478	.6416
.400	-.7412	.5104
.600	-.6852	.3024
.800	-.6527	.1861
.900	-.6019	.1315
.925	-.5992	.1023

STATION 5

X/C	CPU	CPL
.025	-.6432	.0931
.050	-.6302	.1163
.075	-.6527	.3781
.150	-.6639	.3897
.300	-.6296	.3868
.450	-.6248	.3853
.600	-.6114	.3663
.750	-.6056	.3647
.800	-.5949	.1338
.850	-.5940	.1396

STATION 6

X/C	CPU	CPL
.025	-.5527	.5050
.050	-.5408	.4673
.100	-.5597	.4395
.200	-.5465	.4464
.300	-.5798	.1541
.400	-.5767	.0952
.500	-.5703	.0802
.600	-.5696	.0805
.700	-.5427	.0419
.800	-.5427	.0196

TABLE II.- PRESSURE COEFFICIENTS AT A MACH NUMBER OF 0.40 FOR MODEL STRAKE OFF. $C_{L,d} = 0.35$

(a) $\alpha = -3.90^{o}$

STATION 1

X/C	CPU	CPL
.005	.5572	-1.6053
.010	.5289	-1.5996
.025	.4165	-1.5267
.050	.2847	-.3711
.100	.1996	-.2424
.200	.0739	-.1918
.300	-.0290	-.1302
.400	-.0764	-.1176
.500	-.0934	-.0930
.600	-.1151	-.0722
.700	-.1102	.0238
.800	-.0720	.0522
.900	-.0522	-.0779
.950	-.0802	.1568
.970	-.0457	

STATION 2

X/C	CPU	CPL
.005	.5166	-.8758
.010	.5165	-.8691
.025	.4292	-.8866
.050	.3237	-.8870
.100	.1933	-.9853
.200	.0442	-.6250
.300	-.0658	-.0306
.400	-.1272	-.0002
.500	-.1219	-.0104
.600	-.1459	.0406
.700	-.1501	
.800	-.1028	.1084
.900	-.0808	.1590
.925	-.1001	.1966
.950	-.0993	.2293

STATION 3

X/C	CPU	CPL
.010	.5266	-.7469
.025	.4447	-.7335
.050	.3420	-.7430
.100	.2102	-.7350
.200	.0413	-.7422
.400	-.1127	-.2747
.600	-.1506	.0915
.800	-.1134	.1308
.900	-.0870	.1762
.925	-.1003	.2148

STATION 4

X/C	CPU	CPL
.010	.5203	-.6383
.025	.4397	-.6180
.050	.3351	-.6222
.100	.2166	-.6073
.200	.0448	-.6107
.400	-.1287	-.5909
.600	-.1748	-.0938
.800	-.1486	.0903
.900	-.1070	.1715
.925	-.1201	.2316

STATION 5

X/C	CPU	CPL
.025	.4118	-.0083
.050	.3166	-.1983
.075	.2587	-.3573
.150	.1190	-.3408
.300	-.0783	-.3354
.450	-.1487	-.3340
.600	-.2021	-.3294
.750	-.1759	-.3234
.800	-.1592	-.3178
.850	-.1467	-.3073

STATION 6

X/C	CPU	CPL
.025	.3527	-.2950
.050	.2503	-.2873
.100	.1579	-.2854
.200	.0285	-.2742
.300	-.0845	-.1991
.400	-.1309	-.1873
.500	-.1589	-.1674
.600	-.1703	-.1172
.700	-.1708	-.1024
.800	-.1416	-.0903

(b) $\alpha = -1.96^{o}$

STATION 1

X/C	CPU	CPL
.005	.5404	-1.1779
.010	.4325	-1.0786
.025	.3093	-.5682
.050	.1844	-.2273
.100	.0953	-.1803
.200	-.0122	-.1227
.300	-.0895	-.0792
.400	-.1244	-.0804
.500	-.1282	-.0588
.600	-.1396	-.0618
.700	-.1170	.0425
.800	-.0804	.0661
.900	-.0528	-.0787
.950	-.0768	.1605
.970	-.0486	

STATION 2

X/C	CPU	CPL
.005	.5334	-.9248
.010	.4600	-.9107
.025	.3394	-.9240
.050	.2138	-.9802
.100	.0999	-.3068
.200	-.0214	-.0724
.300	-.1219	-.0558
.400	-.1852	-.0472
.500	-.1575	-.0315
.600	-.1769	.0311
.700	-.1696	
.800	-.1191	.1020
.900	-.0835	.1541
.925	-.0968	.1771
.950	-.0942	.1897

STATION 3

X/C	CPU	CPL
.010	.4853	-.6993
.025	.3513	-.7030
.050	.2430	-.7010
.100	.1137	-.7199
.200	-.0330	-.2641
.400	-.1663	.0088
.600	-.1842	.0610
.800	-.1245	.1131
.900	-.0900	.1529
.925	-.1022	.2059

STATION 4

X/C	CPU	CPL
.010	.4862	-.5982
.025	.3583	-.5826
.050	.2411	-.5895
.100	.1145	-.5899
.200	-.0341	-.5906
.400	-.1741	-.0614
.600	-.2043	.0680
.800	-.1613	.0752
.900	-.1157	.0961
.925	-.1297	.1813

STATION 5

X/C	CPU	CPL
.025	.3375	.1730
.050	.2214	-.2805
.075	.1580	-.3939
.150	.0400	-.3904
.300	-.1491	-.3872
.450	-.1915	-.3879
.600	-.2280	-.1699
.750	-.1746	-.1324
.800	-.1478	.0676
.850	-.1227	.0865

STATION 6

X/C	CPU	CPL
.025	.2966	-.0722
.050	.1748	-.1861
.100	.0921	-.1940
.200	-.0090	-.1852
.300	-.1269	-.1616
.400	-.1578	-.1600
.500	-.1814	-.1202
.600	-.1759	-.1018
.700	-.1660	-.0971
.800	-.1331	-.0942

TABLE II. - Continued

(c) $\alpha = 0.03^{o}$

STATION 1

X/C	CPU	CPL
.005	.4507	-.6513
.010	.2709	-.3059
.025	.1491	-.1918
.050	.0571	-.1259
.100	-.0172	-.0891
.200	-.0876	-.0518
.300	-.1550	-.0241
.400	-.1736	-.0385
.500	-.1712	-.0195
.600	-.1724	-.0512
.700	-.1362	.0657
.800	-.0943	.0785
.900	-.0590	-.0713
.950	-.0752	.1715
.970	-.0435	

STATION 2

X/C	CPU	CPL
.005	.4725	-.8075
.010	.3107	-.8162
.025	.1669	-.7089
.050	.0774	-.1526
.100	-.0178	-.1174
.200	-.1164	-.0480
.300	-.1955	-.0225
.400	-.2451	-.0134
.500	-.1963	.0000
.600	-.2103	.0672
.700	-.1923	
.800	-.1356	.1271
.900	-.0926	.1696
.925	-.1036	.1898
.950	-.0942	.2171

STATION 3

X/C	CPU	CPL
.010	.3829	-.6930
.025	.2090	-.5782
.050	.1009	-.3598
.100	-.0142	-.1214
.200	-.1336	-.0448
.400	-.2185	.0082
.600	-.2196	.0707
.800	-.1419	.1255
.900	-.0983	.1675
.925	-.1064	.2055

STATION 4

X/C	CPU	CPL
.010	.3808	-.7373
.025	.2084	-.4537
.050	.0843	-.2918
.100	-.0010	-.1677
.200	-.1396	-.1656
.400	-.2424	-.1633
.600	-.2421	.0496
.800	-.1720	.0695
.900	-.1235	.0820
.925	-.1361	.1268

STATION 5

X/C	CPU	CPL
.025	.2051	-.0937
.050	.0879	-.4065
.075	.0273	-.5804
.150	-.0667	-.5169
.300	-.2282	-.3831
.450	-.2497	-.1334
.600	-.2600	-.0195
.750	-.1988	-.0003
.800	-.1638	.0747
.850	-.1316	.1016

STATION 6

X/C	CPU	CPL
.025	.2030	-.2683
.050	.0725	-.4496
.100	.0086	-.4426
.200	-.0678	-.2626
.300	-.1852	-.0690
.400	-.2048	-.0049
.500	-.2126	.0436
.600	-.2071	.0771
.700	-.1892	.1091
.800	-.1599	.1197

(d) $\alpha = 2.12^{o}$

STATION 1

X/C	CPU	CPL
.005	.2413	-.1262
.010	.0454	-.0526
.025	-.0454	.0003
.050	-.0808	.0225
.100	-.1319	.0050
.200	-.1710	.0248
.300	-.2209	.0279
.400	-.2339	.0046
.500	-.2103	.0114
.600	-.2007	-.0397
.700	-.1434	.0877
.800	-.1082	.0927
.900	-.0635	-.0628
.950	-.0766	.1796
.970	-.0383	

STATION 2

X/C	CPU	CPL
.005	.2630	-.2570
.010	.0573	-.1857
.025	-.0534	-.0698
.050	-.1124	-.0094
.100	-.1543	.0021
.200	-.2275	.0218
.300	-.2769	.0381
.400	-.3130	.0336
.500	-.2560	.0322
.600	-.2515	.0791
.700	-.2173	
.800	-.1500	.1334
.900	-.1008	.1715
.925	-.1073	.2005
.950	-.0954	.2209

STATION 3

X/C	CPU	CPL
.010	.1482	-.1670
.025	-.0458	-.0843
.050	-.0920	-.0325
.100	-.1563	-.0038
.200	-.2312	.0396
.400	-.2934	.0561
.600	-.2557	.0837
.800	-.1613	.1317
.900	-.1142	.1677
.925	-.1186	.2100

STATION 4

X/C	CPU	CPL
.010	.1269	-.1349
.025	-.0487	-.1215
.050	-.1094	-.0723
.100	-.1731	-.0013
.200	-.2481	-.0020
.400	-.3108	.0499
.600	-.2851	.1145
.800	-.1945	.1158
.900	-.1311	.1155
.925	-.1453	.2021

STATION 5

X/C	CPU	CPL
.025	-.0372	.1968
.050	-.1329	-.0361
.075	-.1403	-.0189
.150	-.1966	-.1451
.300	-.3233	-.1405
.450	-.3042	-.0694
.600	-.3027	.0706
.750	-.2181	.0848
.800	-.1883	.1253
.850	-.1486	.1282

STATION 6

X/C	CPU	CPL
.025	-.0304	-.3217
.050	-.1138	-.1517
.100	-.1187	-.0544
.200	-.1485	-.0201
.300	-.2435	.0125
.400	-.2618	.0138
.500	-.2542	.0601
.600	-.2524	.0726
.700	-.2330	.0909
.800	-.2141	.0964

TABLE II. - Continued

(e) $\alpha = 4.09^{o}$

STATION 1

X/C	CPU	CPL
.005	-.0633	.2346
.010	-.2229	.1819
.025	-.2678	.1656
.050	-.2389	.1236
.100	-.2479	.0983
.200	-.2396	.0808
.300	-.2742	.0737
.400	-.2761	.0517
.500	-.2507	.0458
.600	-.2329	-.0315
.700	-.1658	.1092
.800	-.1179	.1084
.900	-.0682	-.0688
.950	-.0720	.1674
.970	-.0323	

STATION 2

X/C	CPU	CPL
.005	-.0924	.2450
.010	-.2617	.2034
.025	-.3560	.1583
.050	-.2934	.1362
.100	-.2960	.0946
.200	-.3285	.1002
.300	-.3564	.0979
.400	-.3660	.0750
.500	-.2961	.0706
.600	-.2759	.1160
.700	-.2369	
.800	-.1559	.1518
.900	-.1030	.1806
.925	-.1144	.2070
.950	-.1006	.2305

STATION 3

X/C	CPU	CPL
.010	-.2404	.2066
.025	-.3458	.1409
.050	-.3239	.1201
.100	-.3232	.1036
.200	-.3491	.1064
.400	-.3650	.0974
.600	-.2953	.1201
.800	-.1775	.1443
.900	-.1214	.1844
.925	-.1232	.2124

STATION 4

X/C	CPU	CPL
.010	-.3944	.2328
.025	-.3799	.1368
.050	-.3759	.1357
.100	-.3379	.1232
.200	-.3705	.1232
.400	-.3860	.1148
.600	-.3271	.1372
.800	-.2129	.1399
.900	-.1406	.1441
.925	-.1480	.1913

STATION 5

X/C	CPU	CPL
.025	-.4242	.1950
.050	-.3744	.1938
.075	-.3502	.1268
.150	-.3456	.0820
.300	-.4117	.0337
.450	-.3818	.0596
.600	-.3556	.1046
.750	-.2622	.1055
.800	-.2219	.1350
.850	-.1841	.1336

STATION 6

X/C	CPU	CPL
.025	-.3298	.0646
.050	-.3195	.0456
.100	-.2817	.0367
.200	-.2698	.0260
.300	-.3296	.0561
.400	-.3323	.0332
.500	-.3353	.0496
.600	-.3353	.0655
.700	-.3396	.0809
.800	-.3205	.0855

(f) $\alpha = 6.21^{o}$

STATION 1

X/C	CPU	CPL
.005	-.4922	.4861
.010	-.5776	.3846
.025	-.5630	.3058
.050	-.3947	.2300
.100	-.3746	.1740
.200	-.3281	.1510
.300	-.3352	.1299
.400	-.3157	.0967
.500	-.2785	.0823
.600	-.2506	-.0297
.700	-.1689	.1299
.800	-.1256	.1231
.900	-.0707	-.0684
.950	-.0673	.1933
.970	-.0327	

STATION 2

X/C	CPU	CPL
.005	-.7400	.4846
.010	-.7637	.4120
.025	-.6964	.3285
.050	-.5792	.2616
.100	-.4676	.1905
.200	-.4400	.1595
.300	-.4404	.1453
.400	-.4204	.1198
.500	-.3411	.1054
.600	-.3097	.1450
.700	-.2600	
.800	-.1758	.1684
.900	-.1113	.1987
.925	-.1114	.2134
.950	-.0956	.2249

STATION 3

X/C	CPU	CPL
.010	-.9088	.4405
.025	-.7971	.3461
.050	-.6523	.2967
.100	-.4758	.2238
.200	-.4774	.1849
.400	-.4367	.1368
.600	-.3396	.1520
.800	-.1956	.1626
.900	-.1268	.1882
.925	-.1249	.2216

STATION 4

X/C	CPU	CPL
.010	-1.0323	.4655
.025	-.8765	.3692
.050	-.7386	.2900
.100	-.5334	.2724
.200	-.5032	.2023
.400	-.4638	.1658
.600	-.3702	.1689
.800	-.2328	.1612
.900	-.1475	.1732
.925	-.1584	.2095

STATION 5

X/C	CPU	CPL
.025	-.8373	.2117
.050	-.7152	.2132
.075	-.5982	.2262
.150	-.5176	.1643
.300	-.5208	.1678
.450	-.4466	.1680
.600	-.4079	.1589
.750	-.3073	.1623
.800	-.2701	.1502
.850	-.2265	.1459

STATION 6

X/C	CPU	CPL
.025	-.6876	.1799
.050	-.5897	.1907
.100	-.4667	.1801
.200	-.4001	.0908
.300	-.4453	.0598
.400	-.4579	.0188
.500	-.4646	.0299
.600	-.4673	.0410
.700	-.4849	.0574
.800	-.4520	.0667

TABLE II. - Continued

(g) $\alpha = 8.31^{o}$

STATION 1

X/C	CPU	CPL
.005	-1.0280	.5695
.010	-.9898	.5017
.025	-.8677	.4218
.050	-.5544	.3308
.100	-.5015	.2635
.200	-.4173	.2147
.300	-.3995	.1790
.400	-.3598	.1352
.500	-.3063	.1198
.600	-.2739	-.0084
.700	-.1877	.1560
.800	-.1393	.1436
.900	-.0774	-.0674
.950	-.0640	.2050
.970	-.0283	

STATION 2

X/C	CPU	CPL
.005	-1.6449	.5401
.010	-1.3896	.5270
.025	-1.1133	.4409
.050	-.7963	.3655
.100	-.6511	.2768
.200	-.5475	.2305
.300	-.5269	.1951
.400	-.4815	.1677
.500	-.3778	.1449
.600	-.3365	.1701
.700	-.2807	
.800	-.1860	.1818
.900	-.1104	.1982
.925	-.1080	.2182
.950	-.0874	.2340

STATION 3

X/C	CPU	CPL
.010	-1.5431	.5333
.025	-1.1579	.4686
.050	-.9005	.3965
.100	-.7153	.3086
.200	-.6023	.2410
.400	-.4994	.1751
.600	-.3661	.1709
.800	-.2091	.1706
.900	-.1299	.1911
.925	-.1248	.2276

STATION 4

X/C	CPU	CPL
.010	-2.4321	.5375
.025	-1.2467	.4738
.050	-.9987	.4171
.100	-.7626	.3410
.200	-.6518	.2785
.400	-.5469	.2204
.600	-.4127	.1897
.800	-.2573	.1722
.900	-.1682	.1830
.925	-.1666	.2181

STATION 5

X/C	CPU	CPL
.025	-1.7982	.2295
.050	-1.7221	.2373
.075	-1.4478	.3312
.150	-.6157	.3273
.300	-.5951	.3107
.450	-.5068	.2641
.600	-.4688	.1609
.750	-.3651	.1590
.800	-.3236	.1442
.850	-.2738	.1350

STATION 6

X/C	CPU	CPL
.025	-1.0526	.3891
.050	-1.0246	.3291
.100	-.9611	.2162
.200	-.7420	.0720
.300	-.5712	.0402
.400	-.5578	.0145
.500	-.5863	.0119
.600	-.5803	.0220
.700	-.6410	.0355
.800	-.6268	.0394

(h) $\alpha = 10.51^{o}$

STATION 1

X/C	CPU	CPL
.005	-1.9164	.5906
.010	-1.4752	.5870
.025	-1.1140	.5253
.050	-.7856	.4273
.100	-.6589	.3574
.200	-.5044	.2827
.300	-.4717	.2468
.400	-.4161	.1913
.500	-.3442	.1637
.600	-.3026	.0005
.700	-.1993	.1851
.800	-.1507	.1686
.900	-.0874	-.0469
.950	-.0789	.2207
.970	-.0406	

STATION 2

X/C	CPU	CPL
.005	-3.3356	.4417
.010	-1.9389	.5503
.025	-1.4982	.5409
.050	-1.1215	.4759
.100	-.8773	.3793
.200	-.6764	.2947
.300	-.6067	.2691
.400	-.5498	.2172
.500	-.4386	.1932
.600	-.3800	.2064
.700	-.3018	
.800	-.2004	.2010
.900	-.1185	.2090
.925	-.1085	.2296
.950	-.0809	.2475

STATION 3

X/C	CPU	CPL
.010	-2.6434	.5333
.025	-2.4752	.5433
.050	-1.9358	.4901
.100	-.8447	.4060
.200	-.6707	.3171
.400	-.5496	.2422
.600	-.3961	.2014
.800	-.2198	.1938
.900	-.1382	.2011
.925	-.1254	.2312

STATION 4

X/C	CPU	CPL
.010	-1.8212	.5430
.025	-1.8293	.5531
.050	-1.8453	.4918
.100	-1.8366	.4100
.200	-1.0511	.3961
.400	-.5254	.2905
.600	-.4254	.2180
.800	-.2698	.1841
.900	-.1754	.1958
.925	-.1849	.2362

STATION 5

X/C	CPU	CPL
.025	-1.2462	.2345
.050	-1.2519	.2441
.075	-1.2109	.3787
.150	-1.1852	.3753
.300	-1.0649	.3644
.450	-.8315	.3294
.600	-.6133	.1673
.750	-.4448	.1667
.800	-.4002	.1440
.850	-.3620	.1319

STATION 6

X/C	CPU	CPL
.025	-.9698	.3594
.050	-.9587	.3580
.100	-.9434	.3528
.200	-.9058	.1304
.300	-.8655	.0384
.400	-.8070	-.0041
.500	-.7798	.0039
.600	-.7560	.0115
.700	-.8082	.0230
.800	-.7838	.0226

TABLE II. - Continued

(i) $\alpha = 12.70^{o}$

STATION 1

X/C	CPU	CPL
.005	-3.0849	.5164
.010	-1.9882	.6129
.025	-1.4965	.5845
.050	-1.0163	.5095
.100	-.8272	.4148
.200	-.6281	.3419
.300	-.5390	.2927
.400	-.4637	.2342
.500	-.3847	.1925
.600	-.3276	-.0051
.700	-.2165	.2041
.800	-.1731	.1776
.900	-.1024	-.0703
.950	-.0962	.2247
.970	-.0623	

STATION 2

X/C	CPU	CPL
.005	-2.2771	.3031
.010	-2.2699	.5356
.025	-2.2319	.5726
.050	-2.2552	.5336
.100	-2.1721	.4333
.200	-.4299	.3454
.300	-.5646	.2957
.400	-.5697	.2522
.500	-.4517	.2135
.600	-.3996	.2138
.700	-.3338	
.800	-.2308	.1979
.900	-.1501	.2011
.925	-.1437	.2160
.950	-.1197	.2284

STATION 3

X/C	CPU	CPL
.010	-1.7294	.5210
.025	-1.6829	.5740
.050	-1.6953	.5402
.100	-1.6850	.4498
.200	-1.6034	.3581
.400	-.5891	.2698
.600	-.3795	.2131
.800	-.2666	.1878
.900	-.2051	.1946
.925	-.2148	.2160

STATION 4

X/C	CPU	CPL
.010	-1.3689	.5173
.025	-1.3498	.5726
.050	-1.3424	.5218
.100	-1.2837	.4464
.200	-1.2286	.4407
.400	-1.0222	.3251
.600	-.7186	.2179
.800	-.4751	.1636
.900	-.3563	.1586
.925	-.3416	.1916

STATION 5

X/C	CPU	CPL
.025	-.9399	.2102
.050	-.9592	.3788
.075	-.9306	.4213
.150	-.9098	.4222
.300	-.8322	.3653
.450	-.7404	.2921
.600	-.6528	.1564
.750	-.5816	.1419
.800	-.5481	.0901
.850	-.5256	.0851

STATION 6

X/C	CPU	CPL
.025	-.7612	.4115
.050	-.7613	.4131
.100	-.7555	.2534
.200	-.7953	.0936
.300	-.7766	.0499
.400	-.7152	.0036
.500	-.6867	.0016
.600	-.6692	.0054
.700	-.6383	.0085
.800	-.6216	-.0118

(j) $\alpha = 14.94^{o}$

STATION 1

X/C	CPU	CPL
.005	-3.6650	.4051
.010	-3.4455	.6222
.025	-2.6575	.6459
.050	-1.0277	.5722
.100	-.8813	.4880
.200	-.6454	.3974
.300	-.5667	.3404
.400	-.5061	.2724
.500	-.4296	.2289
.600	-.3763	.0014
.700	-.2728	.2145
.800	-.2375	.1828
.900	-.1449	-.1033
.950	-.1294	.2139
.970	-.0895	

STATION 2

X/C	CPU	CPL
.005	-1.6385	.3776
.010	-1.6102	.5640
.025	-1.5815	.6053
.050	-1.5321	.5712
.100	-1.4819	.4838
.200	-1.4861	.3908
.300	-1.2302	.3332
.400	-.9049	.2791
.500	-.7071	.2309
.600	-.5706	.2321
.700	-.4469	
.800	-.3743	.1883
.900	-.2508	.1818
.925	-.2811	.1974
.950	-.2703	.2121

STATION 3

X/C	CPU	CPL
.010	-1.2664	.5395
.025	-1.2332	.5946
.050	-1.2047	.5592
.100	-1.1524	.4895
.200	-1.0787	.3919
.400	-.9669	.2820
.600	-.7518	.2237
.800	-.5699	.1616
.900	-.4757	.1412
.925	-.4536	.1494

STATION 4

X/C	CPU	CPL
.010	-.9879	.5308
.025	-.9832	.5808
.050	-.9624	.5467
.100	-.9518	.4782
.200	-.9080	.4687
.400	-.7926	.3763
.600	-.7105	.2101
.800	-.6015	.1263
.900	-.5198	.0927
.925	-.5183	.0974

STATION 5

X/C	CPU	CPL
.025	-.7622	.2964
.050	-.7449	.3928
.075	-.7350	.4466
.150	-.7390	.3763
.300	-.7272	.3689
.450	-.6949	.3337
.600	-.6407	.1420
.750	-.5949	.1328
.800	-.5949	.0619
.850	-.5755	.0592

STATION 6

X/C	CPU	CPL
.025	-.6390	.3690
.050	-.6656	.3660
.100	-.6683	.2679
.200	-.7086	.1931
.300	-.6945	.0619
.400	-.6529	.0056
.500	-.6270	.0059
.600	-.6211	.0079
.700	-.6035	-.0098
.800	-.5870	-.0349

TABLE II. - Continued

(k) $\alpha = 17.05^{o}$

STATION 1

X/C	CPU	CPL
.005	-3.4021	.3453
.010	-3.5227	.6340
.025	-3.3065	.6876
.050	-2.0778	.6205
.100	-.8812	.5443
.200	-.6676	.4435
.300	-.6325	.3716
.400	-.5595	.2970
.500	-.4898	.2518
.600	-.4457	-.0070
.700	-.3389	.2224
.800	-.3042	.1732
.900	-.2229	-.0919
.950	-.1881	.2072
.970	-.1414	

STATION 2

X/C	CPU	CPL
.005	-1.3212	.3681
.010	-1.3399	.5499
.025	-1.2930	.6178
.050	-1.2857	.5939
.100	-1.2614	.5052
.200	-1.2176	.4096
.300	-1.1098	.3505
.400	-.9929	.2858
.500	-.8694	.2433
.600	-.7576	.2440
.700	-.6582	
.800	-.5614	.1752
.900	-.4712	.1412
.925	-.4333	.1597
.950	-.4260	.1481

STATION 3

X/C	CPU	CPL
.010	-1.0306	.5372
.025	-.9982	.6105
.050	-1.0318	.5877
.100	-.9870	.5146
.200	-.9510	.4214
.400	-.8871	.3064
.600	-.7463	.2232
.800	-.6448	.1371
.900	-.5660	.1002
.925	-.5551	.0987

STATION 4

X/C	CPU	CPL
.010	-.8721	.5273
.025	-.8663	.5854
.050	-.8770	.5839
.100	-.8808	.4982
.200	-.8542	.4957
.400	-.7920	.3912
.600	-.7261	.2209
.800	-.6532	.1010
.900	-.5954	.0618
.925	-.5915	.0669

STATION 5

X/C	CPU	CPL
.025	-.7217	.2731
.050	-.7144	.4153
.075	-.7080	.4710
.150	-.7162	.4538
.300	-.7010	.4491
.450	-.6852	.4081
.600	-.6601	.1424
.750	-.6400	.1139
.800	-.6368	.0471
.850	-.6322	.0505

STATION 6

X/C	CPU	CPL
.025	-.6298	.3590
.050	-.6215	.3826
.100	-.6306	.3218
.200	-.6472	.1327
.300	-.6628	.0810
.400	-.6348	.0169
.500	-.5962	.0116
.600	-.5993	-.0011
.700	-.5814	-.0118
.800	-.5681	-.0425

(l) $\alpha = 19.16^{o}$

STATION 1

X/C	CPU	CPL
.005	-2.4057	.3658
.010	-2.4539	.6524
.025	-2.2439	.7151
.050	-2.3406	.6670
.100	-2.0889	.5826
.200	-1.0917	.4734
.300	-.6735	.4014
.400	-.5826	.3248
.500	-.5502	.2754
.600	-.5292	.0129
.700	-.3987	.2303
.800	-.3848	.1739
.900	-.3073	-.1061
.950	-.2705	.1761
.970	-.2215	

STATION 2

X/C	CPU	CPL
.005	-1.1760	.3458
.010	-1.1672	.5439
.025	-1.1463	.6180
.050	-1.1243	.6073
.100	-1.0998	.5346
.200	-1.0316	.4354
.300	-1.0205	.3775
.400	-.9440	.3157
.500	-.8697	.2562
.600	-.8089	.2361
.700	-.7354	
.800	-.6546	.1588
.900	-.5700	.1004
.925	-.5462	.0972
.950	-.5252	.0790

STATION 3

X/C	CPU	CPL
.010	-.9405	.5245
.025	-.9271	.6124
.050	-.9065	.6033
.100	-.9274	.5371
.200	-.9057	.4508
.400	-.8506	.3215
.600	-.7624	.2311
.800	-.6745	.1212
.900	-.6256	.0861
.925	-.6210	.0443

STATION 4

X/C	CPU	CPL
.010	-.8590	.4850
.025	-.8655	.5833
.050	-.8353	.5858
.100	-.8233	.5155
.200	-.8114	.5121
.400	-.7766	.4297
.600	-.7320	.2191
.800	-.6768	.0850
.900	-.6298	.0383
.925	-.6251	.0371

STATION 5

X/C	CPU	CPL
.025	-.6838	.2248
.050	-.6910	.3967
.075	-.6825	.4757
.150	-.6668	.4615
.300	-.6717	.4609
.450	-.6607	.3405
.600	-.6736	.1483
.750	-.6493	.1219
.800	-.6364	.0473
.850	-.6392	.0420

STATION 6

X/C	CPU	CPL
.025	-.5980	.3484
.050	-.6059	.3902
.100	-.6254	.3260
.200	-.6351	.2141
.300	-.6387	.0658
.400	-.6504	.0050
.500	-.6031	.0020
.600	-.6167	-.0238
.700	-.6100	-.0227
.800	-.6030	-.0565

TABLE II. - Concluded

(m) $\alpha = 21.20^{o}$

STATION 1

X/C	CPU	CPL
.005	-1.8744	.3693
.010	-1.9408	.6607
.025	-1.8048	.7279
.050	-1.8071	.6980
.100	-1.7219	.6192
.200	-1.3956	.5109
.300	-1.0003	.4389
.400	-.8050	.3625
.500	-.6742	.2922
.600	-.6246	-.0000
.700	-.4863	.2405
.800	-.4865	.1792
.900	-.3608	-.1145
.950	-.3574	.1491
.970	-.2819	

STATION 2

X/C	CPU	CPL
.005	-1.0569	.3151
.010	-1.0287	.5259
.025	-1.0665	.6221
.050	-1.0268	.6320
.100	-1.0286	.5618
.200	-.9928	.4744
.300	-.9460	.4054
.400	-.9340	.3495
.500	-.8918	.2760
.600	-.8369	.2689
.700	-.7735	
.800	-.6997	.1560
.900	-.6246	.0767
.925	-.5954	.0564
.950	-.6072	.0473

STATION 3

X/C	CPU	CPL
.010	-.9173	.4940
.025	-.9066	.6123
.050	-.9112	.6129
.100	-.8988	.5615
.200	-.8843	.4607
.400	-.8313	.3454
.600	-.7787	.2401
.800	-.7091	.1153
.900	-.6573	.0369
.925	-.6672	.0419

STATION 4

X/C	CPU	CPL
.010	-.8093	.4713
.025	-.8362	.5958
.050	-.8285	.5905
.100	-.7979	.5890
.200	-.7871	.5750
.400	-.7739	.4975
.600	-.7343	.2353
.800	-.6901	.0862
.900	-.6652	.0387
.925	-.6666	.0260

STATION 5

X/C	CPU	CPL
.025	-.6938	.3098
.050	-.6873	.3945
.075	-.6951	.5022
.150	-.6855	.4925
.300	-.6861	.4942
.450	-.6698	.4451
.600	-.6739	.1540
.750	-.6735	.1099
.800	-.6652	.0356
.850	-.6693	.0374

STATION 6

X/C	CPU	CPL
.025	-.6104	.3618
.050	-.6028	.4066
.100	-.6054	.3767
.200	-.6020	.1381
.300	-.6217	.0806
.400	-.6345	.0245
.500	-.6220	.0032
.600	-.6217	-.0090
.700	-.6225	-.0317
.800	-.6065	-.0461

TABLE III.- PRESSURE COEFFICIENTS AT A MACH NUMBER OF 0.20 FOR MODEL WITH STRAKE ON. $C_{L,d} = 0.35$

(a) $\alpha = -3.79^{o}$

STATION 1

X/C	CPU	CPL
.005	.2744	.0581
.010	.2711	.0124
.025	.2403	-.0340
.050	.1875	-.0725
.100	.1605	-.0945
.200	.0987	-.0840
.300	.0235	-.0490
.400	-.0141	-.0339
.500	-.0130	-.0226
.600	-.0332	-.0277
.700	-.0290	.0813
.800	.0084	.0991
.900	.0333	-.0340
.950	.0087	.2028
.970	.0366	

STATION 2

X/C	CPU	CPL
.005	.5747	-1.0211
.010	.5908	-1.0409
.025	.4886	-1.0644
.050	.3846	-1.1769
.100	.2724	-.9811
.200	.1143	.0230
.300	.0036	-.0021
.400	-.0489	-.0026
.500	-.0449	.0023
.600	-.0779	.0687
.700	-.0622	
.800	-.0272	.1750
.900	.0004	.2171
.925	-.0188	.2427
.950	-.0220	.2531

STATION 3

X/C	CPU	CPL
.010	.5916	-.7746
.025	.5039	-.7846
.050	.4025	-.7900
.100	.2755	-.8466
.200	.1137	-.7729
.400	-.0325	.1357
.600	-.0712	.1364
.800	-.0369	.1840
.900	-.0130	.2275
.925	-.0270	.2676

STATION 4

X/C	CPU	CPL
.010	.5777	-.6064
.025	.5104	-.6143
.050	.4114	-.6157
.100	.2793	-.6234
.200	.1213	-.6383
.400	-.0434	-.2361
.600	-.0977	.2213
.800	-.1025	.2181
.900	-.0620	.2360
.925	-.0660	.3071

STATION 5

X/C	CPU	CPL
.025	.4444	-.0502
.050	.3440	-.1885
.075	.2836	-.2786
.150	.1591	.0201
.300	-.0411	.0183
.450	-.0994	.0027
.600	-.1491	-.2631
.750	-.1310	-.2219
.800	-.1078	-.1233
.850	-.0842	-.0924

STATION 6

X/C	CPU	CPL
.025	.4026	-.0958
.050	.2962	-.1463
.100	.2034	-.1265
.200	.0640	-.1208
.300	-.0390	-.0748
.400	-.0810	-.0674
.500	-.1014	-.0419
.600	-.1192	-.0323
.700	-.1223	-.0136
.800	-.0971	-.0028

(b) $\alpha = -1.91^{o}$

STATION 1

X/C	CPU	CPL
.005	.2518	.1290
.010	.2499	.0588
.025	.1988	.0244
.050	.1546	-.0123
.100	.1087	-.0418
.200	.0434	-.0325
.300	-.0104	-.0174
.400	-.0473	-.0060
.500	-.0475	-.0094
.600	-.0514	-.0079
.700	-.0250	.0914
.800	-.0032	.0985
.900	.0311	-.0450
.950	.0206	.2033
.970	.0396	

STATION 2

X/C	CPU	CPL
.005	.5935	-.8845
.010	.5163	-.9127
.025	.4083	-.9155
.050	.2910	-1.0425
.100	.1469	-.0061
.200	.0348	-.0492
.300	-.0505	-.0101
.400	-.0860	.0130
.500	-.0720	.0168
.600	-.0900	.0951
.700	-.0711	
.800	-.0262	.1607
.900	.0005	.2026
.925	-.0169	.2215
.950	-.0187	.2450

STATION 3

X/C	CPU	CPL
.010	.5616	-.6080
.025	.4099	-.6363
.050	.3047	-.6313
.100	.1776	-.6580
.200	.0285	-.1225
.400	-.0928	.0670
.600	-.0918	.1239
.800	-.0369	.1797
.900	-.0133	.2141
.925	-.0214	.2530

STATION 4

X/C	CPU	CPL
.010	.5488	-.5084
.025	.4051	-.5021
.050	.3080	-.5014
.100	.1744	-.5452
.200	.0322	-.5375
.400	-.0938	-.0170
.600	-.1189	.1589
.800	-.1107	.1800
.900	-.0701	.1773
.925	-.0818	.2176

STATION 5

X/C	CPU	CPL
.025	.3583	-.1012
.050	.2476	-.2379
.075	.1979	-.3287
.150	.0810	-.2120
.300	-.1049	-.2189
.450	-.1431	-.2321
.600	-.1696	.0442
.750	-.1207	.1183
.800	-.0989	.1805
.850	-.0660	.1871

STATION 6

X/C	CPU	CPL
.025	.3338	-.0795
.050	.2205	-.1655
.100	.1301	-.1475
.200	.0133	-.1063
.300	-.0719	-.0739
.400	-.0991	-.0666
.500	-.1275	-.0457
.600	-.1270	-.0607
.700	-.1180	-.0553
.800	-.0805	-.0378

TABLE III. - Continued

(c) α = -0.02°

STATION 1

X/C	CPU	CPL
.005	.2328	.1327
.010	.2273	.0792
.025	.1733	.0441
.050	.1066	.0186
.100	.0547	-.0034
.200	-.0158	-.0004
.300	-.0688	.0153
.400	-.0942	.0052
.500	-.0925	.0181
.600	-.0808	-.0130
.700	-.0526	.0894
.800	-.0187	.1043
.900	.0098	-.0256
.950	.0137	.1789
.970	.0321	

STATION 2

X/C	CPU	CPL
.005	.5334	-.6663
.010	.3787	-.6687
.025	.2658	-.6323
.050	.1472	-.1331
.100	.0604	-.0624
.200	-.0432	-.0134
.300	-.1253	.0188
.400	-.1497	.0272
.500	-.1176	.0316
.600	-.1235	.1109
.700	-.1056	
.800	-.0499	.1720
.900	-.0061	.2077
.925	-.0241	.2330
.950	-.0084	.2495

STATION 3

X/C	CPU	CPL
.010	.4571	-.4918
.025	.2732	-.5074
.050	.1719	-.3146
.100	.0645	-.0445
.200	-.0523	.0119
.400	-.1403	.0640
.600	-.1358	.1179
.800	-.0583	.1738
.900	-.0201	.2062
.925	-.0383	.2376

STATION 4

X/C	CPU	CPL
.010	.4485	-.5411
.025	.2652	-.5518
.050	.1676	-.4395
.100	.0512	-.1009
.200	-.0624	.0001
.400	-.1690	.0399
.600	-.1506	.1403
.800	-.1359	.1668
.900	-.0842	.1846
.925	-.0947	.2252

STATION 5

X/C	CPU	CPL
.025	.2127	-.1145
.050	.1231	-.2643
.075	.0667	-.4434
.150	-.0281	-.3577
.300	-.1880	-.3655
.450	-.2115	-.2469
.600	-.2055	.0851
.750	-.1604	.0883
.800	-.1280	.0906
.850	-.1009	.0837

STATION 6

X/C	CPU	CPL
.025	.2293	-.1067
.050	.1061	-.3206
.100	.0353	-.2882
.200	-.0521	-.1940
.300	-.1327	.0275
.400	-.1667	.0716
.500	-.1579	.1018
.600	-.1649	.1313
.700	-.1588	.1607
.800	-.1146	.1748

(d) α = 1.91°

STATION 1

X/C	CPU	CPL
.005	.2271	.1761
.010	.2198	.1221
.025	.1590	.0876
.050	.0781	.0532
.100	.0170	.0438
.200	-.0590	.0589
.300	-.1189	.0608
.400	-.1251	.0514
.500	-.1170	.0491
.600	-.1105	-.0017
.700	-.0548	.1175
.800	-.0244	.1199
.900	.0139	+.0266
.950	-.0019	.1910
.970	.0422	

STATION 2

X/C	CPU	CPL
.005	.3638	-.2379
.010	.1498	-.0955
.025	.0338	-.0338
.050	-.0113	.0306
.100	-.0770	.0371
.200	-.1396	.0533
.300	-.1890	.0784
.400	-.2106	.0784
.500	-.1568	.0723
.600	-.1493	.1334
.700	-.1263	
.800	-.0698	.1802
.900	-.0134	.2126
.925	-.0206	.2409
.950	-.0103	.2684

STATION 3

X/C	CPU	CPL
.010	.2320	-.1051
.025	.0325	-.0245
.050	-.0071	.0256
.100	-.0751	.0558
.200	-.1495	.0822
.400	-.1956	.1057
.600	-.1666	.1552
.800	-.0810	.1786
.900	-.0313	.2270
.925	-.0340	.2578

STATION 4

X/C	CPU	CPL
.010	.2348	-.0964
.025	.0266	-.0642
.050	-.0089	-.0100
.100	-.0905	-.0072
.200	-.1562	-.0137
.400	-.2108	-.0014
.600	-.1875	.1633
.800	-.1480	.1767
.900	-.0925	.1814
.925	-.1000	.1889

STATION 5

X/C	CPU	CPL
.025	-.0016	.1684
.050	-.0626	.1001
.075	-.0743	.0297
.150	-.1509	-.1153
.300	-.2575	.0586
.450	-.2480	.0997
.600	-.2416	.1720
.750	-.1722	.1851
.800	-.1375	.1833
.850	-.1063	.1847

STATION 6

X/C	CPU	CPL
.025	.0232	-.3573
.050	-.0208	-.0168
.100	-.0571	.0135
.200	-.1367	.0624
.300	-.1897	.1062
.400	-.2039	.1078
.500	-.2011	.1156
.600	-.2052	.1319
.700	-.1889	.1487
.800	-.1488	.1571

TABLE III. - Continued

(e) $\alpha = 3.89^{o}$

STATION 1

X/C	CPU	CPL
.005	.1519	.2050
.010	.1682	.1501
.025	.1374	.1143
.050	.0755	.0976
.100	.0096	.0945
.200	-.0933	.0938
.300	-.1456	.1051
.400	-.1691	.0825
.500	-.1504	.0676
.600	-.1339	.0070
.700	-.0777	.1408
.800	-.0520	.1358
.900	.0056	-.0248
.950	-.0181	.2105
.970	.0214	

STATION 2

X/C	CPU	CPL
.005	.0070	.2375
.010	-.1962	.1865
.025	-.2585	.1693
.050	-.1929	.1664
.100	-.2027	.1326
.200	-.2230	.1232
.300	-.2482	.1117
.400	-.2519	.1102
.500	-.1950	.1046
.600	-.1752	.1686
.700	-.1411	
.800	-.0699	.2101
.900	-.0045	.2321
.925	-.0108	.2628
.950	.0063	.2773

STATION 3

X/C	CPU	CPL
.010	-.1657	.2572
.025	-.2349	.1943
.050	-.2260	.1920
.100	-.2218	.1709
.200	-.2491	.1640
.400	-.2592	.1491
.600	-.1925	.1859
.800	-.0931	.2055
.900	-.0410	.2395
.925	-.0474	.2671

STATION 4

X/C	CPU	CPL
.010	-.2390	.2862
.025	-.2826	.2629
.050	-.2845	.1845
.100	-.2422	.1792
.200	-.2787	.1691
.400	-.2804	.1640
.600	-.2260	.2017
.800	-.1667	.2083
.900	-.0975	.2238
.925	-.1002	.2713

STATION 5

X/C	CPU	CPL
.025	-.3601	.2665
.050	-.3005	.2754
.075	-.2915	.1905
.150	-.2879	.0871
.300	-.3559	.1119
.450	-.3134	.1291
.600	-.2817	.1858
.750	-.2088	.1858
.800	-.1789	.2045
.850	-.1284	.1971

STATION 6

X/C	CPU	CPL
.025	-.2666	.1886
.050	-.2524	.0909
.100	-.2163	.0928
.200	-.2462	.0933
.300	-.2750	.1096
.400	-.2791	.1122
.500	-.2639	.1244
.600	-.2722	.1346
.700	-.2869	.1398
.800	-.2544	.1578

(f) $\alpha = 5.91^{o}$

STATION 1

X/C	CPU	CPL
.005	-.0367	.2295
.010	.0148	.1826
.025	-.0013	.1477
.050	-.0196	.1378
.100	-.0568	.1276
.200	-.1499	.1378
.300	-.1790	.1253
.400	-.1987	.1122
.500	-.1613	.1041
.600	-.1494	.0039
.700	-.0788	.1559
.800	-.0563	.1459
.900	-.0013	-.0314
.950	-.0367	.2089
.970	.0137	

STATION 2

X/C	CPU	CPL
.005	-.5138	.4880
.010	-.5950	.4157
.025	-.5380	.3292
.050	-.4056	.2704
.100	-.3341	.2009
.200	-.2960	.1773
.300	-.3005	.1642
.400	-.2895	.1422
.500	-.2107	.1417
.600	-.1856	.2041
.700	-.1429	
.800	-.0610	.2244
.900	-.0147	.2256
.925	-.0087	.2691
.950	.0014	.2847

STATION 3

X/C	CPU	CPL
.010	-.7587	.5026
.025	-.5934	.3769
.050	-.4947	.3357
.100	-.4156	.2710
.200	-.3593	.2357
.400	-.3082	.1990
.600	-.2310	.2103
.800	-.0882	.2071
.900	-.0308	.2508
.925	-.0242	.2804

STATION 4

X/C	CPU	CPL
.010	-.8634	.5153
.025	-.7150	.4946
.050	-.5739	.3388
.100	-.4424	.2894
.200	-.3960	.2527
.400	-.3572	.2136
.600	-.2634	.2217
.800	-.1647	.2216
.900	-.1008	.2382
.925	-.1028	.2810

STATION 5

X/C	CPU	CPL
.025	-.7553	.2980
.050	-.5892	.2962
.075	-.5019	.3008
.150	-.4435	.2259
.300	-.4548	.2256
.450	-.3712	.2161
.600	-.3295	.2004
.750	-.2394	.2030
.800	-.2014	.1972
.850	-.1605	.2004

STATION 6

X/C	CPU	CPL
.025	-.7034	.2095
.050	-.4639	.2156
.100	-.3639	.2122
.200	-.3365	.2018
.300	-.3711	.1095
.400	-.3769	.0971
.500	-.3745	.0996
.600	-.3759	.1099
.700	-.3848	.1208
.800	-.3695	.1284

TABLE III. - Continued

(g) $\alpha = 7.94^{o}$

STATION 1

X/C	CPU	CPL
.005	-.2288	.1993
.010	-.1873	.1500
.025	-.2028	.1247
.050	-.1528	.1028
.100	-.1867	.1093
.200	-.2491	.1154
.300	-.2418	.1079
.400	-.2305	.0837
.500	-.2221	.0774
.600	-.1853	-.0327
.700	-.1048	.1123
.800	-.0788	.1077
.900	-.0204	-.0855
.950	-.0415	.1697
.970	-.0071	

STATION 2

X/C	CPU	CPL
.005	-1.0944	.4808
.010	-.9622	.4459
.025	-.8839	.3680
.050	-.5207	.3013
.100	-.4299	.2261
.200	-.3661	.1779
.300	-.3548	.1558
.400	-.3156	.1430
.500	-.2383	.1181
.600	-.2126	.1785
.700	-.1604	
.800	-.0865	.1991
.900	-.0177	.2166
.925	-.0228	.2378
.950	-.0276	.2558

STATION 3

X/C	CPU	CPL
.010	-1.4522	.5391
.025	-.9663	.4613
.050	-.6825	.3977
.100	-.5483	.3128
.200	-.4386	.2576
.400	-.3538	.1987
.600	-.2366	.1936
.800	-.0917	.1936
.900	-.0237	.2096
.925	-.0057	.2444

STATION 4

X/C	CPU	CPL
.010	-2.0129	.5541
.025	-.9943	.5585
.050	-.8383	.4312
.100	-.6028	.3392
.200	-.4979	.2718
.400	-.3865	.2279
.600	-.2658	.2075
.800	-.2398	.1990
.900	-.1532	.2033
.925	-.1476	.2472

STATION 5

X/C	CPU	CPL
.025	-1.7294	.2754
.050	-1.5334	.2688
.075	-1.2512	.2835
.150	-.5885	.2731
.300	-.5659	.2701
.450	-.4898	.2677
.600	-.4376	.2011
.750	-.3403	.1895
.800	-.3058	.1722
.850	-.2573	.1708

STATION 6

X/C	CPU	CPL
.025	-1.0383	.2472
.050	-1.0122	.2495
.100	-.8769	.2397
.200	-.6309	.2127
.300	-.5101	.0742
.400	-.5186	.0483
.500	-.5322	.0435
.600	-.5349	.0589
.700	-.5857	.0722
.800	-.5718	.0959

(h) $\alpha = 10.03^{o}$

STATION 1

X/C	CPU	CPL
.005	-.3768	.2715
.010	-.3644	.2456
.025	-.3608	.2002
.050	-.3233	.2006
.100	-.3514	.2083
.200	-.3711	.2102
.300	-.3415	.2100
.400	-.3144	.1840
.500	-.2715	.1606
.600	-.2202	.0194
.700	-.1259	.1973
.800	-.0904	.1729
.900	-.0327	-.0421
.950	-.0518	.2313
.970	-.0014	

STATION 2

X/C	CPU	CPL
.005	-2.2015	.4502
.010	-1.5755	.5287
.025	-.9965	.5008
.050	-.7505	.4291
.100	-.5854	.3552
.200	-.4307	.2869
.300	-.3967	.2610
.400	-.3671	.2253
.500	-.3005	.1876
.600	-.2345	.2435
.700	-.1833	
.800	-.0909	.2422
.900	-.0167	.2615
.925	-.0317	.2801
.950	-.0234	.2934

STATION 3

X/C	CPU	CPL
.010	-2.8370	.5578
.025	-1.7428	.5649
.050	-.9229	.5013
.100	-.6697	.4236
.200	-.5199	.3430
.400	-.3828	.2747
.600	-.2521	.2543
.800	-.1155	.2279
.900	-.0552	.2529
.925	-.0516	.2742

STATION 4

X/C	CPU	CPL
.010	-1.7898	.5798
.025	-1.8201	.5880
.050	-1.8026	.5679
.100	-1.6268	.4326
.200	-.4063	.4203
.400	-.4221	.3210
.600	-.3013	.2623
.800	-.1789	.2396
.900	-.0972	.2476
.925	-.0991	.2702

STATION 5

X/C	CPU	CPL
.025	-1.2235	.2920
.050	-1.2211	.3011
.075	-1.2355	.3995
.150	-1.1487	.4022
.300	-.9897	.3378
.450	-.6831	.2931
.600	-.4596	.2220
.750	-.3172	.2247
.800	-.2789	.2031
.850	-.2313	.1941

STATION 6

X/C	CPU	CPL
.025	-.9090	.4445
.050	-.8807	.4326
.100	-.8668	.4119
.200	-.7918	.4084
.300	-.7319	.1011
.400	-.6857	.0718
.500	-.6906	.0741
.600	-.6439	.0794
.700	-.7203	.0988
.800	-.7359	.0998

TABLE III. - Continued

(i) $\alpha = 12.17^{o}$

STATION 1

X/C	CPU	CPL
.005	-.5493	.3076
.010	-.5238	.2736
.025	-.5068	.2455
.050	-.4815	.2369
.100	-.4912	.2411
.200	-.5252	.2627
.300	-.4546	.2613
.400	-.3831	.2253
.500	-.3158	.2004
.600	-.2612	.0170
.700	-.1528	.2226
.800	-.1219	.1957
.900	-.0503	-.0313
.950	-.0518	.2302
.970	.0012	

STATION 2

X/C	CPU	CPL
.005	-2.3702	.2835
.010	-2.4572	.4781
.025	-2.6979	.5210
.050	-1.0248	.4776
.100	-.5035	.4064
.200	-.4343	.3414
.300	-.4137	.3068
.400	-.3952	.2546
.500	-.3073	.2248
.600	-.2646	.2562
.700	-.2068	
.800	-.1240	.2477
.900	-.0436	.2530
.925	-.0335	.2789
.950	-.0136	.2945

STATION 3

X/C	CPU	CPL
.010	-1.8606	.5292
.025	-1.8825	.6038
.050	-1.9581	.5609
.100	-2.1854	.4754
.200	-.3085	.3823
.400	-.3459	.3016
.600	-.2554	.2657
.800	-.1204	.2355
.900	-.0497	.2553
.925	-.0517	.2738

STATION 4

X/C	CPU	CPL
.010	-1.5525	.5379
.025	-1.5389	.5681
.050	-1.5496	.5637
.100	-1.6089	.5357
.200	-1.6656	.5072
.400	-.3658	.3282
.600	-.2593	.2802
.800	-.2165	.2463
.900	-.1388	.2462
.925	-.1487	.2817

STATION 5

X/C	CPU	CPL
.025	-1.0104	.3853
.050	-1.0147	.3858
.075	-.9780	.4100
.150	-.9342	.4086
.300	-.8657	.3683
.450	-.7943	.3360
.600	-.7230	.2201
.750	-.6186	.2219
.800	-.5824	.1822
.850	-.5209	.1632

STATION 6

X/C	CPU	CPL
.025	-.7901	.5049
.050	-.7815	.4707
.100	-.7809	.4707
.200	-.7212	.1826
.300	-.6735	.1126
.400	-.6177	.0720
.500	-.5819	.0743
.600	-.5524	.0855
.700	-.5403	.0882
.800	-.5247	.0586

(j) $\alpha = 14.37^{o}$

STATION 1

X/C	CPU	CPL
.005	-.7005	.3389
.010	-.6644	.3193
.025	-.6799	.2789
.050	-.6658	.2762
.100	-.6877	.2955
.200	-.6834	.3026
.300	-.5680	.2871
.400	-.4743	.2673
.500	-.3964	.2372
.600	-.3062	.0388
.700	-.1747	.2414
.800	-.1540	.2030
.900	-.0721	-.0322
.950	-.0576	.2374
.970	-.0184	

STATION 2

X/C	CPU	CPL
.005	-2.4558	.1507
.010	-2.5253	.4478
.025	-2.5961	.5578
.050	-3.4041	.5391
.100	-.3393	.4732
.200	-.4584	.3867
.300	-.4331	.3430
.400	-.4032	.2979
.500	-.3455	.2518
.600	-.3341	.2818
.700	-.2671	
.800	-.1568	.2657
.900	-.0669	.2596
.925	-.0472	.2823
.950	-.0258	.2908

STATION 3

X/C	CPU	CPL
.010	-1.9924	.4838
.025	-2.0019	.6192
.050	-1.9797	.6107
.100	-2.4441	.5435
.200	-1.0218	.4493
.400	-.3275	.3466
.600	-.2973	.2894
.800	-.1657	.2600
.900	-.1116	.2610
.925	-.1121	.2794

STATION 4

X/C	CPU	CPL
.010	-1.4570	.5063
.025	-1.4621	.6296
.050	-1.4811	.6339
.100	-1.5133	.6209
.200	-1.7164	.5551
.400	-.9704	.3407
.600	-.4865	.2977
.800	-.3103	.2521
.900	-.2234	.2565
.925	-.2373	.2768

STATION 5

X/C	CPU	CPL
.025	-.8614	.4721
.050	-.8537	.4999
.075	-.8579	.5254
.150	-.8232	.5182
.300	-.7567	.4094
.450	-.7284	.3524
.600	-.7178	.2425
.750	-.6570	.2194
.800	-.6421	.1498
.850	-.6068	.1472

STATION 6

X/C	CPU	CPL
.025	-.6775	.5208
.050	-.6796	.5157
.100	-.6767	.5117
.200	-.6507	.5056
.300	-.6422	.1491
.400	-.6111	.1062
.500	-.5820	.1039
.600	-.5552	.0922
.700	-.5327	.0906
.800	-.5112	.0680

TABLE III.- Continued

(k) $\alpha = 16.42^{o}$

STATION 1

X/C	CPU	CPL
.005	-.8492	.3653
.010	-.8111	.3370
.025	-.8252	.3139
.050	-.7949	.3145
.100	-.8418	.3342
.200	-.8292	.3497
.300	-.6942	.3417
.400	-.5744	.3060
.500	-.4582	.2741
.600	-.3858	.0357
.700	-.2004	.2628
.800	-.1710	.2210
.900	-.0839	-.0475
.950	-.0593	.2482
.970	-.0144	

STATION 2

X/C	CPU	CPL
.005	-2.6029	.0268
.010	-2.6585	.3833
.025	-2.7853	.5557
.050	-4.2220	.5682
.100	-.8181	.5133
.200	-.4670	.4294
.300	-.4783	.3777
.400	-.4783	.3304
.500	-.4521	.2824
.600	-.3994	.2944
.700	-.2989	
.800	-.1935	.2666
.900	-.1226	.2464
.925	-.0904	.2564
.950	-.0630	.2614

STATION 3

X/C	CPU	CPL
.010	-2.0375	.4219
.025	-2.0365	.6013
.050	-2.0916	.6147
.100	-2.5592	.5495
.200	-1.5839	.4756
.400	-.4190	.3639
.600	-.3249	.2957
.800	-.2172	.2518
.900	-.1429	.2429
.925	-.1506	.2679

STATION 4

X/C	CPU	CPL
.010	-1.4018	.4568
.025	-1.4036	.6173
.050	-1.4386	.6300
.100	-1.5105	.6225
.200	-1.6721	.6116
.400	-1.1169	.3612
.600	-.6379	.3103
.800	-.4229	.2377
.900	-.2863	.2250
.925	-.3072	.2410

STATION 5

X/C	CPU	CPL
.025	-.8683	.4216
.050	-.8702	.4724
.075	-.8745	.5348
.150	-.8765	.5380
.300	-.8005	.3806
.450	-.7876	.3146
.600	-.7757	.2254
.750	-.7071	.2014
.800	-.6664	.1384
.850	-.6651	.1349

STATION 6

X/C	CPU	CPL
.025	-.6391	.5107
.050	-.6519	.4951
.100	-.6148	.5003
.200	-.6169	.2287
.300	-.5919	.1493
.400	-.5736	.0942
.500	-.5559	.0884
.600	-.5440	.0795
.700	-.5186	.0728
.800	-.5045	.0594

(l) $\alpha = 18.50^{o}$

STATION 1

X/C	CPU	CPL
.005	-1.0041	.3836
.010	-.9540	.3521
.025	-.9710	.3399
.050	-.9456	.3497
.100	-.9744	.3502
.200	-.9472	.3780
.300	-.7959	.3723
.400	-.6601	.3234
.500	-.5408	.2849
.600	-.4237	.0298
.700	-.2265	.2703
.800	-.1915	.2279
.900	-.0867	-.0380
.950	-.0454	.2500
.970	.0002	

STATION 2

X/C	CPU	CPL
.005	-2.8121	-.1634
.010	-2.8158	.3014
.025	-2.9421	.5339
.050	-4.1444	.5882
.100	-1.5380	.5500
.200	-.5541	.4610
.300	-.5656	.4146
.400	-.6146	.3619
.500	-.5637	.3167
.600	-.4650	.3222
.700	-.3885	
.800	-.3009	.2670
.900	-.2576	.2344
.925	-.2614	.2345
.950	-.2486	.2391

STATION 3

X/C	CPU	CPL
.010	-2.0309	.3764
.025	-1.9923	.6068
.050	-2.0806	.6265
.100	-2.0033	.5942
.200	-1.9594	.5085
.400	-.6123	.3962
.600	-.3977	.3139
.800	-.2859	.2492
.900	-.2145	.2182
.925	-.1989	.2480

STATION 4

X/C	CPU	CPL
.010	-1.5049	.4064
.025	-1.5009	.6243
.050	-1.5150	.6418
.100	-1.5716	.6337
.200	-1.6424	.6296
.400	-1.1999	.3854
.600	-.7456	.3267
.800	-.4936	.2305
.900	-.3361	.2131
.925	-.3742	.2333

STATION 5

X/C	CPU	CPL
.025	-.9159	.4187
.050	-.9207	.4601
.075	-.9105	.5800
.150	-.8795	.5729
.300	-.8075	.3965
.450	-.8322	.3256
.600	-.8158	.2494
.750	-.7546	.2258
.800	-.7396	.1592
.850	-.6544	.1616

STATION 6

X/C	CPU	CPL
.025	-.6105	.5201
.050	-.6070	.5130
.100	-.5961	.5021
.200	-.5758	.2484
.300	-.5820	.1658
.400	-.5690	.1223
.500	-.5613	.1067
.600	-.5406	.0968
.700	-.5181	.1087
.800	-.4853	.0743

TABLE III. - Concluded.

(m) $\alpha = 20.60^{o}$

STATION 1

X/C	CPU	CPL
.005	-1.1620	.4108
.010	-1.1296	.3910
.025	-1.1530	.3794
.050	-1.1367	.3844
.100	-1.1599	.4059
.200	-1.1449	.4224
.300	-.9440	.4172
.400	-.7650	.3674
.500	-.6065	.3182
.600	-.4743	.0330
.700	-.2535	.2919
.800	-.1777	.2487
.900	-.0289	-.0643
.950	.0015	.2684
.970	.0360	

STATION 2

X/C	CPU	CPL
.005	-2.8614	-.3765
.010	-2.9041	.1881
.025	-3.0901	.5040
.050	-4.1486	.5978
.100	-2.3452	.5761
.200	-.7144	.5072
.300	-.7292	.4473
.400	-.8028	.3967
.500	-.7065	.3339
.600	-.6796	.3290
.700	-.6691	
.800	-.6756	.2495
.900	-.6566	.1762
.925	-.6206	.1635
.950	-.5987	.1385

STATION 3

X/C	CPU	CPL
.010	-1.9338	.2868
.025	-1.9479	.5829
.050	-1.9681	.6467
.100	-1.8229	.6258
.200	-2.1744	.5352
.400	-.8526	.4214
.600	-.5814	.3335
.800	-.4553	.2381
.900	-.3699	.1706
.925	-.3727	.1787

STATION 4

X/C	CPU	CPL
.010	-1.4674	.3208
.025	-1.4826	.6084
.050	-1.5416	.6434
.100	-1.5427	.6403
.200	-1.5443	.6402
.400	-1.1923	.4121
.600	-.8029	.3318
.800	-.5689	.2222
.900	-.4287	.2009
.925	-.4378	.1883

STATION 5

X/C	CPU	CPL
.025	-.8957	.4251
.050	-.9049	.4877
.075	-.9242	.5777
.150	-.9114	.5682
.300	-.8628	.4124
.450	-.8133	.3347
.600	-.7745	.2618
.750	-.7250	.2166
.800	-.6848	.1648
.850	-.6375	.1686

STATION 6

X/C	CPU	CPL
.025	-.5696	.5084
.050	-.5859	.4984
.100	-.5789	.4909
.200	-.5839	.4909
.300	-.5717	.1948
.400	-.5554	.1350
.500	-.5296	.1177
.600	-.5113	.1162
.700	-.4780	.1089
.800	-.4529	.0877

TABLE IV.- PRESSURE COEFFICIENTS AT A MACH NUMBER OF 0.40 FOR MODEL WITH STRAKE ON. $C_{L,d} = 0.35$

(a) $\alpha = -3.94^{o}$

STATION 1

X/C	CPU	CPL
.005	.2205	-.0059
.010	.2217	-.0453
.025	.1654	-.0808
.050	.1317	-.1402
.100	.0975	-.1666
.200	.0328	-.1457
.300	-.0434	-.0983
.400	-.0841	-.0948
.500	-.0989	-.0773
.600	-.1129	-.0758
.700	-.1094	.0298
.800	-.0733	.0425
.900	-.0454	-.0818
.950	-.0682	.1617
.970	-.0367	

STATION 2

X/C	CPU	CPL
.005	.5049	-1.0839
.010	.5231	-1.0868
.025	.4413	-1.1221
.050	.3266	-1.2344
.100	.2017	-1.2444
.200	.0457	-.0266
.300	-.0547	-.0574
.400	-.1324	-.0616
.500	-.1200	-.0492
.600	-.1438	.0158
.700	-.1454	
.800	-.1024	.1066
.900	-.0785	.1626
.925	-.1018	.1842
.950	-.1026	.2021

STATION 3

X/C	CPU	CPL
.010	.5283	-.8550
.025	.4475	-.8710
.050	.3513	-.8647
.100	.2109	-.9489
.200	.0485	-.9885
.400	-.1018	.0848
.600	-.1485	.0735
.800	-.1090	.1185
.900	-.0841	.1686
.925	-.1011	.2099

STATION 4

X/C	CPU	CPL
.010	.5154	-.6947
.025	.4492	-.6954
.050	.3450	-.7021
.100	.2173	-.7045
.200	.0561	-.7110
.400	-.1137	-.4757
.600	-.1646	.0684
.800	-.1544	.1593
.900	-.1143	.2019
.925	-.1366	.2504

STATION 5

X/C	CPU	CPL
.025	.4215	-.1303
.050	.3080	-.2503
.075	.2476	-.3939
.150	.1096	-.3159
.300	-.0857	-.3423
.450	-.1614	-.3873
.600	-.2132	-.3669
.750	-.1907	-.3000
.800	-.1683	-.2215
.850	-.1515	-.1778

STATION 6

X/C	CPU	CPL
.025	.3580	-.1825
.050	.2491	-.1938
.100	.1563	-.1933
.200	.0308	-.1829
.300	-.0897	-.1795
.400	-.1375	-.1668
.500	-.1671	-.1239
.600	-.1773	-.1217
.700	-.1778	-.0996
.800	-.1587	-.0947

(b) $\alpha = -1.87^{o}$

STATION 1

X/C	CPU	CPL
.005	.1929	.0950
.010	.1889	.0265
.025	.1340	-.0255
.050	.0925	-.0609
.100	.0490	-.0947
.200	-.0263	-.0875
.300	-.0881	-.0603
.400	-.1308	-.0629
.500	-.1330	-.0527
.600	-.1414	-.0595
.700	-.1186	.0453
.800	-.0817	.0584
.900	-.0524	-.0754
.950	-.0707	.1613
.970	-.0358	

STATION 2

X/C	CPU	CPL
.005	.5325	-.8861
.010	.4470	-.8789
.025	.3142	-.9002
.050	.2104	-.8917
.100	.1011	-.3606
.200	-.0388	-.0698
.300	-.1303	-.0493
.400	-.1837	-.0367
.500	-.1579	-.0251
.600	-.1738	.0342
.700	-.1723	
.800	-.1183	.1069
.900	-.0855	.1572
.925	-.1042	.1801
.950	-.1001	.2016

STATION 3

X/C	CPU	CPL
.010	.4767	-.6895
.025	.3389	-.6864
.050	.2228	-.6933
.100	.1014	-.7185
.200	-.0461	-.3252
.400	-.1667	.0045
.600	-.1864	.0580
.800	-.1257	.1098
.900	-.0910	.1640
.925	-.1045	.2015

STATION 4

X/C	CPU	CPL
.010	.4840	-.5973
.025	.3444	-.5838
.050	.2293	-.5907
.100	.1062	-.5932
.200	-.0338	-.5894
.400	-.1788	-.0502
.600	-.2063	.0869
.800	-.1619	.0892
.900	-.1146	.1463
.925	-.1328	.2045

STATION 5

X/C	CPU	CPL
.025	.3320	-.1595
.050	.2213	-.2634
.075	.1564	-.4053
.150	.0365	-.3667
.300	-.1567	-.3711
.450	-.1989	-.3404
.600	-.2301	-.0776
.750	-.1814	.0429
.800	-.1502	.1106
.850	-.1218	.1241

STATION 6

X/C	CPU	CPL
.025	.2850	-.1296
.050	.1752	-.2315
.100	.0892	-.2149
.200	-.0196	-.1812
.300	-.1321	-.1445
.400	-.1620	-.1212
.500	-.1764	-.1163
.600	-.1855	-.1131
.700	-.1715	-.0940
.800	-.1381	-.1063

TABLE IV.- Continued

(c) $\alpha = 0.03^{o}$

STATION 1

X/C	CPU	CPL
.005	.2000	.1066
.010	.1645	.0501
.025	.1043	.0144
.050	.0361	-.0154
.100	-.0057	-.0439
.200	-.0831	-.0389
.300	-.1482	-.0214
.400	-.1724	-.0325
.500	-.1649	-.0187
.600	-.1688	-.0496
.700	-.1314	.0604
.800	-.0989	.0745
.900	-.0586	-.0632
.950	-.0671	.1586
.970	-.0314	

STATION 2

X/C	CPU	CPL
.005	.4701	-.8017
.010	.3173	-.8326
.025	.1790	-.5663
.050	.0826	-.1485
.100	-.0072	-.1041
.200	-.1153	-.0538
.300	-.2074	-.0150
.400	-.2443	-.0058
.500	-.2006	.0028
.600	-.2093	.0592
.700	-.1917	
.800	-.1317	.1213
.900	-.0902	.1632
.925	-.1035	.1901
.950	-.0973	.2127

STATION 3

X/C	CPU	CPL
.010	.3877	-.6668
.025	.1850	-.4927
.050	.0995	-.3303
.100	-.0184	-.1243
.200	-.1255	-.0495
.400	-.2203	-.0001
.600	-.2216	.0671
.800	-.1486	.1195
.900	-.1026	.1627
.925	-.1058	.1974

STATION 4

X/C	CPU	CPL
.010	.3918	-.7552
.025	.1939	-.4706
.050	.0789	-.2713
.100	-.0060	-.1460
.200	-.1299	-.0639
.400	-.2421	-.0022
.600	-.2385	.0836
.800	-.1805	.0833
.900	-.1201	.1405
.925	-.1364	.1570

STATION 5

X/C	CPU	CPL
.025	.1756	-.1534
.050	.0872	-.4464
.075	.0437	-.5572
.150	-.0631	-.4868
.300	-.2299	-.2337
.450	-.2427	-.0584
.600	-.2603	.1009
.750	-.1976	.1252
.800	-.1694	.1350
.850	-.1352	.1364

STATION 6

X/C	CPU	CPL
.025	.1953	-.2794
.050	.0858	-.4222
.100	.0030	-.4263
.200	-.0707	-.2565
.300	-.1798	-.0133
.400	-.1990	.0026
.500	-.2083	.0460
.600	-.2036	.0706
.700	-.1948	.1060
.800	-.1583	.1279

(d) $\alpha = 2.04^{o}$

STATION 1

X/C	CPU	CPL
.005	.2059	.1417
.010	.1607	.0872
.025	.0876	.0473
.050	.0094	.0242
.100	-.0552	.0163
.200	-.1421	.0150
.300	-.2034	.0246
.400	-.2181	.0074
.500	-.2057	.0172
.600	-.1981	-.0427
.700	-.1453	.0791
.800	-.1103	.0844
.900	-.0666	-.0652
.950	-.0754	.1626
.970	-.0413	

STATION 2

X/C	CPU	CPL
.005	.2523	-.2570
.010	.0638	-.2094
.025	-.0476	-.0658
.050	-.1033	-.0119
.100	-.1627	-.0039
.200	-.2184	.0137
.300	-.2730	.0348
.400	-.2961	.0339
.500	-.2423	.0339
.600	-.2374	.0798
.700	-.2120	
.800	-.1420	.1287
.900	-.0890	.1649
.925	-.0997	.1914
.950	-.0903	.2133

STATION 3

X/C	CPU	CPL
.010	.1570	-.1864
.025	-.0419	-.0913
.050	-.0931	-.0476
.100	-.1615	-.0050
.200	-.2317	.0289
.400	-.2908	.0399
.600	-.2572	.0879
.800	-.1581	.1255
.900	-.1069	.1670
.925	-.1099	.2011

STATION 4

X/C	CPU	CPL
.010	.1379	-.1794
.025	-.0570	-.1054
.050	-.1043	-.0487
.100	-.1591	-.0193
.200	-.2419	-.0183
.400	-.3123	.0090
.600	-.2784	.1073
.800	-.1964	.1056
.900	-.1333	.1463
.925	-.1423	.1607

STATION 5

X/C	CPU	CPL
.025	-.0759	-.0599
.050	-.1123	-.0889
.075	-.1331	-.0466
.150	-.2011	-.1234
.300	-.3209	-.0115
.450	-.3112	.0380
.600	-.3052	.1105
.750	-.2232	.1311
.800	-.1917	.1276
.850	-.1554	.1299

STATION 6

X/C	CPU	CPL
.025	-.0079	-.3234
.050	-.0981	-.0936
.100	-.1262	-.0507
.200	-.1504	-.0033
.300	-.2405	.0390
.400	-.2578	.0401
.500	-.2660	.0520
.600	-.2525	.0654
.700	-.2398	.0866
.800	-.2063	.0941

TABLE IV.- Continued

(e) $\alpha = 4.10^{o}$

STATION 1

X/C	CPU	CPL
.005	.1168	.1654
.010	.1062	.1126
.025	.0658	.0777
.050	.0083	.0607
.100	-.0692	.0552
.200	-.1780	.0617
.300	-.2396	.0581
.400	-.2539	.0439
.500	-.2344	.0414
.600	-.2153	-.0360
.700	-.1576	.1027
.800	-.1170	.1020
.900	-.0723	-.0730
.950	-.0923	.1766
.970	-.0537	

STATION 2

X/C	CPU	CPL
.005	-.0940	.2153
.010	-.2746	.1836
.025	-.3262	.1542
.050	-.2905	.1303
.100	-.2805	.1021
.200	-.3152	.0884
.300	-.3484	.0831
.400	-.3465	.0711
.500	-.2809	.0653
.600	-.2613	.1094
.700	-.2247	
.800	-.1455	.1485
.900	-.0882	.1784
.925	-.0891	.2039
.950	-.0734	.2214

STATION 3

X/C	CPU	CPL
.010	-.2916	.2175
.025	-.3602	.1587
.050	-.3276	.1339
.100	-.3123	.1253
.200	-.3486	.1198
.400	-.3572	.0940
.600	-.2869	.1254
.800	-.1713	.1446
.900	-.1121	.1791
.925	-.1138	.2127

STATION 4

X/C	CPU	CPL
.010	-.3901	.2437
.025	-.3902	.1402
.050	-.3774	.1385
.100	-.3429	.1251
.200	-.3684	.1256
.400	-.3819	.1168
.600	-.3170	.1368
.800	-.2142	.1433
.900	-.1423	.1603
.925	-.1491	.2074

STATION 5

X/C	CPU	CPL
.025	-.4716	.2083
.050	-.4150	.1961
.075	-.3705	.1766
.150	-.3660	.1033
.300	-.4177	.1223
.450	-.3710	.1146
.600	-.3446	.1311
.750	-.2596	.1496
.800	-.2221	.1405
.850	-.1862	.1335

STATION 6

X/C	CPU	CPL
.025	-.4009	.0663
.050	-.3119	.0437
.100	-.2807	.0313
.200	-.2740	.0309
.300	-.3229	.0508
.400	-.3356	.0402
.500	-.3382	.0451
.600	-.3351	.0566
.700	-.3530	.0757
.800	-.3176	.0824

(f) $\alpha = 6.22^{o}$

STATION 1

X/C	CPU	CPL
.005	-.0689	.1968
.010	-.0725	.1473
.025	-.0997	.1128
.050	-.0855	.1025
.100	-.1376	.0940
.200	-.2371	.1056
.300	-.2734	.1100
.400	-.2846	.0800
.500	-.2618	.0725
.600	-.2477	-.0254
.700	-.1781	.1281
.800	-.1349	.1146
.900	-.0810	-.0712
.950	-.1040	.1904
.970	-.0655	

STATION 2

X/C	CPU	CPL
.005	-.6420	.4666
.010	-.7532	.3898
.025	-.6596	.3086
.050	-.5488	.2469
.100	-.4373	.2036
.200	-.4136	.1494
.300	-.4128	.1469
.400	-.3925	.1210
.500	-.3069	.1076
.600	-.2776	.1404
.700	-.2318	
.800	-.1521	.1656
.900	-.0942	.1955
.925	-.0874	.2159
.950	-.0665	.2351

STATION 3

X/C	CPU	CPL
.010	-.9153	.4410
.025	-.7906	.3326
.050	-.6098	.2721
.100	-.4692	.2193
.200	-.4513	.1785
.400	-.4124	.1372
.600	-.3165	.1508
.800	-.1766	.1626
.900	-.1108	.1903
.925	-.1066	.2199

STATION 4

X/C	CPU	CPL
.010	-1.0484	.4852
.025	-.8537	.3439
.050	-.7083	.2834
.100	-.5248	.2458
.200	-.5000	.1855
.400	-.4469	.1675
.600	-.3520	.1587
.800	-.2188	.1565
.900	-.1398	.1752
.925	-.1456	.2219

STATION 5

X/C	CPU	CPL
.025	-.8491	.2261
.050	-.6967	.2297
.075	-.6047	.2321
.150	-.5267	.1645
.300	-.5233	.1654
.450	-.4426	.1612
.600	-.4043	.1437
.750	-.3036	.1479
.800	-.2615	.1431
.850	-.2163	.1389

STATION 6

X/C	CPU	CPL
.025	-.7419	.2798
.050	-.5920	.2746
.100	-.4513	.1303
.200	-.4206	.0582
.300	-.4465	.0520
.400	-.4702	.0283
.500	-.4735	.0338
.600	-.4685	.0385
.700	-.4906	.0599
.800	-.4518	.0698

TABLE IV.- Continued

(g) $\alpha = 8.39^{o}$

STATION 1

X/C	CPU	CPL
.005	-.2857	.2248
.010	-.2902	.1818
.025	-.3053	.1496
.050	-.2689	.1382
.100	-.2944	.1406
.200	-.3583	.1500
.300	-.3463	.1497
.400	-.3348	.1252
.500	-.3108	.1123
.600	-.2873	-.0194
.700	-.2106	.1439
.800	-.1630	.1266
.900	-.1006	-.0699
.950	-.1226	.1971
.970	-.0822	

STATION 2

X/C	CPU	CPL
.005	-1.5069	.5042
.010	-1.2299	.4854
.025	-1.0221	.4137
.050	-.6642	.3416
.100	-.5697	.2606
.200	-.4743	.2045
.300	-.4562	.1882
.400	-.4161	.1603
.500	-.3426	.1362
.600	-.3082	.1695
.700	-.2525	
.800	-.1681	.1767
.900	-.0967	.1990
.925	-.1008	.2215
.950	-.1042	.2432

STATION 3

X/C	CPU	CPL
.010	-1.4589	.5198
.025	-1.1287	.4533
.050	-.8542	.3895
.100	-.6858	.2984
.200	-.5722	.2346
.400	-.4650	.1813
.600	-.3401	.1699
.800	-.1803	.1703
.900	-.1045	.1913
.925	-.0971	.2185

STATION 4

X/C	CPU	CPL
.010	-2.5509	.5299
.025	-1.2559	.4681
.050	-1.0045	.3980
.100	-.7611	.3288
.200	-.6320	.3183
.400	-.5179	.2712
.600	-.3846	.1879
.800	-.2294	.1650
.900	-.1430	.1865
.925	-.1459	.2258

STATION 5

X/C	CPU	CPL
.025	-1.7874	.4214
.050	-1.7019	.4220
.075	-1.5208	.4124
.150	-.7686	.3219
.300	-.5684	.3051
.450	-.4971	.2452
.600	-.4566	.1515
.750	-.3544	.1554
.800	-.3068	.1377
.850	-.2586	.1345

STATION 6

X/C	CPU	CPL
.025	-1.0478	.4011
.050	-1.0134	.3090
.100	-.9597	.2204
.200	-.7862	.0712
.300	-.5954	.0372
.400	-.5467	.0095
.500	-.5770	.0108
.600	-.5664	.0161
.700	-.6366	.0311
.800	-.6129	.0438

(h) $\alpha = 10.61^{o}$

STATION 1

X/C	CPU	CPL
.005	-.4249	.2507
.010	-.4406	.2048
.025	-.4774	.1807
.050	-.4431	.1734
.100	-.4433	.1799
.200	-.5200	.1978
.300	-.4599	.1867
.400	-.4206	.1619
.500	-.3789	.1425
.600	-.3235	-.0150
.700	-.2258	.1598
.800	-.1871	.1450
.900	-.1144	-.0737
.950	-.1183	.1974
.970	-.0771	

STATION 2

X/C	CPU	CPL
.005	-2.9439	.4075
.010	-1.5400	.4976
.025	-1.2126	.4733
.050	-.9028	.4153
.100	-.7108	.3269
.200	-.5622	.2679
.300	-.5402	.2340
.400	-.4866	.1919
.500	-.3862	.1668
.600	-.3244	.1984
.700	-.2631	
.800	-.1684	.2016
.900	-.1012	.2203
.925	-.1071	.2399
.950	-.1016	.2575

STATION 3

X/C	CPU	CPL
.010	-2.4870	.5141
.025	-2.3376	.5292
.050	-1.9538	.4670
.100	-.7221	.3978
.200	-.6144	.3111
.400	-.4691	.2279
.600	-.3472	.2069
.800	-.2009	.2003
.900	-.1335	.2065
.925	-.1233	.2382

STATION 4

X/C	CPU	CPL
.010	-1.8142	.5329
.025	-1.7785	.5471
.050	-1.7938	.4914
.100	-1.8138	.4186
.200	-1.0878	.3835
.400	-.4880	.3393
.600	-.3799	.2167
.800	-.2381	.1834
.900	-.1445	.2003
.925	-.1622	.2349

STATION 5

X/C	CPU	CPL
.025	-1.2282	.3631
.050	-1.2159	.4057
.075	-1.1719	.4086
.150	-1.1459	.4084
.300	-1.0708	.4064
.450	-.9068	.3099
.600	-.6459	.1696
.750	-.4674	.1598
.800	-.4272	.1419
.850	-.3830	.1363

STATION 6

X/C	CPU	CPL
.025	-.9433	.3997
.050	-.9440	.3659
.100	-.8956	.2424
.200	-.8781	.0970
.300	-.8171	.0483
.400	-.7666	.0165
.500	-.7684	.0147
.600	-.7296	.0222
.700	-.7474	.0324
.800	-.7556	.0267

TABLE IV. - Continued

(i) $\alpha = 12.86^{o}$

STATION 1

X/C	CPU	CPL
.005	-.6133	.2862
.010	-.6317	.2462
.025	-.6351	.2189
.050	-.6114	.2155
.100	-.6340	.2248
.200	-.6801	.2375
.300	-.5892	.2333
.400	-.5190	.2067
.500	-.4405	.1800
.600	-.3789	.0060
.700	-.2587	.1903
.800	-.2166	.1611
.900	-.1386	-.0783
.950	-.1250	.2035
.970	-.0809	

STATION 2

X/C	CPU	CPL
.005	-2.2778	.2616
.010	-2.3303	.4673
.025	-2.5504	.5097
.050	-2.8554	.4691
.100	-.4721	.4000
.200	-.5420	.3200
.300	-.5014	.2737
.400	-.4757	.2384
.500	-.4065	.2028
.600	-.3636	.2186
.700	-.3144	
.800	-.2183	.2019
.900	-.1322	.2064
.925	-.1248	.2227
.950	-.1087	.2386

STATION 3

X/C	CPU	CPL
.010	-1.9348	.4937
.025	-1.9370	.5581
.050	-1.9424	.5313
.100	-2.1555	.4440
.200	-1.0498	.3523
.400	-.3809	.2563
.600	-.3594	.2192
.800	-.2379	.1914
.900	-.1603	.2070
.925	-.1626	.2361

STATION 4

X/C	CPU	CPL
.010	-1.5567	.4903
.025	-1.5416	.5536
.050	-1.5778	.5209
.100	-1.5742	.4648
.200	-1.6659	.3945
.400	-.8529	.3236
.600	-.4594	.2244
.800	-.3459	.1753
.900	-.2569	.1931
.925	-.2765	.2234

STATION 5

X/C	CPU	CPL
.025	-.9577	.3614
.050	-.9454	.4256
.075	-.9295	.4455
.150	-.8904	.4429
.300	-.7941	.3918
.450	-.7561	.2964
.600	-.7059	.1678
.750	-.6421	.1545
.800	-.6201	.0942
.850	-.5977	.0983

STATION 6

X/C	CPU	CPL
.025	-.7482	.3698
.050	-.7391	.3754
.100	-.7237	.3332
.200	-.7130	.1132
.300	-.6925	.0688
.400	-.6360	.0213
.500	-.6188	.0261
.600	-.5943	.0164
.700	-.5737	.0214
.800	-.5538	.0035

(j) $\alpha = 15.18^{o}$

STATION 1

X/C	CPU	CPL
.005	-.7510	.3062
.010	-.7857	.2736
.025	-.8023	.2519
.050	-.7809	.2497
.100	-.7882	.2666
.200	-.8205	.2847
.300	-.7037	.2710
.400	-.5969	.2352
.500	-.5182	.2117
.600	-.4315	.0001
.700	-.2873	.2054
.800	-.2459	.1721
.900	-.1536	-.0798
.950	-.1392	.2096
.970	-.0969	

STATION 2

X/C	CPU	CPL
.005	-2.3689	.1861
.010	-2.4167	.4443
.025	-2.4372	.5278
.050	-2.9927	.5239
.100	-1.5514	.4461
.200	-.5095	.3673
.300	-.5269	.3112
.400	-.5281	.2691
.500	-.4784	.2232
.600	-.4663	.2378
.700	-.3895	
.800	-.2694	.2069
.900	-.1683	.1994
.925	-.1527	.2140
.950	-.1236	.2282

STATION 3

X/C	CPU	CPL
.010	-1.9183	.4624
.025	-1.8936	.5734
.050	-1.9140	.5535
.100	-2.4279	.4858
.200	-1.6470	.3999
.400	-.4861	.2932
.600	-.3958	.2364
.800	-.2971	.1914
.900	-.2182	.1908
.925	-.2215	.2198

STATION 4

X/C	CPU	CPL
.010	-1.4115	.4687
.025	-1.4257	.5781
.050	-1.4417	.5593
.100	-1.4977	.4927
.200	-1.5764	.4817
.400	-1.1334	.3711
.600	-.7220	.2355
.800	-.4997	.1654
.900	-.3553	.1563
.925	-.3765	.1786

STATION 5

X/C	CPU	CPL
.025	-.8609	.3578
.050	-.8724	.4244
.075	-.8565	.4522
.150	-.8412	.4445
.300	-.7875	.4139
.450	-.7646	.2839
.600	-.7493	.1681
.750	-.7048	.1539
.800	-.6808	.0826
.850	-.6595	.0826

STATION 6

X/C	CPU	CPL
.025	-.6949	.3625
.050	-.7098	.3913
.100	-.7012	.2947
.200	-.6841	.1318
.300	-.6751	.0775
.400	-.6462	.0342
.500	-.6257	.0205
.600	-.6054	.0137
.700	-.5665	.0112
.800	-.5623	-.0110

TABLE IV. - Continued

(k) $\alpha = 17.37^{o}$

STATION 1

X/C	CPU	CPL
.005	-.9162	.3475
.010	-.9246	.3190
.025	-.9364	.3010
.050	-.9362	.2952
.100	-.9819	.3099
.200	-.9857	.3366
.300	-.8315	.3216
.400	-.7289	.2829
.500	-.6181	.2487
.600	-.5222	.0035
.700	-.3320	.2287
.800	-.2865	.1946
.900	-.1764	-.0781
.950	-.1394	.2229
.970	-.0921	

STATION 2

X/C	CPU	CPL
.005	-2.5614	.0811
.010	-2.5083	.3850
.025	-2.6151	.5378
.050	-3.2379	.5475
.100	-2.0968	.4886
.200	-.5986	.4097
.300	-.5958	.3574
.400	-.6328	.3094
.500	-.6076	.2609
.600	-.5241	.2638
.700	-.4476	
.800	-.3504	.2153
.900	-.2719	.1876
.925	-.2528	.1917
.950	-.2270	.2043

STATION 3

X/C	CPU	CPL
.010	-2.0677	.4057
.025	-2.0512	.5757
.050	-2.0355	.5840
.100	-2.0452	.5280
.200	-2.1329	.4436
.400	-.7610	.3156
.600	-.4835	.2586
.800	-.3396	.1986
.900	-.2748	.1735
.925	-.2752	.2055

STATION 4

X/C	CPU	CPL
.010	-1.3822	.4085
.025	-1.3855	.5877
.050	-1.4046	.5783
.100	-1.4645	.5397
.200	-1.5544	.4628
.400	-1.2175	.3847
.600	-.8319	.2670
.800	-.5899	.1689
.900	-.4153	.1623
.925	-.4483	.1766

STATION 5

X/C	CPU	CPL
.025	-.9288	.3529
.050	-.9163	.4229
.075	-.9163	.4604
.150	-.8907	.4538
.300	-.8480	.4073
.450	-.8215	.2635
.600	-.8126	.1860
.750	-.7782	.1059
.800	-.7352	.0890
.850	-.7230	.0902

STATION 6

X/C	CPU	CPL
.025	-.7357	.3729
.050	-.7297	.4171
.100	-.7251	.3675
.200	-.7240	.1708
.300	-.6889	.1051
.400	-.6562	.0503
.500	-.6250	.0338
.600	-.5964	.0281
.700	-.5669	.0217
.800	-.5373	.0068

(l) $\alpha = 19.58^{o}$

STATION 1

X/C	CPU	CPL
.005	-1.0459	.3763
.010	-1.0710	.3479
.025	-1.0873	.3314
.050	-1.0970	.3331
.100	-1.1263	.3507
.200	-1.1403	.3724
.300	-.9617	.3580
.400	-.8330	.3233
.500	-.6942	.2807
.600	-.5638	.0208
.700	-.3828	.2529
.800	-.2996	.2073
.900	-.1322	-.0767
.950	-.0882	.2279
.970	-.0462	

STATION 2

X/C	CPU	CPL
.005	-2.5267	-.0995
.010	-2.5310	.3001
.025	-2.7221	.5163
.050	-3.0186	.5656
.100	-3.0565	.5228
.200	-.7524	.4466
.300	-.7001	.3923
.400	-.8563	.3401
.500	-.7898	.2909
.600	-.6959	.2847
.700	-.6326	
.800	-.6016	.2072
.900	-.5725	.1509
.925	-.5683	.1395
.950	-.5587	.1355

STATION 3

X/C	CPU	CPL
.010	-1.9865	.3580
.025	-1.9858	.5623
.050	-1.9320	.5915
.100	-1.8237	.5606
.200	-2.0923	.4716
.400	-.9938	.3516
.600	-.6251	.2721
.800	-.5397	.1819
.900	-.4111	.1419
.925	-.3909	.1476

STATION 4

X/C	CPU	CPL
.010	-1.3227	.3566
.025	-1.3450	.5756
.050	-1.3658	.5947
.100	-1.4425	.5889
.200	-1.4634	.5121
.400	-1.1802	.4449
.600	-.8597	.2658
.800	-.6564	.1618
.900	-.4767	.1407
.925	-.5175	.1486

STATION 5

X/C	CPU	CPL
.025	-.8636	.3734
.050	-.8737	.4599
.075	-.8948	.5260
.150	-.8942	.4950
.300	-.8414	.4090
.450	-.8078	.3197
.600	-.7848	.1985
.750	-.7255	.1936
.800	-.7113	.1048
.850	-.6872	.1069

STATION 6

X/C	CPU	CPL
.025	-.7028	.3654
.050	-.7022	.4287
.100	-.7125	.3617
.200	-.7122	.1830
.300	-.6812	.1133
.400	-.6591	.0604
.500	-.6200	.0420
.600	-.6087	.0410
.700	-.5785	.0323
.800	-.5388	.0118

TABLE IV.- Concluded.

(m) $\alpha = 21.80^{o}$

STATION 1

X/C	CPU	CPL
.005	-1.1978	.3994
.010	-1.2239	.3808
.025	-1.2571	.3624
.050	-1.2576	.3622
.100	-1.2932	.3961
.200	-1.3064	.4192
.300	-1.0904	.4073
.400	-.9187	.3642
.500	-.7713	.3251
.600	-.6443	.0294
.700	-.3883	.2951
.800	-.2570	.2430
.900	-.0608	-.0977
.950	-.0611	.2704
.970	-.0048	

STATION 2

X/C	CPU	CPL
.005	-2.7178	-.2373
.010	-2.7494	.2389
.025	-2.9059	.5037
.050	-3.1640	.5748
.100	-3.5280	.5568
.200	-1.0875	.4852
.300	-.8853	.4315
.400	-.9753	.3726
.500	-.9861	.3203
.600	-.9567	.2994
.700	-.9671	
.800	-.9646	.2107
.900	-1.0022	.1181
.925	-.9182	.0898
.950	-.8548	.0592

STATION 3

X/C	CPU	CPL
.010	-2.0448	.2612
.025	-2.0466	.5398
.050	-2.0644	.6007
.100	-1.9768	.5854
.200	-2.4878	.5057
.400	-1.2354	.3839
.600	-.8340	.2823
.800	-.6554	.1593
.900	-.6094	.0806
.925	-.6147	.0955

STATION 4

X/C	CPU	CPL
.010	-1.2923	.2771
.025	-1.3367	.5466
.050	-1.3493	.5977
.100	-1.4434	.5931
.200	-1.6457	.5940
.400	-1.3679	.4081
.600	-.9664	.2807
.800	-.7050	.1433
.900	-.5509	.0962
.925	-.5792	.0966

STATION 5

X/C	CPU	CPL
.025	-.9329	.4486
.050	-.9376	.4672
.075	-.9486	.5528
.150	-.9818	.5140
.300	-.8861	.4671
.450	-.8449	.3718
.600	-.7897	.2215
.750	-.7373	.1888
.800	-.7215	.1121
.850	-.6584	.1146

STATION 6

X/C	CPU	CPL
.025	-.7521	.3751
.050	-.7202	.4487
.100	-.7244	.3743
.200	-.7208	.2267
.300	-.7047	.1401
.400	-.6879	.0698
.500	-.6621	.0569
.600	-.6252	.0428
.700	-.5861	.0413
.800	-.5636	.0256

TABLE V.- PRESSURE COEFFICIENTS AT A MACH NUMBER OF 0.20 FOR THE MODEL WITH STRAKE OFF. $C_{L,d} = 0.70$

(a) $\alpha = -3.78^{o}$

STATION 1

X/C	CPU	CPL
.005	.4742	-1.6884
.010	.5758	-1.7865
.025	.4920	-2.0209
.050	.3544	-1.4967
.100	.2163	-.1194
.200	.0637	-.0956
.300	-.0841	-.0425
.400	-.1180	-.0441
.500	-.1447	-.0118
.600	-.1635	.0607
.700	-.2006	.1227
.800	-.1696	-.0654
.900	-.1411	.2049
.950	-.1869	.2548
.970	-.1180	

STATION 2

X/C	CPU	CPL
.005	.4490	-.6499
.010	.5442	-.7841
.025	.4790	-.8066
.050	.3980	-.8779
.100	.2282	-.9614
.200	.0312	-.5235
.300	-.1222	-.2894
.400	-.1775	.1229
.500	-.1889	.1687
.600	-.2470	.2166
.700		
.800	-.1796	.2693
.900	-.1902	.3128
.925	-.2268	.3820
.950	-.2209	.3868

STATION 3

X/C	CPU	CPL
.010	.5412	-.5635
.025	.4843	-.5790
.050	.4040	-.5911
.100	.2426	-.6145
.200	.0253	-.7940
.400	-.1934	-.4748
.600	-.2682	.1918
.800	-.2016	.3310
.900	-.1902	.3887
.925	-.2337	.4276

STATION 4

X/C	CPU	CPL
.010	.5361	-.3923
.025	.4835	-.3776
.050	.3976	-.3887
.100	.2484	-.4332
.200	.0234	-.4560
.400	-.2003	-.5415
.600	-.3306	-.2870
.800	-.2513	-.2185
.900	-.2496	.1655
.925	-.2922	.1726

STATION 5

X/C	CPU	CPL
.025	.4342	.1745
.050	.3631	
.075	.2731	-.1758
.150	.1555	-.1888
.300	-.1844	-.1985
.450	-.2582	-.2048
.600	-.3668	-.1996
.750	-.4003	-.2008
.800	-.3512	-.2089
.850	-.3242	-.2053

STATION 6

X/C	CPU	CPL
.025	.4346	
.050	.3464	-.0308
.100	.2107	
.200	.0304	-.0380
.300	-.1058	-.0398
.400	-.1528	-.0428
.500	-.2328	
.600	-.2898	-.0497
.700	-.3422	-.0614
.800	-.3440	-.1069

(b) $\alpha = -1.91^{o}$

STATION 1

X/C	CPU	CPL
.005	.5432	-1.2943
.010	.5187	-1.2957
.025	.4152	-1.5897
.050	.2455	-.6357
.100	.1278	-.0645
.200	-.0239	-.0436
.300	-.1558	.0026
.400	-.1777	-.0005
.500	-.1810	.0291
.600	-.1946	.0935
.700	-.2277	.1526
.800	-.1958	-.0491
.900	-.1493	.2060
.950	-.2003	.2580
.970	-.1192	

STATION 2

X/C	CPU	CPL
.005	.5211	-.5649
.010	.5187	-.6583
.025	.4166	-.6812
.050	.3101	-.7169
.100	.1339	-.8324
.200	-.0465	-.3157
.300	-.2137	.0268
.400	-.2314	.1728
.500	-.2220	.1805
.600	-.2799	.2251
.700		
.800	-.2057	.2731
.900	-.1996	.3293
.925	-.2492	.3759
.950	-.2297	.3817

STATION 3

X/C	CPU	CPL
.010	.5199	-.4638
.025	.4172	-.4836
.050	.3023	-.4877
.100	.1571	-.5359
.200	-.0618	-.6280
.400	-.2568	-.1415
.600	-.3189	.2863
.800	-.2285	.3220
.900	-.2083	.3779
.925	-.2560	.4253

STATION 4

X/C	CPU	CPL
.010	.5089	-.3382
.025	.4148	-.3400
.050	.3171	-.3589
.100	.1643	-.3740
.200	-.0738	-.3854
.400	-.2643	-.3727
.600	-.3403	-.1466
.800	-.2600	.2966
.900	-.2339	.3284
.925	-.2782	.3264

STATION 5

X/C	CPU	CPL
.025	.4139	.3272
.050	.3021	
.075	.2143	-.1474
.150	.0937	-.1562
.300	-.2318	-.1827
.450	-.2922	-.1655
.600	-.3954	-.1530
.750	-.3896	-.1406
.800	-.3226	-.1375
.850	-.2813	-.0937

STATION 6

X/C	CPU	CPL
.025	.4162	
.050	.3150	-.0407
.100	.1668	
.200	.0042	-.0348
.300	-.1435	-.0397
.400	-.1871	-.0410
.500	-.2434	
.600	-.2920	-.0521
.700	-.3399	-.0874
.800	-.3402	-.1211

TABLE V.- Continued

(c) $\alpha = 0.0^{o}$

STATION 1

X/C	CPU	CPL
.005	.5334	-.9818
.010	.4483	-.9571
.025	.2750	-1.2154
.050	.1353	.0319
.100	.0276	-.0525
.200	-.0986	.0052
.300	-.2005	.0339
.400	-.2253	.0493
.500	-.2155	.0531
.600	-.2342	.1216
.700	-.2465	.1613
.800	-.2055	-.0524
.900	-.1527	.2233
.950	-.1871	.2649
.970	-.1046	

STATION 2

X/C	CPU	CPL
.005	.5272	-.4306
.010	.4480	-.4976
.025	.3090	-.5195
.050	.1815	-.5592
.100	.0345	-.5688
.200	-.1311	-.1434
.300	-.2846	.1017
.400	-.2844	.1537
.500	-.2726	.1645
.600	-.3324	.2180
.700		
.800	-.2244	.2686
.900	-.2193	.3117
.925	-.2489	.3543
.950	-.2225	.3919

STATION 3

X/C	CPU	CPL
.010	.4549	-.3746
.025	.3156	-.3866
.050	.1946	-.3969
.100	.0643	-.4341
.200	-.1552	-.3461
.400	-.3333	.0905
.600	-.3455	.2501
.800	-.2446	.2927
.900	-.2156	.3489
.925	-.2528	.3865

STATION 4

X/C	CPU	CPL
.010	.4759	-.2988
.025	.3099	-.3012
.050	.2125	-.3012
.100	.0475	-.2923
.200	-.1613	-.3263
.400	-.3341	-.0743
.600	-.3893	.1466
.800	-.2729	.2169
.900	-.2594	.2773
.925	-.2938	.2674

STATION 5

X/C	CPU	CPL
.025	.3327	.2424
.050	.2109	
.075	.1447	-.1047
.150	.0073	-.1389
.300	-.3073	-.1469
.450	-.3533	-.1432
.600	-.4178	-.0772
.750	-.3919	.0615
.800	-.3104	.0917
.850	-.2555	.1456

STATION 6

X/C	CPU	CPL
.025	.3701	
.050	.2504	-.0498
.100	.1084	
.200	-.0566	-.0319
.300	-.2030	-.0360
.400	-.2483	-.0346
.500	-.2806	
.600	-.3282	-.0834
.700	-.3637	-.1163
.800	-.3712	-.1163

(d) $\alpha = 1.92^{o}$

STATION 1

X/C	CPU	CPL
.005	.4553	-.6606
.010	.3143	-.6880
.025	.1428	-.3410
.050	.0070	-.0171
.100	-.0619	.0130
.200	-.1621	.0548
.300	-.2623	.0928
.400	-.2734	.0942
.500	-.2430	.0897
.600	-.2536	.1449
.700	-.2550	.1838
.800	-.2042	-.0233
.900	-.1472	.2397
.950	-.1590	.2942
.970	-.0887	

STATION 2

X/C	CPU	CPL
.005	.4766	-.3159
.010	.3318	-.3653
.025	.1757	-.3831
.050	.0622	-.4119
.100	-.0729	-.2912
.200	-.2085	-.0116
.300	-.3592	.1338
.400	-.3442	.1420
.500	-.3085	.1740
.600	-.3516	.2279
.700		
.800	-.2180	.2746
.900	-.2076	.3210
.925	-.2377	.3677
.950	-.2125	.3842

STATION 3

X/C	CPU	CPL
.010	.3730	-.2808
.025	.2015	-.2779
.050	.0653	-.2899
.100	-.0510	-.3132
.200	-.2519	.0342
.400	-.3743	.1997
.600	-.3757	.2526
.800	-.2430	.2845
.900	-.2200	.3218
.925	-.2544	.3677

STATION 4

X/C	CPU	CPL
.010	.3763	-.2130
.025	.1990	-.2194
.050	.0754	-.2243
.100	-.0538	-.2214
.200	-.2685	-.2514
.400	-.4018	.2650
.600	-.4359	.2732
.800	-.2999	.2861
.900	-.2753	.3292
.925	-.3109	.3405

STATION 5

X/C	CPU	CPL
.025	.2093	.3287
.050	.0846	
.075	.0202	-.1058
.150	-.1006	-.1090
.300	-.4031	-.1323
.450	-.4218	.0583
.600	-.4807	.2702
.750	-.4341	.3449
.800	-.3484	.3474
.850	-.2944	.3350

STATION 6

X/C	CPU	CPL
.025	.2852	
.050	.1444	-.0472
.100	.0147	
.200	-.1424	-.0486
.300	-.2804	-.0775
.400	-.3318	-.1146
.500	-.3536	
.600	-.4355	-.0888
.700	-.4862	.0295
.800	-.4533	.1272

TABLE V.- Continued

(e) $\alpha = 3.90^{o}$

STATION 1

X/C	CPU	CPL
.005	.2987	-.2349
.010	.0730	-.1969
.025	-.0532	-.0241
.050	-.1513	.0609
.100	-.1884	.0864
.200	-.2562	.1105
.300	-.3333	.1297
.400	-.3315	.1171
.500	-.2901	.1129
.600	-.2889	.1430
.700	-.2832	.2026
.800	-.2123	-.0253
.900	-.1602	.2407
.950	-.1713	.2861
.970	-.0859	

STATION 2

X/C	CPU	CPL
.005	.3182	-.2556
.010	.1299	-.2845
.025	-.0280	-.2284
.050	-.1079	.0443
.100	-.1957	.0926
.200	-.3250	-.0051
.300	-.4403	.1544
.400	-.4267	.1637
.500	-.3647	.1807
.600	-.3932	.2393
.700		
.800	-.2481	.2776
.900	-.2192	.3133
.925	-.2406	.3557
.950	-.2231	.3748

STATION 3

X/C	CPU	CPL
.010	.1149	-.1869
.025	-.0311	-.2122
.050	-.1094	-.0913
.100	-.2082	.1317
.200	-.3631	.1959
.400	-.4580	.2053
.600	-.4350	.2574
.800	-.2808	.2909
.900	-.2388	.3253
.925	-.2710	.3638

STATION 4

X/C	CPU	CPL
.010	.1797	-.1727
.025	-.0184	-.1659
.050	-.1067	-.1740
.100	-.2243	.0749
.200	-.4045	.1865
.400	-.4869	.2317
.600	-.4972	.2759
.800	-.3278	.2844
.900	-.2878	.3282
.925	-.3131	.3569

STATION 5

X/C	CPU	CPL
.025	.0065	.2771
.050	-.0830	
.075	-.1380	-.1561
.150	-.2474	.0186
.300	-.5230	.2164
.450	-.5081	.2357
.600	-.5463	.2671
.750	-.4770	.2980
.800	-.4042	.2883
.850	-.3426	.2785

STATION 6

X/C	CPU	CPL
.025	.1364	
.050	.0060	-.1787
.100	-.1106	
.200	-.2641	-.0651
.300	-.3891	.0984
.400	-.4247	.1559
.500	-.4481	
.600	-.5221	.1709
.700	-.5826	.1837
.800	-.5468	.1848

(f) $\alpha = 5.90^{o}$

STATION 1

X/C	CPU	CPL
.005	.0459	.1526
.010	-.1490	.1429
.025	-.2864	.1650
.050	-.2884	.1515
.100	-.2815	.1545
.200	-.3430	.1801
.300	-.4050	.1714
.400	-.3683	.1576
.500	-.3137	.1419
.600	-.2985	.1925
.700	-.2834	.2157
.800	-.2189	-.0192
.900	-.1525	.2531
.950	-.1398	.3040
.970	-.0655	

STATION 2

X/C	CPU	CPL
.005	.0088	.0716
.010	-.1595	.1009
.025	-.2724	.1394
.050	-.3068	.1718
.100	-.3256	.1900
.200	-.4266	.0438
.300	-.5243	.2065
.400	-.4927	.1978
.500	-.4096	.2107
.600	-.4166	.2709
.700		
.800	-.2497	.2930
.900	-.2093	.3329
.925	-.2393	.3676
.950	-.1973	.3795

STATION 3

X/C	CPU	CPL
.010	-.1714	.1078
.025	-.2720	.1695
.050	-.3086	.2301
.100	-.3559	.2164
.200	-.4824	.2503
.400	-.5237	.2437
.600	-.4676	.2911
.800	-.2870	.3104
.900	-.2383	.3462
.925	-.2604	.3873

STATION 4

X/C	CPU	CPL
.010	-.1483	.1171
.025	-.3110	.1819
.050	-.3269	.2222
.100	-.3886	.1764
.200	-.5076	.2467
.400	-.5595	.2600
.600	-.5412	.2856
.800	-.3380	.3006
.900	-.2984	.3337
.925	-.3155	.3558

STATION 5

X/C	CPU	CPL
.025	-.2593	.3547
.050	-.3426	
.075	-.3592	.1874
.150	-.3844	.1897
.300	-.6253	.2200
.450	-.5827	.2457
.600	-.6006	.2716
.750	-.5250	.2962
.800	-.4367	.2926
.850	-.3734	.2785

STATION 6

X/C	CPU	CPL
.025	-.1480	
.050	-.1934	.0566
.100	-.2446	
.200	-.3642	.1314
.300	-.4810	.1576
.400	-.5094	.1501
.500	-.5346	
.600	-.6184	.1543
.700	-.7050	.1421
.800	-.6963	.1265

TABLE V.- Continued

(g) $\alpha = 7.94^{o}$

STATION 1

X/C	CPU	CPL
.005	-.3407	.4139
.010	-.4694	.3327
.025	-.4937	.2844
.050	-.5038	.2486
.100	-.4087	.2389
.200	-.4102	.2221
.300	-.4597	.2194
.400	-.4176	.1908
.500	-.3611	.1684
.600	-.3359	.2093
.700	-.2994	.2362
.800	-.2266	-.0265
.900	-.1416	.2557
.950	-.1412	.3107
.970	-.0763	

STATION 2

X/C	CPU	CPL
.005	-.5367	.3332
.010	-.6052	.3050
.025	-.5997	.2964
.050	-.5390	.2891
.100	-.4949	.2704
.200	-.5493	.0496
.300	-.6164	.2499
.400	-.5516	.2323
.500	-.4558	.2426
.600	-.4607	.2763
.700		
.800	-.2643	.3003
.900	-.2094	.3307
.925	-.2135	.3692
.950	-.1902	.3832

STATION 3

X/C	CPU	CPL
.010	-.6504	.4044
.025	-.6568	.3294
.050	-.6223	.3466
.100	-.5333	.2910
.200	-.6072	.2848
.400	-.6046	.2836
.600	-.5075	.2945
.800	-.3085	.3029
.900	-.2393	.3447
.925	-.2573	.3823

STATION 4

X/C	CPU	CPL
.010	-.6130	.4182
.025	-.6989	.3353
.050	-.6666	.3353
.100	-.6058	.2949
.200	-.6670	.3007
.400	-.6429	.2924
.600	-.5867	.3099
.800	-.3711	.3089
.900	-.3045	.3446
.925	-.3324	.3720

STATION 5

X/C	CPU	CPL
.025	-.6863	.3747
.050	-.6438	
.075	-.6064	.2337
.150	-.5883	.2517
.300	-.7825	.2671
.450	-.7064	.2501
.600	-.6914	.2664
.750	-.6048	.2892
.800	-.5078	.2773
.850	-.4493	.2633

STATION 6

X/C	CPU	CPL
.025	-.5152	
.050	-.4975	.2176
.100	-.4543	
.200	-.5177	.1315
.300	-.6292	.1365
.400	-.6746	.1100
.500	-.7179	
.600	-.8069	.0882
.700	-.9390	.1116
.800	-.9198	.1036

(h) $\alpha = 10.01^{o}$

STATION 1

X/C	CPU	CPL
.005	-.7925	.5551
.010	-.8622	.4863
.025	-.8058	.3901
.050	-.7148	.3401
.100	-.5361	.3086
.200	-.4917	.2841
.300	-.5195	.2686
.400	-.4694	.2332
.500	-.3834	.2123
.600	-.3503	.2411
.700	-.3186	.2660
.800	-.2262	-.0210
.900	-.1427	.2704
.950	-.1402	.3265
.970	-.0819	

STATION 2

X/C	CPU	CPL
.005	-1.2050	.4528
.010	-1.1323	.4800
.025	-.9673	.4238
.050	-.8369	.3711
.100	-.6572	.3393
.200	-.6773	.0401
.300	-.7122	.2879
.400	-.6170	.2673
.500	-.5150	.2757
.600	-.4899	.3063
.700		
.800	-.2849	.3176
.900	-.2049	.3376
.925	-.2115	.3825
.950	-.1770	.3908

STATION 3

X/C	CPU	CPL
.010	-1.2372	.5275
.025	-1.0497	.4677
.050	-.8853	.4276
.100	-.7204	.3710
.200	-.7546	.3421
.400	-.6668	.3110
.600	-.5467	.3091
.800	-.3146	.3102
.900	-.2444	.3385
.925	-.2526	.3978

STATION 4

X/C	CPU	CPL
.010	-1.2040	.5609
.025	-1.0680	.4718
.050	-.9357	.4206
.100	-.7944	.3534
.200	-.8237	.3490
.400	-.7326	.3180
.600	-.6307	.3162
.800	-.3897	.3196
.900	-.3128	.3457
.925	-.3117	.3650

STATION 5

X/C	CPU	CPL
.025	-.9647	.3685
.050	-.9026	
.075	-.8638	.2353
.150	-.7825	.2376
.300	-.9019	.2682
.450	-.7793	.2734
.600	-.7587	.2775
.750	-.6472	.2914
.800	-.5500	.2871
.850	-.4801	.2614

STATION 6

X/C	CPU	CPL
.025	-1.3298	
.050	-.6773	.2931
.100	-.6302	
.200	-.6458	.1332
.300	-.7836	.1208
.400	-.8418	.0731
.500	-.8962	
.600	-.9888	.0486
.700	-1.0890	.0630
.800	-1.1146	.0630

TABLE V.- Continued

(i) $\alpha = 12.14^{o}$

STATION 1

X/C	CPU	CPL
.005	-1.4384	.5934
.010	-1.2886	.5724
.025	-1.1202	.4986
.050	-.8877	.4265
.100	-.6703	.3863
.200	-.5865	.3315
.300	-.5718	.3073
.400	-.4976	.2677
.500	-.4076	.2457
.600	-.3690	.2611
.700	-.3258	.2870
.800	-.2429	-.0178
.900	-.1605	.2856
.950	-.1533	.3309
.970	-.0901	

STATION 2

X/C	CPU	CPL
.005	-2.1784	.4246
.010	-1.6566	.5507
.025	-1.2864	.4878
.050	-1.0989	.4544
.100	-.8664	.3944
.200	-.8025	.1080
.300	-.7961	.3219
.400	-.6706	.3017
.500	-.5516	.3000
.600	-.5149	.3275
.700		
.800	-.2795	.3184
.900	-.2000	.3399
.925	-.1880	.3839
.950	-.1521	.3919

STATION 3

X/C	CPU	CPL
.010	-2.1728	.5728
.025	-1.4150	.5422
.050	-1.2030	.4970
.100	-.9616	.4401
.200	-.8768	.3847
.400	-.7497	.3433
.600	-.5823	.3440
.800	-.3346	.3363
.900	-.2479	.3462
.925	-.2475	.3865

STATION 4

X/C	CPU	CPL
.010	-2.8108	.5215
.025	-1.5492	.5574
.050	-1.2642	.5130
.100	-1.0263	.4608
.200	-.9696	.4150
.400	-.8139	.3529
.600	-.6666	.3445
.800	-.4032	.3346
.900	-.2980	.3451
.925	-.3037	.3649

STATION 5

X/C	CPU	CPL
.025	-1.8753	.3656
.050	-1.8204	
.075	-1.7374	.2580
.150	-1.1690	.3412
.300	-.9118	.3374
.450	-.8212	.2946
.600	-.7988	.2908
.750	-.6836	.2864
.800	-.6014	.2743
.850	-.5174	.2450

STATION 6

X/C	CPU	CPL
.025	-1.4132	
.050	-1.4139	.3649
.100	-1.2179	
.200	-.8413	.1305
.300	-.9156	.0869
.400	-.9864	.0366
.500	-1.0491	
.600	-1.1516	.0077
.700	-1.2824	.0197
.800	-1.3587	.0227

(j) $\alpha = 14.32^{o}$

STATION 1

X/C	CPU	CPL
.005	-2.5841	.5321
.010	-1.4873	.6291
.025	-1.3865	.5746
.050	-1.0838	.5045
.100	-.8154	.4441
.200	-.6708	.4029
.300	-.6469	.3647
.400	-.5483	.3232
.500	-.4443	.2889
.600	-.3976	.2943
.700	-.3558	.3138
.800	-.2648	-.0029
.900	-.1637	.3027
.950	-.1869	.3477
.970	-.1062	

STATION 2

X/C	CPU	CPL
.005	-3.7514	.2739
.010	-2.4500	.5380
.025	-1.6929	.5563
.050	-1.3715	.5078
.100	-1.0648	.4632
.200	-.9131	.1364
.300	-.8657	.3752
.400	-.7352	.3491
.500	-.5847	.3298
.600	-.5414	.3487
.700		
.800	-.2941	.3344
.900	-.1967	.3482
.925	-.1667	.3840
.950	-.1406	.3857

STATION 3

X/C	CPU	CPL
.010	-3.0958	.5377
.025	-2.9870	.5898
.050	-2.3177	.5609
.100	-1.0739	.4967
.200	-.9401	.4338
.400	-.7886	.3731
.600	-.5940	.3657
.800	-.3044	.3393
.900	-.2014	.3454
.925	-.2010	.3919

STATION 4

X/C	CPU	CPL
.010	-2.3585	.4405
.025	-2.3247	.5849
.050	-2.4161	.5526
.100	-2.1947	.5343
.200	-.8597	.4579
.400	-.7827	.3712
.600	-.6710	.3653
.800	-.4057	.3437
.900	-.3322	.3556
.925	-.3483	.3699

STATION 5

X/C	CPU	CPL
.025	-1.6183	.3670
.050	-1.5894	
.075	-1.5846	.3201
.150	-1.5299	.3836
.300	-1.2876	.3805
.450	-1.0022	.2869
.600	-.8321	.2855
.750	-.7014	.2803
.800	-.6499	.2598
.850	-.5819	.2210

STATION 6

X/C	CPU	CPL
.025	-1.3343	
.050	-1.3646	.3707
.100	-1.3886	
.200	-1.2968	.0830
.300	-1.0719	.0473
.400	-1.0976	-.0159
.500	-1.1304	
.600	-1.2541	-.0228
.700	-1.4572	-.0091
.800	-1.5169	-.0008

TABLE V.- Continued

(k) $\alpha = 16.36^{o}$

STATION 1

X/C	CPU	CPL
.005	-3.9054	.3902
.010	-2.0815	.6160
.025	-1.7354	.6187
.050	-1.3743	.5575
.100	-1.0123	.5064
.200	-.7849	.4393
.300	-.7162	.4012
.400	-.6013	.3530
.500	-.4969	.3146
.600	-.4282	.3201
.700	-.3690	.3313
.800	-.2632	.0077
.900	-.1642	.3110
.950	-.1804	.3613
.970	-.1068	

STATION 2

X/C	CPU	CPL
.005	-2.7507	.1023
.010	-2.7915	.4770
.025	-2.7878	.5804
.050	-2.7484	.5667
.100	-1.9748	.5133
.200	-.7875	.1464
.300	-.8610	.4152
.400	-.7437	.3680
.500	-.6072	.3535
.600	-.5611	.3590
.700		
.800	-.2871	.3450
.900	-.1944	.3450
.925	-.1787	.3833
.950	-.1362	.3874

STATION 3

X/C	CPU	CPL
.010	-2.1756	.5151
.025	-2.1846	.6189
.050	-2.2024	.6038
.100	-2.2258	.5577
.200	-1.7833	.4862
.400	-.7536	.4105
.600	-.5949	.3874
.800	-.3733	.3467
.900	-.2932	.3568
.925	-.3571	.3877

STATION 4

X/C	CPU	CPL
.010	-1.8216	.4160
.025	-1.7724	.6130
.050	-1.7758	.5924
.100	-1.6504	.5614
.200	-1.6543	.4958
.400	-1.2788	.4066
.600	-.9069	.3698
.800	-.6055	.3472
.900	-.4637	.3374
.925	-.4832	.3676

STATION 5

X/C	CPU	CPL
.025	-1.3173	.3571
.050	-1.3106	
.075	-1.3134	.3140
.150	-1.2715	.4049
.300	-1.1983	.3950
.450	-1.0873	.3059
.600	-.9339	.2961
.750	-.7912	.2703
.800	-.7542	.2494
.850	-.7029	.1937

STATION 6

X/C	CPU	CPL
.025	-1.1010	
.050	-1.1205	.3805
.100	-1.1852	
.200	-1.2029	.0774
.300	-1.1652	.0765
.400	-1.1103	.0022
.500	-1.1415	
.600	-1.1493	.0135
.700	-1.1323	.0278
.800	-1.0796	.0242

(l) $\alpha = 18.42^{o}$

STATION 1

X/C	CPU	CPL
.005	-4.5790	.2125
.010	-3.4964	.5720
.025	-2.0343	.6635
.050	-1.4940	.6032
.100	-1.0840	.5538
.200	-.8496	.4854
.300	-.7675	.4310
.400	-.6522	.3878
.500	-.5672	.3362
.600	-.4926	.3384
.700	-.4342	.3389
.800	-.3354	.0026
.900	-.2120	.3192
.950	-.2195	.3584
.970	-.1344	

STATION 2

X/C	CPU	CPL
.005	-2.0184	.1954
.010	-2.1308	.5334
.025	-1.9948	.6210
.050	-2.0573	.5956
.100	-1.9167	.5465
.200	-1.8121	.1530
.300	-1.2823	.4269
.400	-1.0521	.3895
.500	-.7552	.3774
.600	-.6896	.3881
.700		
.800	-.4277	.3389
.900	-.3521	.3429
.925	-.3878	.3697
.950	-.3462	.3744

STATION 3

X/C	CPU	CPL
.010	-1.5634	.5516
.025	-1.5915	.6285
.050	-1.5462	.6164
.100	-1.5462	.5734
.200	-1.4240	.5088
.400	-1.1869	.4264
.600	-.8976	.3883
.800	-.6287	.3246
.900	-.5155	.3210
.925	-.4661	.3628

STATION 4

X/C	CPU	CPL
.010	-1.2834	.4632
.025	-1.3080	.6158
.050	-1.2511	.6031
.100	-1.2287	.6032
.200	-1.2239	.5126
.400	-1.0709	.4188
.600	-.9220	.3721
.800	-.7431	.3162
.900	-.6288	.2794
.925	-.6084	.3049

STATION 5

X/C	CPU	CPL
.025	-1.0276	.2994
.050	-1.0716	
.075	-1.0390	.5225
.150	-1.0431	.4542
.300	-1.0623	.4026
.450	-1.0097	.3000
.600	-.9049	.2884
.750	-.7624	.2546
.800	-.7542	.2186
.850	-.7174	.1770

STATION 6

X/C	CPU	CPL
.025	-.9667	
.050	-.9766	.4071
.100	-1.0304	
.200	-1.0331	.1554
.300	-.9855	.1106
.400	-.9505	.0647
.500	-.9353	
.600	-.8840	.0623
.700	-.8282	.0554
.800	-.8433	.0371

TABLE V.- Concluded

(m) $\alpha = 20.48^{o}$

STATION 1			STATION 2			STATION 3		
X/C	CPU	CPL	X/C	CPU	CPL	X/C	CPU	CPL
.005	-4.2877	.1155	.005	-1.5266	.2767	.010	-1.2135	.5737
.010	-4.2240	.5727	.010	-1.4962	.5549	.025	-1.2472	.6461
.025	-3.8796	.6931	.025	-1.5274	.6124	.050	-1.1958	.6321
.050	-2.2431	.6678	.050	-1.5393	.6032	.100	-1.2342	.5806
.100	-1.0305	.5969	.100	-1.3888	.5579	.200	-1.1598	.5105
.200	-.8625	.5315	.200	-1.3276	.1470	.400	-1.0563	.4249
.300	-.7781	.4618	.300	-1.2619	.4322	.600	-.9339	.3884
.400	-.6832	.4098	.400	-1.1774	.3881	.800	-.7279	.3011
.500	-.587.	.3582	.500	-1.0111	.3814	.900	-.6493	.2773
.600	-.5513	.3515	.600	-.8710	.3814	.925	-.6394	.2846
.700	-.5213	.3462	.700					
.800	-.4222	.0009	.800	-.6246	.3247			
.900	-.3015	.2960	.900	-.5226	.2939			
.950	-.2760	.3529	.925	-.5076	.3260			
.970	-.1999		.950	-.4814	.3330			

STATION 4			STATION 5			STATION 6		
X/C	CPU	CPL	X/C	CPU	CPL	X/C	CPU	CPL
.010	-1.1284	.4814	.025	-.8743	.3049	.025	-.8296	
.025	-1.1328	.6088	.050	-.8820		.050	-.8536	.4044
.050	-1.1255	.6146	.075	-.8627	.5399	.100	-.8258	
.100	-1.0845	.6092	.150	-.8770	.4562	.200	-.9024	.1681
.200	-1.0372	.5290	.300	-.9261	.3914	.300	-.9136	.1128
.400	-.9748	.4176	.450	-.8682	.3132	.400	-.7903	.0792
.600	-.9014	.3751	.600	-.7900	.2856	.500	-.7653	
.800	-.7881	.3021	.750	-.7586	.2482	.600	-.7122	.0667
.900	-.6942	.2366	.800	-.7443	.2073	.700	-.7475	.0578
.925	-.6914	.2683	.850	-.7177	.1474	.800	-.7102	.0220

TABLE VI.- PRESSURE COEFFICIENTS AT A MACH NUMBER OF 0.40 FOR THE MODEL WITH STRAKE OFF. $C_{L,d} = 0.70$

(a) $\alpha = -3.92^{o}$

STATION 1

X/C	CPU	CPL
.005	.5007	-1.6987
.010	.5752	-1.7573
.025	.4944	-2.0865
.050	.3782	-1.6803
.100	.2139	-.1519
.200	.0490	-.1104
.300	-.0914	-.0605
.400	-.1467	-.0396
.500	-.1589	-.0184
.600	-.1973	.0575
.700	-.2428	.1213
.800	-.2079	-.0625
.900	-.1755	.1966
.950	-.2329	.2581
.970	-.1442	

STATION 2

X/C	CPU	CPL
.005	.4516	-.6962
.010	.5301	-.7960
.025	.4769	-.8182
.050	.3801	-.8740
.100	.2217	-.9306
.200	.0150	-.6920
.300	-.1599	-.4695
.400	-.2020	.0772
.500	-.2145	.1298
.600	-.2946	.1880
.700		
.800	-.2203	.2455
.900	-.2251	.3064
.925	-.2757	.3626
.950	-.2574	.3870

STATION 3

X/C	CPU	CPL
.010	.5267	-.5694
.025	.4721	-.5885
.050	.3862	-.6125
.100	.2348	-.6632
.200	.0050	-.8187
.400	-.2256	-.5697
.600	-.3145	.0446
.800	-.2382	.3022
.900	-.2321	.3693
.925	-.2756	.4195

STATION 4

X/C	CPU	CPL
.010	.5242	-.4256
.025	.4617	-.4424
.050	.3841	-.4467
.100	.2392	-.4486
.200	.0025	-.4468
.400	-.2477	-.5469
.600	-.3502	-.3799
.800	-.2762	-.0977
.900	-.2759	.1753
.925	-.3278	.2317

STATION 5

X/C	CPU	CPL
.025	.4550	.1665
.050	.3636	
.075	.3026	-.2248
.150	.1552	-.2185
.300	-.1634	-.2269
.450	-.2712	-.2406
.600	-.4008	-.2451
.750	-.4315	-.2703
.800	-.3755	-.2648
.850	-.3584	-.2744

STATION 6

X/C	CPU	CPL
.025	.4420	
.050	.3521	-.0843
.100	.2195	
.200	.0478	-.0764
.300	-.1223	-.0860
.400	-.1921	-.0874
.500	-.2374	
.600	-.2965	-.1016
.700	-.3474	-.1185
.800	-.3553	-.1597

(b) $\alpha = -1.95^{o}$

STATION 1

X/C	CPU	CPL
.005	.5499	-1.3215
.010	.5471	-1.3333
.025	.4059	-1.6495
.050	.2811	-.7662
.100	.1280	-.0960
.200	-.0253	-.0584
.300	-.1601	-.0099
.400	-.1973	-.0003
.500	-.2041	.0136
.600	-.2321	.0807
.700	-.2628	.1461
.800	-.2171	-.0542
.900	-.1754	.2132
.950	-.2241	.2673
.970	-.1340	

STATION 2

X/C	CPU	CPL
.005	.5043	-.5849
.010	.5123	-.6653
.025	.3948	-.6813
.050	.2893	-.7359
.100	.1284	-.8592
.200	-.0637	-.4396
.300	-.2375	-.0580
.400	-.2637	.1729
.500	-.2548	.1502
.600	-.3202	.2025
.700		
.800	-.2251	.2473
.900	-.2244	.3089
.925	-.2742	.3586
.950	-.2567	.3809

STATION 3

X/C	CPU	CPL
.010	.5133	-.5181
.025	.4173	-.5300
.050	.3005	-.5414
.100	.1507	-.5820
.200	-.0686	-.6952
.400	-.2868	-.2766
.600	-.3438	.2703
.800	-.2468	.3034
.900	-.2324	.3514
.925	-.2823	.4100

STATION 4

X/C	CPU	CPL
.010	.5144	-.3741
.025	.3944	-.3928
.050	.3012	-.3902
.100	.1751	-.3961
.200	-.0833	-.4532
.400	-.2991	-.4732
.600	-.3821	-.1873
.800	-.2713	.2134
.900	-.2576	.3803
.925	-.3058	.4410

STATION 5

X/C	CPU	CPL
.025	.4104	.2789
.050	.3051	
.075	.2254	-.1876
.150	.0899	-.1977
.300	-.2476	-.2083
.450	-.3257	-.2099
.600	-.4242	-.2152
.750	-.4227	-.2066
.800	-.3458	-.1909
.850	-.3117	-.1738

STATION 6

X/C	CPU	CPL
.025	.4145	
.050	.3013	-.0750
.100	.1623	
.200	-.0041	-.0653
.300	-.1689	-.0722
.400	-.2300	-.0747
.500	-.2552	
.600	-.3162	-.0982
.700	-.3619	-.1373
.800	-.3753	-.1586

TABLE VI.- Continued

(c) $\alpha = 0.05^{o}$

STATION 1

X/C	CPU	CPL
.005	.5453	-.9983
.010	.4550	-1.0243
.025	.2733	-1.2580
.050	.1649	.0380
.100	.0213	-.0612
.200	-.1048	-.0111
.300	-.2341	.0270
.400	-.2568	.0296
.500	-.2421	.0420
.600	-.2632	.1065
.700	-.2778	.1589
.800	-.2301	-.0450
.900	-.1811	.2204
.950	-.2152	.2772
.970	-.1250	

STATION 2

X/C	CPU	CPL
.005	.5134	-.4743
.010	.4480	-.5271
.025	.2923	-.5443
.050	.1765	-.5897
.100	.0323	-.5868
.200	-.1613	-.1669
.300	-.3130	.0582
.400	-.3282	.1412
.500	-.3107	.1320
.600	-.3620	.1957
.700		
.800	-.2475	.2457
.900	-.2459	.2976
.925	-.2804	.3534
.950	-.2582	.3773

STATION 3

X/C	CPU	CPL
.010	.4640	-.4220
.025	.3152	-.4407
.050	.2002	-.4245
.100	.0392	-.4545
.200	-.1801	-.3944
.400	-.3572	.0497
.600	-.3903	.2241
.800	-.2702	.2745
.900	-.2518	.3248
.925	-.2970	.3726

STATION 4

X/C	CPU	CPL
.010	.4724	-.3224
.025	.3228	-.3299
.050	.2146	-.3299
.100	.0651	-.3330
.200	-.1913	-.3288
.400	-.3752	-.1594
.600	-.4328	.1550
.800	-.3003	.2571
.900	-.2791	.3254
.925	-.3296	.3654

STATION 5

X/C	CPU	CPL
.025	.3408	.3590
.050	.2270	
.075	.1337	-.1890
.150	.0147	-.1932
.300	-.3243	-.1924
.450	-.3853	-.1898
.600	-.4553	-.1404
.750	-.4206	-.0200
.800	-.3441	.0373
.850	-.2839	.0920

STATION 6

X/C	CPU	CPL
.025	.3701	
.050	.2432	-.0962
.100	.0987	
.200	-.0600	-.0773
.300	-.2301	-.0741
.400	-.2735	-.0731
.500	-.3062	
.600	-.3700	-.1240
.700	-.4249	-.1657
.800	-.4167	-.1782

(d) $\alpha = 2.07^{o}$

STATION 1

X/C	CPU	CPL
.005	.4813	-.7283
.010	.3087	-.7685
.025	.1232	-.2758
.050	.0234	-.0257
.100	-.0812	-.0115
.200	-.1871	.0432
.300	-.2970	.0760
.400	-.3101	.0745
.500	-.2842	.0789
.600	-.2976	.1331
.700	-.3073	.1846
.800	-.2444	-.0308
.900	-.1887	.2331
.950	-.2062	.2935
.970	-.1163	

STATION 2

X/C	CPU	CPL
.005	.4649	-.3453
.010	.3094	-.3879
.025	.1452	-.4181
.050	.0283	-.4346
.100	-.0960	-.2809
.200	-.2504	-.0284
.300	-.4035	.1198
.400	-.4039	.1316
.500	-.3605	.1386
.600	-.4073	.1976
.700		
.800	-.2711	.2470
.900	-.2459	.2991
.925	-.2777	.3485
.950	-.2513	.3654

STATION 3

X/C	CPU	CPL
.010	.3405	-.3270
.025	.1659	-.3264
.050	.0601	-.3331
.100	-.0848	-.3633
.200	-.2779	.0231
.400	-.4274	.1650
.600	-.4372	.2179
.800	-.2903	.2612
.900	-.2589	.3040
.925	-.3006	.3460

STATION 4

X/C	CPU	CPL
.010	.3440	-.2641
.025	.1673	-.2652
.050	.0519	-.2617
.100	-.0490	-.2617
.200	-.3047	-.2669
.400	-.4616	.2278
.600	-.4777	.2343
.800	-.3257	.2272
.900	-.2974	.3133
.925	-.3432	.3193

STATION 5

X/C	CPU	CPL
.025	.1899	.3077
.050	.0886	
.075	-.0034	-.1313
.150	-.1084	-.1526
.300	-.4376	-.1758
.450	-.4640	-.0223
.600	-.5292	.1697
.750	-.4786	.3198
.800	-.3899	.3044
.850	-.3274	.2871

STATION 6

X/C	CPU	CPL
.025	.2670	
.050	.1321	-.0976
.100	-.0126	
.200	-.1488	-.1084
.300	-.3228	-.1296
.400	-.3693	-.1519
.500	-.4006	
.600	-.4782	-.1065
.700	-.5416	-.0021
.800	-.4957	.1384

TABLE VI. - Continued

(e) $\alpha = 4.13^{o}$

STATION 1

X/C	CPU	CPL
.005	.3070	-.2867
.010	.0906	-.1533
.025	-.0735	-.0034
.050	-.1306	.0760
.100	-.2035	.0771
.200	-.2842	.1136
.300	-.3746	.1242
.400	-.3793	.1121
.500	-.3299	.1095
.600	-.3291	.1563
.700	-.3268	.1977
.800	-.2556	-.0236
.900	-.1868	.2371
.950	-.1882	.2980
.970	-.1068	

STATION 2

X/C	CPU	CPL
.005	.3029	-.3778
.010	.0922	-.3912
.025	-.0573	-.0537
.050	-.1527	.0371
.100	-.2488	.0902
.200	-.3761	.0053
.300	-.5025	.1462
.400	-.4717	.1549
.500	-.4107	.1628
.600	-.4451	.2189
.700		
.800	-.2801	.2540
.900	-.2480	.3002
.925	-.2781	.3400
.950	-.2405	.3552

STATION 3

X/C	CPU	CPL
.010	.1437	-.3424
.025	-.0721	-.3037
.050	-.1357	.0360
.100	-.2242	.0927
.200	-.4037	.1540
.400	-.5077	.1785
.600	-.4836	.2393
.800	-.3107	.2682
.900	-.2686	.3101
.925	-.2988	.3515

STATION 4

X/C	CPU	CPL
.010	.1577	-.2307
.025	-.0713	-.2295
.050	-.1326	-.2196
.100	-.2090	.0771
.200	-.4395	.1458
.400	-.5421	.1956
.600	-.5270	.1980
.800	-.3486	.2637
.900	-.3087	.2753
.925	-.3499	.3504

STATION 5

X/C	CPU	CPL
.025	-.0247	.3494
.050	-.1123	
.075	-.1839	-.0825
.150	-.2674	-.0733
.300	-.5051	.0585
.450	-.5558	.1628
.600	-.5977	.1814
.750	-.5291	.2683
.800	-.4382	.2689
.850	-.3751	.2583

STATION 6

X/C	CPU	CPL
.025	.1093	
.050	-.0269	-.1624
.100	-.1392	
.200	-.2683	.0903
.300	-.4323	.1382
.400	-.4697	.1377
.500	-.4911	
.600	-.5774	.1389
.700	-.6439	.1333
.800	-.6105	.1152

(f) $\alpha = 6.24^{o}$

STATION 1

X/C	CPU	CPL
.005	.0212	.2027
.010	-.1794	.1598
.025	-.2911	.1467
.050	-.3088	.1525
.100	-.3339	.1599
.200	-.3692	.1641
.300	-.4487	.1725
.400	-.4184	.1507
.500	-.3644	.1426
.600	-.3540	.1796
.700	-.3316	.2210
.800	-.2590	-.0249
.900	-.1782	.2524
.950	-.1744	.3061
.970	-.0977	

STATION 2

X/C	CPU	CPL
.005	-.0325	.0905
.010	-.2109	.1228
.025	-.3405	.1629
.050	-.3653	.1693
.100	-.3978	.1944
.200	-.4830	.0373
.300	-.5899	.1974
.400	-.5440	.1909
.500	-.4642	.1945
.600	-.4822	.2425
.700		
.800	-.2960	.2730
.900	-.2504	.3113
.925	-.2712	.3559
.950	-.2345	.3667

STATION 3

X/C	CPU	CPL
.010	-.2666	.1144
.025	-.3451	.1350
.050	-.3681	.1902
.100	-.4171	.1946
.200	-.3409	.2198
.400	-.6034	.2191
.600	-.5275	.2607
.800	-.3283	.2785
.900	-.2729	.3203
.925	-.2979	.3621

STATION 4

X/C	CPU	CPL
.010	-.2402	.0900
.025	-.3690	.1716
.050	-.4376	.2031
.100	-.4008	.1829
.200	-.5819	.2256
.400	-.6346	.2375
.600	-.5816	.2675
.800	-.3708	.2783
.900	-.3188	.3233
.925	-.3525	.3637

STATION 5

X/C	CPU	CPL
.025	-.3787	.3633
.050	-.3909	
.075	-.4264	.1393
.150	-.4099	.1630
.300	-.7028	.1952
.450	-.6487	.2117
.600	-.6591	.2282
.750	-.5882	.2608
.800	-.4845	.2589
.850	-.4213	.2472

STATION 6

X/C	CPU	CPL
.025	-.1841	
.050	-.2484	.0827
.100	-.3142	
.200	-.3708	.1095
.300	-.5417	.1214
.400	-.5786	.1073
.500	-.5975	
.600	-.7001	.1012
.700	-.7886	.0990
.800	-.7898	.0911

TABLE VI. - Continued

(g) $\alpha = 8.37^{o}$

STATION 1

X/C	CPU	CPL
.005	-.3660	.4461
.010	-.5309	.3773
.025	-.5985	.3046
.050	-.5146	.2563
.100	-.4608	.2461
.200	-.4634	.2318
.300	-.5125	.2284
.400	-.4651	.1997
.500	-.3976	.1781
.600	-.3735	.2161
.700	-.3493	.2466
.800	-.2595	-.0212
.900	-.1786	.2643
.950	-.1643	.3159
.970	-.0938	

STATION 2

X/C	CPU	CPL
.005	-.5751	.4003
.010	-.6829	.3494
.025	-.7026	.3089
.050	-.6481	.2914
.100	-.5776	.2643
.200	-.6170	.0713
.300	-.6926	.2411
.400	-.6092	.2289
.500	-.5159	.2245
.600	-.5170	.2679
.700		
.800	-.3040	.2881
.900	-.2410	.3204
.925	-.2548	.3624
.950	-.2101	.3735

STATION 3

X/C	CPU	CPL
.010	-.8231	.4031
.025	-.7547	.3369
.050	-.6766	.3230
.100	-.6039	.2783
.200	-.6780	.2780
.400	-.6681	.2581
.600	-.5769	.2837
.800	-.3503	.2914
.900	-.2800	.3264
.925	-.2989	.3692

STATION 4

X/C	CPU	CPL
.010	-.7977	.4326
.025	-.7898	.3602
.050	-.7552	.3229
.100	-.5940	.2473
.200	-.7518	.2868
.400	-.7366	.2691
.600	-.6336	.2820
.800	-.3972	.2900
.900	-.3319	.3270
.925	-.3493	.3696

STATION 5

X/C	CPU	CPL
.025	-.7810	.3708
.050	-.6997	
.075	-.6701	.2500
.150	-.6440	.2486
.300	-.8467	.2495
.450	-.7450	.2420
.600	-.7499	.2481
.750	-.6523	.2667
.800	-.5543	.2605
.850	-.4823	.2581

STATION 6

X/C	CPU	CPL
.025	-.6474	
.050	-.5667	.2238
.100	-.5116	
.200	-.5112	.1098
.300	-.7039	.1010
.400	-.7537	.0717
.500	-.7840	
.600	-.9025	.0564
.700	-1.0134	.0587
.800	-1.0441	.0568

(h) $\alpha = 10.54^{o}$

STATION 1

X/C	CPU	CPL
.005	-.9181	.5648
.010	-.9702	.5093
.025	-.8497	.4278
.050	-.7416	.3610
.100	-.5897	.3162
.200	-.5603	.2947
.300	-.5807	.2679
.400	-.5107	.2451
.500	-.4217	.2118
.600	-.3932	.2455
.700	-.3590	.2691
.800	-.2629	-.0057
.900	-.1754	.2754
.950	-.1759	.3276
.970	-.1109	

STATION 2

X/C	CPU	CPL
.005	-1.3552	.4673
.010	-1.3126	.5059
.025	-1.1140	.4337
.050	-.9139	.3775
.100	-.7504	.3404
.200	-.7381	.0991
.300	-.7830	.2879
.400	-.6855	.2732
.500	-.5680	.2558
.600	-.5504	.2866
.700		
.800	-.3112	.2973
.900	-.2371	.3245
.925	-.2395	.3644
.950	-.1916	.3743

STATION 3

X/C	CPU	CPL
.010	-1.4561	.5227
.025	-1.3008	.4479
.050	-.9292	.4272
.100	-.8268	.3541
.200	-.8126	.3265
.400	-.7552	.2990
.600	-.6106	.3046
.800	-.3632	.2997
.900	-.2772	.3306
.925	-.2838	.3692

STATION 4

X/C	CPU	CPL
.010	-1.2397	.5330
.025	-1.2935	.4614
.050	-1.0616	.4496
.100	-.8872	.3732
.200	-.9181	.3360
.400	-.8167	.2986
.600	-.6838	.3028
.800	-.4254	.2977
.900	-.3365	.3254
.925	-.3429	.3619

STATION 5

X/C	CPU	CPL
.025	-1.2648	.3602
.050	-1.0705	
.075	-.9731	.3020
.150	-.8472	.3214
.300	-.9710	.3183
.450	-.8440	.2469
.600	-.8290	.2556
.750	-.7042	.2711
.800	-.6043	.2549
.850	-.5234	.2356

STATION 6

X/C	CPU	CPL
.025	-1.4327	
.050	-.9255	.2880
.100	-.7372	
.200	-.7342	.1093
.300	-.8816	.0884
.400	-.9456	.0425
.500	-.9719	
.600	-1.0778	.0237
.700	-1.2119	.0263
.800	-1.2570	.0183

TABLE VI.- Continued

(i) $\alpha = 12.73^{o}$

STATION 1

X/C	CPU	CPL
.005	-1.5061	.6003
.010	-1.4758	.6024
.025	-1.2164	.5220
.050	-.9968	.4476
.100	-.7490	.3826
.200	-.6438	.3554
.300	-.6390	.3306
.400	-.5563	.2830
.500	-.4638	.2539
.600	-.4243	.2766
.700	-.3758	.2918
.800	-.2822	-.0091
.900	-.1935	.2945
.950	-.2106	.3443
.970	-.1349	

STATION 2

X/C	CPU	CPL
.005	-2.7605	.4330
.010	-1.6066	.5577
.025	-1.4582	.5125
.050	-1.1837	.4622
.100	-.9554	.4061
.200	-.8646	.1366
.300	-.8754	.3356
.400	-.7419	.3161
.500	-.6069	.2913
.600	-.5744	.3153
.700		
.800	-.3175	.3144
.900	-.2244	.3261
.925	-.2148	.3680
.950	-.1705	.3776

STATION 3

X/C	CPU	CPL
.010	-2.5863	.5536
.025	-1.6270	.5353
.050	-1.3627	.4849
.100	-1.0885	.4284
.200	-.9690	.3859
.400	-.8278	.3301
.600	-.6429	.3301
.800	-.3723	.3160
.900	-.2704	.3330
.925	-.2494	.3747

STATION 4

X/C	CPU	CPL
.010	-2.9382	.4964
.025	-2.2505	.5281
.050	-1.7319	.5065
.100	-1.1117	.4372
.200	-1.0461	.3879
.400	-.8709	.3362
.600	-.7159	.3250
.800	-.4296	.3158
.900	-.3323	.3261
.925	-.3258	.3477

STATION 5

X/C	CPU	CPL
.025	-1.8107	.3516
.050	-1.8215	
.075	-1.7697	.4302
.150	-1.6117	.4098
.300	-1.0444	.3691
.450	-.8885	.2621
.600	-.8416	.2673
.750	-.7325	.2658
.800	-.6616	.2510
.850	-.5798	.2503

STATION 6

X/C	CPU	CPL
.025	-1.4543	
.050	-1.4595	.3449
.100	-1.4295	
.200	-1.0500	.1015
.300	-.9924	.0615
.400	-1.0935	.0034
.500	-1.1369	
.600	-1.2675	-.0108
.700	-1.4156	-.0082
.800	-1.5099	-.0126

(j) $\alpha = 15.01^{o}$

STATION 1

X/C	CPU	CPL
.005	-2.9454	.5444
.010	-1.8004	.6332
.025	-1.5227	.5851
.050	-1.2015	.5232
.100	-.9174	.4524
.200	-.7529	.3965
.300	-.7241	.3642
.400	-.6216	.3295
.500	-.5183	.2970
.600	-.4612	.3019
.700	-.4139	.3206
.800	-.3122	.0030
.900	-.2022	.3119
.950	-.2296	.3617
.970	-.1441	

STATION 2

X/C	CPU	CPL
.005	-3.1612	.3131
.010	-3.3368	.5451
.025	-2.5846	.5633
.050	-1.6030	.5295
.100	-1.1224	.4803
.200	-.9783	.1661
.300	-.9278	.3837
.400	-.7840	.3496
.500	-.6429	.3190
.600	-.5931	.3429
.700		
.800	-.3203	.3184
.900	-.2055	.3337
.925	-.1843	.3751
.950	-.1467	.3738

STATION 3

X/C	CPU	CPL
.010	-2.6022	.5378
.025	-2.6430	.5774
.050	-2.3849	.5339
.100	-2.2184	.4828
.200	-.8707	.4226
.400	-.8290	.3539
.600	-.6482	.3363
.800	-.3764	.3163
.900	-.2863	.3288
.925	-.2786	.3703

STATION 4

X/C	CPU	CPL
.010	-2.0665	.4578
.025	-2.1143	.5725
.050	-2.0275	.5714
.100	-1.9876	.4928
.200	-1.8538	.4287
.400	-.9838	.3561
.600	-.7015	.3365
.800	-.4633	.3081
.900	-.4015	.3269
.925	-.4346	.3686

STATION 5

X/C	CPU	CPL
.025	-1.5289	.4036
.050	-1.5326	
.075	-1.5429	.3405
.150	-1.4761	.3914
.300	-1.3413	.3395
.450	-1.1619	.2578
.600	-.9741	.2612
.750	-.8189	.2540
.800	-.7772	.2321
.850	-.7048	.1715

STATION 6

X/C	CPU	CPL
.025	-1.3396	
.050	-1.3005	.3382
.100	-1.3608	
.200	-1.3647	.0785
.300	-1.2393	.0261
.400	-1.1554	-.0313
.500	-1.1853	
.600	-1.2693	-.0293
.700	-1.3631	-.0318
.800	-1.3912	-.0338

TABLE VI. - Continued

(k) $\alpha = 17.12^{o}$

STATION 1

X/C	CPU	CPL
.005	-3.9018	.4440
.010	-2.9208	.6365
.025	-1.8841	.6387
.050	-1.4468	.5981
.100	-1.0563	.5214
.200	-.8328	.4616
.300	-.7831	.4217
.400	-.6712	.3730
.500	-.5846	.3417
.600	-.5200	.3431
.700	-.4551	.3457
.800	-.3476	.0056
.900	-.2264	.3220
.950	-.2377	.3718
.970	-.1532	

STATION 2

X/C	CPU	CPL
.005	-2.1953	.2198
.010	-2.2274	.5258
.025	-2.1926	.5976
.050	-2.1488	.5669
.100	-2.1431	.5211
.200	-1.5940	.1911
.300	-.9161	.4136
.400	-.7814	.3685
.500	-.6513	.3594
.600	-.6337	.3657
.700		
.800	-.4022	.3423
.900	-.3334	.3392
.925	-.3702	.3883
.950	-.3415	.3818

STATION 3

X/C	CPU	CPL
.010	-1.7330	.5453
.025	-1.7110	.6145
.050	-1.6969	.5869
.100	-1.6351	.5319
.200	-1.5228	.4697
.400	-1.2009	.3940
.600	-.8740	.3648
.800	-.5965	.3296
.900	-.4843	.3285
.925	-.4647	.3833

STATION 4

X/C	CPU	CPL
.010	-1.4693	.4495
.025	-1.4414	.5952
.050	-1.3773	.5915
.100	-1.4145	.5933
.200	-1.3549	.4666
.400	-1.1768	.3881
.600	-.9317	.3529
.800	-.7245	.3017
.900	-.6163	.3050
.925	-.5910	.3245

STATION 5

X/C	CPU	CPL
.025	-1.1265	.3578
.050	-1.0623	
.075	-1.1147	.4832
.150	-1.1474	.4326
.300	-1.1085	.3684
.450	-1.0343	.2915
.600	-.9192	.2805
.750	-.8013	.2462
.800	-.7580	.2353
.850	-.7320	.1621

STATION 6

X/C	CPU	CPL
.025	-1.0293	
.050	-1.0471	.3870
.100	-1.0589	
.200	-1.0770	.1173
.300	-1.0113	.0725
.400	-.9667	.0196
.500	-.9694	
.600	-.9289	.0210
.700	-.9221	.0082
.800	-.8752	-.0114

(l) $\alpha = 19.22^{o}$

STATION 1

X/C	CPU	CPL
.005	-3.7156	.3656
.010	-3.7521	.6344
.025	-3.3680	.6805
.050	-1.9625	.6355
.100	-.9772	.5610
.200	-.8516	.4956
.300	-.7999	.4405
.400	-.6917	.3851
.500	-.6049	.3369
.600	-.5829	.3380
.700	-.5501	.3388
.800	-.4581	-.0040
.900	-.3270	.2987
.950	-.3248	.3402
.970	-.2372	

STATION 2

X/C	CPU	CPL
.005	-1.6228	.1548
.010	-1.6498	.4843
.025	-1.6051	.5985
.050	-1.6070	.5916
.100	-1.4856	.5470
.200	-1.4044	.2024
.300	-1.2586	.4260
.400	-1.1396	.3779
.500	-1.0217	.3725
.600	-.8995	.3606
.700		
.800	-.6534	.3205
.900	-.5328	.3089
.925	-.5379	.3472
.950	-.5037	.3527

STATION 3

X/C	CPU	CPL
.010	-1.2471	.5372
.025	-1.2714	.6174
.050	-1.2610	.6069
.100	-1.2367	.5448
.200	-1.1844	.4797
.400	-1.0485	.4077
.600	-.9408	.3586
.800	-.7577	.2986
.900	-.6707	.2794
.925	-.6348	.3072

STATION 4

X/C	CPU	CPL
.010	-1.1389	.4454
.025	-1.1339	.6082
.050	-1.1356	.5960
.100	-1.0780	.5936
.200	-1.0829	.4751
.400	-.9874	.3856
.600	-.8842	.3417
.800	-.7780	.2668
.900	-.7052	.2482
.925	-.6974	.2791

STATION 5

X/C	CPU	CPL
.025	-.9057	.3365
.050	-.9187	
.075	-.8999	.3798
.150	-.9235	.4314
.300	-.9672	.3636
.450	-.9127	.2854
.600	-.8615	.2648
.750	-.7779	.2343
.800	-.7567	.1877
.850	-.7434	.1324

STATION 6

X/C	CPU	CPL
.025	-.8457	
.050	-.8502	.3825
.100	-.9096	
.200	-.9111	.1314
.300	-.9139	.0962
.400	-.8480	.0578
.500	-.7969	
.600	-.7712	.0462
.700	-.7479	.0311
.800	-.7513	.0091

TABLE VI.- Concluded

(m) $\alpha = 21.28^{o}$

STATION 1

X/C	CPU	CPL
.005	-2.7469	.3794
.010	-2.7595	.6646
.025	-2.5972	.7107
.050	-2.6190	.6684
.100	-2.0387	.5977
.200	-1.0078	.5185
.300	-.8039	.4598
.400	-.7440	.3951
.500	-.6641	.3426
.600	-.6323	.3374
.700	-.6122	.3307
.800	-.5356	-.0308
.900	-.4465	.2782
.950	-.4159	.3057
.970	-.3390	

STATION 2

X/C	CPU	CPL
.005	-1.3519	.3312
.010	-1.3250	.5760
.025	-1.2886	.6282
.050	-1.2674	.5957
.100	-1.2223	.5536
.200	-1.1733	.2088
.300	-1.1293	.4336
.400	-1.0708	.3857
.500	-1.0208	.3595
.600	-.9277	.3500
.700		
.800	-.7627	.2785
.900	-.6738	.2397
.925	-.6515	.2778
.950	-.6391	.2724

STATION 3

X/C	CPU	CPL
.010	-1.1075	.5539
.025	-1.1232	.6095
.050	-1.0969	.5963
.100	-1.0863	.5484
.200	-1.0678	.4892
.400	-.9799	.3888
.600	-.8989	.3492
.800	-.7965	.2625
.900	-.7100	.2226
.925	-.7029	.2481

STATION 4

X/C	CPU	CPL
.010	-1.0301	.4702
.025	-.9965	.6002
.050	-.9916	.5814
.100	-.9878	.5878
.200	-.9475	.4684
.400	-.9142	.3891
.600	-.8800	.3194
.800	-.7986	.2325
.900	-.7568	.2051
.925	-.7583	.2402

STATION 5

X/C	CPU	CPL
.025	-.8354	.2739
.050	-.8578	
.075	-.8224	.3319
.150	-.8506	.4303
.300	-.8294	.3557
.450	-.8137	.2692
.600	-.7921	.2584
.750	-.7608	.2180
.800	-.7759	.1934
.850	-.7454	.1286

STATION 6

X/C	CPU	CPL
.025	-.7454	
.050	-.7637	.3708
.100	-.7871	
.200	-.8168	.1455
.300	-.8102	.1018
.400	-.7811	.0560
.500	-.7368	
.600	-.7141	.0482
.700	-.6992	.0258
.800	-.7245	.0036

TABLE VII.- PRESSURE COEFFICIENTS AT A MACH NUMBER OF 0.20 FOR THE MODEL WITH STRAKE ON. $C_{L,d} = 0.70$

(a) $\alpha = -3.80^{o}$

STATION 1

X/C	CPU	CPL
.005	.3018	-.1029
.010	.3048	-.1146
.025	.2469	-.1589
.050	.1820	-.1312
.100	.1360	-.1560
.200	.0384	-.0534
.300	-.0789	-.0024
.400	-.1203	.0307
.500	-.1258	.0524
.600	-.1689	.1059
.700	-.1880	.1694
.800	-.1534	-.0376
.900	-.1254	.2373
.950	-.1741	.2974
.970	-.0887	

STATION 2

X/C	CPU	CPL
.005	.4095	-.8591
.010	.3450	-1.0270
.025	.5092	-1.0713
.050	.4235	-1.1788
.100	.2451	-1.8906
.200	.0521	-.0647
.300	-.1346	.0426
.400	-.1588	.0465
.500	-.1671	.0615
.600	-.2300	.1155
.700		
.800	-.1825	.1033
.900	-.1947	.2396
.925	-.2362	.3079
.950	-.2260	.3509

STATION 3

X/C	CPU	CPL
.010	.5431	-.6905
.025	.5127	-.7085
.050	.4351	-.7167
.100	.2663	-.7638
.200	.0400	-1.5216
.400	-.1797	.1769
.600	-.2536	.2472
.800	-.1815	.2581
.900	-.1846	.2757
.925	-.2319	.3266

STATION 4

X/C	CPU	CPL
.010	.5499	-.4820
.025	.5078	-.4779
.050	.4409	-.4709
.100	.2918	-.4783
.200	.0473	-.4853
.400	-.1785	-.6882
.600	-.3217	-.0985
.800	-.2378	.1842
.900	-.2386	.3147
.925	-.2979	.3132

STATION 5

X/C	CPU	CPL
.025	.4733	.2650
.050	.3885	
.075	.3307	-.2100
.150	.1735	-.2100
.300	-.1368	-.2211
.450	-.2431	-.2629
.600	-.3464	-.3929
.750	-.3670	-.3212
.800	-.3115	-.2852
.850	-.2747	-.2350

STATION 6

X/C	CPU	CPL
.025	.4712	
.050	.3701	-.0303
.100	.2539	
.200	.0775	-.0193
.300	-.0827	-.0318
.400	-.1559	-.0215
.500	-.2159	
.600	-.2836	-.0374
.700	-.3353	-.0668
.800	-.3544	-.1392

(b) $\alpha = -1.91^{o}$

STATION 1

X/C	CPU	CPL
.005	.2736	-.0654
.010	.2642	-.0839
.025	.2168	-.1282
.050	.1587	-.1198
.100	.0739	-.1351
.200	-.0170	-.0763
.300	-.1411	-.0170
.400	-.1777	-.0031
.500	-.1800	.0093
.600	-.1999	.0756
.700	-.2107	.1095
.800	-.1791	-.0725
.900	-.1446	.1809
.950	-.1743	.2441
.970	-.0931	

STATION 2

X/C	CPU	CPL
.005	.5101	-.7314
.010	.5159	-.8783
.025	.4343	-.8697
.050	.3192	-1.0135
.100	.1615	-1.5961
.200	-.0293	-.0507
.300	-.1915	.0801
.400	-.2217	.0684
.500	-.2221	.1267
.600	-.2756	.1881
.700		
.800	-.1919	.2446
.900	-.1862	.2774
.925	-.2347	.3277
.950	-.2201	.3377

STATION 3

X/C	CPU	CPL
.010	.5432	-.5907
.025	.4410	-.6050
.050	.3401	-.6004
.100	.1796	-.6406
.200	-.0561	-1.0088
.400	-.2522	.2413
.600	-.2986	.2684
.800	-.2091	.2972
.900	-.1994	.3540
.925	-.2468	.3753

STATION 4

X/C	CPU	CPL
.010	.5296	-.3978
.025	.4392	-.3982
.050	.3320	-.4024
.100	.1807	-.4076
.200	-.0562	-.4094
.400	-.2543	-.3856
.600	-.3828	.3007
.800	-.2897	.3664
.900	-.2665	.4018
.925	-.3251	.4528

STATION 5

X/C	CPU	CPL
.025	.3829	.4128
.050	.2840	
.075	.2056	-.1888
.150	.0529	-.1973
.300	-.2640	-.2165
.450	-.3350	-.3204
.600	-.4163	-.3273
.750	-.4219	-.1768
.800	-.3419	-.1475
.850	-.2943	-.0749

STATION 6

X/C	CPU	CPL
.025	.4070	
.050	.2827	-.0351
.100	.1329	
.200	-.0195	-.0279
.300	-.1690	-.0314
.400	-.2367	-.0292
.500	-.2752	
.600	-.3308	-.1036
.700	-.4024	-.1843
.800	-.4317	-.2488

TABLE VII.- Continued

(c) $\alpha = 0.00^{o}$

STATION 1

X/C	CPU	CPL
.005	.2530	.0397
.010	.2404	.0109
.025	.1830	-.0248
.050	.1061	-.0207
.100	.0368	-.0231
.200	-.0883	.0026
.300	-.1942	.0369
.400	-.2194	.0431
.500	-.2052	.0558
.600	-.2218	.1125
.700	-.2328	.1495
.800	-.1867	-.0350
.900	-.1318	.2070
.950	-.1572	.2506
.970	-.0790	

STATION 2

X/C	CPU	CPL
.005	.5349	-.5440
.010	.4873	-.6734
.025	.3263	-.6998
.050	.2185	-.7240
.100	.0492	-.6900
.200	-.1270	.0382
.300	-.2783	.1534
.400	-.2852	.1544
.500	-.2687	.1509
.600	-.3064	.2156
.700		
.800	-.2006	.2550
.900	-.1978	.3142
.925	-.2428	.3528
.950	-.2212	.3672

STATION 3

X/C	CPU	CPL
.010	.4836	-.4489
.025	.3289	-.4543
.050	.2291	-.4626
.100	.0799	-.5012
.200	-.1478	-.3900
.400	-.3081	.2350
.600	-.3453	.2604
.800	-.2360	.3060
.900	-.2095	.3381
.925	-.2421	.3939

STATION 4

X/C	CPU	CPL
.010	.4834	-.3290
.025	.3422	-.3272
.050	.2512	-.3313
.100	.0895	-.3258
.200	-.1139	-.3382
.400	-.2852	-.0516
.600	-.3958	.1386
.800	-.2693	.2501
.900	-.2623	.3244
.925	-.3041	.3175

STATION 5

X/C	CPU	CPL
.025	.3423	.3230
.050	.2144	
.075	.1309	-.1667
.150	.0051	-.1667
.300	-.3042	-.1962
.450	-.3510	-.1519
.600	-.4212	-.0713
.750	-.3943	.0743
.800	-.3079	.1227
.850	-.2603	.1649

STATION 6

X/C	CPU	CPL
.025	.3893	
.050	.2341	-.0576
.100	.1107	
.200	-.0638	-.0314
.300	-.2011	-.0249
.400	-.2588	-.0119
.500	-.2863	
.600	-.3357	-.0593
.700	-.3742	-.0902
.800	-.3701	-.0731

(d) $\alpha = 1.92^{o}$

STATION 1

X/C	CPU	CPL
.005	.2500	.0659
.010	.2330	.0406
.025	.1615	.0056
.050	.0757	.0296
.100	-.0212	.0354
.200	-.1480	.0620
.300	-.2534	.0751
.400	-.2646	.0793
.500	-.2413	.0897
.600	-.2533	.1419
.700	-.2624	.1728
.800	-.2112	-.0210
.900	-.1460	.2211
.950	-.1571	.2637
.970	-.0843	

STATION 2

X/C	CPU	CPL
.005	.4795	-.3904
.010	.3264	-.4782
.025	.1753	-.4929
.050	.0701	-.4805
.100	-.0604	-.1214
.200	-.2272	.0049
.300	-.3516	.1310
.400	-.3422	.1253
.500	-.3144	.1608
.600	-.3488	.2205
.700		
.800	-.2329	.2599
.900	-.1965	.3091
.925	-.2291	.3509
.950	-.2038	.3624

STATION 3

X/C	CPU	CPL
.010	.3676	-.3348
.025	.1903	-.3297
.050	.0844	-.3428
.100	-.0490	-.3479
.200	-.2466	.1264
.400	-.3770	.1975
.600	-.3853	.2518
.800	-.2444	.2809
.900	-.2180	.3215
.925	-.2578	.3696

STATION 4

X/C	CPU	CPL
.010	.4011	-.2548
.025	.1856	-.2525
.050	.0929	-.2552
.100	-.0565	-.2596
.200	-.2579	-.2397
.400	-.3958	.2577
.600	-.4454	.2521
.800	-.3009	.2481
.900	-.2735	.2476
.925	-.3145	.2417

STATION 5

X/C	CPU	CPL
.025	.2151	.2547
.050	.0802	
.075	.0124	-.1224
.150	-.1086	-.1494
.300	-.4107	-.1536
.450	-.4306	.0621
.600	-.4939	.2671
.750	-.4565	.3439
.800	-.3528	.3410
.850	-.3042	.3201

STATION 6

X/C	CPU	CPL
.025	.2733	
.050	.1433	-.0590
.100	.0075	
.200	-.1433	-.0488
.300	-.2835	-.0900
.400	-.3417	-.1219
.500	-.3862	
.600	-.4468	-.0506
.700	-.4831	.0024
.800	-.4637	.1533

TABLE VII. - Continued

(e) $\alpha = 3.90^{o}$

STATION 1

X/C	CPU	CPL
.005	.2327	.1059
.010	.2240	.1009
.025	.1698	.0547
.050	.0964	.0751
.100	-.0221	.0848
.200	-.1700	.1061
.300	-.2770	.1237
.400	-.3003	.1231
.500	-.2645	.1231
.600	-.2728	.1644
.700	-.2665	.1950
.800	-.2067	-.0105
.900	-.1385	.2254
.950	-.1782	.2868
.970	-.0899	

STATION 2

X/C	CPU	CPL
.005	.3341	-.2366
.010	.1494	-.2824
.025	-.0106	-.1863
.050	-.0942	.0313
.100	-.1843	.1066
.200	-.2989	.0275
.300	-.4232	.1646
.400	-.3892	.1688
.500	-.3406	.1827
.600	-.3631	.2422
.700		
.800	-.2163	.2801
.900	-.1776	.3235
.925	-.1845	.3634
.950	-.1509	.3835

STATION 3

X/C	CPU	CPL
.010	.1698	-.1935
.025	-.0212	-.1869
.050	-.0921	-.0502
.100	-.1885	.1415
.200	-.3488	.1925
.400	-.4353	.2259
.600	-.4168	.2669
.800	-.2522	.2997
.900	-.2125	.3330
.925	-.2369	.3680

STATION 4

X/C	CPU	CPL
.010	.2011	-.1615
.025	-.0182	-.1670
.050	-.0867	-.1443
.100	-.2073	-.1071
.200	-.3783	.0438
.400	-.4636	.1799
.600	-.4827	.1980
.800	-.3151	.2075
.900	-.2693	.2160
.925	-.3078	.2817

STATION 5

X/C	CPU	CPL
.025	.0321	.2770
.050	-.0865	
.075	-.1432	-.1109
.150	-.2387	-.0708
.300	-.5062	.1637
.450	-.5034	.2347
.600	-.5345	.2678
.750	-.4744	.2913
.800	-.3814	.2952
.850	-.3279	.2732

STATION 6

X/C	CPU	CPL
.025	.1559	
.050	.0099	-.2895
.100	-.1008	
.200	-.2541	.0856
.300	-.3806	.1013
.400	-.4247	.1051
.500	-.4432	
.600	-.5198	.1611
.700	-.5757	.1733
.800	-.5452	.1566

(f) $\alpha = 5.93^{o}$

STATION 1

X/C	CPU	CPL
.005	.0621	.1387
.010	.0493	.1177
.025	.0428	.0868
.050	.0322	.1199
.100	-.0683	.1219
.200	-.1884	.1473
.300	-.2889	.1594
.400	-.3064	.1554
.500	-.2779	.1482
.600	-.2789	.1867
.700	-.2820	.2159
.800	-.2201	-.0150
.900	-.1588	.2496
.950	-.2104	.2939
.970	-.1182	

STATION 2

X/C	CPU	CPL
.005	.0373	.0268
.010	-.1664	.1034
.025	-.2498	.1591
.050	-.2775	.1756
.100	-.2871	.1795
.200	-.3950	.0426
.300	-.4830	.1989
.400	-.4363	.2046
.500	-.3661	.2218
.600	-.3716	.2530
.700		
.800	-.2074	.2952
.900	-.1580	.3296
.925	-.1655	.3734
.950	-.1518	.3845

STATION 3

X/C	CPU	CPL
.010	-.1652	.1394
.025	-.2599	.1736
.050	-.3140	.2180
.100	-.3346	.2149
.200	-.4539	.2549
.400	-.4938	.2514
.600	-.4355	.2921
.800	-.2548	.3087
.900	-.2045	.3459
.925	-.2195	.3872

STATION 4

X/C	CPU	CPL
.010	-.1523	.1261
.025	-.3499	.1959
.050	-.3472	.2442
.100	-.3867	.2338
.200	-.5091	.2563
.400	-.5412	.2630
.600	-.5139	.2947
.800	-.3368	.3044
.900	-.2720	.3452
.925	-.3046	.3846

STATION 5

X/C	CPU	CPL
.025	-.2868	.3752
.050	-.3545	
.075	-.3586	.1944
.150	-.3829	.1956
.300	-.6143	.2246
.450	-.5753	.2505
.600	-.5950	.2739
.750	-.5098	.3031
.800	-.4333	.2880
.850	-.3710	.2791

STATION 6

X/C	CPU	CPL
.025	-.1346	
.050	-.2116	.0485
.100	-.2665	
.200	-.3553	.1297
.300	-.4915	.1662
.400	-.4997	.1428
.500	-.5387	
.600	-.6143	.1431
.700	-.6886	.1428
.800	-.6969	.1402

TABLE VII.- Continued

(g) $\alpha = 7.98^{o}$

STATION 1

X/C	CPU	CPL
.005	-.1187	.1695
.010	-.1285	.1474
.025	-.1381	.1238
.050	-.1402	.1349
.100	-.1944	.1634
.200	-.2734	.1833
.300	-.3477	.1994
.400	-.3691	.1802
.500	-.3202	.1788
.600	-.3160	.1980
.700	-.3189	.2375
.800	-.2577	-.0208
.900	-.1859	.2596
.950	-.2333	.3094
.970	-.1407	

STATION 2

X/C	CPU	CPL
.005	-.3905	.3102
.010	-.5155	.3256
.025	-.5170	.2802
.050	-.4779	.2709
.100	-.4237	.2582
.200	-.4908	.0646
.300	-.5413	.2324
.400	-.4847	.2327
.500	-.4005	.2272
.600	-.3950	.2895
.700		
.800	-.2179	.2957
.900	-.1635	.3365
.925	-.1790	.3690
.950	-.1576	.3833

STATION 3

X/C	CPU	CPL
.010	-.6135	.3668
.025	-.6054	.3461
.050	-.5750	.3281
.100	-.5084	.2903
.200	-.5626	.3002
.400	-.5548	.2781
.600	-.4557	.3041
.800	-.2571	.3138
.900	-.1859	.3502
.925	-.1918	.3795

STATION 4

X/C	CPU	CPL
.010	-.6456	.4276
.025	-.6980	.3981
.050	-.6135	.3321
.100	-.5947	.3296
.200	-.6455	.3108
.400	-.6218	.2901
.600	-.5671	.3108
.800	-.3335	.3136
.900	-.2743	.3509
.925	-.2955	.3574

STATION 5

X/C	CPU	CPL
.025	-.7062	.3887
.050	-.6418	
.075	-.6226	.1520
.150	-.5955	.2137
.300	-.7506	.2400
.450	-.6667	.2524
.600	-.6659	.2522
.750	-.5758	.2767
.800	-.4876	.2864
.850	-.4122	.2754

STATION 6

X/C	CPU	CPL
.025	-.5239	
.050	-.4725	.2258
.100	-.4501	
.200	-.5067	.1417
.300	-.6122	.1431
.400	-.6599	.1076
.500	-.7104	
.600	-.8053	.1032
.700	-.9239	.1144
.800	-.9308	.1034

(h) $\alpha = 10.06^{o}$

STATION 1

X/C	CPU	CPL
.005	-.2685	.1924
.010	-.2768	.1868
.025	-.3123	.1495
.050	-.3025	.1774
.100	-.3440	.1883
.200	-.3841	.2323
.300	-.4141	.2342
.400	-.4174	.2217
.500	-.3592	.2062
.600	-.3380	.2328
.700	-.3372	.2659
.800	-.2679	-.0158
.900	-.1887	.2770
.950	-.2556	.3223
.970	-.1596	

STATION 2

X/C	CPU	CPL
.005	-.9389	.4068
.010	-.9317	.4391
.025	-.8102	.3811
.050	-.6826	.3515
.100	-.5100	.3139
.200	-.5497	.0900
.300	-.5718	.2803
.400	-.4967	.2707
.500	-.4192	.2772
.600	-.4007	.3201
.700		
.800	-.2210	.3217
.900	-.1667	.3494
.925	-.1960	.3923
.950	-.1809	.3954

STATION 3

X/C	CPU	CPL
.010	-1.1915	.5191
.025	-.9826	.4602
.050	-.8586	.4175
.100	-.6797	.3658
.200	-.6603	.3480
.400	-.6022	.3164
.600	-.4681	.3211
.800	-.2458	.3289
.900	-.1641	.3604
.925	-.1624	.3945

STATION 4

X/C	CPU	CPL
.010	-1.2082	.5599
.025	-1.0336	.5629
.050	-.9039	.4339
.100	-.7348	.4280
.200	-.7592	.3552
.400	-.6790	.3181
.600	-.5770	.3305
.800	-.3343	.3217
.900	-.2539	.3575
.925	-.2551	.3949

STATION 5

X/C	CPU	CPL
.025	-.9637	.4035
.050	-.8947	
.075	-.8472	.2121
.150	-.7523	.2929
.300	-.8726	.3026
.450	-.7450	.2870
.600	-.7180	.2845
.750	-.5977	.3053
.800	-.5088	.2845
.850	-.4417	.2679

STATION 6

X/C	CPU	CPL
.025	-1.3582	
.050	-.6460	.3078
.100	-.6336	
.200	-.6322	.1301
.300	-.7618	.1235
.400	-.8104	.0676
.500	-.8649	
.600	-.9508	.0625
.700	-1.0455	.0680
.800	-1.0690	.0694

TABLE VII. - Continued

(i) $\alpha = 12.18^{o}$

STATION 1

X/C	CPU	CPL
.005	-.4293	.2224
.010	-.4294	.2117
.025	-.4584	.1852
.050	-.4896	.2114
.100	-.5374	.2238
.200	-.5425	.2610
.300	-.5196	.2635
.400	-.4773	.2480
.500	-.4172	.2339
.600	-.3780	.2532
.700	-.3822	.2902
.800	-.2982	-.0034
.900	-.2031	.2650
.950	-.2332	.3167
.970	-.1406	

STATION 2

X/C	CPU	CPL
.005	-1.5869	.3866
.010	-1.4007	.5087
.025	-1.0559	.4590
.050	-.8028	.4109
.100	-.6517	.3692
.200	-.5968	.1071
.300	-.6025	.3126
.400	-.5366	.2963
.500	-.4553	.2971
.600	-.4263	.3201
.700		
.800	-.2260	.3306
.900	-.1666	.3409
.925	-.1970	.3871
.950	-.1887	.3970

STATION 3

X/C	CPU	CPL
.010	-2.2101	.5591
.025	-1.2662	.5213
.050	-1.0496	.4842
.100	-.8503	.4260
.200	-.7554	.3869
.400	-.6230	.3423
.600	-.4837	.3440
.800	-.2734	.3355
.900	-.2084	.3526
.925	-.2128	.3822

STATION 4

X/C	CPU	CPL
.010	-2.7789	.4561
.025	-1.4632	.4707
.050	-1.1832	.4642
.100	-.9486	.4637
.200	-.8872	.4529
.400	-.7189	.4208
.600	-.5809	.3460
.800	-.3320	.3266
.900	-.2392	.3408
.925	-.2014	.3792

STATION 5

X/C	CPU	CPL
.025	-1.8199	.3847
.050	-1.7769	
.075	-1.6928	.1814
.150	-1.1592	.3126
.300	-.8683	.3178
.450	-.7849	.3037
.600	-.7545	.3023
.750	-.6279	.3075
.800	-.5414	.2804
.850	-.4663	.2496

STATION 6

X/C	CPU	CPL
.025	-1.3450	
.050	-1.3456	.3535
.100	-1.2015	
.200	-.8501	.1305
.300	-.8665	.1000
.400	-.9526	.0367
.500	-.9854	
.600	-1.0966	.0131
.700	-1.2364	.0308
.800	-1.3193	.0394

(j) $\alpha = 14.37^{o}$

STATION 1

X/C	CPU	CPL
.005	-.5475	.2630
.010	-.5808	.2585
.025	-.6127	.2278
.050	-.6191	.2530
.100	-.7014	.2655
.200	-.6782	.3100
.300	-.6295	.3197
.400	-.5679	.2896
.500	-.4927	.2627
.600	-.4196	.2890
.700	-.4092	.2959
.800	-.3236	.0081
.900	-.2179	.2920
.950	-.2052	.3374
.970	-.1306	

STATION 2

X/C	CPU	CPL
.005	-2.7298	.2917
.010	-1.9757	.4998
.025	-1.2173	.5034
.050	-.9868	.4546
.100	-.7693	.4246
.200	-.7014	.1354
.300	-.6612	.3515
.400	-.5882	.3266
.500	-.4769	.3270
.600	-.4446	.3534
.700		
.800	-.2417	.3454
.900	-.1678	.3659
.925	-.1845	.3984
.950	-.1536	.4101

STATION 3

X/C	CPU	CPL
.010	-2.7852	.5368
.025	-2.6868	.5524
.050	-1.7005	.5424
.100	-.8219	.4803
.200	-.7873	.4316
.400	-.6210	.3768
.600	-.4903	.3714
.800	-.3217	.3602
.900	-.2524	.3678
.925	-.2801	.4146

STATION 4

X/C	CPU	CPL
.010	-2.1881	.4557
.025	-2.1842	.5865
.050	-2.2101	.5602
.100	-2.1177	.5560
.200	-.7651	.5574
.400	-.6898	.3817
.600	-.5814	.3701
.800	-.3295	.3565
.900	-.2396	.3617
.925	-.2226	.3989

STATION 5

X/C	CPU	CPL
.025	-1.5665	.3950
.050	-1.5513	
.075	-1.5113	.4452
.150	-1.4649	.4523
.300	-1.3249	.3956
.450	-1.0512	.3034
.600	-.9120	.2993
.750	-.7533	.2951
.800	-.6535	.2729
.850	-.5495	.2482

STATION 6

X/C	CPU	CPL
.025	-1.2401	
.050	-1.2567	.3784
.100	-1.2409	
.200	-1.1975	.1015
.300	-1.0712	.0606
.400	-1.0338	.0024
.500	-1.1044	
.600	-1.2483	.0079
.700	-1.3978	.0193
.800	-1.4434	.0166

TABLE VII.- Continued

(k) $\alpha = 16.44^{o}$

STATION 1

X/C	CPU	CPL
.005	-.6989	.2797
.010	-.7444	.2692
.025	-.7781	.2530
.050	-.8044	.2766
.100	-.8551	.2880
.200	-.8275	.3197
.300	-.7592	.3333
.400	-.6659	.3153
.500	-.5536	.2962
.600	-.4656	.3003
.700	-.4486	.3134
.800	-.3631	-.0035
.900	-.2575	.2869
.950	-.2668	.3415
.970	-.1672	

STATION 2

X/C	CPU	CPL
.005	-2.7756	.1420
.010	-2.8843	.4590
.025	-3.1934	.5243
.050	-.6475	.5061
.100	-.7324	.4676
.200	-.6740	.1366
.300	-.7027	.3821
.400	-.6336	.3527
.500	-.5243	.3540
.600	-.4970	.3709
.700		
.800	-.2680	.3564
.900	-.1831	.3638
.925	-.1772	.4039
.950	-.1294	.3931

STATION 3

X/C	CPU	CPL
.010	-2.4466	.4772
.025	-2.4494	.5793
.050	-2.5124	.5823
.100	-2.9107	.5234
.200	-.5184	.4573
.400	-.6295	.4078
.600	-.5075	.3817
.800	-.2827	.3661
.900	-.2230	.3656
.925	-.2274	.4178

STATION 4

X/C	CPU	CPL
.010	-2.0208	.3967
.025	-2.0298	.5857
.050	-2.0652	.5808
.100	-2.1392	.5808
.200	-2.1149	.5727
.400	-.6243	.4939
.600	-.5535	.3753
.800	-.3810	.3444
.900	-.3272	.3589
.925	-.3638	.3998

STATION 5

X/C	CPU	CPL
.025	-1.4497	.4318
.050	-1.4374	
.075	-1.4321	.3164
.150	-1.3642	.4078
.300	-1.2649	.3995
.450	-1.1889	.3191
.600	-1.1200	.3080
.750	-.9831	.2850
.800	-.9196	.2660
.850	-.8263	.1989

STATION 6

X/C	CPU	CPL
.025	-1.1511	
.050	-1.1632	.3814
.100	-1.1561	
.200	-1.1386	.1036
.300	-1.0850	.1067
.400	-1.0534	.0564
.500	-1.0673	
.600	-1.0904	.0460
.700	-1.0615	.0557
.800	-.9510	.0429

(l) $\alpha = 18.52^{o}$

STATION 1

X/C	CPU	CPL
.005	-.8422	.3123
.010	-.8625	.2981
.025	-.9227	.2872
.050	-.9513	.3037
.100	-1.0276	.3323
.200	-1.0004	.3706
.300	-.8808	.3642
.400	-.7599	.3518
.500	-.6396	.3216
.600	-.5508	.3253
.700	-.5140	.3352
.800	-.4026	-.0099
.900	-.2900	.3003
.950	-.2839	.3489
.970	-.2022	

STATION 2

X/C	CPU	CPL
.005	-2.8810	.0270
.010	-2.9228	.4036
.025	-3.7477	.5342
.050	-2.7613	.5289
.100	-.6611	.5026
.200	-.6984	.1648
.300	-.7090	.4232
.400	-.6840	.3882
.500	-.5926	.3755
.600	-.5431	.3855
.700		
.800	-.3164	.3591
.900	-.2187	.3605
.925	-.1806	.3950
.950	-.1367	.3833

STATION 3

X/C	CPU	CPL
.010	-2.4550	.4396
.025	-2.4977	.5804
.050	-2.6147	.6000
.100	-3.4540	.5601
.200	-.6840	.4958
.400	-.6238	.4239
.600	-.5629	.3971
.800	-.3537	.3597
.900	-.2674	.3663
.925	-.2729	.4095

STATION 4

X/C	CPU	CPL
.010	-2.0018	.3271
.025	-2.0046	.5773
.050	-2.0465	.6059
.100	-2.0858	.6059
.200	-2.2162	.6020
.400	-1.2113	.4134
.600	-.7148	.3865
.800	-.4829	.3696
.900	-.4168	.3443
.925	-.4829	.3706

STATION 5

X/C	CPU	CPL
.025	-1.2922	.3692
.050	-1.2748	
.075	-1.2785	.5479
.150	-1.2577	.4739
.300	-1.1603	.4105
.450	-1.1450	.3278
.600	-1.1259	.3122
.750	-1.0358	.2753
.800	-.9923	.2380
.850	-.9217	.1839

STATION 6

X/C	CPU	CPL
.025	-1.0612	
.050	-1.0866	.4266
.100	-1.0695	
.200	-1.0573	.1744
.300	-1.0073	.1234
.400	-.9856	.0728
.500	-.9621	
.600	-.9506	.0700
.700	-.9200	.0617
.800	-.8785	.0424

TABLE VII. - Concluded

(m) $\alpha = 20.60^{o}$

STATION 1

X/C	CPU	CPL
.005	-.9586	.3566
.010	-1.0022	.3479
.025	-1.0697	.3228
.050	-1.0931	.3446
.100	-1.1731	.3755
.200	-1.1212	.4122
.300	-.9756	.4155
.400	-.8458	.3900
.500	-.6969	.3425
.600	-.5912	.3662
.700	-.5292	.3729
.800	-.4337	.0099
.900	-.3141	.3250
.950	-.2880	.3762
.970	-.1941	

STATION 2

X/C	CPU	CPL
.005	-3.0991	-.0762
.010	-3.1488	.3631
.025	-3.7095	.5365
.050	-4.3858	.5607
.100	-.6991	.5342
.200	-.7286	.1716
.300	-.7569	.4535
.400	-.7420	.4214
.500	-.6539	.3955
.600	-.5917	.4054
.700		
.800	-.3706	.3737
.900	-.2618	.3628
.925	-.2478	.3943
.950	-.2121	.3918

STATION 3

X/C	CPU	CPL
.010	-2.6108	.3953
.025	-2.6628	.5788
.050	-2.7444	.6186
.100	-3.5323	.6035
.200	-1.1705	.5304
.400	-.6871	.4474
.600	-.5847	.4142
.800	-.3838	.3674
.900	-.2969	.3547
.925	-.3229	.3960

STATION 4

X/C	CPU	CPL
.010	-1.8444	.2936
.025	-1.8665	.5999
.050	-1.8934	.6223
.100	-1.9703	.6248
.200	-2.1054	.6267
.400	-1.4481	.4852
.600	-.9227	.4226
.800	-.5864	.3700
.900	-.5179	.3363
.925	-.5248	.3526

STATION 5

X/C	CPU	CPL
.025	-1.2444	.3745
.050	-1.2339	
.075	-1.2030	.5268
.150	-1.2010	.5081
.300	-1.1157	.4367
.450	-1.1314	.3323
.600	-1.0901	.3243
.750	-1.0195	.2893
.800	-1.0047	.2495
.850	-.9333	.1940

STATION 6

X/C	CPU	CPL
.025	-.9827	
.050	-1.0078	.4407
.100	-1.0071	
.200	-.9763	.1905
.300	-.9457	.1356
.400	-.9134	.0770
.500	-.8864	
.600	-.8581	.0694
.700	-.8265	.0676
.800	-.8035	.0465

TABLE VIII.- PRESSURE COEFFICIENTS AT A MACH NUMBER OF 0.40 FOR THE MODEL WITH STRAKE ON. $C_{L,d} = 0.70$

(a) $\alpha = -3.94^{o}$

STATION 1

X/C	CPU	CPL
.005	.3166	-.1078
.010	.3009	-.1459
.025	.2421	-.1997
.050	.1890	-.1576
.100	.1286	-.2066
.200	.0210	-.1116
.300	-.1051	-.0305
.400	-.1516	.0072
.500	-.1595	.0303
.600	-.1964	.0957
.700	-.2342	.1528
.800	-.2035	-.0540
.900	-.1673	.2229
.950	-.2154	.2884
.970	-.1340	

STATION 2

X/C	CPU	CPL
.005	.4039	-.8973
.010	.5191	-1.0391
.025	.4956	-1.0794
.050	.3984	-1.2065
.100	.2221	-1.7874
.200	.0263	-.1660
.300	-.1514	-.0191
.400	-.2006	.0118
.500	-.2103	.0341
.600	-.2896	.0476
.700		
.800	-.2202	.1134
.900	-.2323	.2680
.925	-.2853	.3312
.950	-.2707	.3533

STATION 3

X/C	CPU	CPL
.010	.5262	-.7500
.025	.4976	-.7457
.050	.4071	-.7712
.100	.2510	-.8216
.200	.0173	-1.5934
.400	-.2256	.0777
.600	-.3089	.2237
.800	-.2448	.2053
.900	-.2491	.2625
.925	-.3083	.2931

STATION 4

X/C	CPU	CPL
.010	.5251	-.5266
.025	.4832	-.5305
.050	.4079	-.5277
.100	.2629	-.5307
.200	.0100	-.5265
.400	-.2352	-.9393
.600	-.3353	-.1694
.800	-.2619	.2888
.900	-.2596	.3474
.925	-.3213	.4017

STATION 5

X/C	CPU	CPL
.025	.4750	.2533
.050	.3884	
.075	.3153	-.1857
.150	.1779	-.2122
.300	-.1525	-.2515
.450	-.2584	-.2242
.600	-.3860	-.3421
.750	-.4154	-.4402
.800	-.3563	-.4399
.850	-.3229	-.3594

STATION 6

X/C	CPU	CPL
.025	.4644	
.050	.3704	-.0948
.100	.2397	
.200	.0685	-.0667
.300	-.1025	-.0712
.400	-.1738	-.0817
.500	-.2258	
.600	-.2996	-.0970
.700	-.3553	-.1146
.800	-.3751	-.1531

(b) $\alpha = -1.95^{o}$

STATION 1

X/C	CPU	CPL
.005	.2756	-.0479
.010	.2654	-.0695
.025	.2092	-.1098
.050	.1503	-.1089
.100	.0754	-.1324
.200	-.0389	-.0600
.300	-.1617	.0025
.400	-.1963	.0112
.500	-.1975	.0290
.600	-.2308	.0915
.700	-.2522	.1529
.800	-.2142	-.0461
.900	-.1626	.2170
.950	-.2096	.2737
.970	-.1288	

STATION 2

X/C	CPU	CPL
.005	.4948	-.7356
.010	.5225	-.8563
.025	.4196	-.8496
.050	.3100	-.9775
.100	.1423	-1.5214
.200	-.0544	-.0513
.300	-.2288	.1001
.400	-.2627	.0859
.500	-.2540	.0867
.600	-.3192	.1620
.700		
.800	-.2311	.1916
.900	-.2365	.2499
.925	-.2826	.3046
.950	-.2609	.3284

STATION 3

X/C	CPU	CPL
.010	.5252	-.6209
.025	.4307	-.6221
.050	.3236	-.6247
.100	.1694	-.6925
.200	-.0631	-1.2404
.400	-.2894	.2194
.600	-.3485	.2440
.800	-.2558	.2735
.900	-.2407	.3311
.925	-.2945	.3797

STATION 4

X/C	CPU	CPL
.010	.5186	-.4336
.025	.4141	-.4353
.050	.3284	-.4352
.100	.1882	-.4362
.200	-.0750	-.4986
.400	-.3039	-.5190
.600	-.3830	.1120
.800	-.2775	.3406
.900	-.2623	.3868
.925	-.3208	.4385

STATION 5

X/C	CPU	CPL
.025	.4243	.3015
.050	.3168	
.075	.2337	-.2048
.150	.1020	-.2310
.300	-.2329	-.2408
.450	-.3205	-.3687
.600	-.4207	-.3713
.750	-.4149	-.2864
.800	-.3390	-.2449
.850	-.2860	-.1466

STATION 6

X/C	CPU	CPL
.025	.4311	
.050	.3246	-.0802
.100	.1777	
.200	.0073	-.0718
.300	-.1565	-.0823
.400	-.2181	-.0840
.500	-.2613	
.600	-.3309	-.1267
.700	-.4040	-.2078
.800	-.4394	-.2991

TABLE VIII.- Continued

(c) $\alpha = 0.05^{\circ}$

STATION 1

X/C	CPU	CPL
.005	.2463	.0195
.010	.2343	.0012
.025	.1695	-.0411
.050	.1096	-.0245
.100	.0085	-.0351
.200	-.1158	.0016
.300	-.2278	.0267
.400	-.2531	.0336
.500	-.2439	.0438
.600	-.2620	.1055
.700	-.2780	.1560
.800	-.2300	-.0336
.900	-.1751	.2138
.950	-.1986	.2537
.970	-.1188	

STATION 2

X/C	CPU	CPL
.005	.5185	-.5795
.010	.4550	-.6939
.025	.3143	-.7170
.050	.1811	-.7687
.100	.0343	-.7899
.200	-.1446	.0062
.300	-.3211	.1233
.400	-.3272	.1170
.500	-.3048	.1140
.600	-.3645	.1808
.700		
.800	-.2468	.2414
.900	-.2386	.2916
.925	-.2804	.3369
.950	-.2555	.3514

STATION 3

X/C	CPU	CPL
.010	.4702	-.4902
.025	.3089	-.4945
.050	.2122	-.5010
.100	.0415	-.5574
.200	-.1721	-.5457
.400	-.3539	.2262
.600	-.3893	.2344
.800	-.2694	.2679
.900	-.2484	.3237
.925	-.2982	.3746

STATION 4

X/C	CPU	CPL
.010	.4716	-.3517
.025	.2568	-.3505
.050	.2114	-.3561
.100	.0696	-.3556
.200	-.1844	-.4361
.400	-.3731	-.1501
.600	-.4324	.2333
.800	-.3006	.3060
.900	-.2802	.3541
.925	-.3310	.4069

STATION 5

X/C	CPU	CPL
.025	.3355	.2917
.050	.2100	
.075	.1237	-.1662
.150	.0074	-.1977
.300	-.3400	-.2212
.450	-.3897	-.2420
.600	-.4675	-.2024
.750	-.4256	-.0197
.800	-.3429	.0331
.850	-.2851	.1442

STATION 6

X/C	CPU	CPL
.025	.3689	
.050	.2416	-.0791
.100	.0926	
.200	-.0603	-.0773
.300	-.2277	-.0791
.400	-.2750	-.0935
.500	-.2969	
.600	-.3618	-.1532
.700	-.4138	-.1973
.800	-.4049	-.2045

(d) $\alpha = 2.09^{\circ}$

STATION 1

X/C	CPU	CPL
.005	.2582	.0651
.010	.2387	.0504
.025	.1548	.0121
.050	.0737	.0222
.100	-.0408	.0243
.200	-.1776	.0537
.300	-.2823	.0747
.400	-.3010	.0702
.500	-.2864	.0788
.600	-.2941	.1289
.700	-.2971	.1744
.800	-.2371	-.0295
.900	-.1745	.2214
.950	-.1987	.2650
.970	-.1167	

STATION 2

X/C	CPU	CPL
.005	.4551	-.4101
.010	.3282	-.4849
.025	.1362	-.5191
.050	.0361	-.5034
.100	-.0973	-.1081
.200	-.2596	-.0099
.300	-.3975	.1162
.400	-.3937	.1280
.500	-.3504	.1354
.600	-.4017	.1943
.700		
.800	-.2606	.2402
.900	-.2328	.2872
.925	-.2623	.3294
.950	-.2342	.3453

STATION 3

X/C	CPU	CPL
.010	.3478	-.3648
.025	.1729	-.3658
.050	.0408	-.3772
.100	-.0957	-.3993
.200	-.2833	.0973
.400	-.4308	.1664
.600	-.4339	.2234
.800	-.2894	.2614
.900	-.2568	.3054
.925	-.2993	.3518

STATION 4

X/C	CPU	CPL
.010	.3576	-.2770
.025	.1575	-.2844
.050	.0589	-.2843
.100	-.0546	-.2872
.200	-.3042	-.2808
.400	-.4515	.2213
.600	-.4786	.2400
.800	-.3292	.2519
.900	-.2955	.2758
.925	-.3460	.3053

STATION 5

X/C	CPU	CPL
.025	.1841	.3120
.050	.0687	
.075	-.0056	-.1150
.150	-.1047	-.1667
.300	-.4477	-.1780
.450	-.4717	-.0054
.600	-.5269	.1072
.750	-.4771	.3306
.800	-.3878	.3119
.850	-.3314	.2934

STATION 6

X/C	CPU	CPL
.025	.2663	
.050	.1212	-.0693
.100	-.0045	
.200	-.1545	-.1087
.300	-.3182	-.1369
.400	-.3720	-.1552
.500	-.4098	
.600	-.4828	-.0739
.700	-.5363	-.0201
.800	-.4942	.1328

TABLE VIII.- Continued

(e) $\alpha = 4.16^{o}$

STATION 1

X/C	CPU	CPL
.005	.2148	.1028
.010	.2152	.0865
.025	.1544	.0488
.050	.0813	.0682
.100	-.0488	.0745
.200	-.2050	.1007
.300	-.3238	.1166
.400	-.3441	.1121
.500	-.3153	.1137
.600	-.3203	.1569
.700	-.3196	.1987
.800	-.2606	-.0186
.900	-.1900	.2354
.950	-.2329	.2865
.970	-.1379	

STATION 2

X/C	CPU	CPL
.005	.2940	-.3640
.010	.1091	-.4124
.025	-.0489	-.0847
.050	-.1349	.0323
.100	-.2232	.0873
.200	-.3535	.0102
.300	-.4801	.1480
.400	-.4380	.1554
.500	-.3968	.1621
.600	-.4212	.2189
.700		
.800	-.2606	.2568
.900	-.2166	.2951
.925	-.2259	.3429
.950	-.1849	.3624

STATION 3

X/C	CPU	CPL
.010	.1238	-.3266
.025	-.0570	-.2584
.050	-.1373	.0515
.100	-.2192	.0954
.200	-.4061	.1567
.400	-.5033	.1884
.600	-.4734	.2395
.800	-.2969	.2713
.900	-.2535	.3109
.925	-.2835	.3460

STATION 4

X/C	CPU	CPL
.010	.1615	-.2065
.025	-.0502	-.2350
.050	-.1408	-.1917
.100	-.2181	.0389
.200	-.4360	.1283
.400	-.5388	.1949
.600	-.5232	.1917
.800	-.3434	.2556
.900	-.2989	.2824
.925	-.3397	.3504

STATION 5

X/C	CPU	CPL
.025	-.0043	.3465
.050	-.1135	
.075	-.1746	-.1046
.150	-.2521	-.0095
.300	-.5612	.1749
.450	-.5541	.2123
.600	-.5866	.2390
.750	-.5243	.2781
.800	-.4276	.2721
.850	-.3702	.2454

STATION 6

X/C	CPU	CPL
.025	.1115	
.050	-.0416	-.1606
.100	-.1447	
.200	-.2637	.0075
.300	-.4249	.0691
.400	-.4577	.1158
.500	-.4827	
.600	-.5696	.1517
.700	-.6394	.1331
.800	-.6073	.1674

(f) $\alpha = 6.31^{o}$

STATION 1

X/C	CPU	CPL
.005	.0107	.1379
.010	.0058	.1229
.025	-.0012	.0792
.050	-.0187	.1058
.100	-.1053	.1134
.200	-.2392	.1507
.300	-.3529	.1614
.400	-.3772	.1514
.500	-.3514	.1485
.600	-.3537	.1801
.700	-.3520	.2179
.800	-.2880	-.0151
.900	-.2082	.2513
.950	-.2665	.2993
.970	-.1687	

STATION 2

X/C	CPU	CPL
.005	-.0601	.0813
.010	-.2203	.0892
.025	-.3107	.1429
.050	-.3550	.1600
.100	-.3612	.1848
.200	-.4661	.0431
.300	-.5526	.1958
.400	-.5115	.1933
.500	-.4303	.1820
.600	-.4430	.2363
.700		
.800	-.2616	.2608
.900	-.2078	.3022
.925	-.2092	.3463
.950	-.1667	.3564

STATION 3

X/C	CPU	CPL
.010	-.2669	.1224
.025	-.3618	.1500
.050	-.3895	.1952
.100	-.3976	.1919
.200	-.5345	.2172
.400	-.5737	.2202
.600	-.5036	.2530
.800	-.3079	.2750
.900	-.2436	.3137
.925	-.2587	.3547

STATION 4

X/C	CPU	CPL
.010	-.2133	.1156
.025	-.3868	.1463
.050	-.4168	.2165
.100	-.3880	.2104
.200	-.5974	.2188
.400	-.6273	.2308
.600	-.5698	.2584
.800	-.3583	.2649
.900	-.3020	.2978
.925	-.3329	.3469

STATION 5

X/C	CPU	CPL
.025	-.3702	.3468
.050	-.3933	
.075	-.4156	.1564
.150	-.4217	.1556
.300	-.7011	.1624
.450	-.6506	.1732
.600	-.6600	.1766
.750	-.5785	.2362
.800	-.4806	.2384
.850	-.4163	.2405

STATION 6

X/C	CPU	CPL
.025	-.2074	
.050	-.2878	.0286
.100	-.3259	
.200	-.3719	.1011
.300	-.5437	.1101
.400	-.5663	.0914
.500	-.6127	
.600	-.6816	.0889
.700	-.7997	.0952
.800	-.7925	.0889

TABLE VIII.- Continued

(g) $\alpha = 8.46^{o}$

STATION 1

X/C	CPU	CPL
.005	-.1795	.1635
.010	-.1763	.1489
.025	-.2372	.1088
.050	-.2272	.1372
.100	-.2680	.1521
.200	-.3413	.1958
.300	-.4119	.2005
.400	-.4244	.1887
.500	-.3898	.1726
.600	-.3801	.2075
.700	-.3790	.2372
.800	-.3152	-.0202
.900	-.2306	.2571
.950	-.2886	.3170
.970	-.1910	

STATION 2

X/C	CPU	CPL
.005	-.4951	.3287
.010	-.6380	.3275
.025	-.6108	.2938
.050	-.5619	.2632
.100	-.5108	.2563
.200	-.5559	.0644
.300	-.6096	.2390
.400	-.5448	.2280
.500	-.4583	.2119
.600	-.4579	.2541
.700		
.800	-.2711	.2796
.900	-.2158	.3089
.925	-.2307	.3572
.950	-.2129	.3670

STATION 3

X/C	CPU	CPL
.010	-.7547	.3825
.025	-.7572	.3206
.050	-.6903	.3150
.100	-.5787	.2745
.200	-.6547	.2759
.400	-.6383	.2567
.600	-.5303	.2806
.800	-.3003	.2919
.900	-.2242	.3238
.925	-.2193	.3609

STATION 4

X/C	CPU	CPL
.010	-.8188	.4376
.025	-.8063	.3621
.050	-.7111	.3315
.100	-.6210	.2474
.200	-.7351	.2677
.400	-.7102	.2709
.600	-.6186	.2736
.800	-.3783	.2793
.900	-.3039	.2985
.925	-.3211	.3554

STATION 5

X/C	CPU	CPL
.025	-.7927	.3541
.050	-.7088	
.075	-.6805	.2385
.150	-.6516	.2529
.300	-.8502	.2526
.450	-.7463	.2442
.600	-.7386	.2472
.750	-.6394	.2621
.800	-.5376	.2537
.850	-.4635	.2354

STATION 6

X/C	CPU	CPL
.025	-.7121	
.050	-.5854	.1858
.100	-.5326	
.200	-.5191	.1039
.300	-.6938	.0972
.400	-.7582	.0638
.500	-.7931	
.600	-.8900	.0583
.700	-1.0022	.0481
.800	-1.0295	.0516

(h) $\alpha = 10.65^{o}$

STATION 1

X/C	CPU	CPL
.005	-.3346	.1965
.010	-.3458	.1830
.025	-.3618	.1425
.050	-.3987	.1710
.100	-.4261	.1879
.200	-.4654	.2275
.300	-.4988	.2307
.400	-.4886	.2180
.500	-.4331	.2030
.600	-.4076	.2304
.700	-.4103	.2535
.800	-.3416	-.0151
.900	-.2472	.2636
.950	-.3146	.3244
.970	-.2159	

STATION 2

X/C	CPU	CPL
.005	-1.1022	.4147
.010	-1.0873	.4458
.025	-.9237	.3982
.050	-.7569	.3521
.100	-.6232	.3179
.200	-.6311	.0967
.300	-.6661	.2786
.400	-.5852	.2616
.500	-.4946	.2528
.600	-.4775	.2873
.700		
.800	-.2783	.3009
.900	-.2170	.3266
.925	-.2548	.3734
.950	-.2474	.3833

STATION 3

X/C	CPU	CPL
.010	-1.4072	.5090
.025	-1.2290	.4420
.050	-.8675	.4011
.100	-.7666	.3444
.200	-.7550	.3228
.400	-.6817	.2863
.600	-.5439	.3032
.800	-.3037	.3016
.900	-.2137	.3265
.925	-.2036	.3670

STATION 4

X/C	CPU	CPL
.010	-1.2663	.5298
.025	-1.2695	.4683
.050	-1.0728	.4172
.100	-.8684	.4152
.200	-.8884	.3301
.400	-.7821	.2952
.600	-.6268	.3015
.800	-.3658	.2955
.900	-.2711	.3295
.925	-.2687	.3694

STATION 5

X/C	CPU	CPL
.025	-1.3368	.3699
.050	-1.1235	
.075	-.9467	.3117
.150	-.8435	.3190
.300	-.9547	.3039
.450	-.8225	.2541
.600	-.8012	.2573
.750	-.6686	.2680
.800	-.5734	.2564
.850	-.4917	.2246

STATION 6

X/C	CPU	CPL
.025	-1.4842	
.050	-1.0079	.2985
.100	-.7324	
.200	-.7217	.0966
.300	-.8578	.0788
.400	-.9315	.0335
.500	-.9692	
.600	-1.0946	.0194
.700	-1.1957	.0212
.800	-1.2450	.0192

TABLE VIII.- Continued

(i) $\alpha = 12.90^{o}$

STATION 1

X/C	CPU	CPL
.005	-.4752	.2299
.010	-.5041	.2164
.025	-.5448	.1867
.050	-.5601	.2145
.100	-.6205	.2266
.200	-.6138	.2643
.300	-.6115	.2760
.400	-.5696	.2540
.500	-.4956	.2340
.600	-.4500	.2558
.700	-.4378	.2796
.800	-.3735	-.0006
.900	-.2583	.2731
.950	-.2798	.3249
.970	-.1724	

STATION 2

X/C	CPU	CPL
.005	-2.0886	.3988
.010	-1.3757	.5023
.025	-1.1698	.4619
.050	-.9358	.4195
.100	-.7642	.3794
.200	-.6951	.1308
.300	-.7050	.3229
.400	-.6256	.2967
.500	-.5340	.2855
.600	-.5072	.3127
.700		
.800	-.2657	.3145
.900	-.2142	.3386
.925	-.2404	.3824
.950	-.2270	.3925

STATION 3

X/C	CPU	CPL
.010	-2.1148	.5326
.025	-1.4992	.4984
.050	-1.2401	.4637
.100	-.9808	.4090
.200	-.8603	.3620
.400	-.7077	.3200
.600	-.5596	.3252
.800	-.3582	.3219
.900	-.2884	.3365
.925	-.3037	.3749

STATION 4

X/C	CPU	CPL
.010	-2.7074	.4720
.025	-2.3181	.5161
.050	-1.7389	.5125
.100	-1.0315	.4092
.200	-.9639	.3807
.400	-.7994	.3334
.600	-.6200	.3235
.800	-.3379	.3092
.900	-.2315	.3172
.925	-.2095	.3554

STATION 5

X/C	CPU	CPL
.025	-1.7410	.3581
.050	-1.7052	
.075	-1.6729	.3167
.150	-1.5964	.3746
.300	-1.0528	.3269
.450	-.8387	.2600
.600	-.8015	.2584
.750	-.6983	.2624
.800	-.6157	.2456
.850	-.5345	.2081

STATION 6

X/C	CPU	CPL
.025	-1.3633	
.050	-1.3734	.3120
.100	-1.3519	
.200	-1.1672	.0951
.300	-.9773	.0477
.400	-1.0659	.0049
.500	-1.1085	
.600	-1.2347	-.0230
.700	-1.3738	-.0162
.800	-1.4666	-.0160

(j) $\alpha = 15.22^{o}$

STATION 1

X/C	CPU	CPL
.005	-.6297	.2610
.010	-.6618	.2502
.025	-.7059	.2149
.050	-.7464	.2422
.100	-.7894	.2567
.200	-.8106	.3025
.300	-.7503	.3175
.400	-.6675	.2881
.500	-.5733	.2725
.600	-.5060	.2812
.700	-.4824	.3007
.800	-.3922	-.0088
.900	-.2828	.2917
.950	-.2856	.3308
.970	-.1962	

STATION 2

X/C	CPU	CPL
.005	-3.1911	.2783
.010	-2.3433	.4965
.025	-1.3938	.4986
.050	-1.0965	.4723
.100	-.8951	.4274
.200	-.8085	.1585
.300	-.7727	.3569
.400	-.6638	.3324
.500	-.5506	.3104
.600	-.5329	.3414
.700		
.800	-.3009	.3300
.900	-.2212	.3514
.925	-.2297	.3869
.950	-.1948	.3944

STATION 3

X/C	CPU	CPL
.010	-2.4908	.5081
.025	-2.5562	.5406
.050	-2.5015	.5265
.100	-1.7357	.4717
.200	-.7508	.4160
.400	-.7042	.3556
.600	-.5614	.3471
.800	-.3508	.3431
.900	-.2910	.3533
.925	-.3139	.3978

STATION 4

X/C	CPU	CPL
.010	-2.0954	.4330
.025	-2.1329	.5621
.050	-2.1577	.5556
.100	-2.1867	.4864
.200	-1.8146	.4238
.400	-.6939	.3587
.600	-.6204	.3419
.800	-.3784	.3248
.900	-.3094	.3413
.925	-.3380	.3665

STATION 5

X/C	CPU	CPL
.025	-1.5742	.3649
.050	-1.5425	
.075	-1.5133	.3469
.150	-1.4881	.4115
.300	-1.3620	.3463
.450	-1.2105	.2755
.600	-1.0687	.2718
.750	-.8903	.2525
.800	-.8321	.2333
.850	-.7236	.1928

STATION 6

X/C	CPU	CPL
.025	-1.2739	
.050	-1.2685	.3149
.100	-1.2620	
.200	-1.2449	.0813
.300	-1.1592	.0222
.400	-1.1001	-.0271
.500	-1.1449	
.600	-1.2826	-.0133
.700	-1.3171	-.0235
.800	-1.2146	-.0220

TABLE VIII.- Continued

(k) $\alpha = 17.42^{o}$

STATION 1

X/C	CPU	CPL
.005	-.7829	.3036
.010	-.8131	.2857
.025	-.8733	.2623
.050	-.8950	.2947
.100	-.9908	.3091
.200	-.9765	.3506
.300	-.8775	.3574
.400	-.7678	.3304
.500	-.6753	.3095
.600	-.5838	.3220
.700	-.5297	.3277
.800	-.4392	.0077
.900	-.3257	.3005
.950	-.3329	.3498
.970	-.2302	

STATION 2

X/C	CPU	CPL
.005	-2.7371	.1628
.010	-2.7774	.4689
.025	-3.2401	.5364
.050	-2.5162	.5158
.100	-.7594	.4798
.200	-.7384	.1832
.300	-.7403	.4019
.400	-.6883	.3656
.500	-.6106	.3391
.600	-.6074	.3467
.700		
.800	-.3626	.3309
.900	-.2478	.3376
.925	-.2254	.3745
.950	-.1732	.3816

STATION 3

X/C	CPU	CPL
.010	-2.3499	.4811
.025	-2.3956	.5562
.050	-2.4301	.5447
.100	-2.9414	.5018
.200	-.5960	.4446
.400	-.6840	.3758
.600	-.6185	.3556
.800	-.4038	.3574
.900	-.3346	.3454
.925	-.3436	.3865

STATION 4

X/C	CPU	CPL
.010	-1.9466	.3902
.025	-1.9561	.5686
.050	-1.9462	.5635
.100	-1.9808	.5619
.200	-2.0255	.4530
.400	-1.2889	.3830
.600	-.7831	.3496
.800	-.5510	.3173
.900	-.4760	.3226
.925	-.5205	.3566

STATION 5

X/C	CPU	CPL
.025	-1.2529	.3803
.050	-1.2333	
.075	-1.2470	.3415
.150	-1.2113	.4248
.300	-1.1326	.3607
.450	-1.0594	.2846
.600	-1.0168	.2723
.750	-.9490	.2409
.800	-.9238	.2109
.850	-.8626	.1534

STATION 6

X/C	CPU	CPL
.025	-1.0880	
.050	-1.0625	.3826
.100	-1.0683	
.200	-1.0564	.1192
.300	-1.0404	.0754
.400	-1.0005	.0306
.500	-.9847	
.600	-.9409	.0286
.700	-.9014	.0163
.800	-.8734	-.0047

(l) $\alpha = 19.61^{o}$

STATION 1

X/C	CPU	CPL
.005	-.9241	.3255
.010	-.9587	.3191
.025	-1.0099	.2953
.050	-1.0450	.3224
.100	-1.1386	.3428
.200	-1.1222	.3850
.300	-1.0169	.3924
.400	-.8799	.3658
.500	-.7486	.3372
.600	-.6455	.3427
.700	-.5846	.3455
.800	-.4865	.0095
.900	-.3527	.3135
.950	-.3526	.3610
.970	-.2484	

STATION 2

X/C	CPU	CPL
.005	-2.7042	.0968
.010	-2.7712	.4310
.025	-3.0454	.5419
.050	-3.6204	.5421
.100	-.6933	.5150
.200	-.7460	.2016
.300	-.7879	.4283
.400	-.7696	.3860
.500	-.7050	.3635
.600	-.6714	.3753
.700		
.800	-.4269	.3388
.900	-.3135	.3316
.925	-.2899	.3693
.950	-.2407	.3708

STATION 3

X/C	CPU	CPL
.010	-2.3192	.4512
.025	-2.3541	.5700
.050	-2.4167	.5821
.100	-3.0980	.5460
.200	-1.5662	.4873
.400	-.7610	.4062
.600	-.6808	.3776
.800	-.4705	.3458
.900	-.3896	.3373
.925	-.4033	.3746

STATION 4

X/C	CPU	CPL
.010	-1.7493	.3730
.025	-1.7677	.5808
.050	-1.7913	.5832
.100	-1.8245	.5793
.200	-1.8871	.4797
.400	-1.4194	.4042
.600	-1.0386	.3636
.800	-.6847	.3226
.900	-.5702	.3094
.925	-.6283	.3453

STATION 5

X/C	CPU	CPL
.025	-1.2098	.3421
.050	-1.2101	
.075	-1.1821	.3594
.150	-1.1775	.4535
.300	-1.1158	.3788
.450	-1.0877	.3066
.600	-1.0326	.2877
.750	-.9968	.2496
.800	-.9701	.2099
.850	-.8869	.1521

STATION 6

X/C'	CPU	CPL
.025	-1.0368	
.050	-1.0541	.3642
.100	-1.0289	
.200	-1.0266	.1463
.300	-.9816	.0921
.400	-.9311	.0497
.500	-.8971	
.600	-.8749	.0333
.700	-.8485	.0261
.800	-.8218	-.0011

TABLE VIII.- Concluded

(m) $\alpha = 21.77^{o}$

STATION 1

X/C	CPU	CPL
.005	-1.0632	.3611
.010	-1.0886	.3459
.025	-1.1664	.3248
.050	-1.2085	.3625
.100	-1.3000	.3822
.200	-1.2717	.4247
.300	-1.1445	.4247
.400	-.9987	.3951
.500	-.8550	.3636
.600	-.7281	.3607
.700	-.6674	.3626
.800	-.5586	.0086
.900	-.4153	.3239
.950	-.3799	.3651
.970	-.2689	

STATION 2

X/C	CPU	CPL
.005	-3.0079	-.0021
.010	-3.0312	.3981
.025	-3.0579	.5501
.050	-3.5501	.5690
.100	-1.3002	.5446
.200	-.8017	.2196
.300	-.9670	.4588
.400	-.9251	.4159
.500	-.8691	.3681
.600	-.8196	.3725
.700		
.800	-.6028	.3191
.900	-.4942	.2934
.925	-.4945	.3301
.950	-.4454	.3238

STATION 3

X/C	CPU	CPL
.010	-2.0299	.4464
.025	-2.0047	.5776
.050	-1.9358	.6029
.100	-2.0440	.5628
.200	-1.9889	.5030
.400	-.9736	.4120
.600	-.8094	.3682
.800	-.6068	.2988
.900	-.5003	.2840
.925	-.5308	.3191

STATION 4

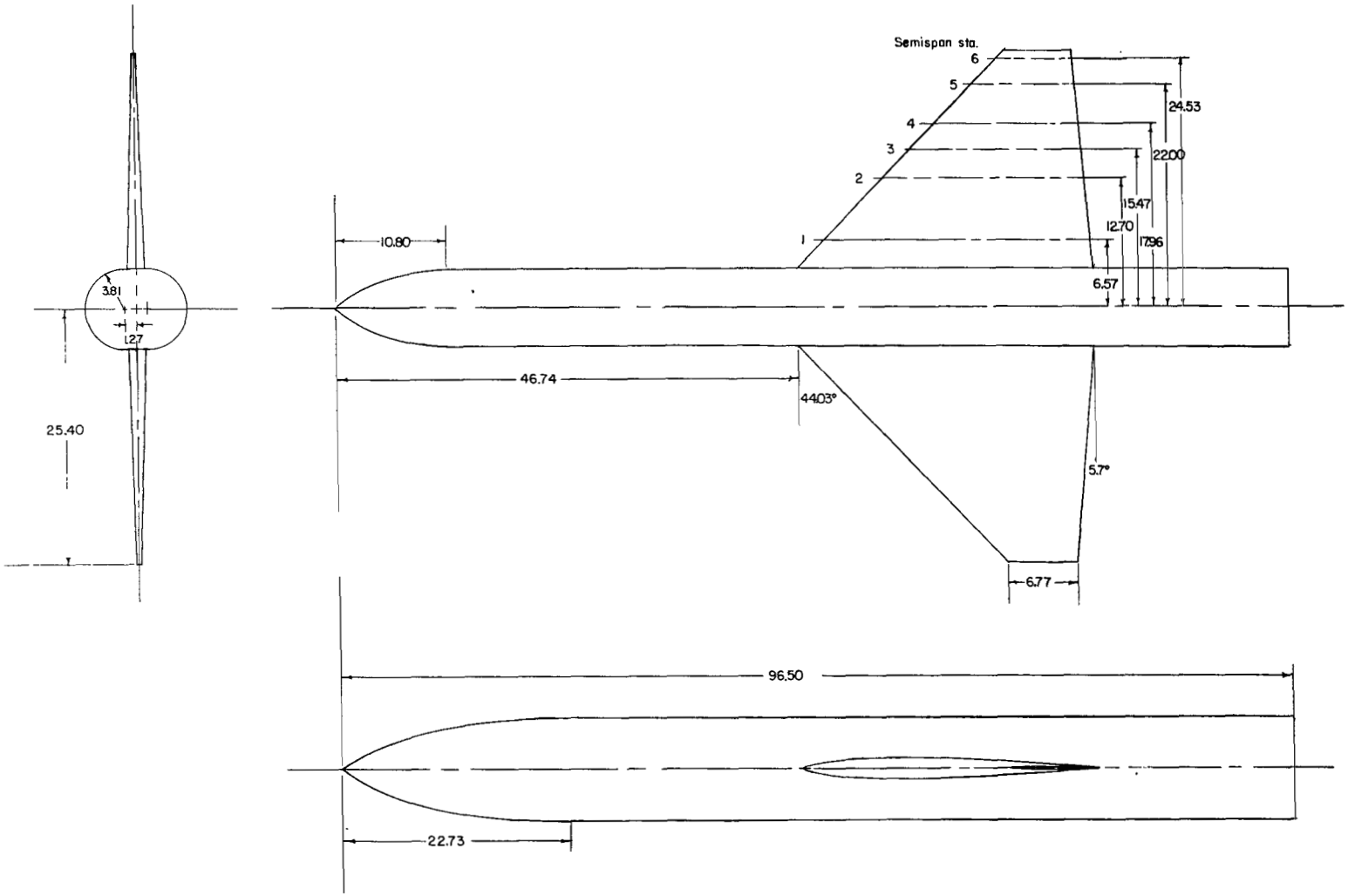
X/C	CPU	CPL
.010	-1.6584	.3582
.025	-1.6604	.5785
.050	-1.6738	.5799
.100	-1.6152	.5793
.200	-1.5387	.5371
.400	-1.2906	.4135
.600	-1.0412	.3515
.800	-.7916	.2894
.900	-.7361	.2508
.925	-.7841	.2863

STATION 5

X/C	CPU	CPL
.025	-1.1574	.2999
.050	-1.1472	
.075	-1.1303	.3600
.150	-1.1218	.4644
.300	-1.0581	.3832
.450	-.9918	.3003
.600	-.9467	.2735
.750	-.8828	.2360
.800	-.8756	.1926
.850	-.8277	.1467

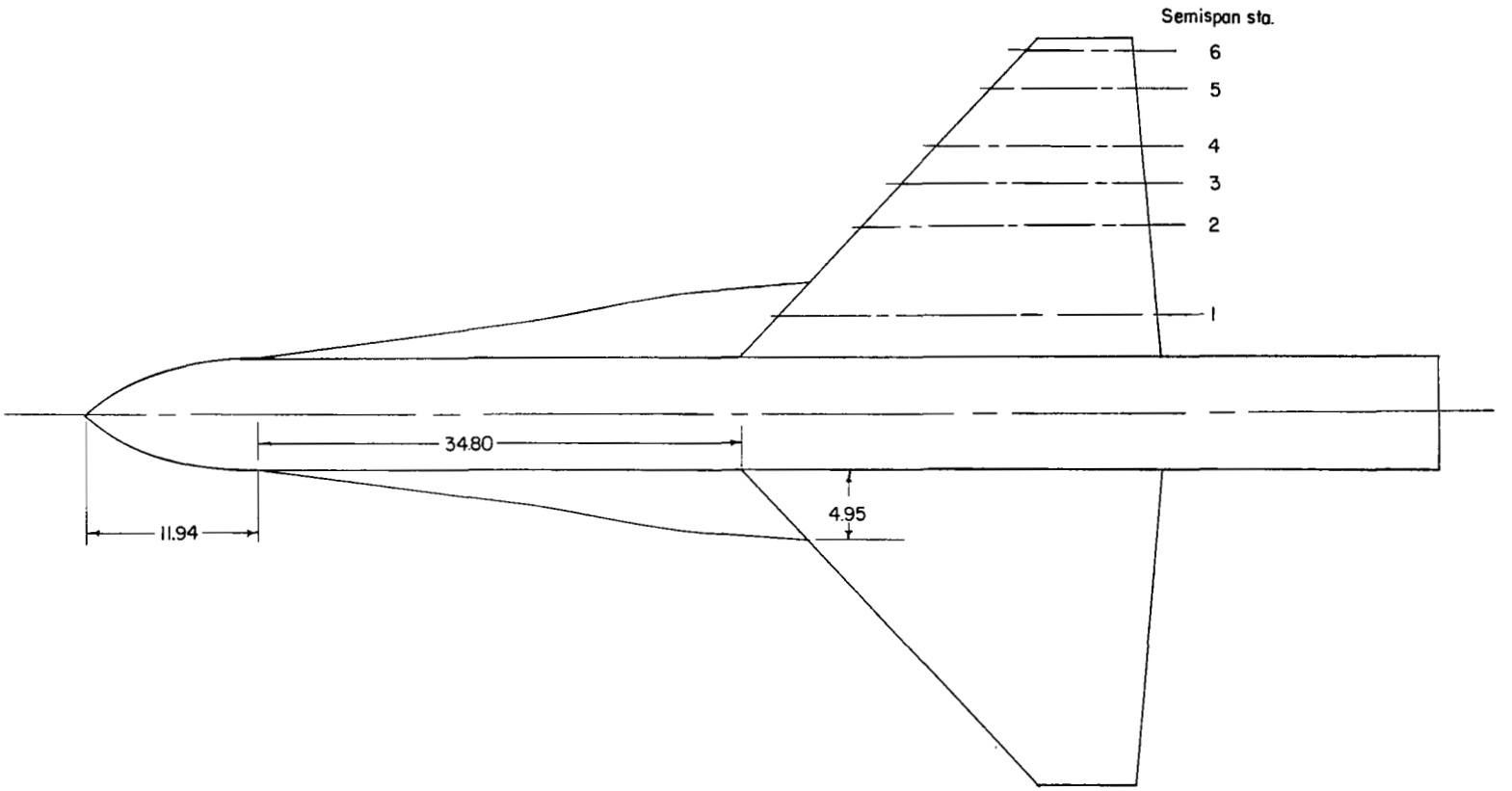
STATION 6

X/C	CPU	CPL
.025	-.9243	
.050	-.9166	.3537
.100	-.9147	
.200	-.9082	.1578
.300	-.8638	.1021
.400	-.8369	.0579
.500	-.8078	
.600	-.7905	.0374
.700	-.7584	.0204
.800	-.7430	-.0016



(a) Model with strake off.

Figure 1.- Drawing of the model. All dimensions are in centimeters.

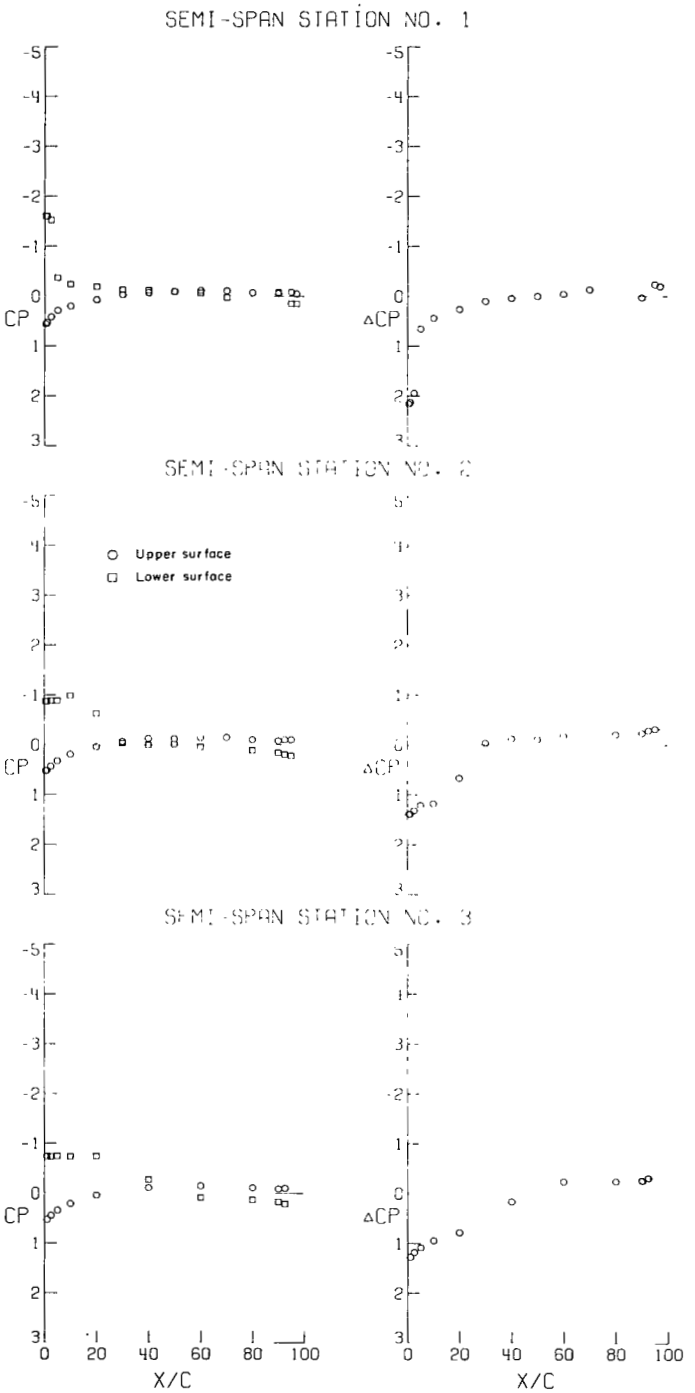


(b) Model with strake on.

Figure 1.- Concluded.

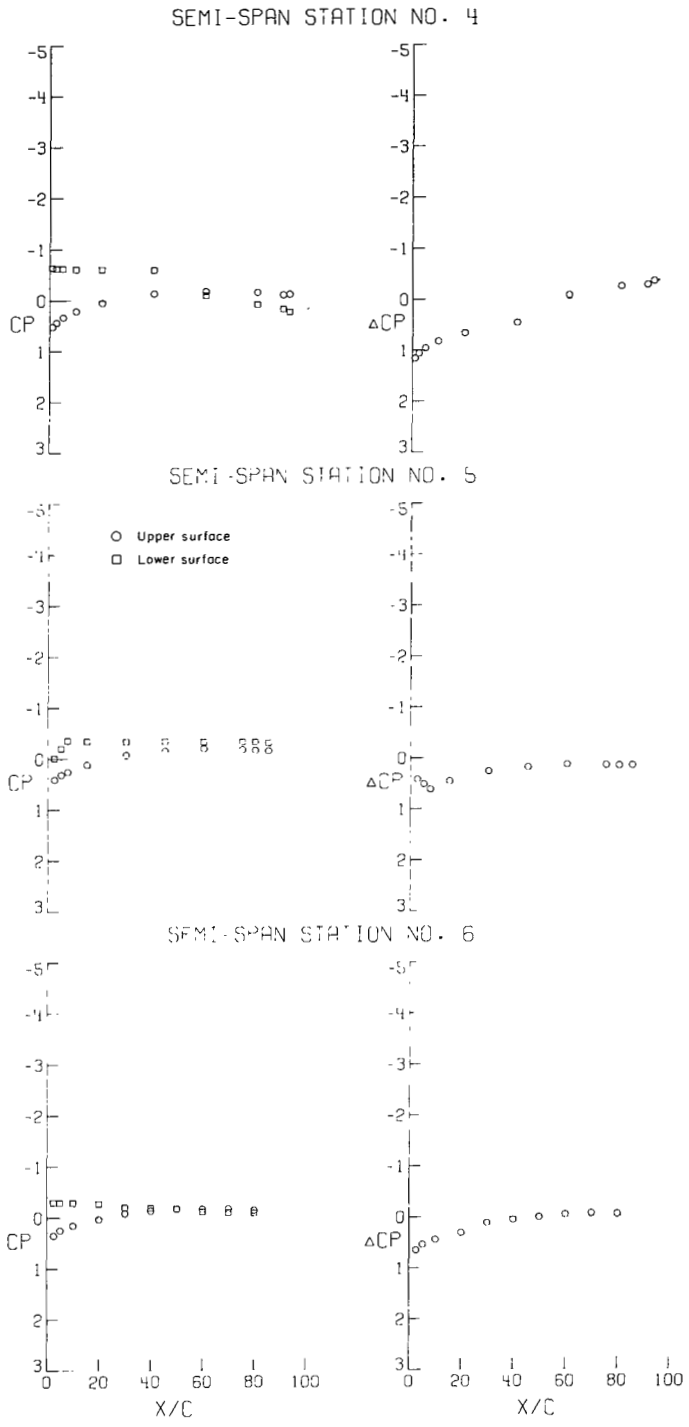
L-71-8385

Figure 2.- Photograph of model in Langley high-speed 7- by 10-foot tunnel.



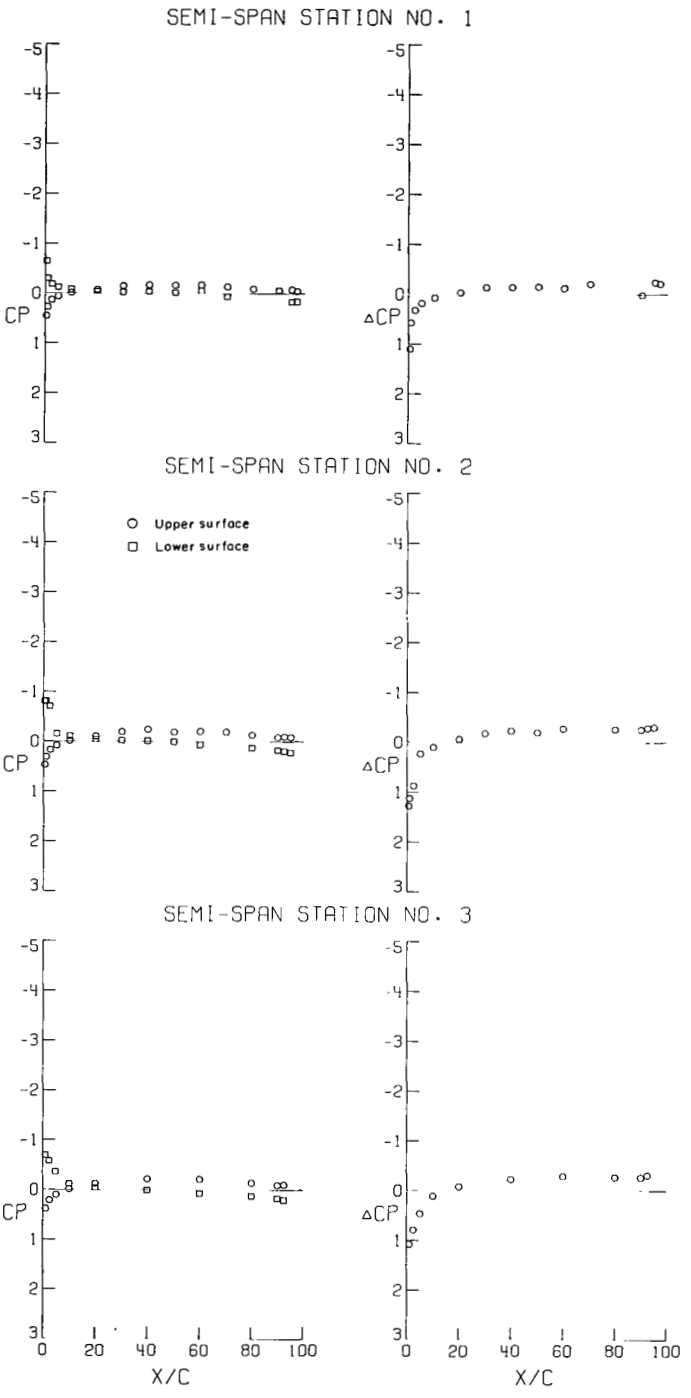
(a) α = -3.90°.

Figure 3.- Pressure distributions at a Mach number of 0.40 for the model with strakes off. $C_{L,d}$ = 0.35.



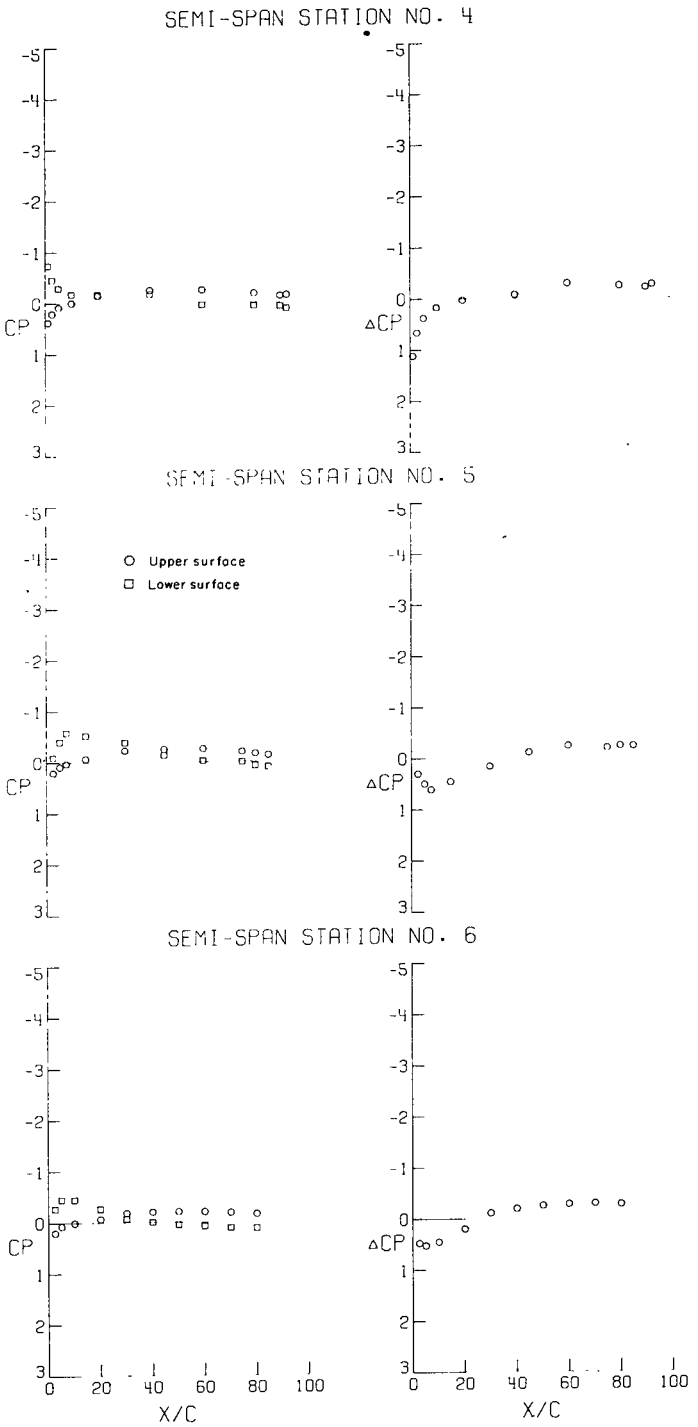
(a) Concluded.

Figure 3.- Continued.



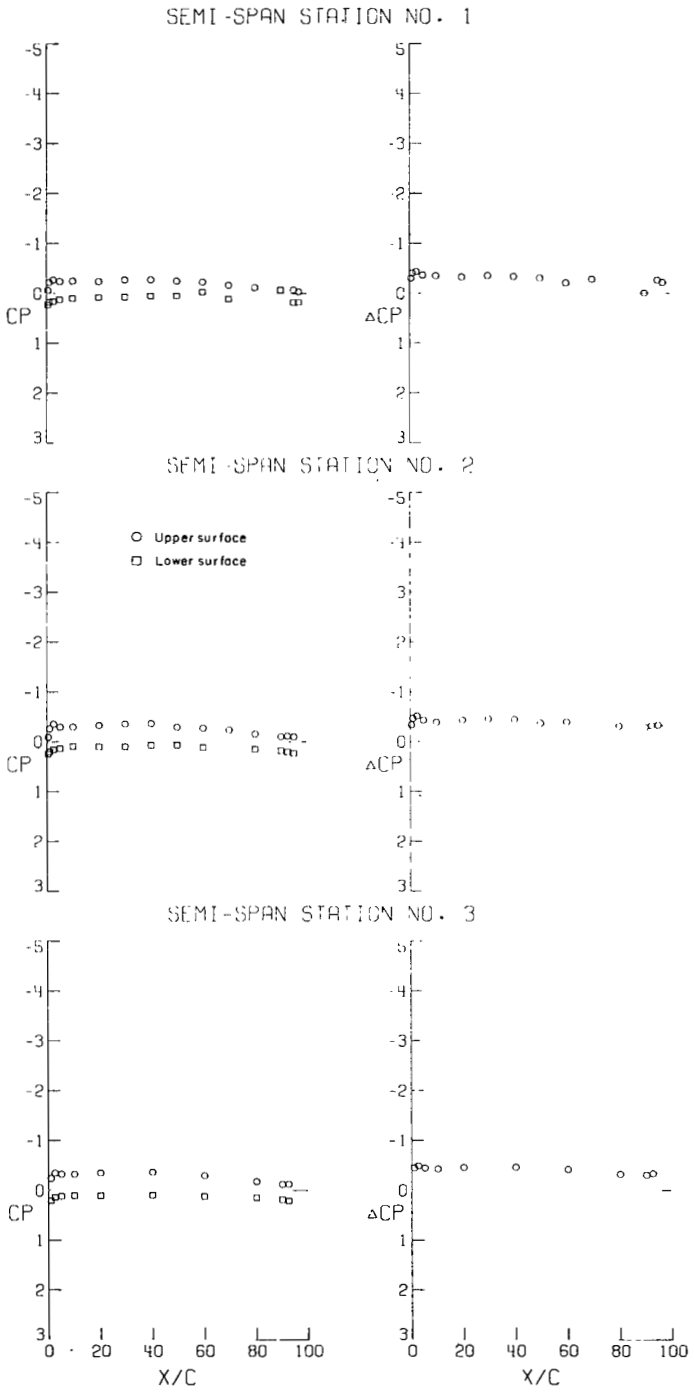
(b) $\alpha = 0.03^{o}$.

Figure 3.- Continued.



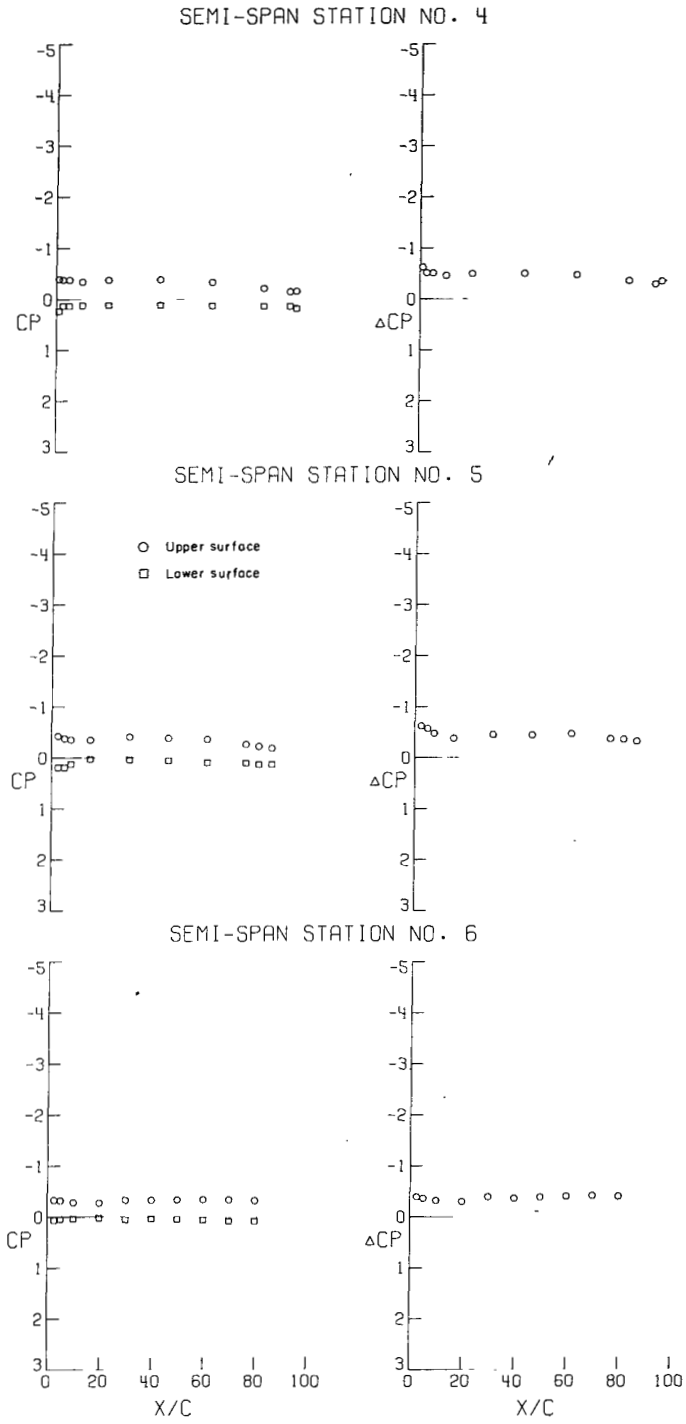
(b) Concluded.

Figure 3.- Continued.



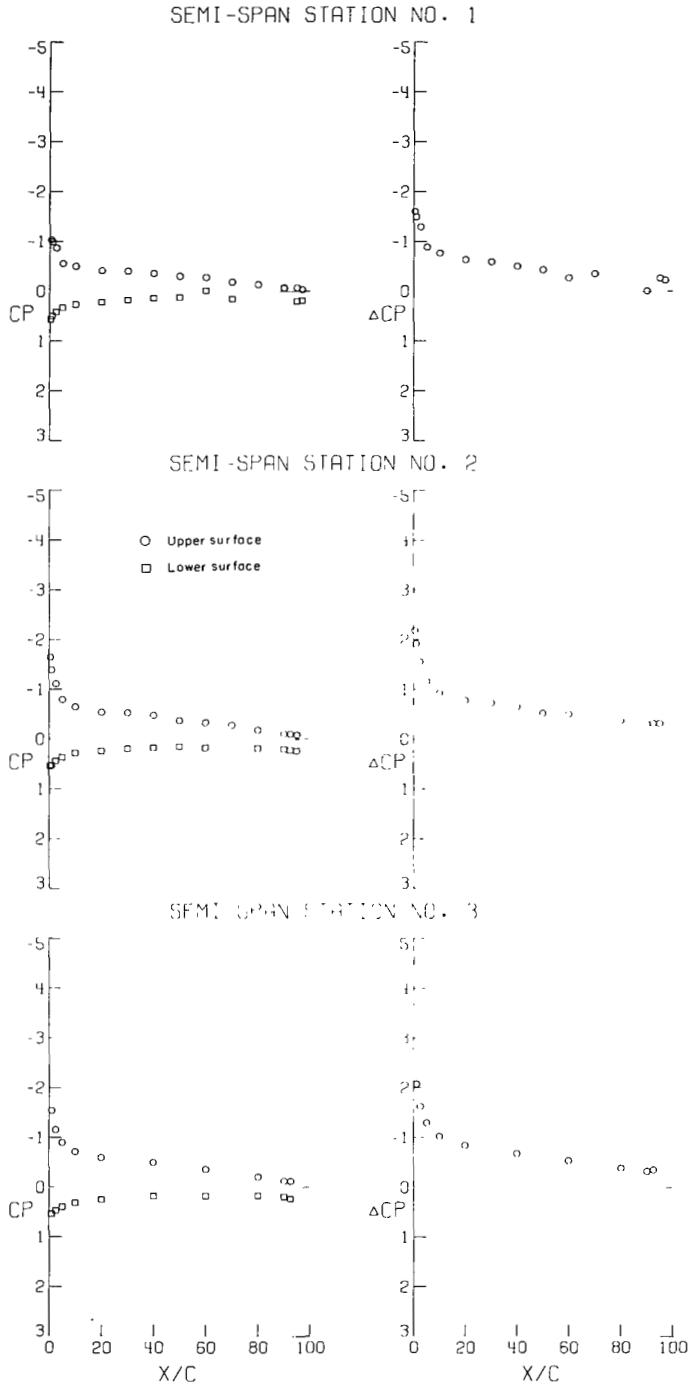
(c) $\alpha = 4.09^{o}$.

Figure 3.- Continued.



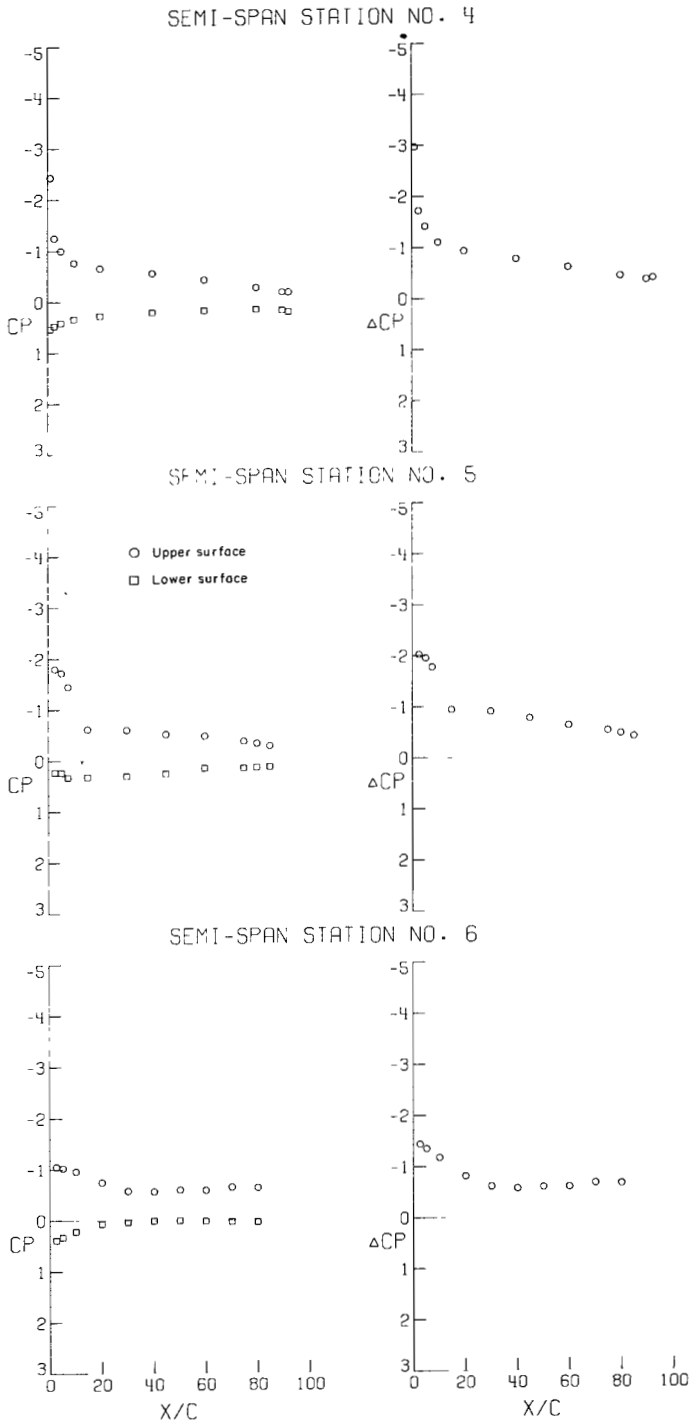
(c) Concluded.

Figure 3.- Continued.



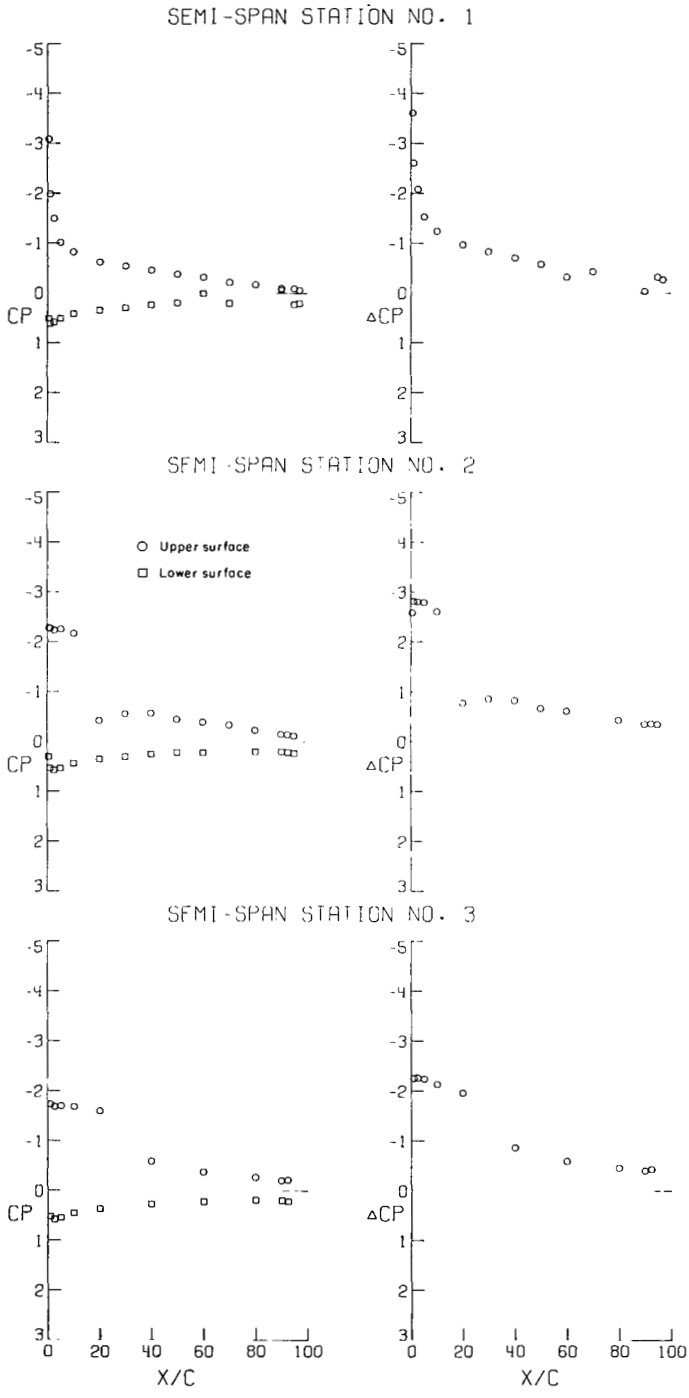
(d) $\alpha = 8.31^{o}$.

Figure 3.- Continued.



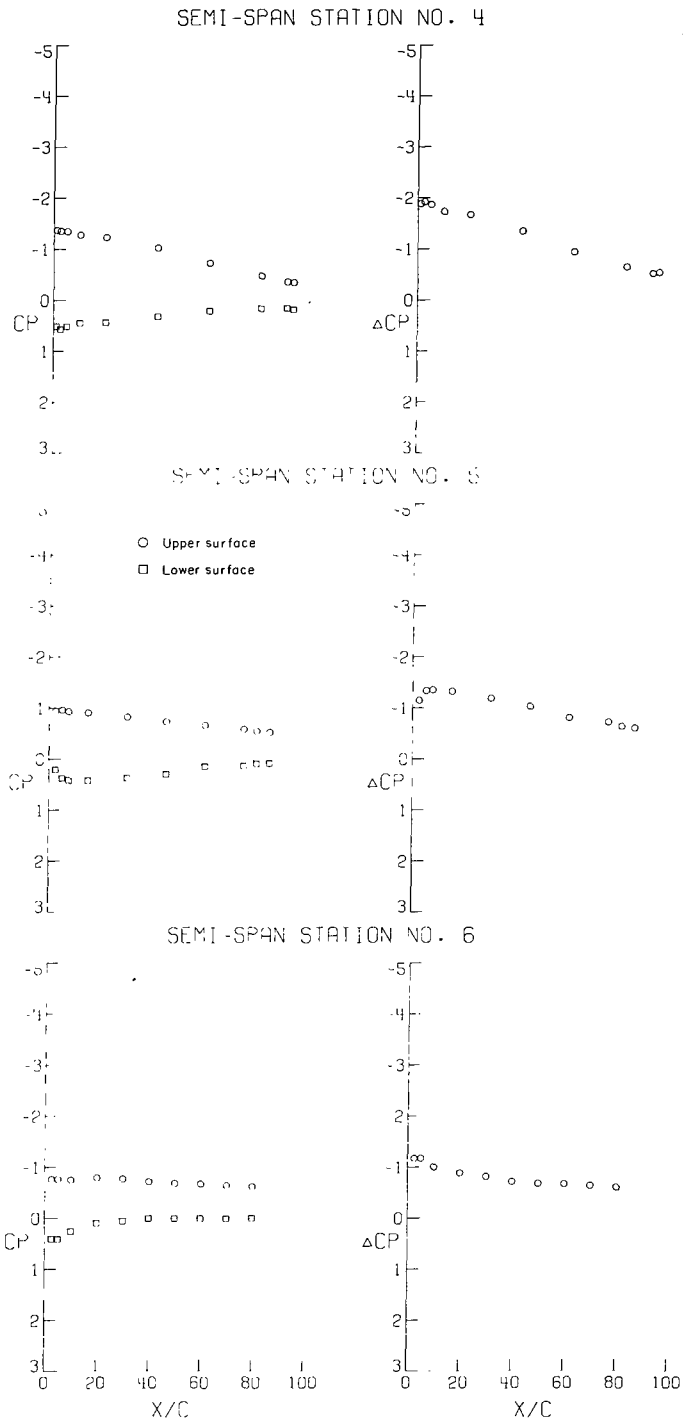
(d) Concluded.

Figure 3.- Continued.



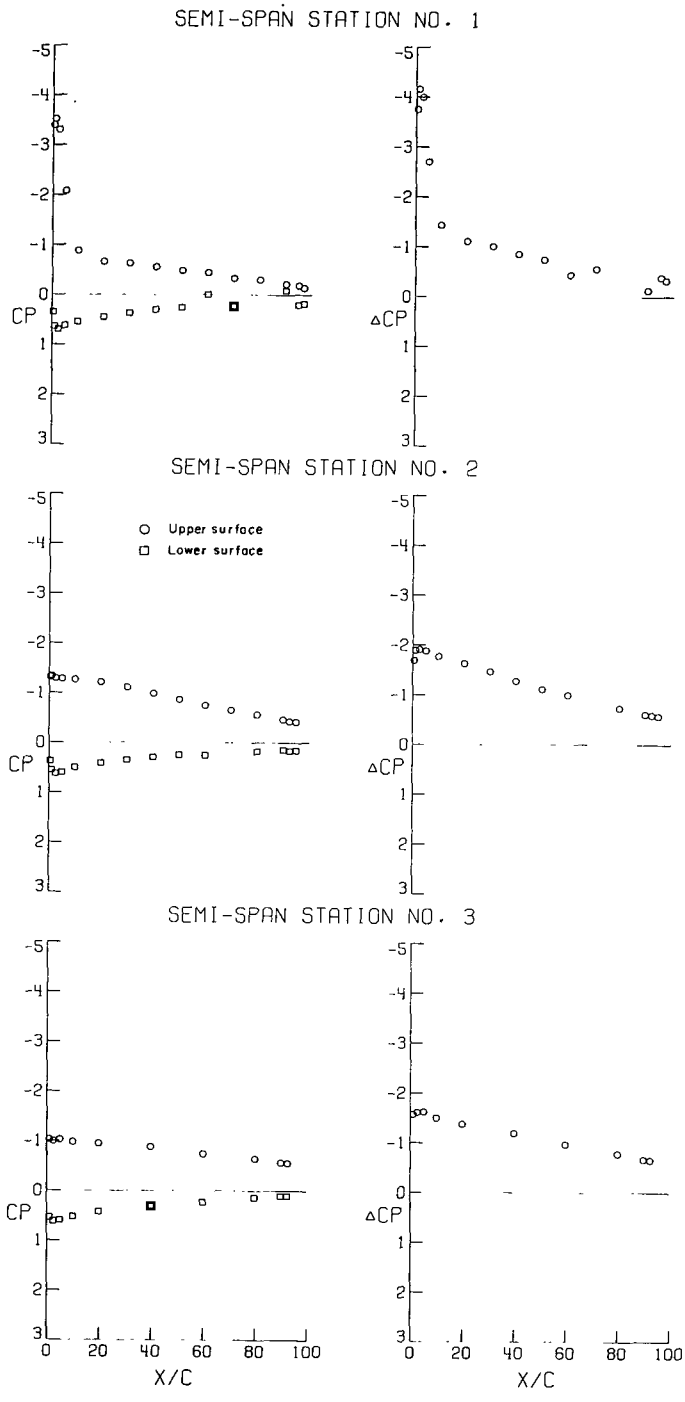
(e) $\alpha = 12.70^{o}$.

Figure 3.- Continued.



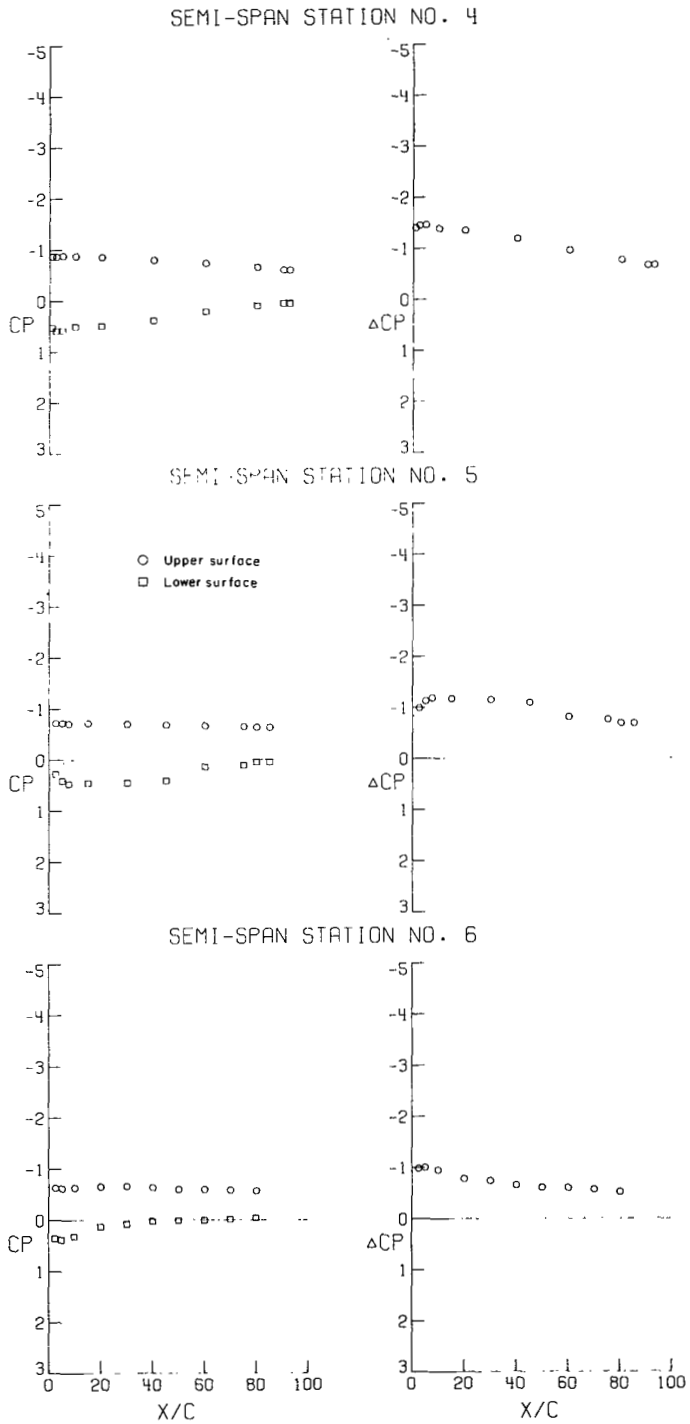
(e) Concluded.

Figure 3.- Continued.



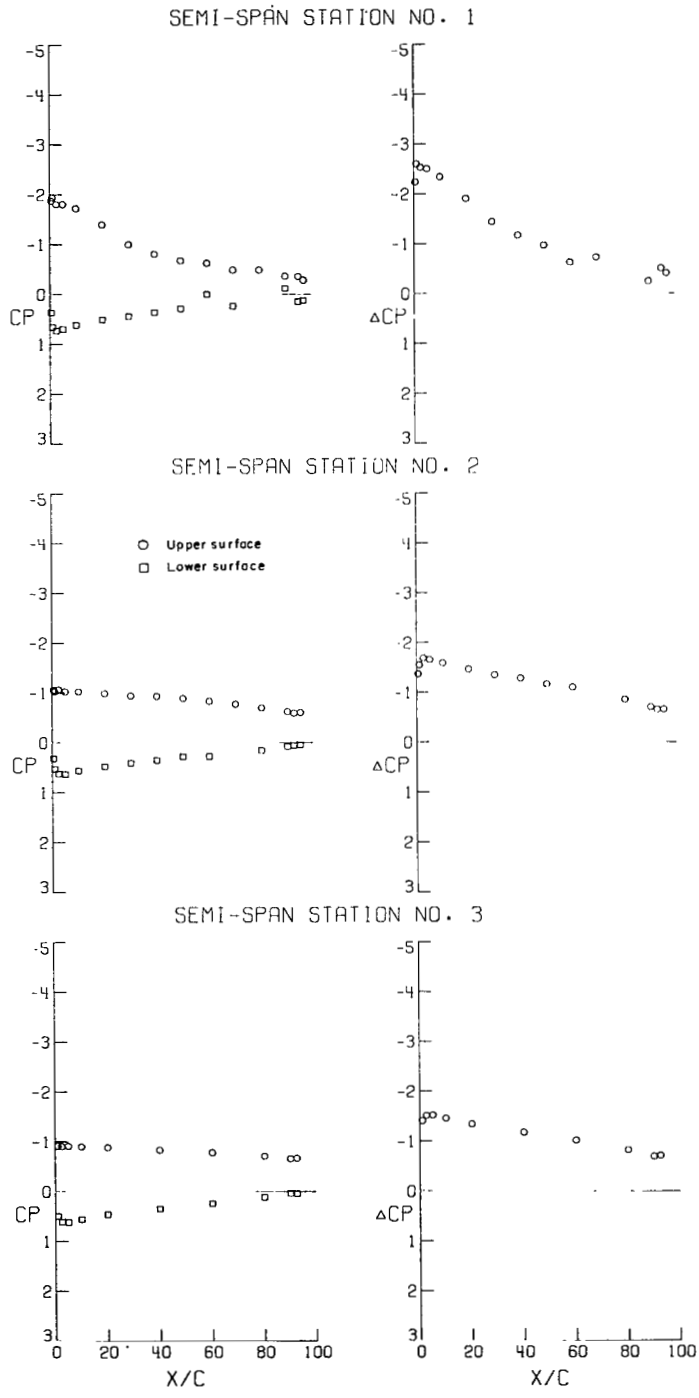
(f) α = 17.05°.

Figure 3.- Continued.



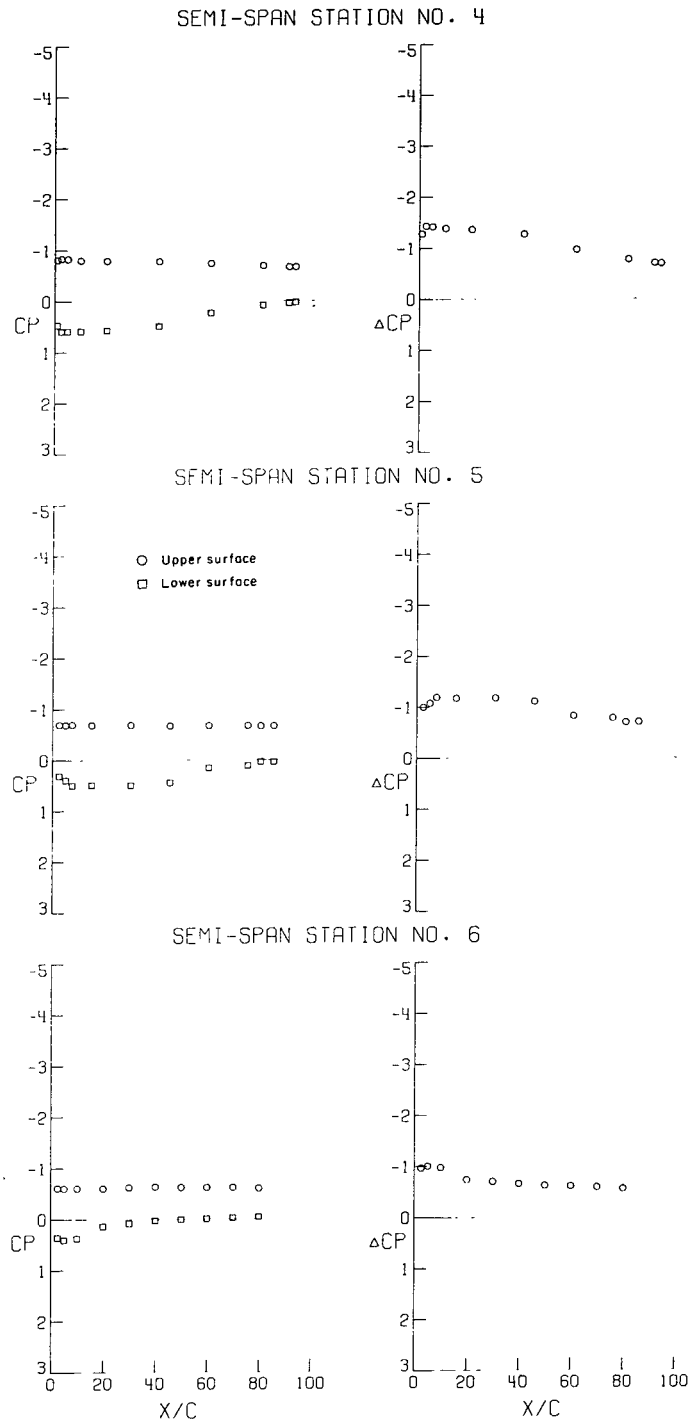
(f) Concluded.

Figure 3.- Continued.



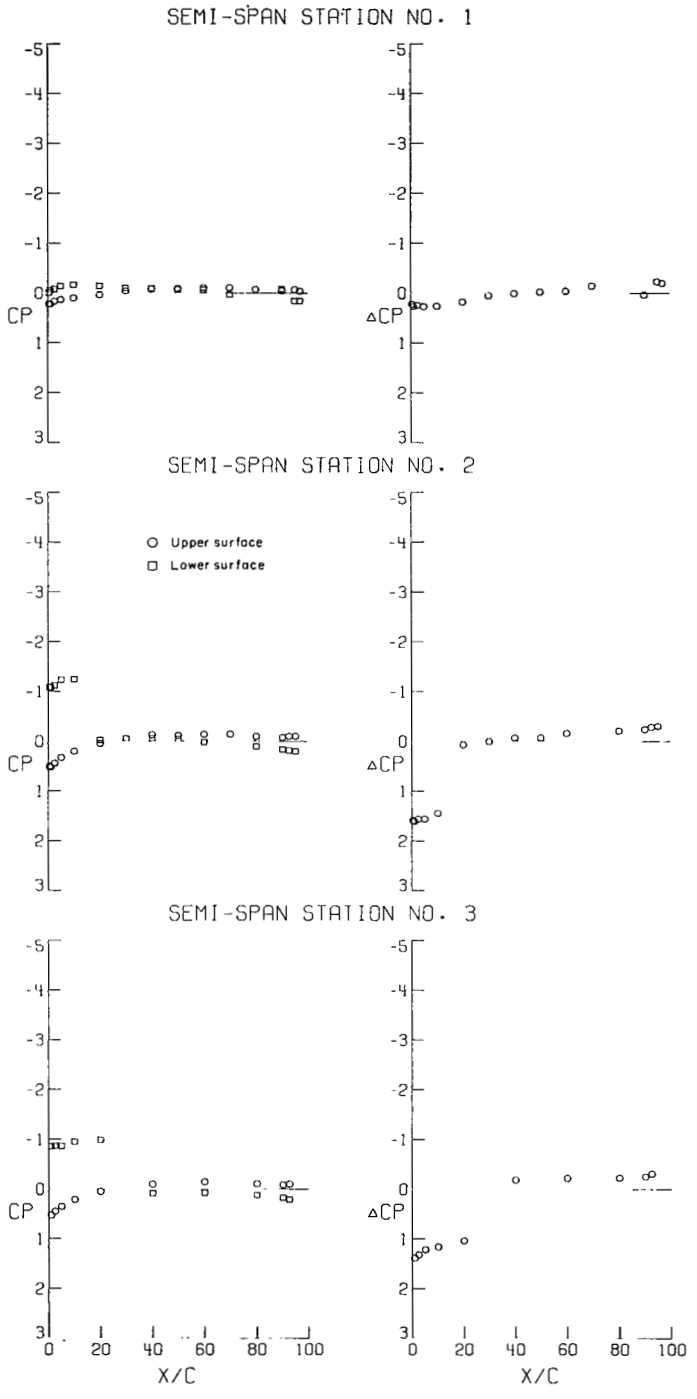
(g) α = 21.20°.

Figure 3.- Continued.



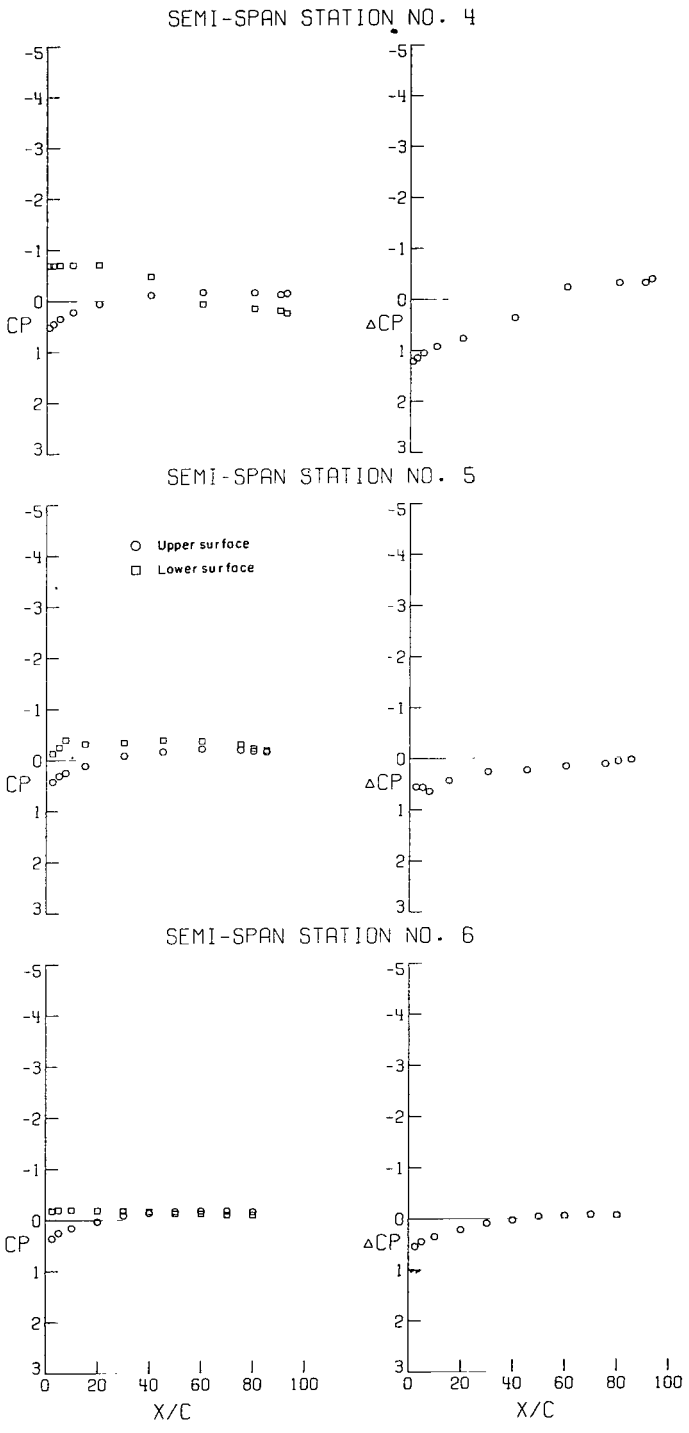
(g) Concluded.

Figure 3.- Concluded.



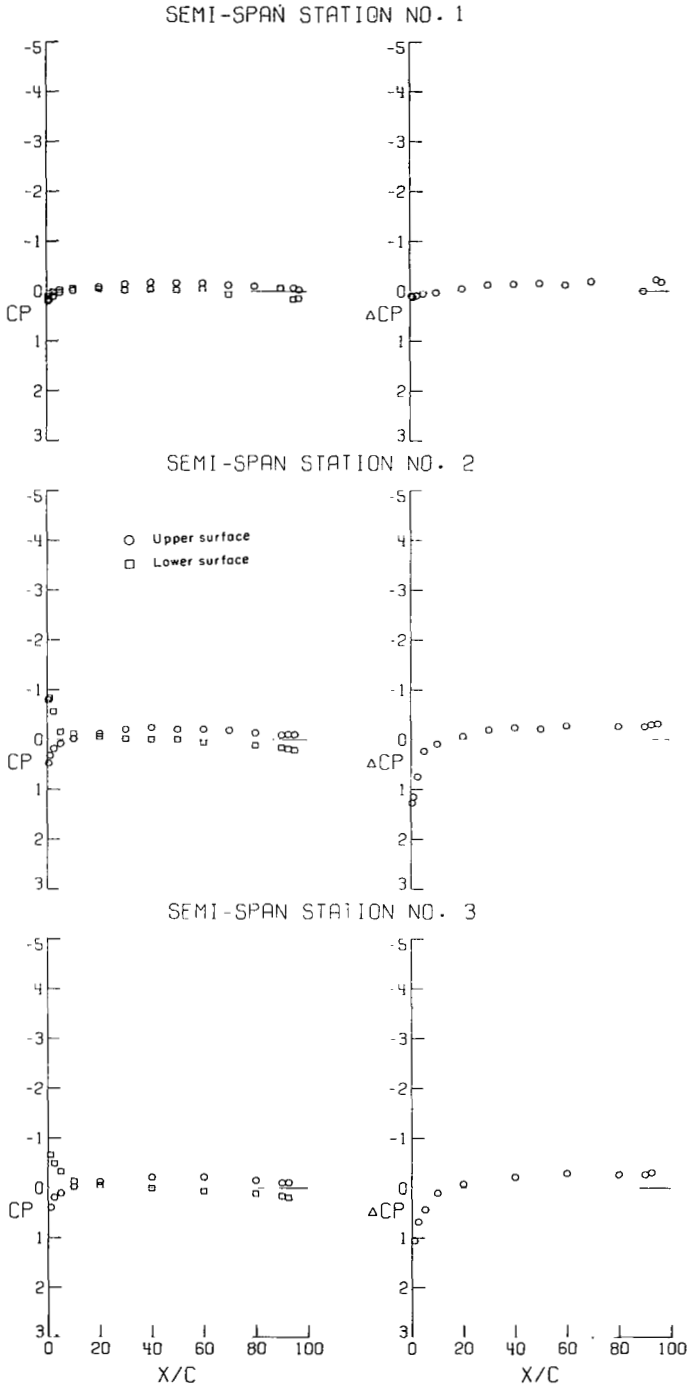
(a) α = -3.94°.

Figure 4.- Pressure distributions at a Mach number of 0.40 for the model with strakes on. $C_{L,d}$ = 0.35.



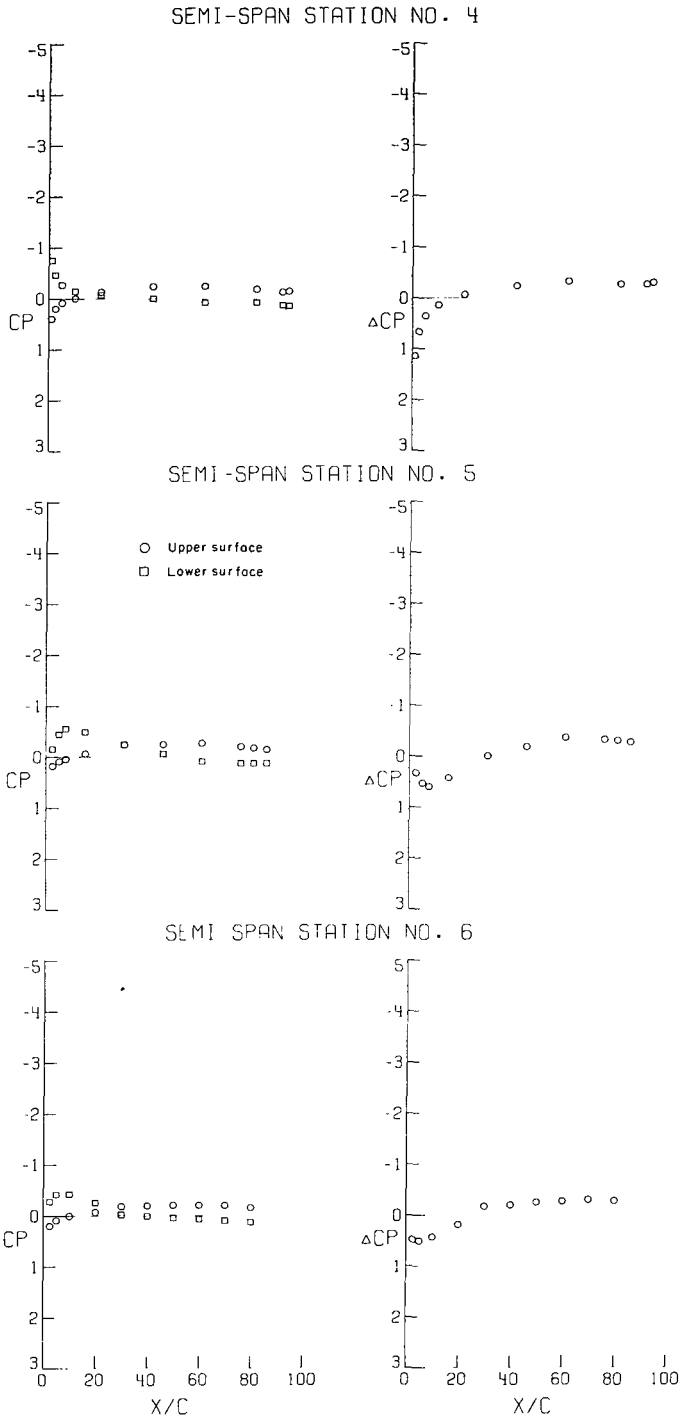
(a) Concluded.

Figure 4.- Continued.



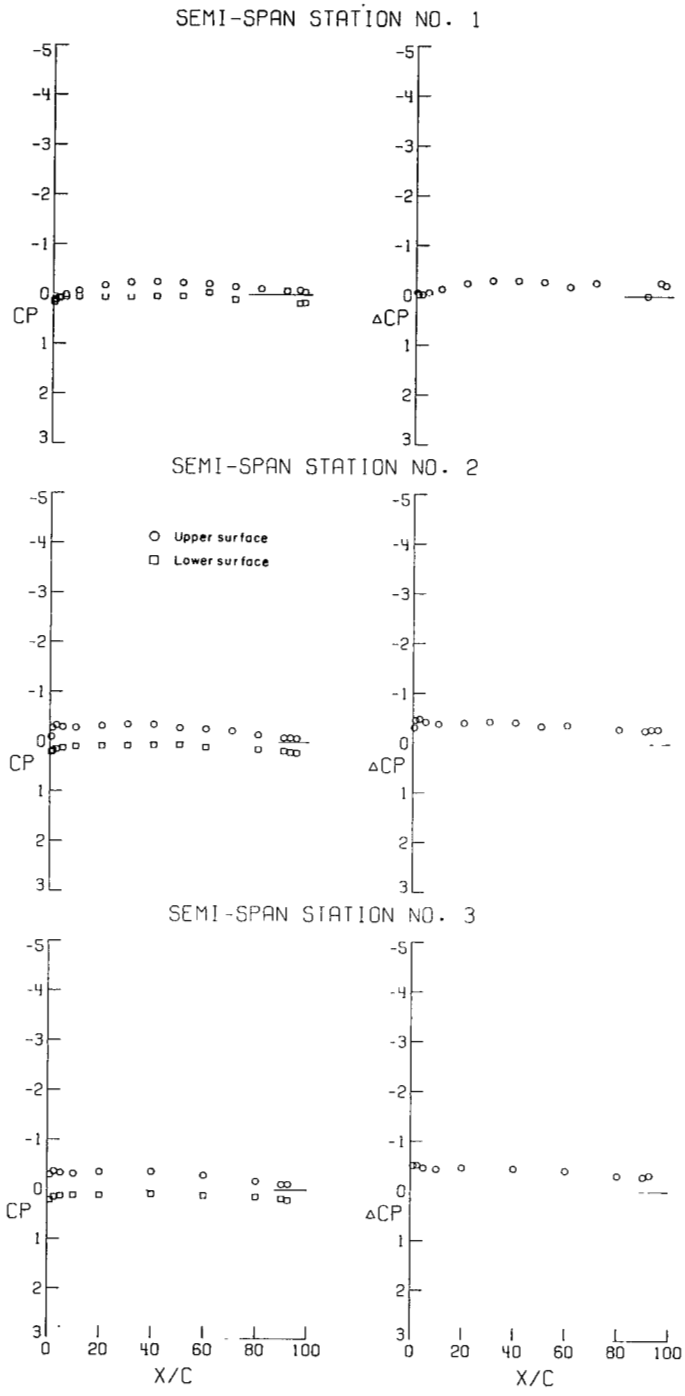
(b) $\alpha = 0.03^{o}$.

Figure 4.- Continued.



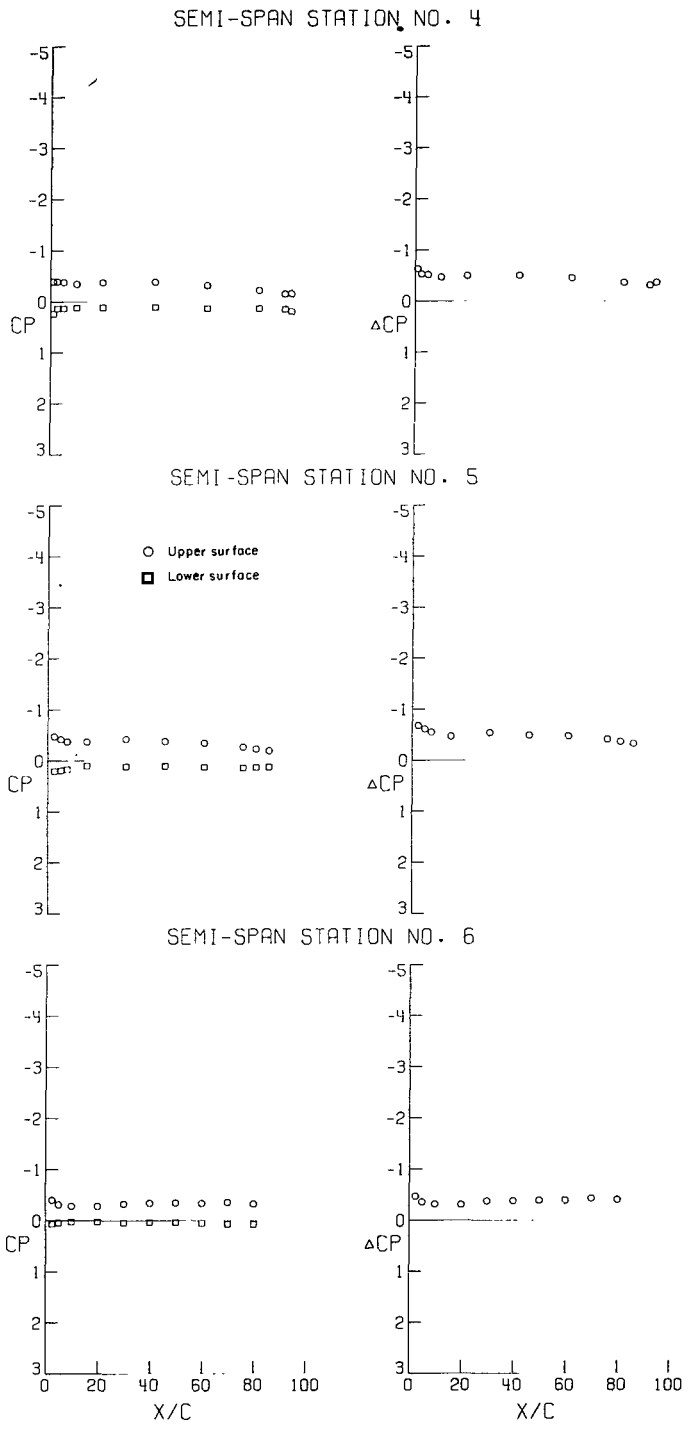
(b) Concluded.

Figure 4.- Continued.



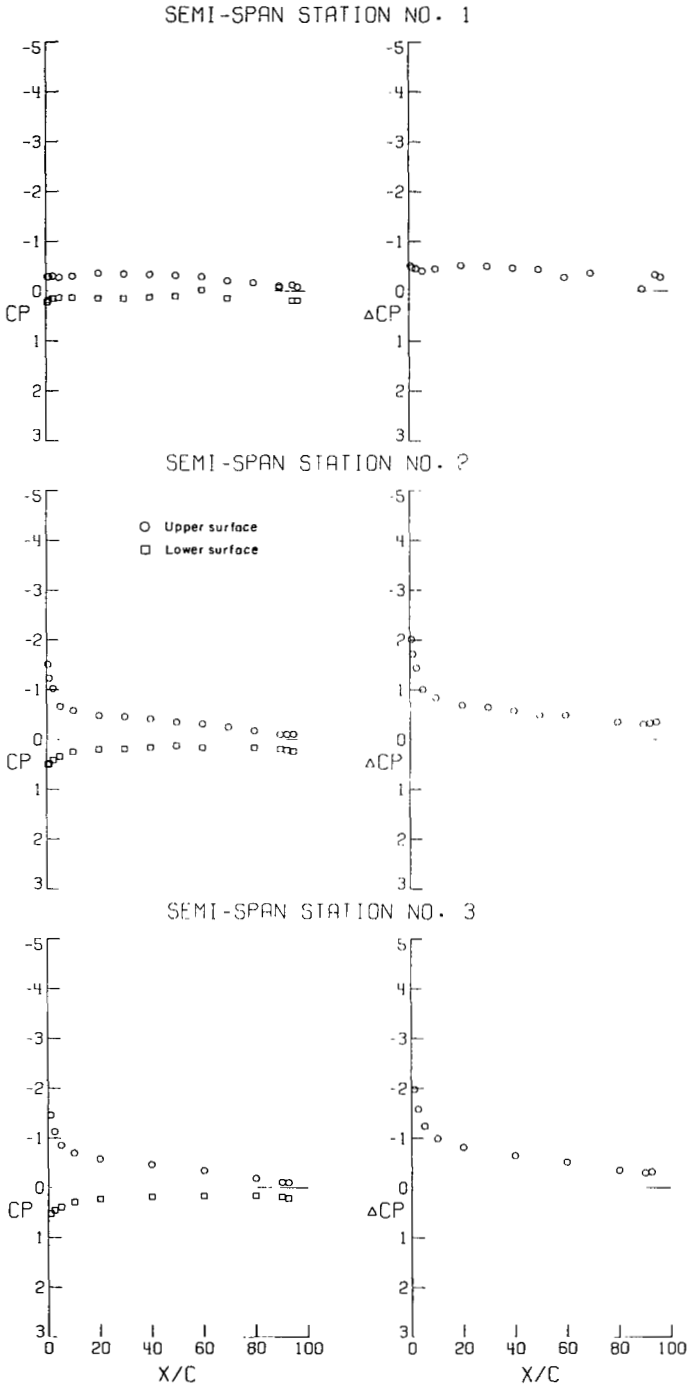
(c) $\alpha = 4.10^{o}$.

Figure 4.- Continued.



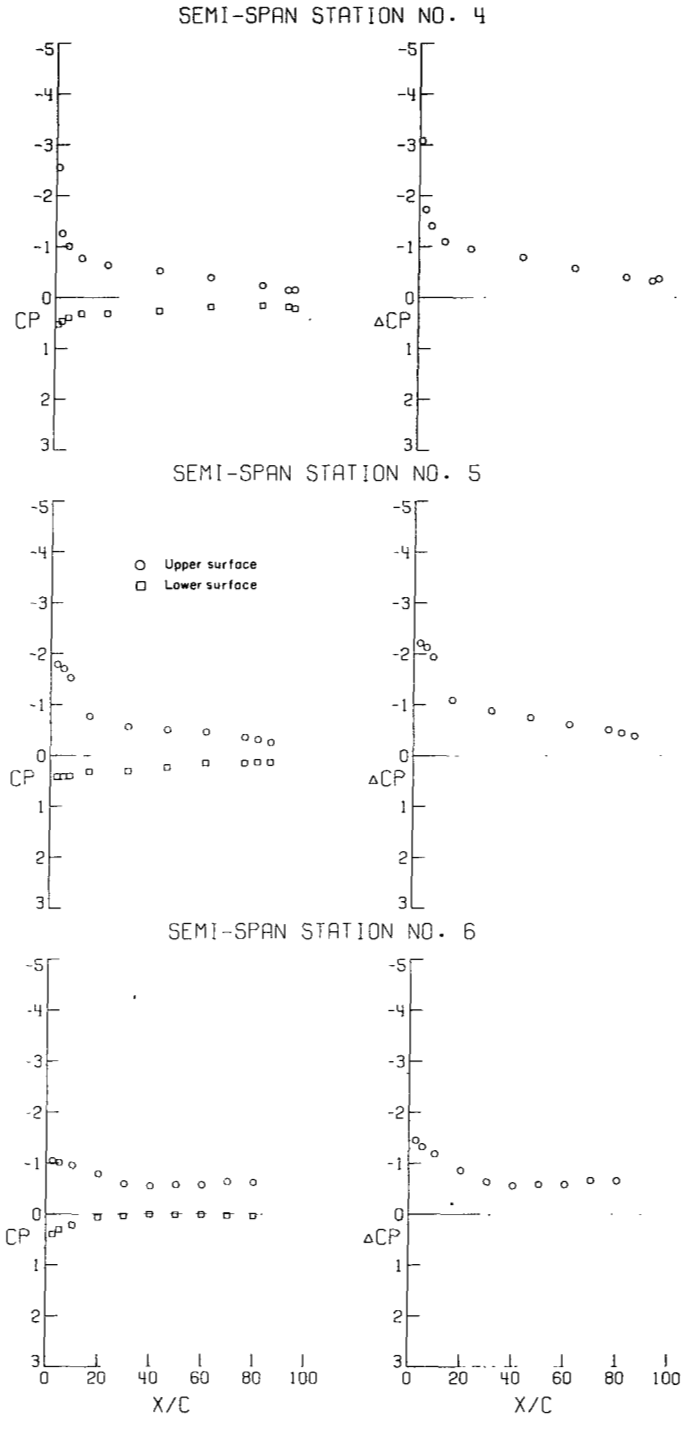
(c) Concluded.

Figure 4.- Continued.



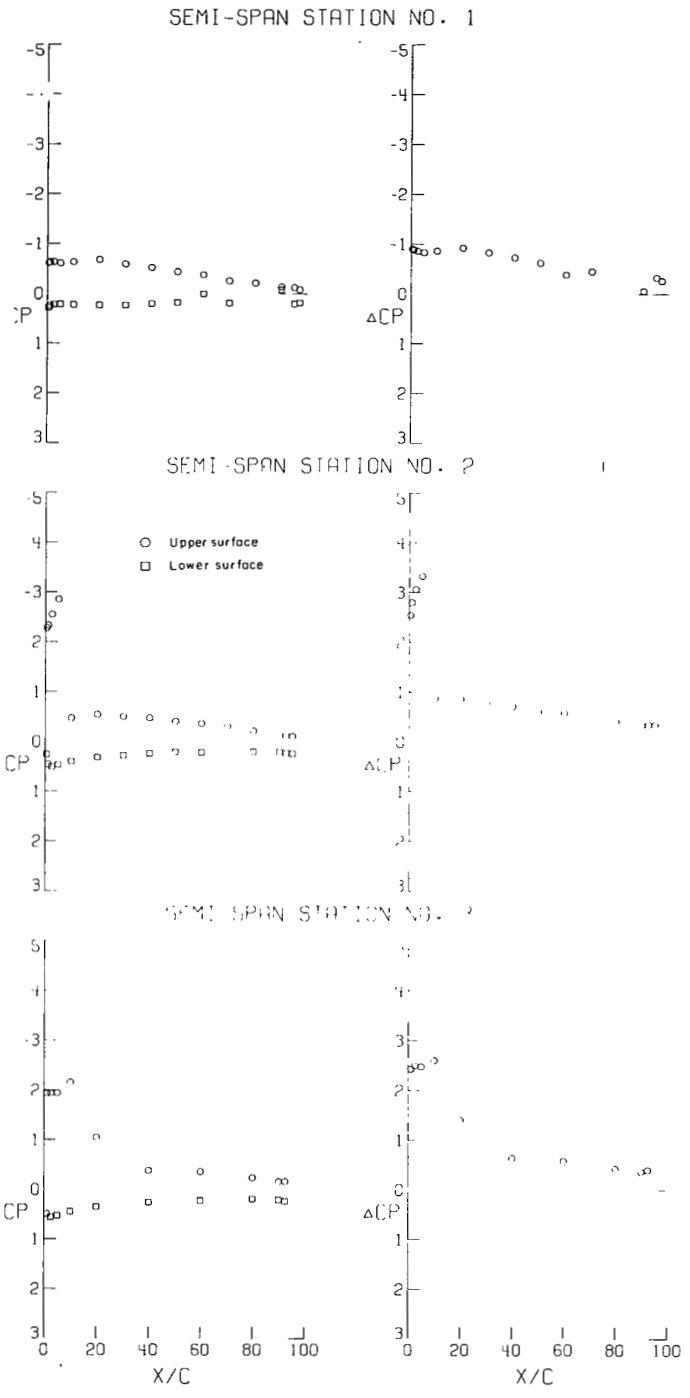
(d) $\alpha = 8.39^{o}$.

Figure 4.- Continued.



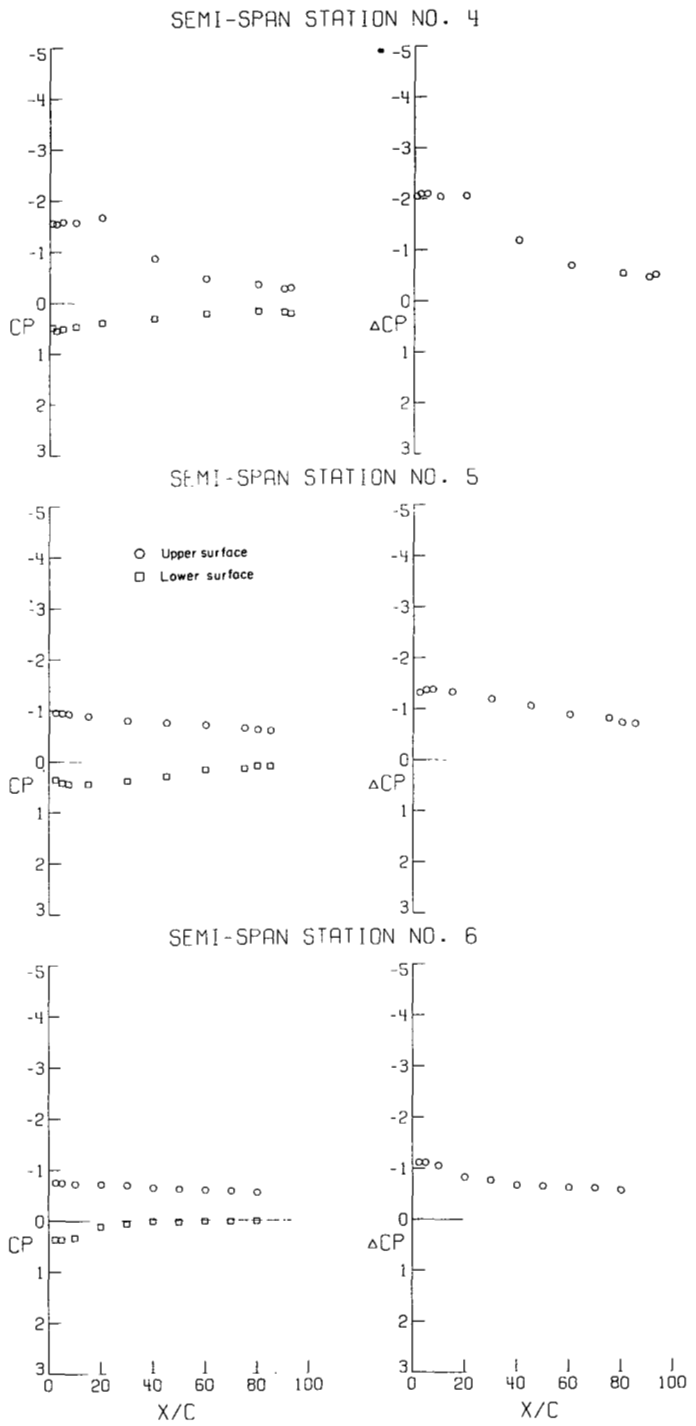
(d) Concluded.

Figure 4.- Continued.



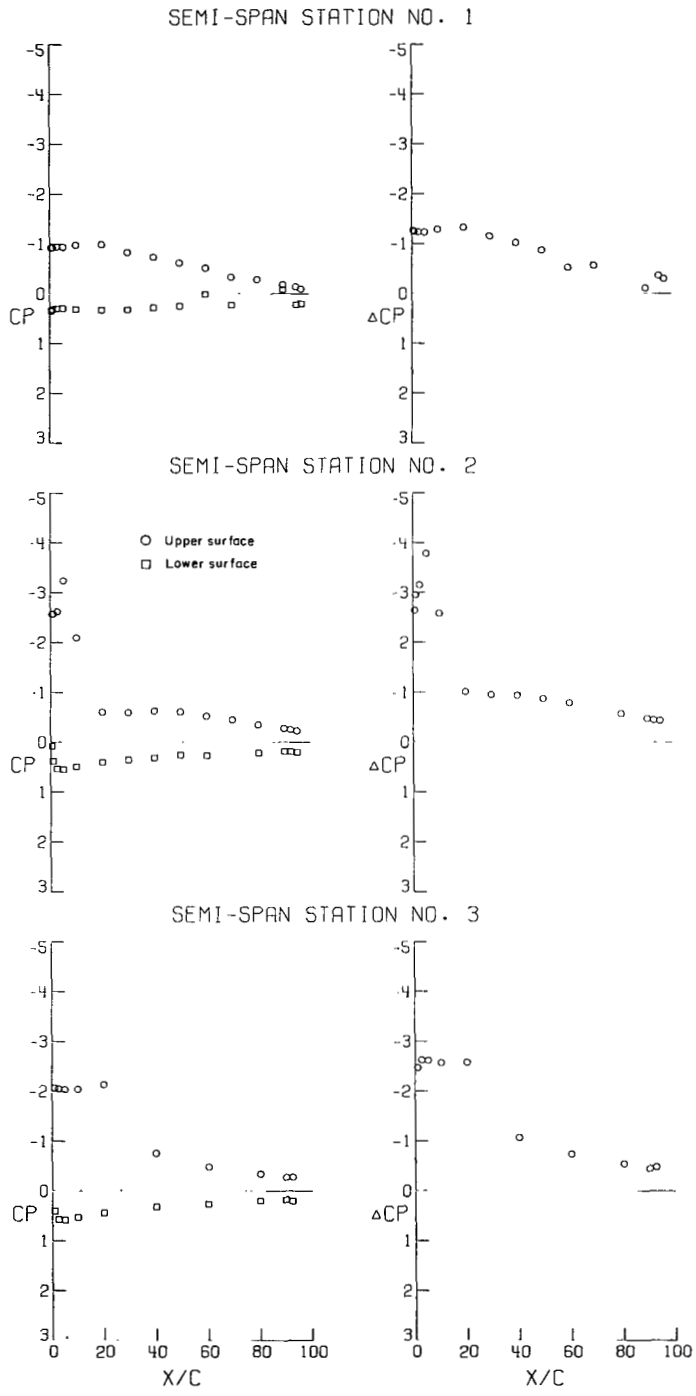
(e) $\alpha = 12.86^{o}$.

Figure 4.- Continued.



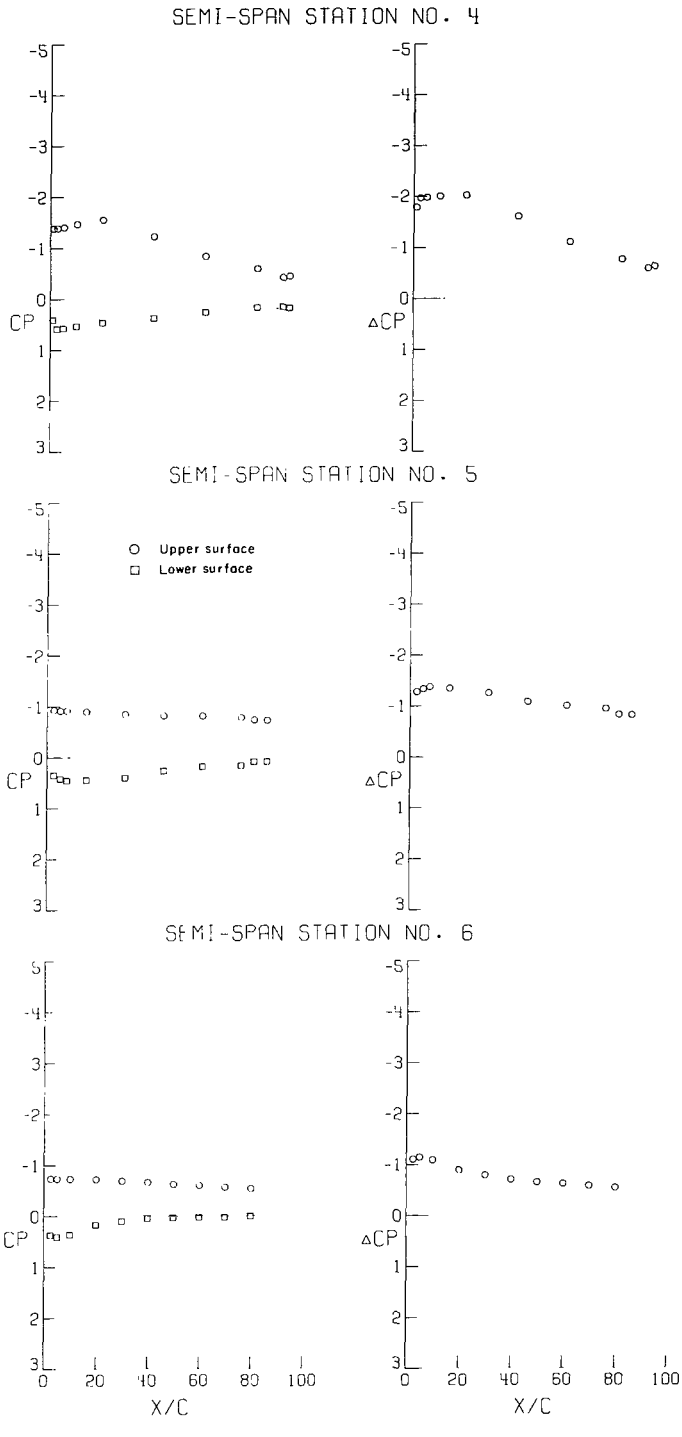
(e) Concluded.

Figure 4.- Continued.



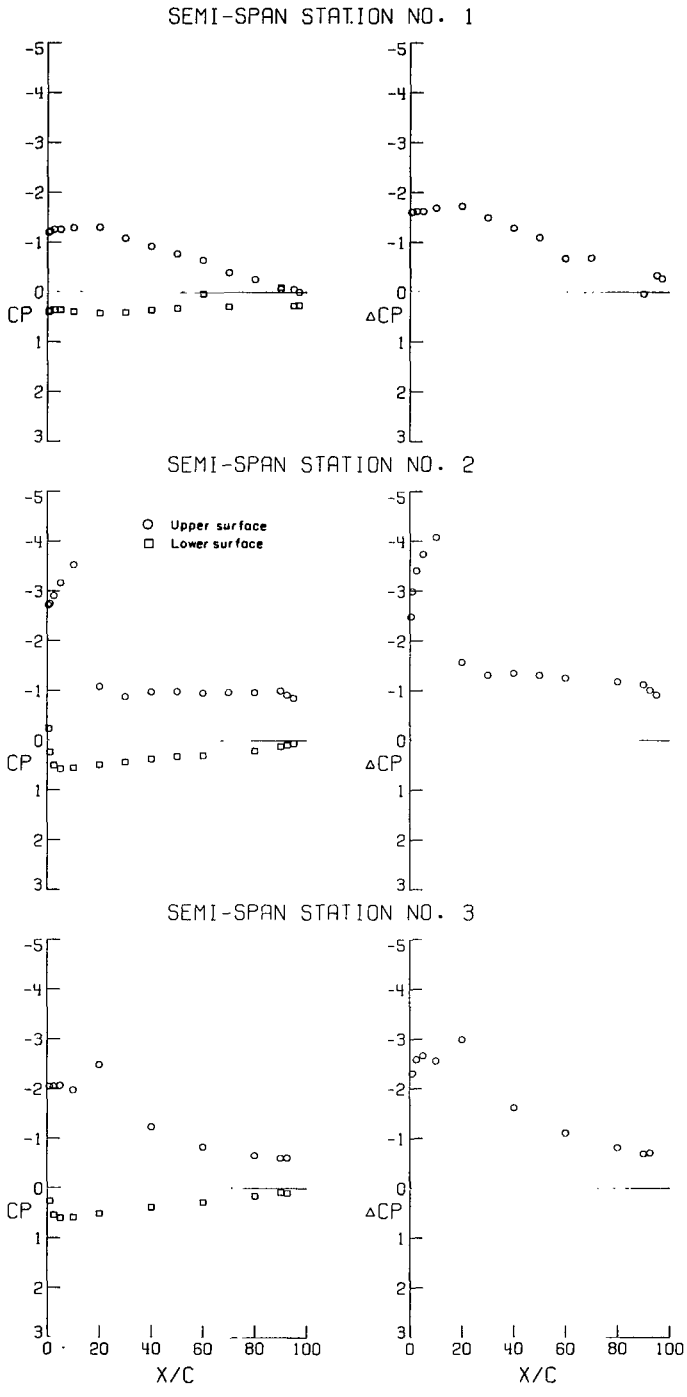
(f) $\alpha = 17.37^{o}$.

Figure 4.- Continued.



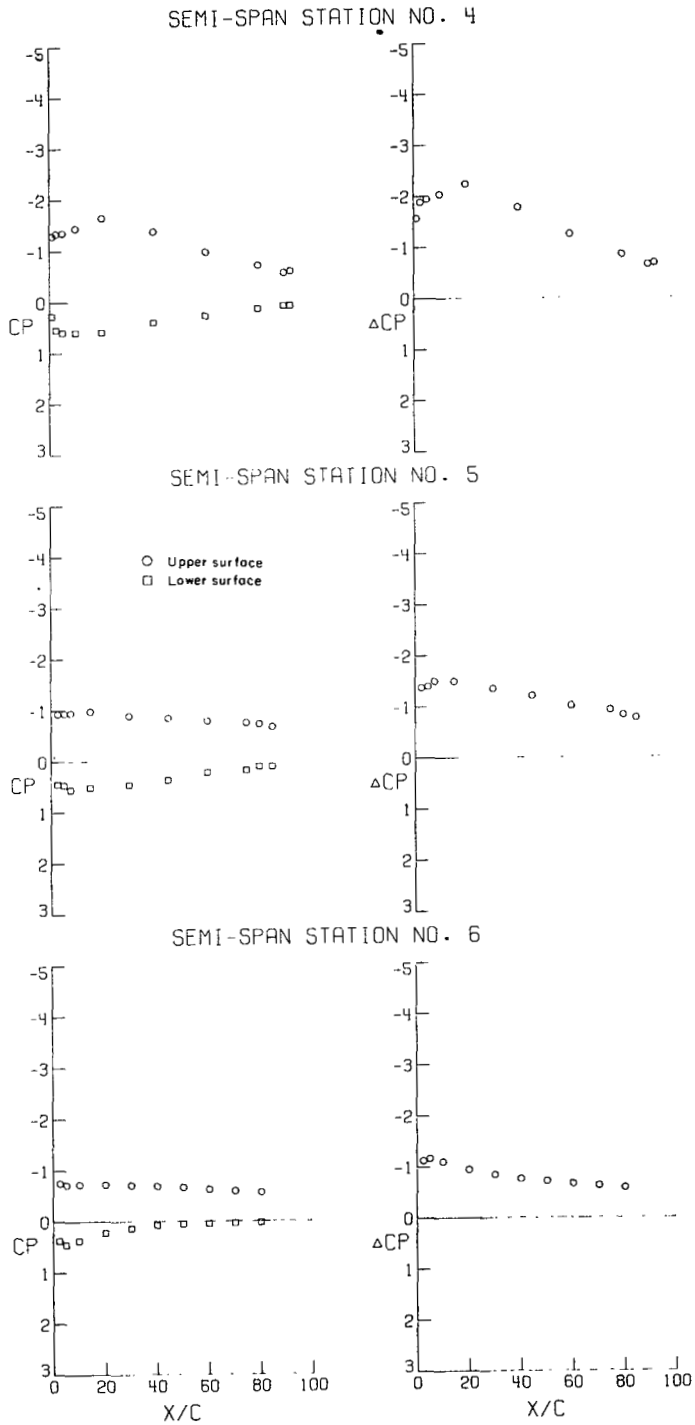
(f) Concluded.

Figure 4.- Continued.



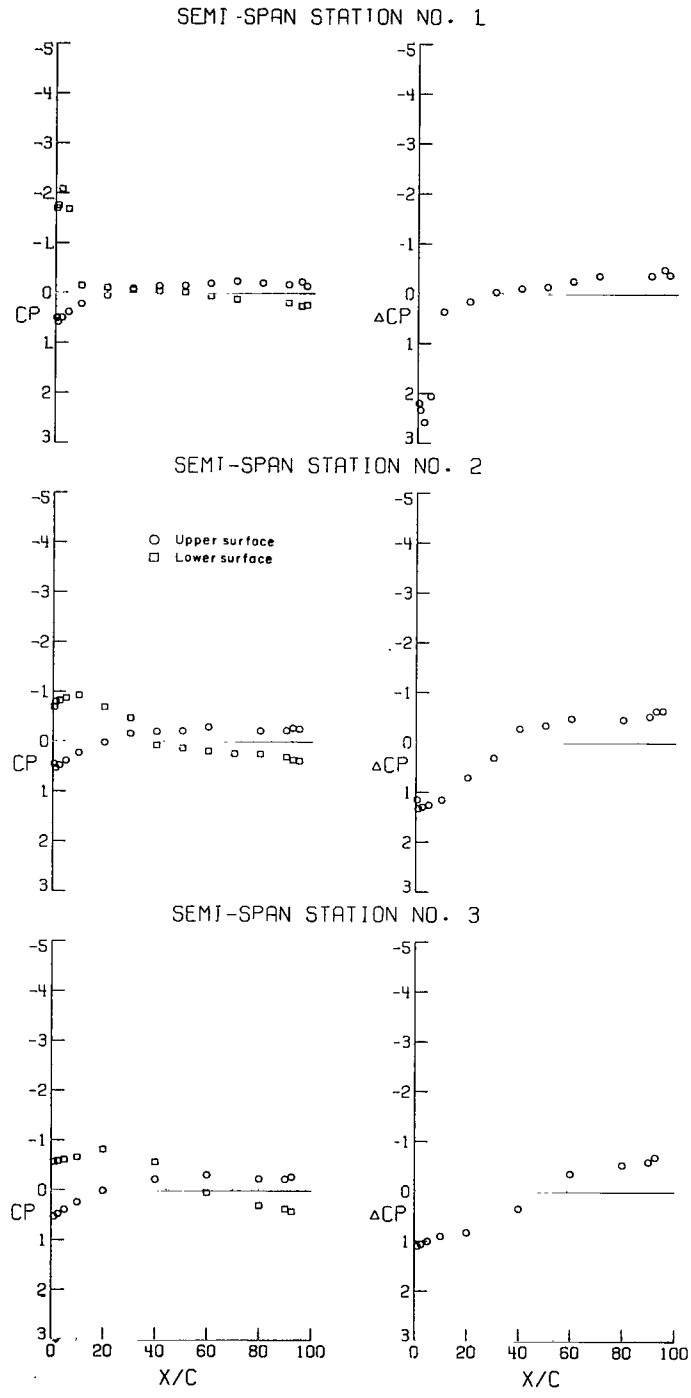
(g) $\alpha = 21.80^{o}$.

Figure 4.- Continued.



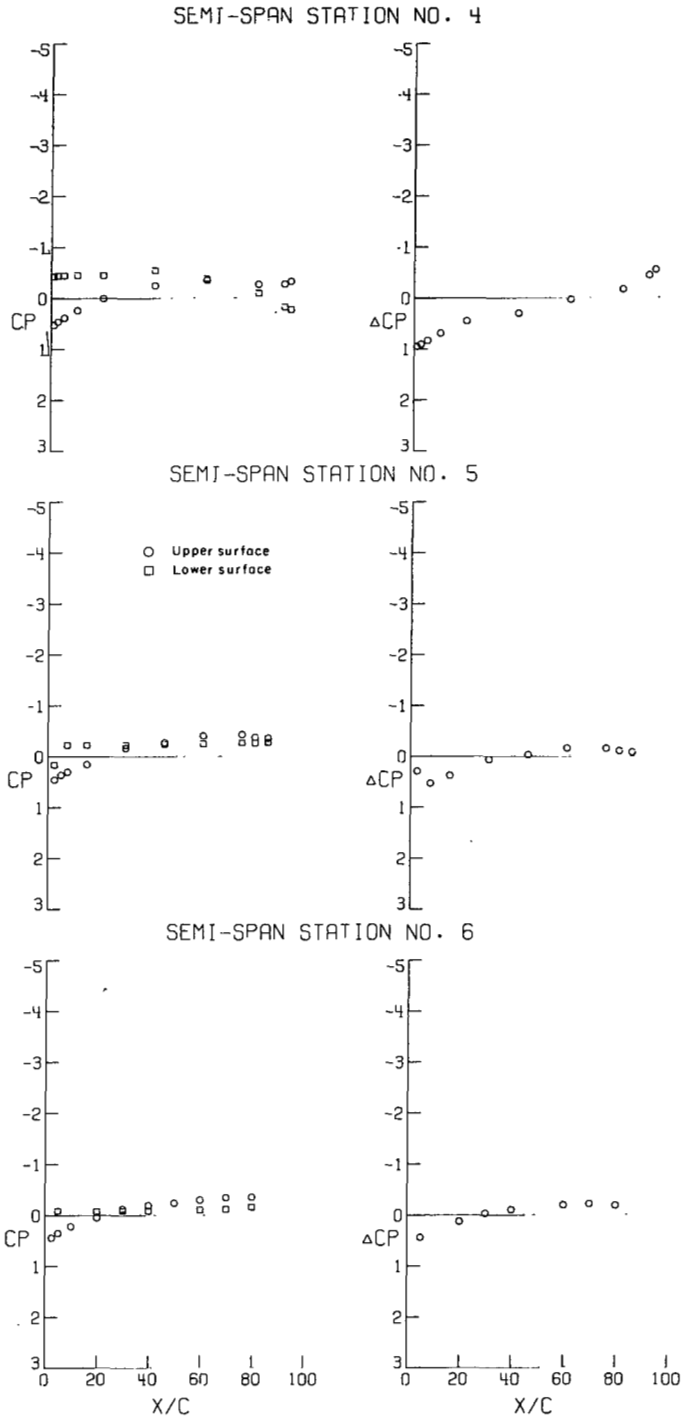
(g) Concluded.

Figure 4.- Concluded.



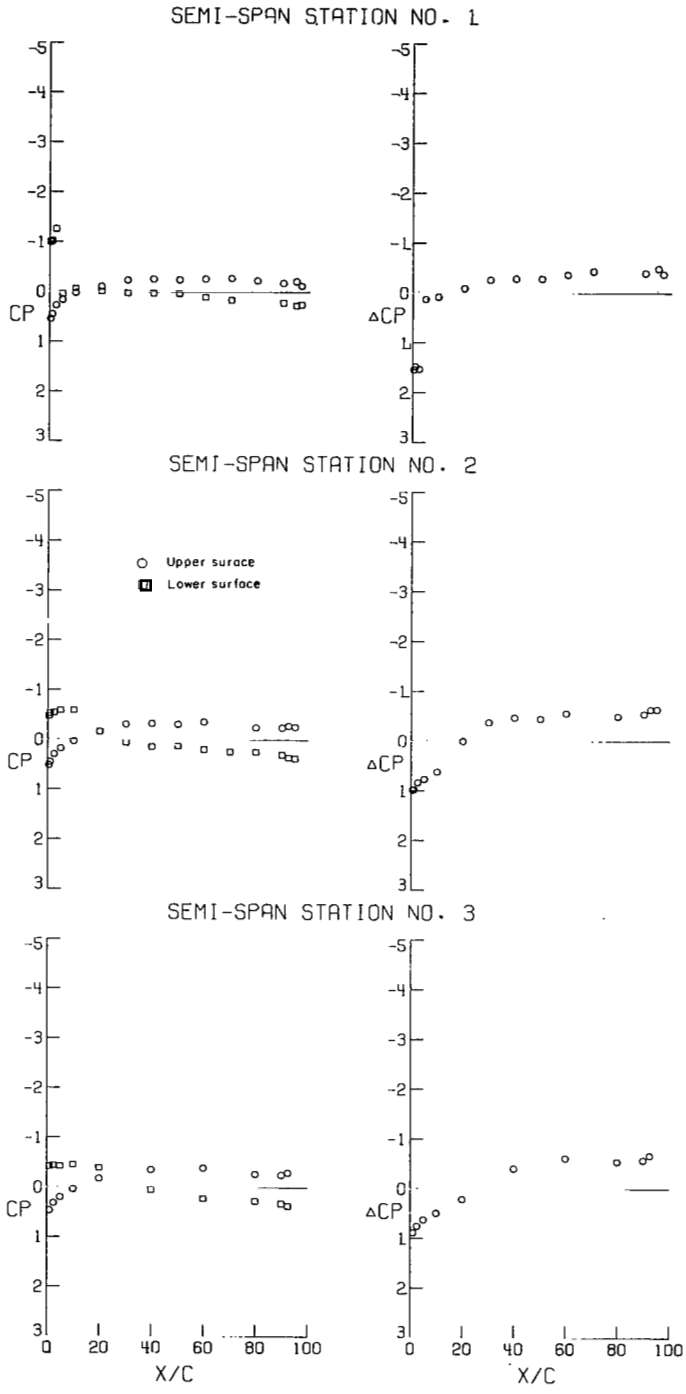
(a) α = -3.92°.

Figure 5.- Pressure distributions at a Mach number of 0.40 for the model with strakes off. $C_{L,d}$ = 0.70.



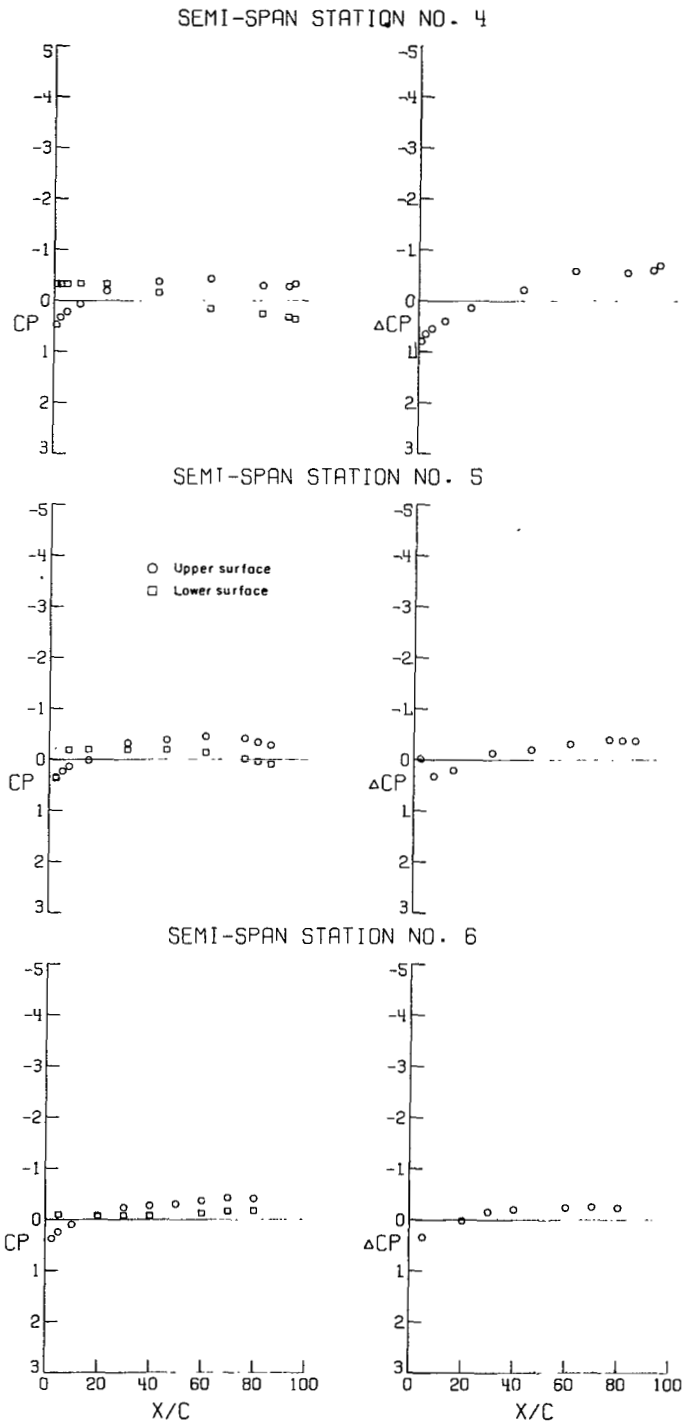
(a) Concluded.

Figure 5.- Continued.



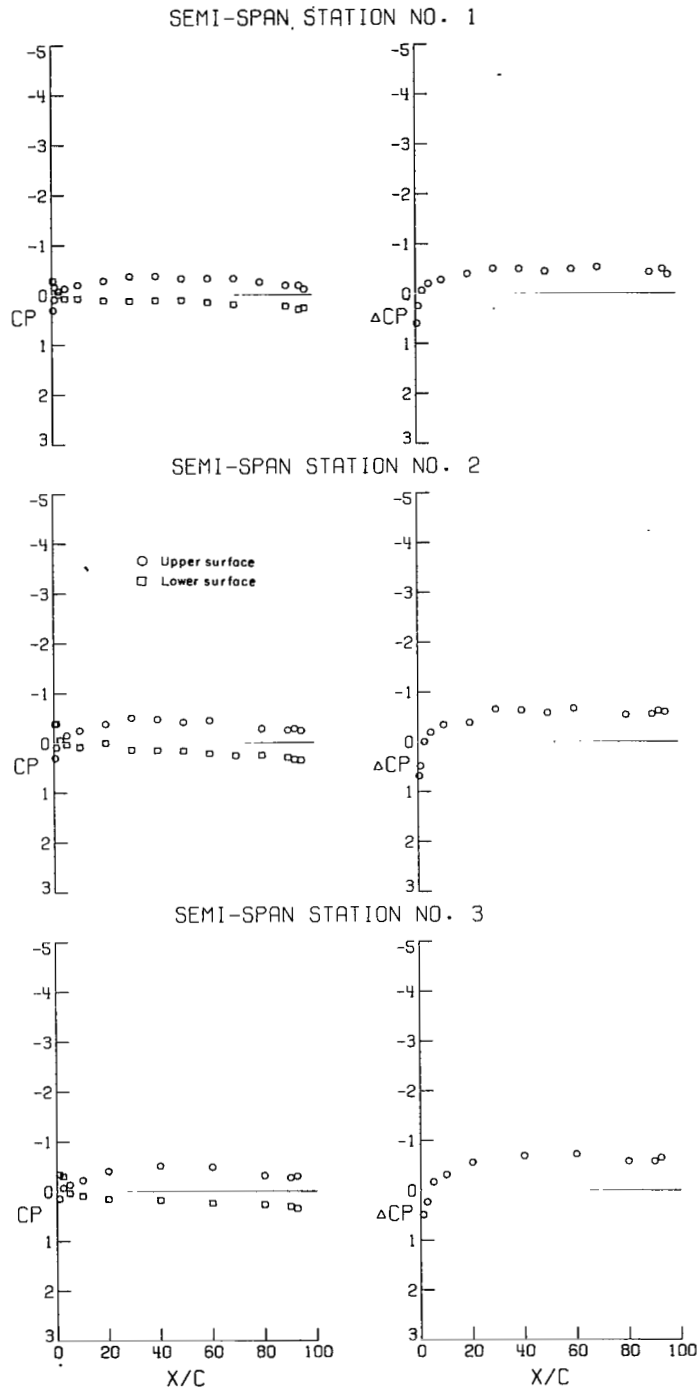
(b) $\alpha = 0.05^{o}$.

Figure 5.- Continued.



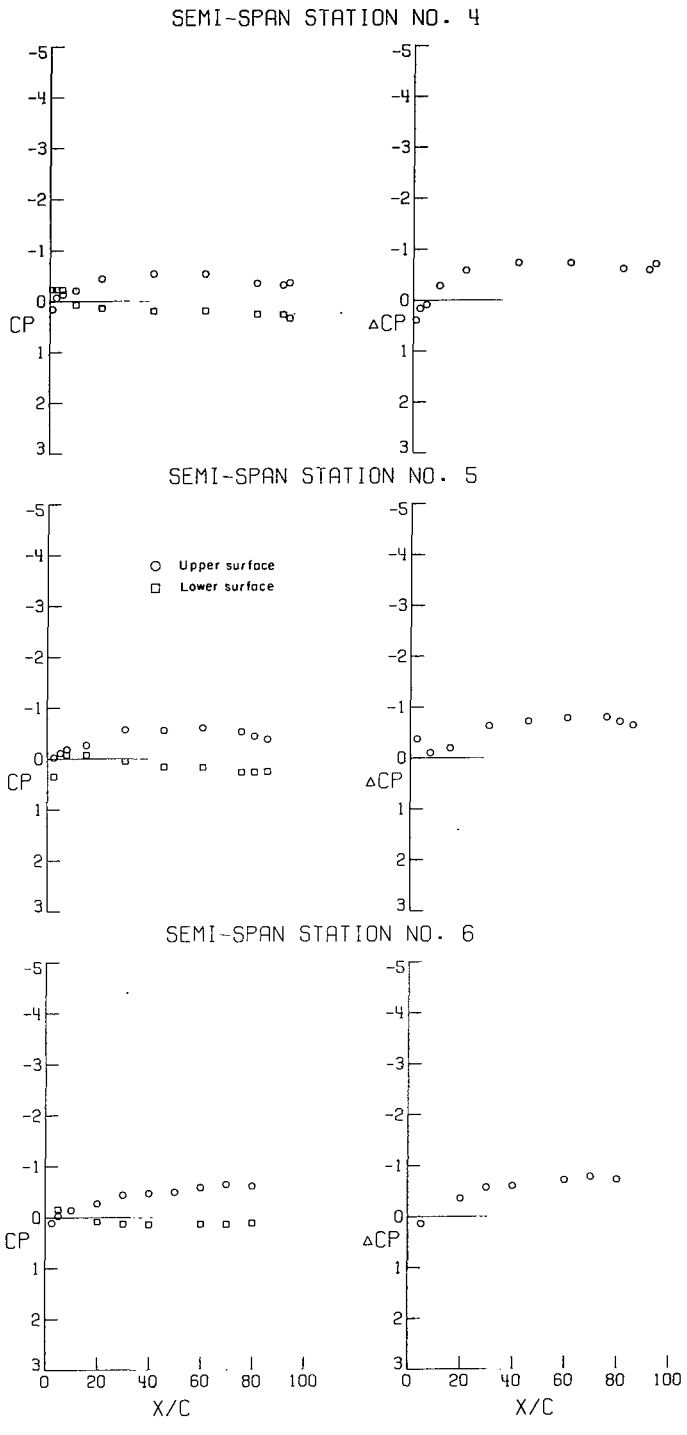
(b) Concluded.

Figure 5.- Continued.



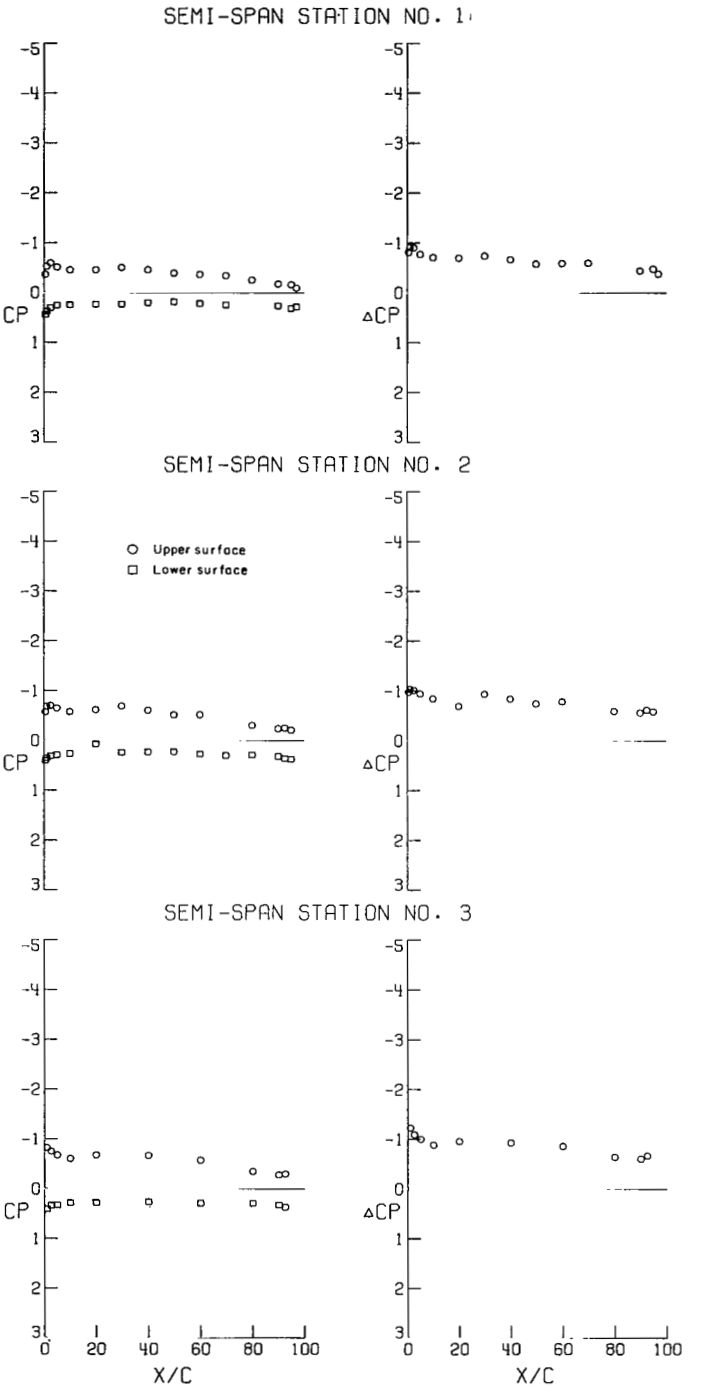
(c) $\alpha = 4.13^{o}$.

Figure 5.- Continued.



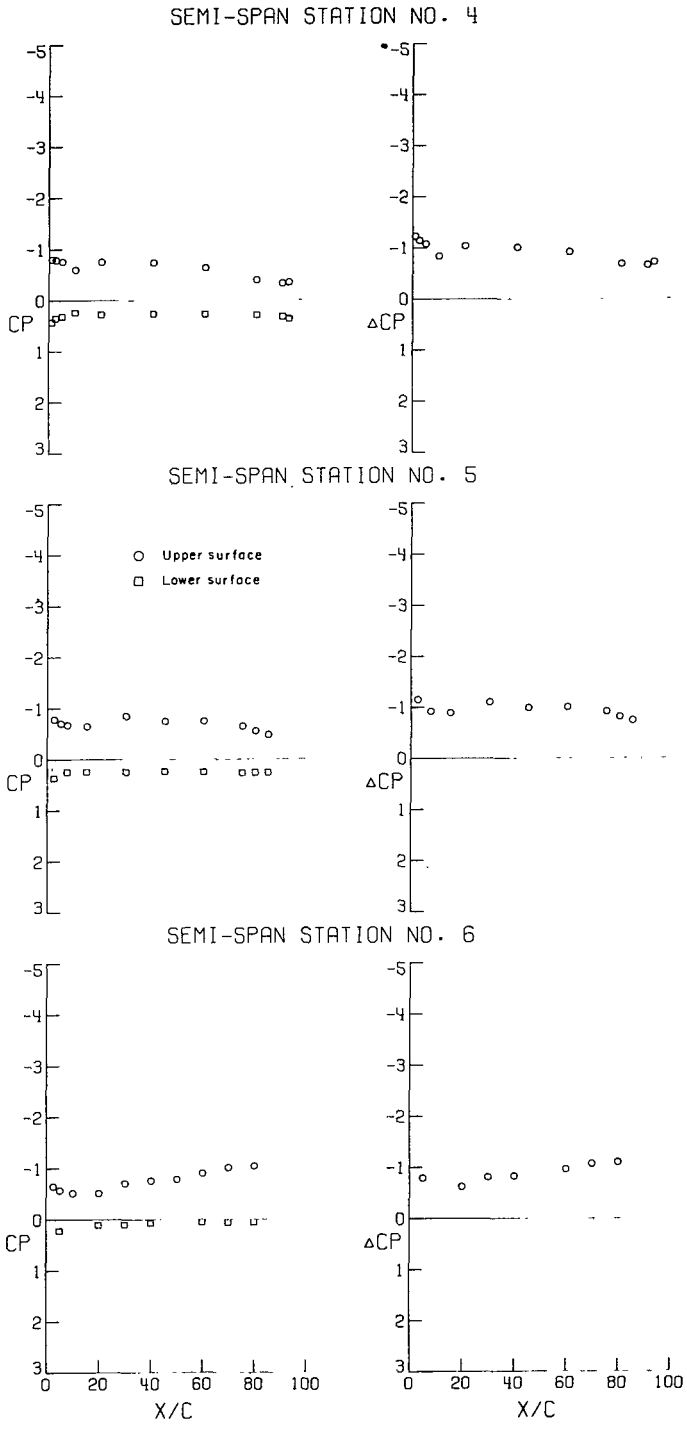
(c) Concluded.

Figure 5.- Continued.



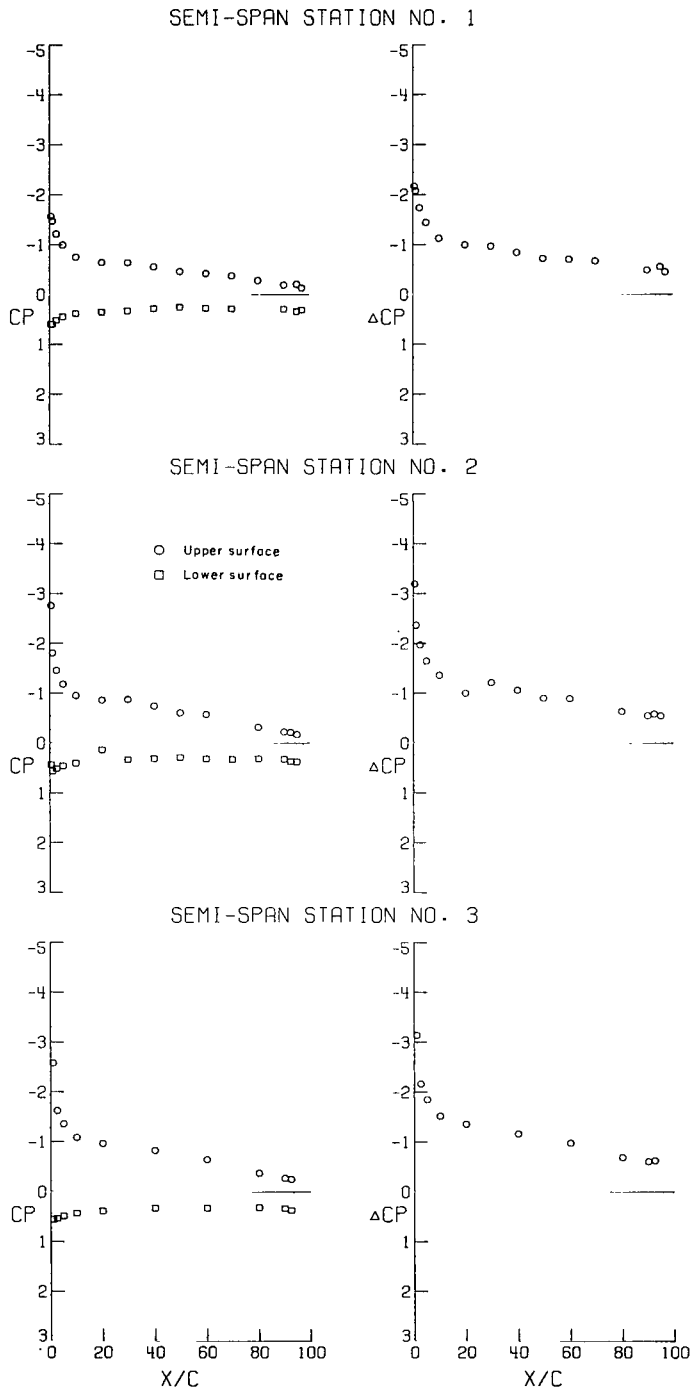
(d) $\alpha = 8.37^{o}$.

Figure 5.- Continued.



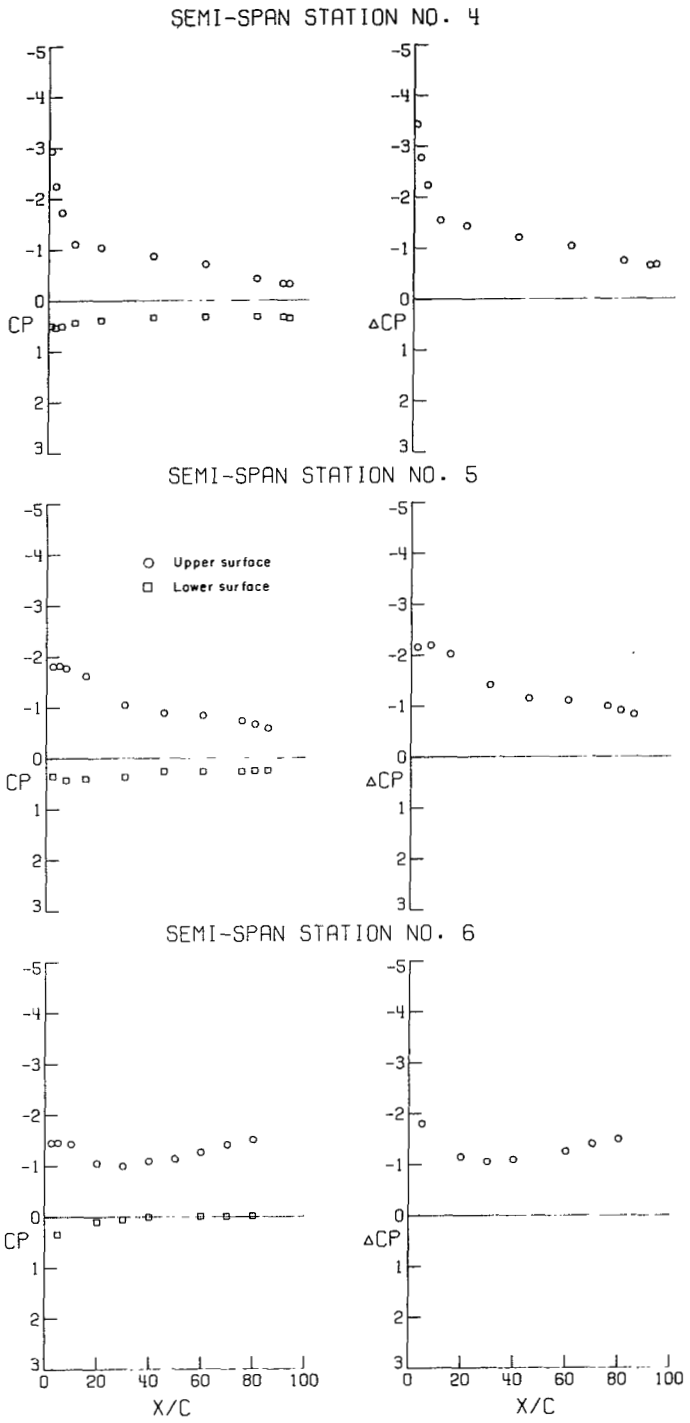
(d) Concluded.

Figure 5.- Continued.



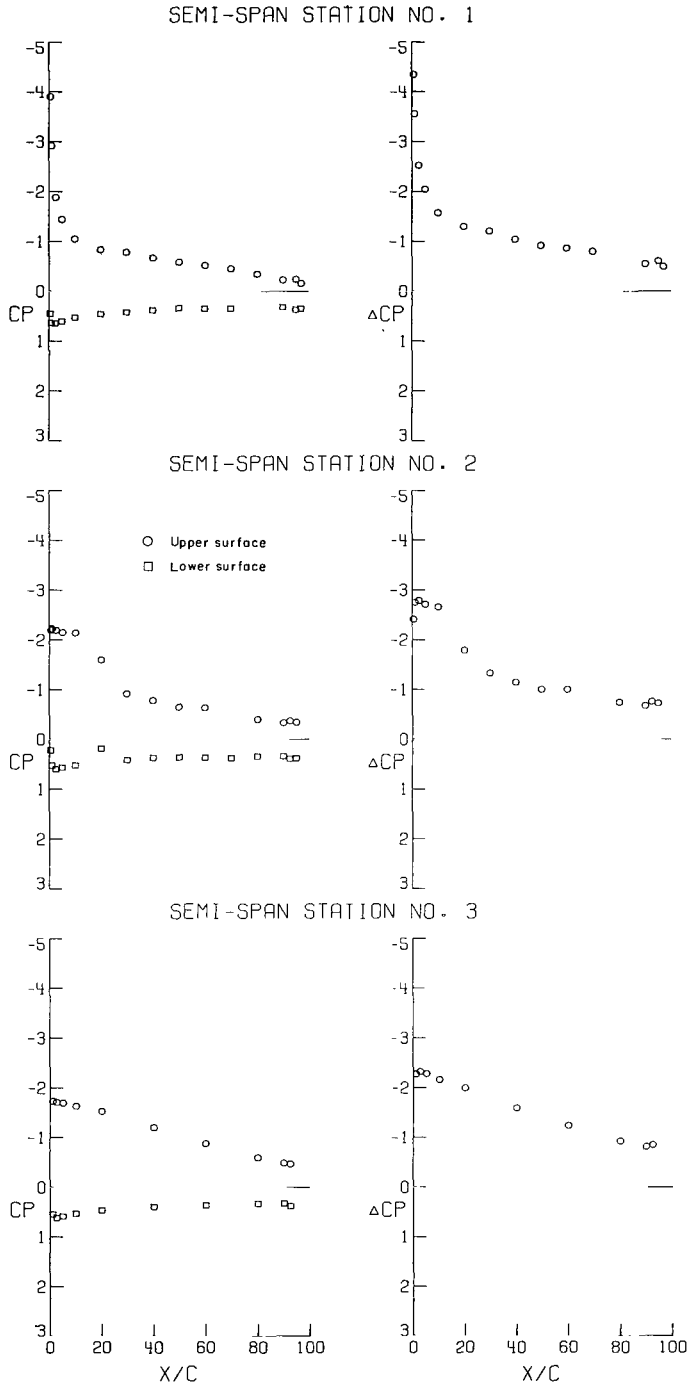
(e) $\alpha = 12.73^{o}$.

Figure 5.- Continued.



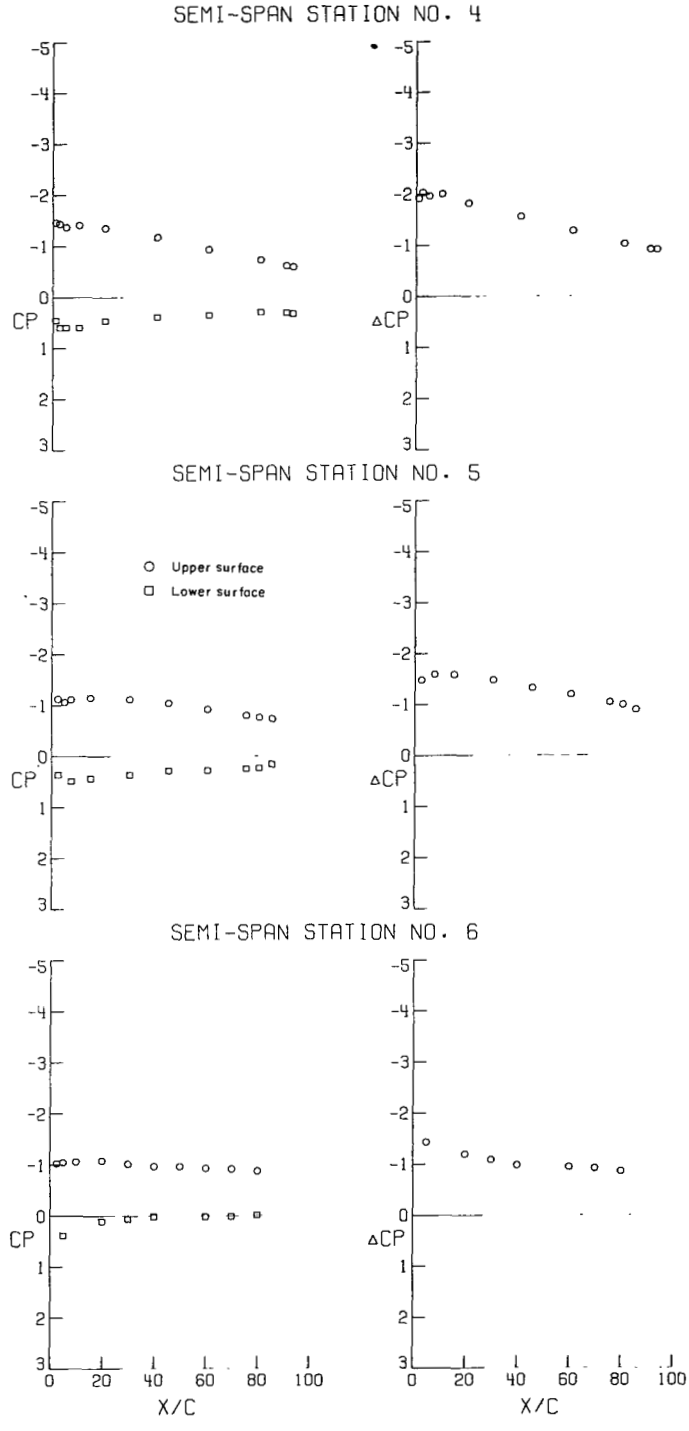
(e) Concluded.

Figure 5.- Continued.



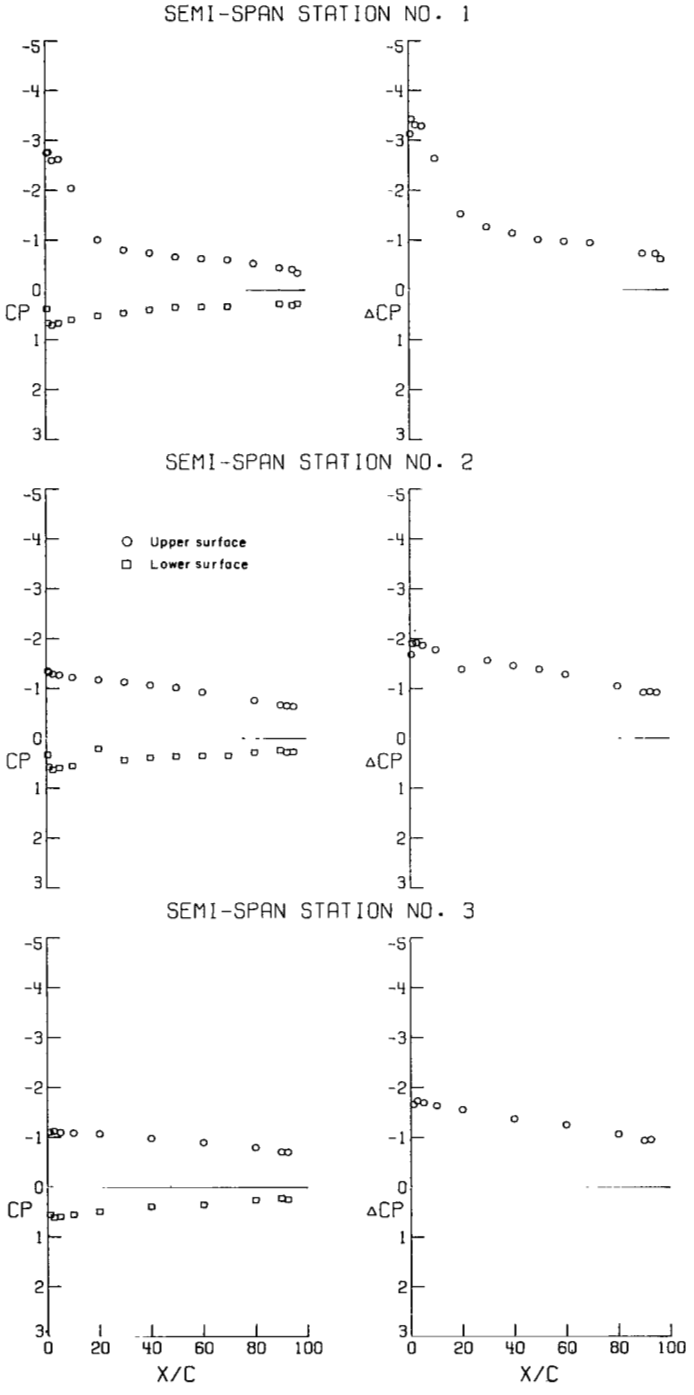
(f) $\alpha = 17.12^{o}$.

Figure 5.- Continued.



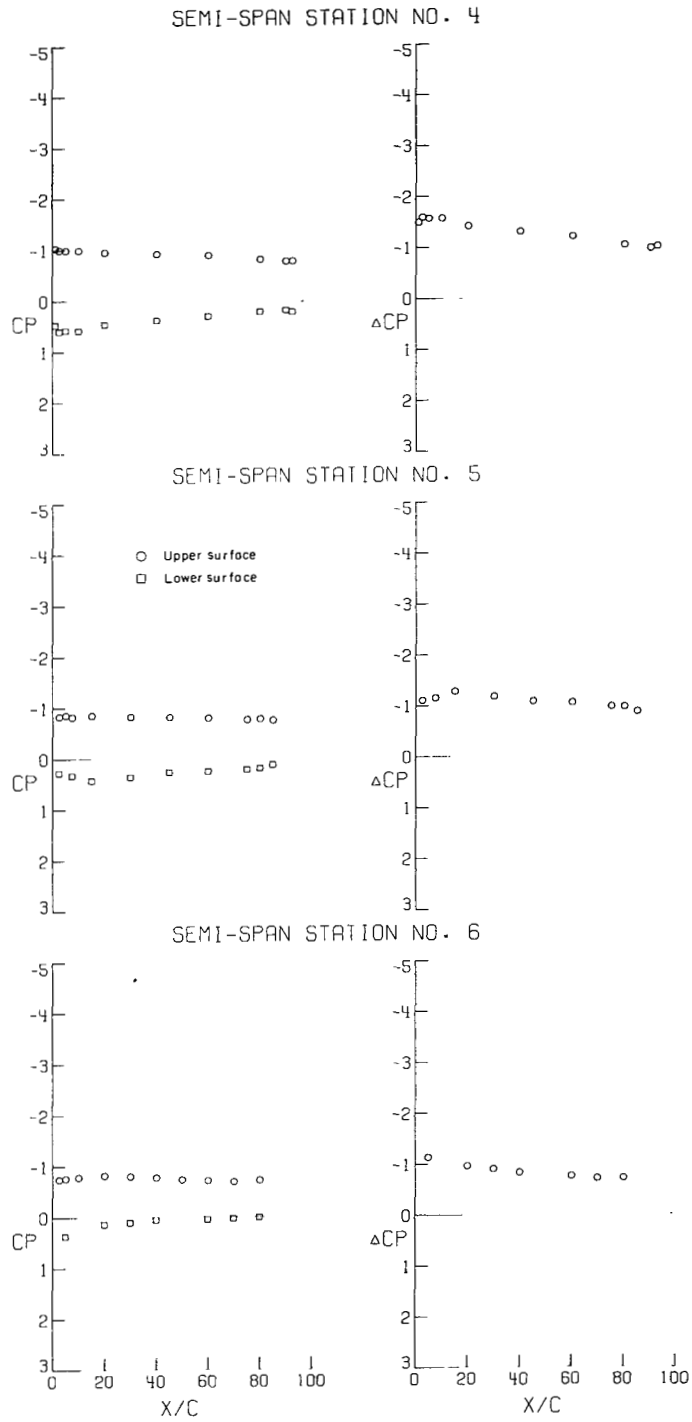
(f) Concluded.

Figure 5.- Continued.



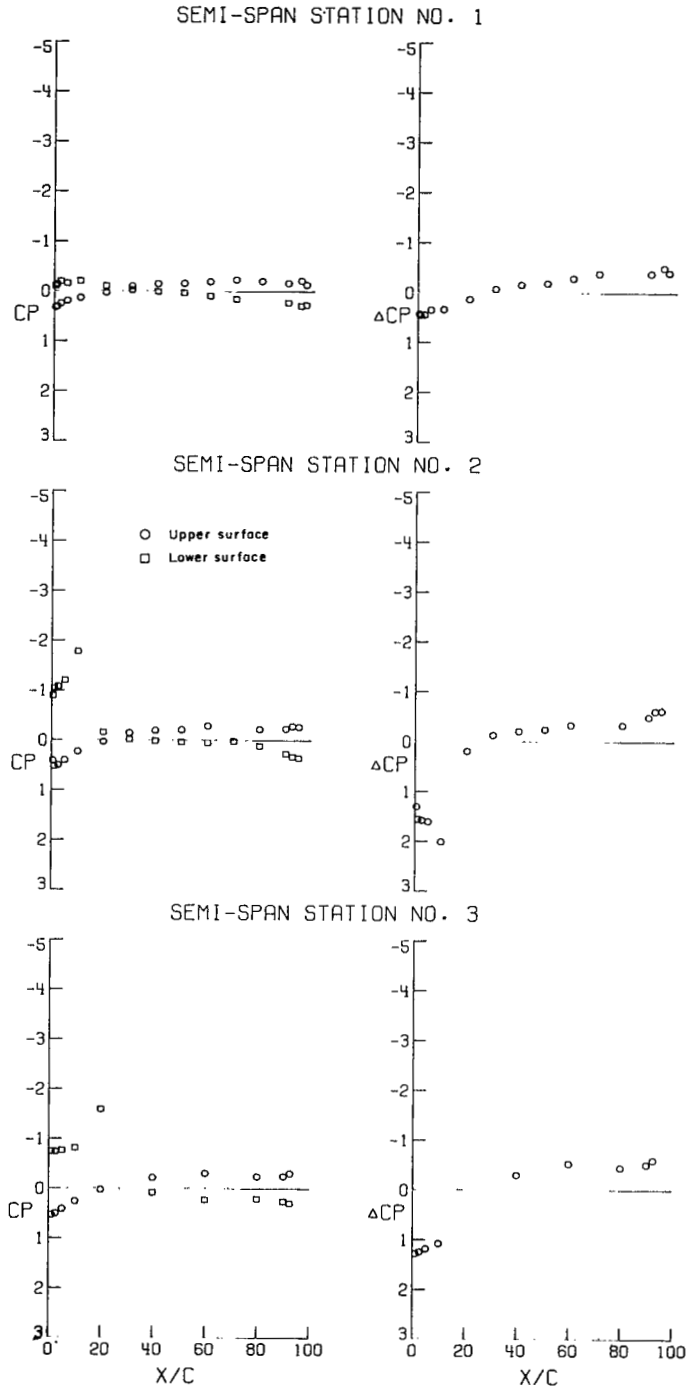
(g) $\alpha = 21.28^{o}$.

Figure 5.- Continued.



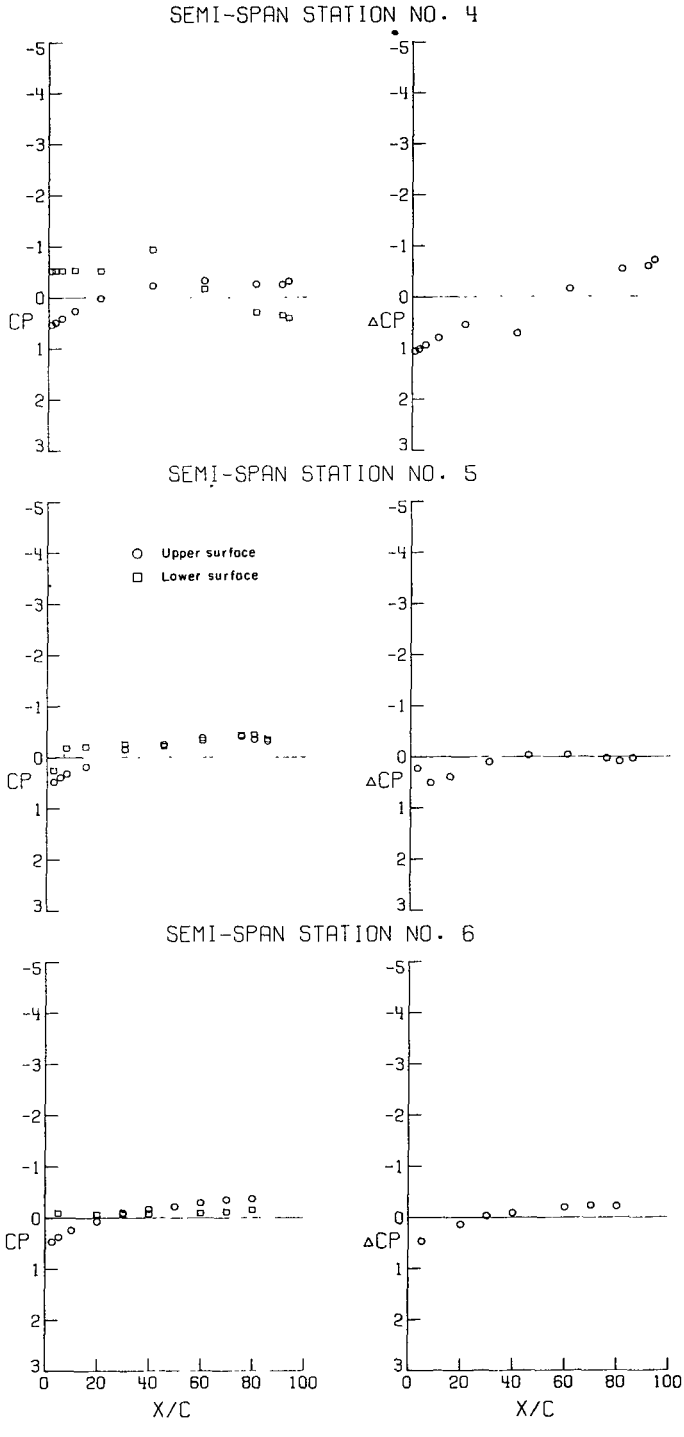
(g) Concluded.

Figure 5.- Concluded.



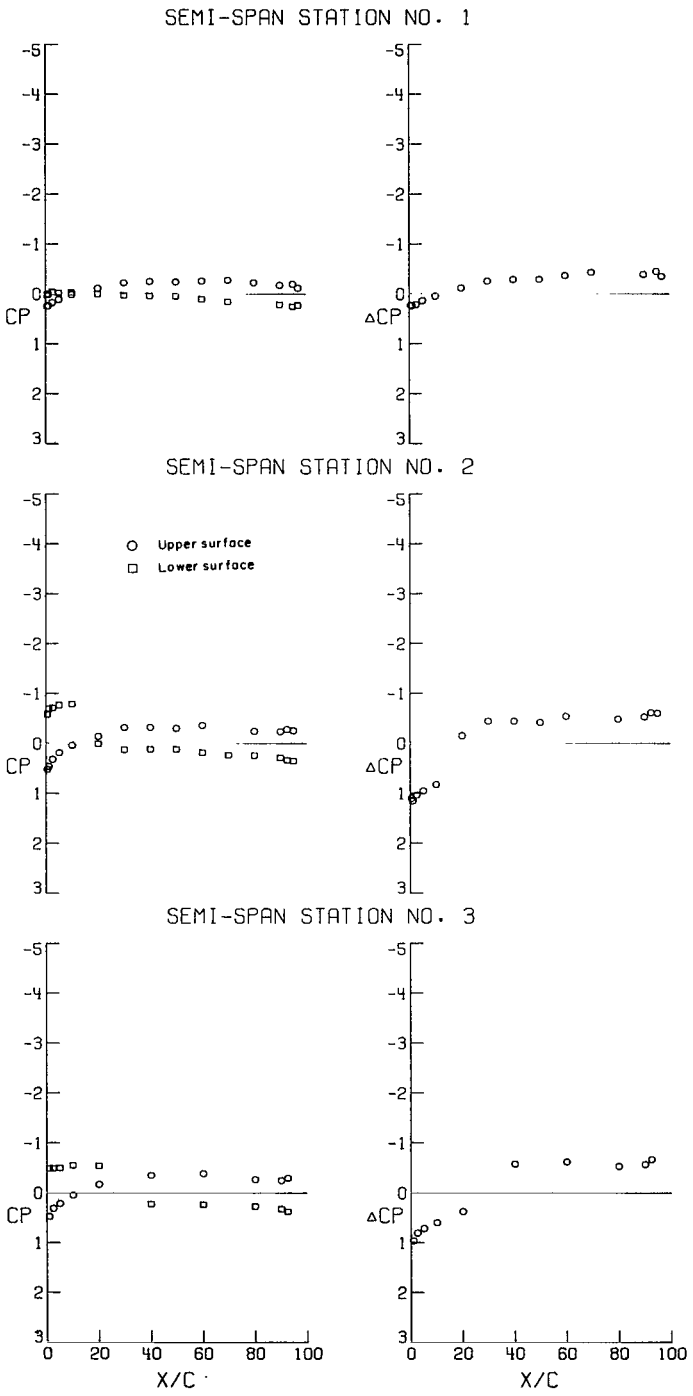
(a) α = -3.94°.

Figure 6.- Pressure distributions at a Mach number of 0.40 for the model with strakes on. $C_{L,d}$ = 0.70.



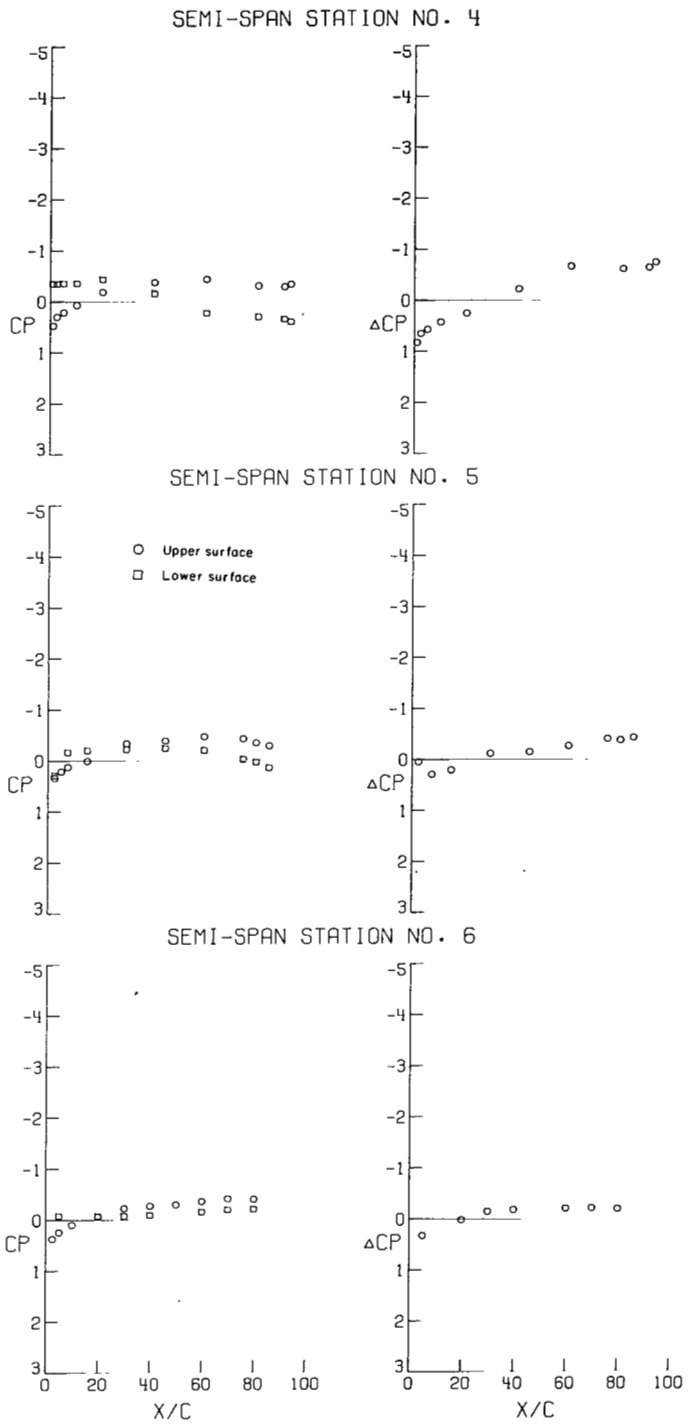
(a) Concluded.

Figure 6.- Continued.



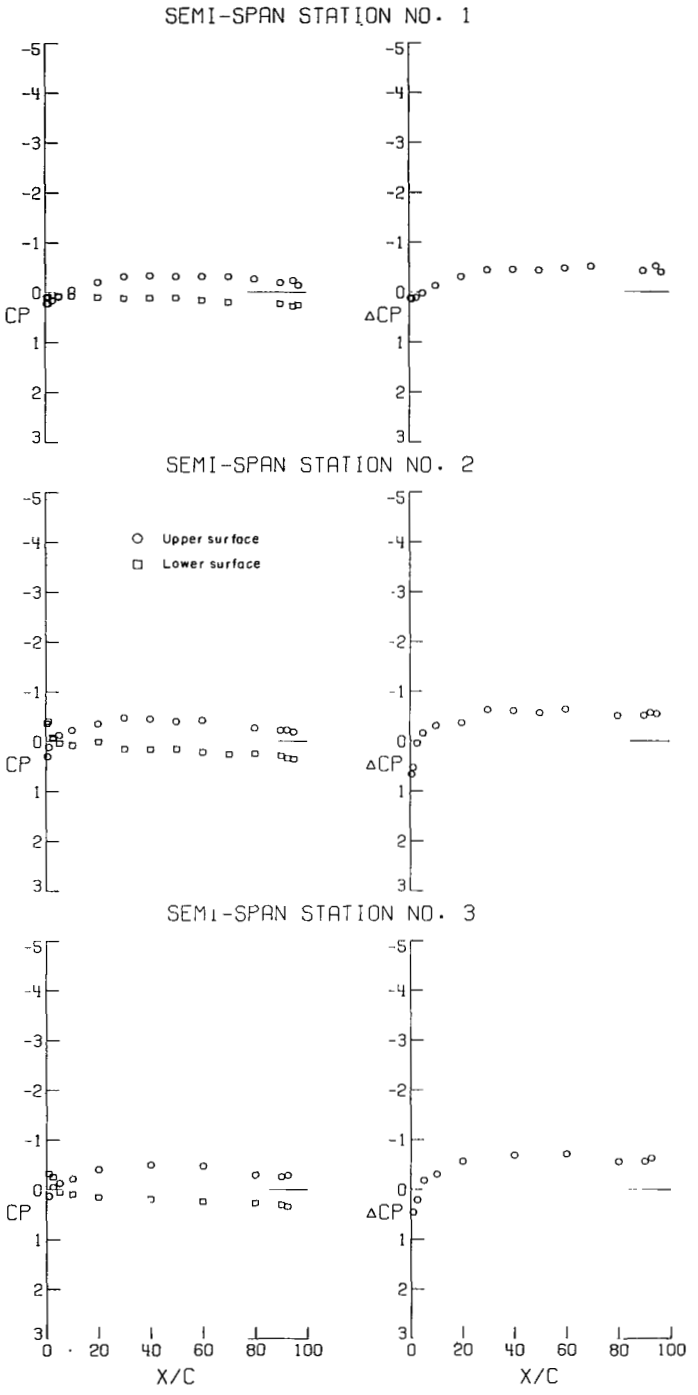
(b) $\alpha = 0.05^{o}$.

Figure 6.- Continued.



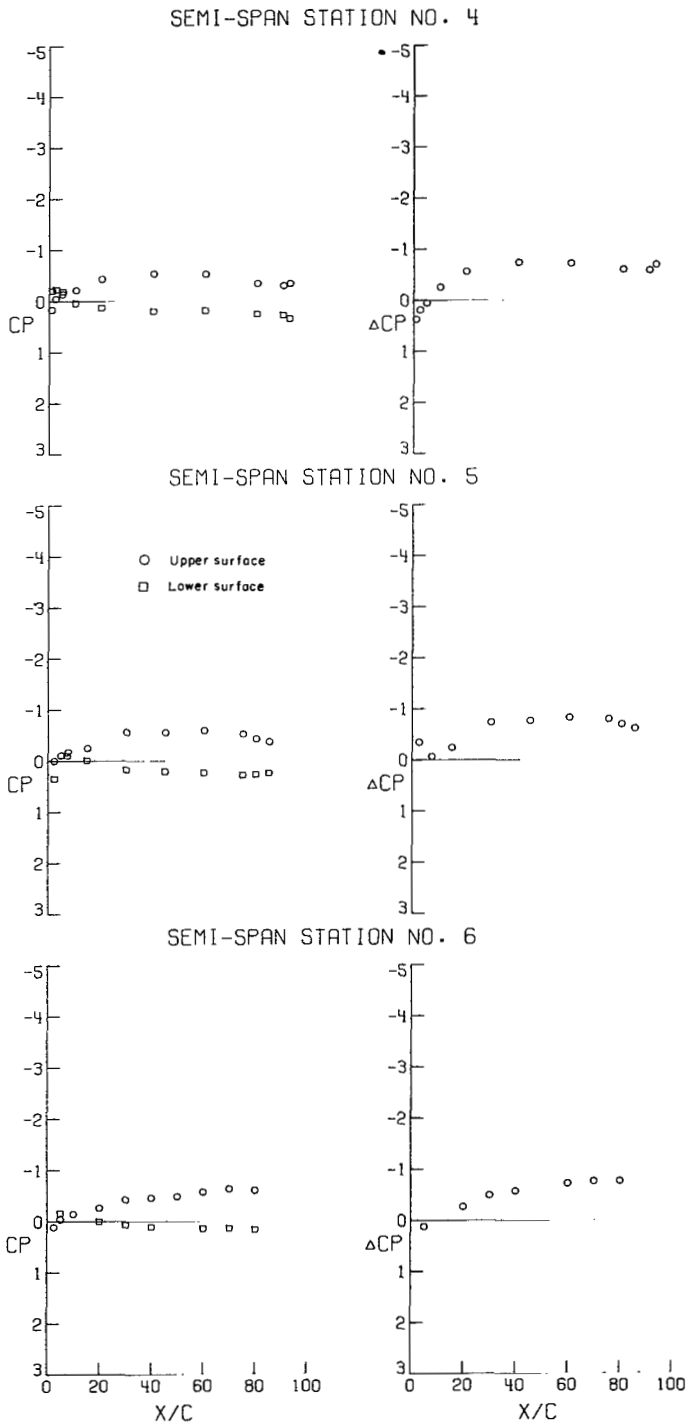
(b) Concluded.

Figure 6.- Continued.



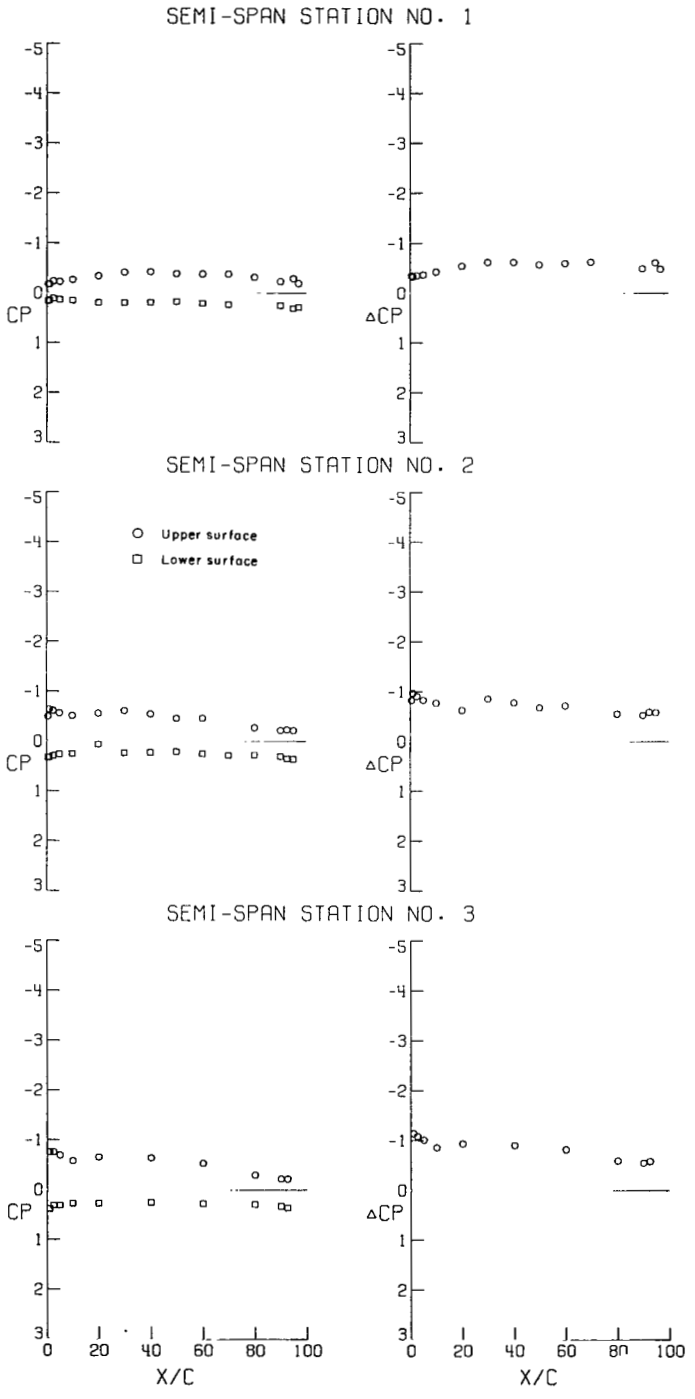
(c) $\alpha = 4.16^{\circ}$.

Figure 6.- Continued.



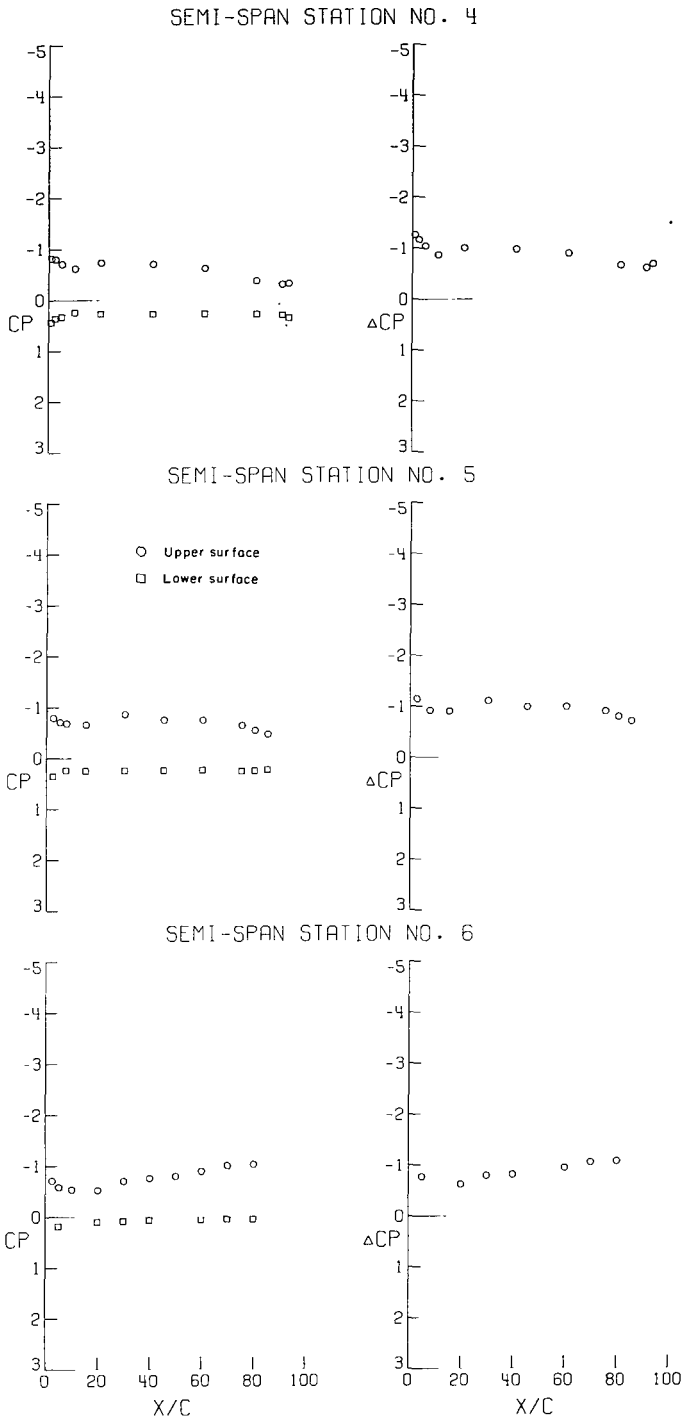
(c) Concluded.

Figure 6.- Continued.



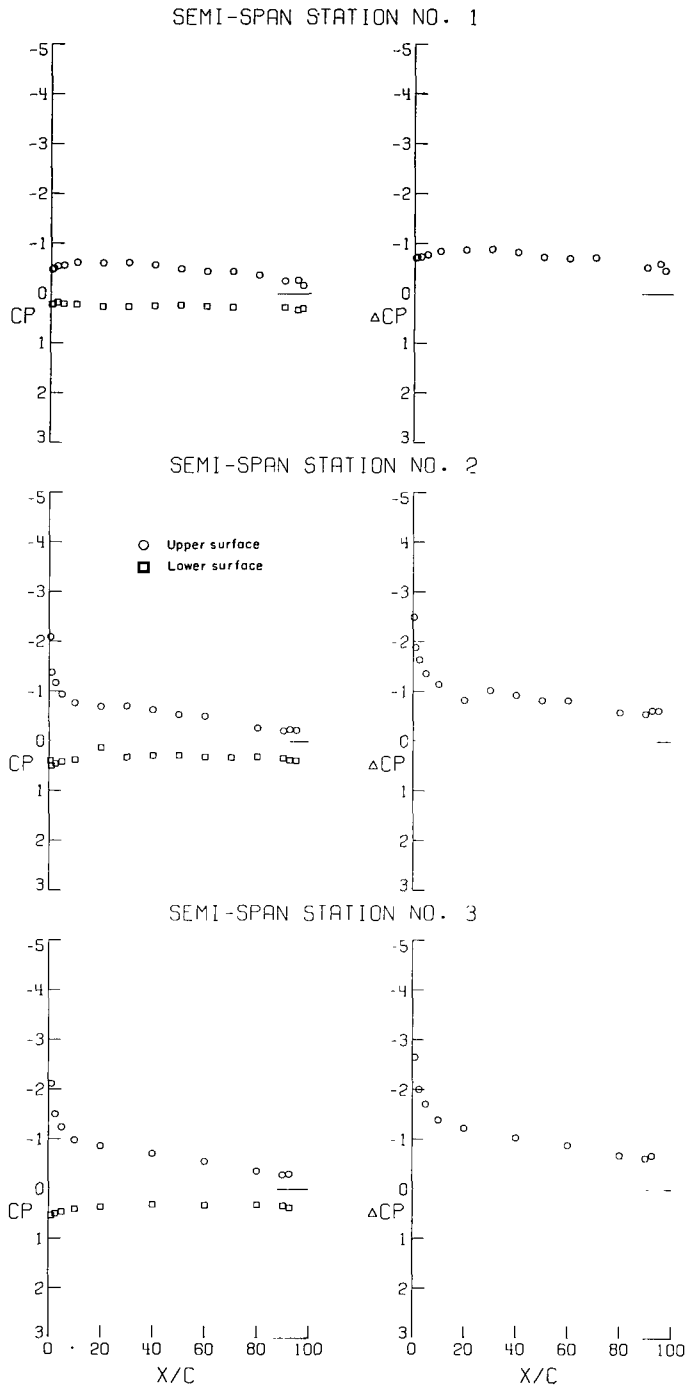
(d) $\alpha = 8.46^{o}$.

Figure 6.- Continued.



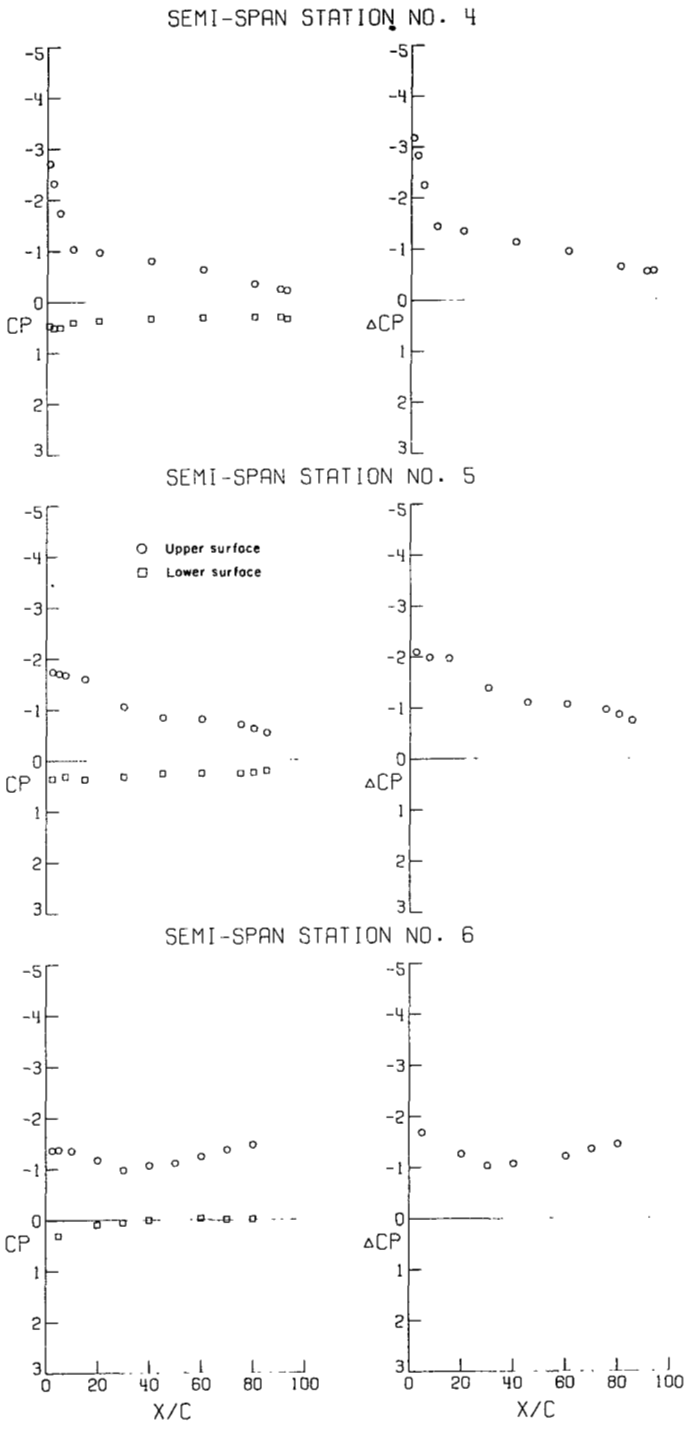
(d) Concluded.

Figure 6.- Continued.



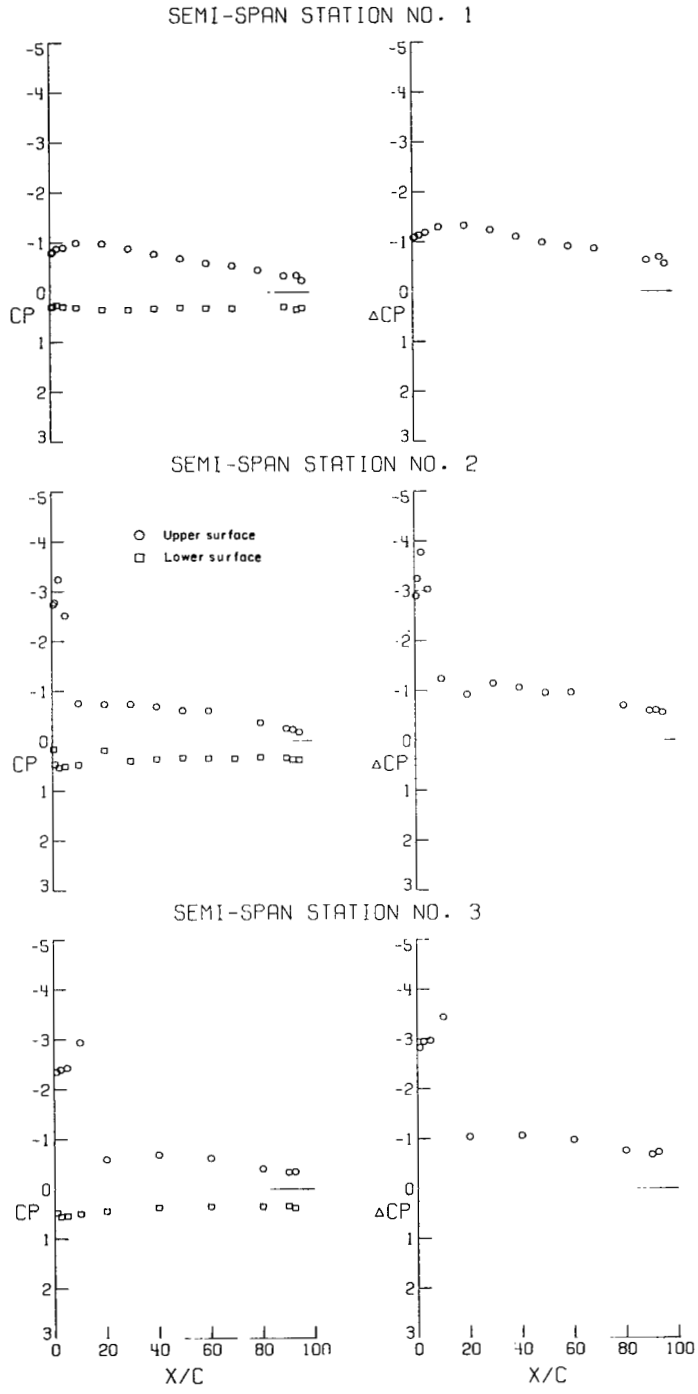
(e) $\alpha = 12.90^{o}$.

Figure 6.- Continued.



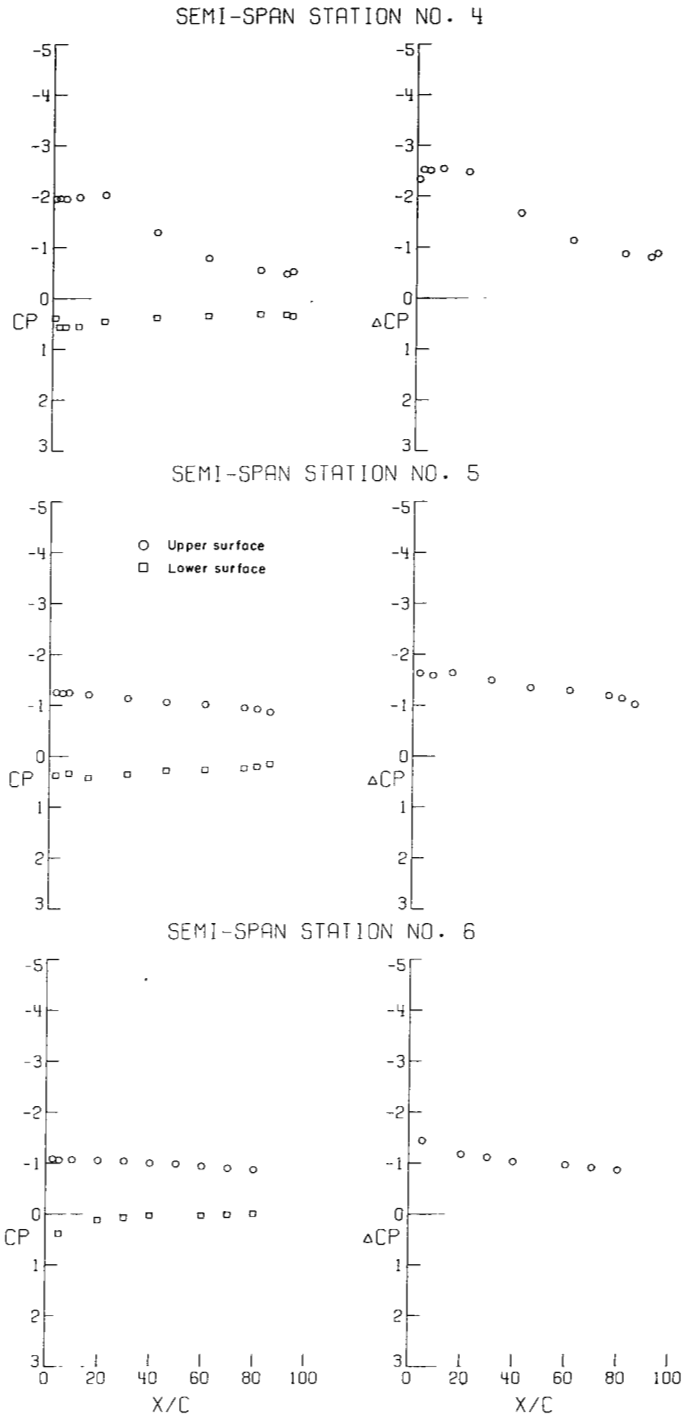
(e) Concluded.

Figure 6.- Continued.



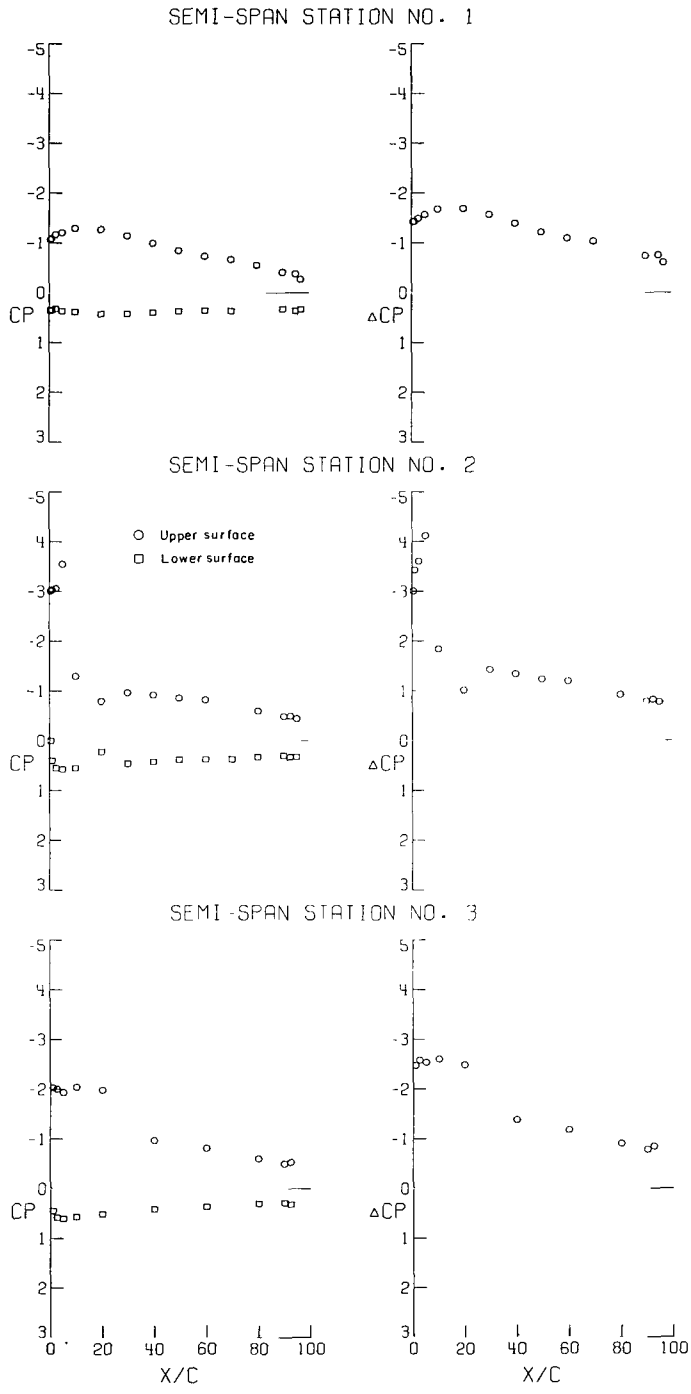
(f) $\alpha = 17.42^{o}$.

Figure 6.- Continued.



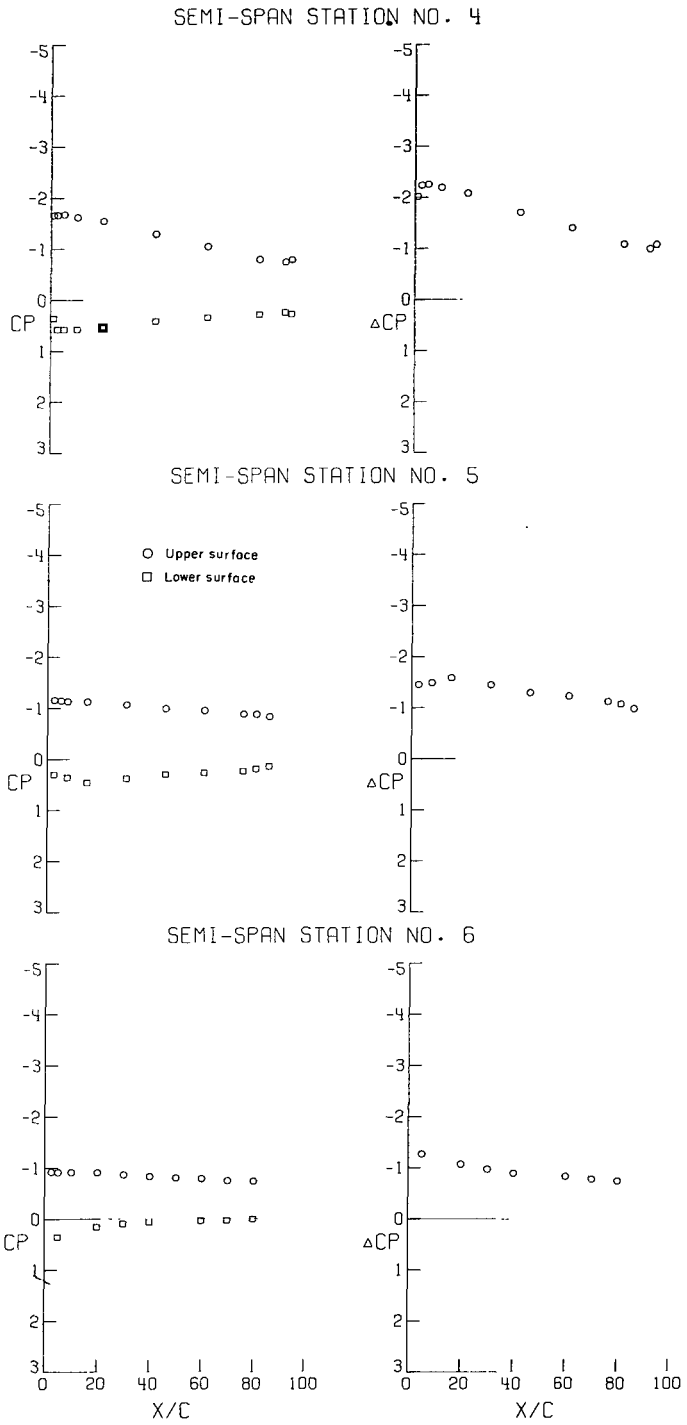
(f) Concluded.

Figure 6.- Continued.



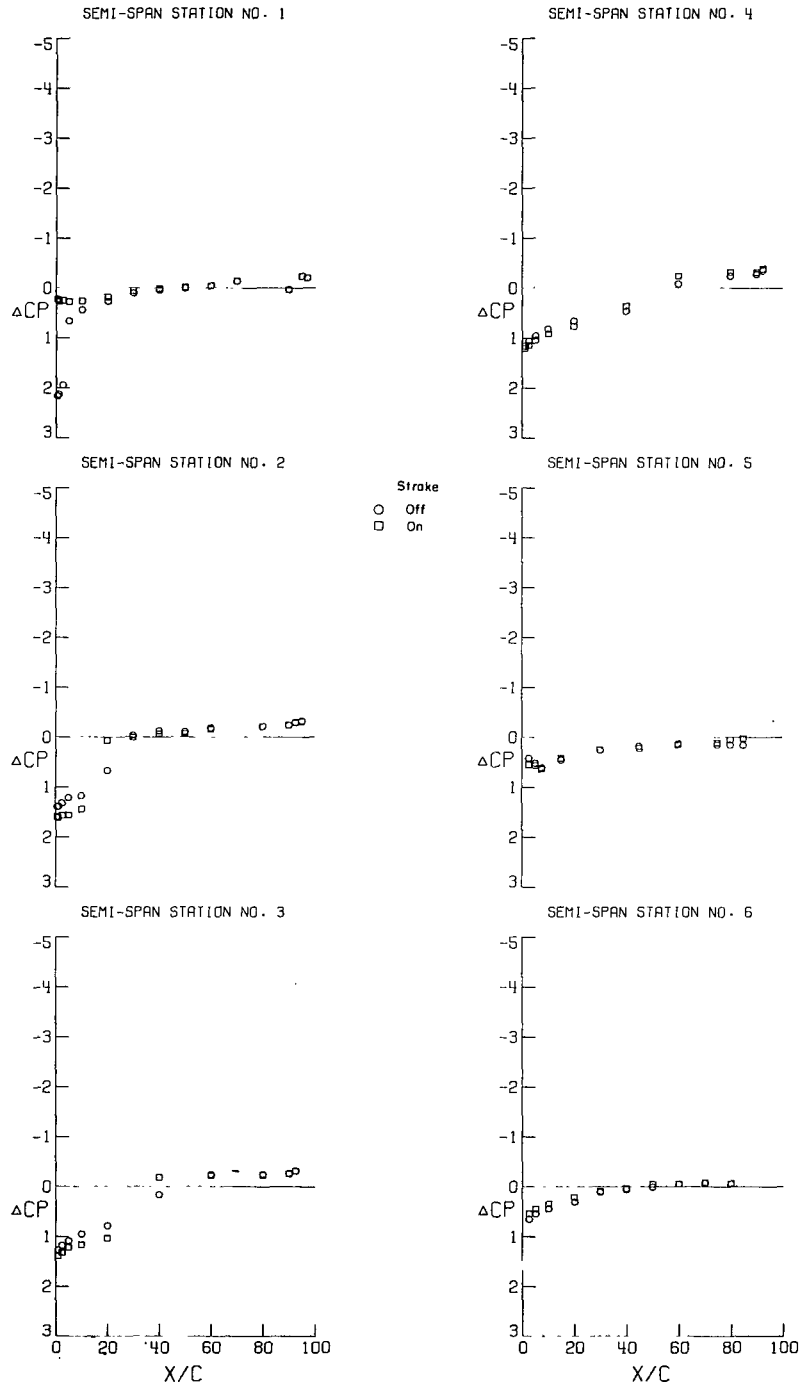
(g) $\alpha = 21.77^{o}$.

Figure 6.- Continued.



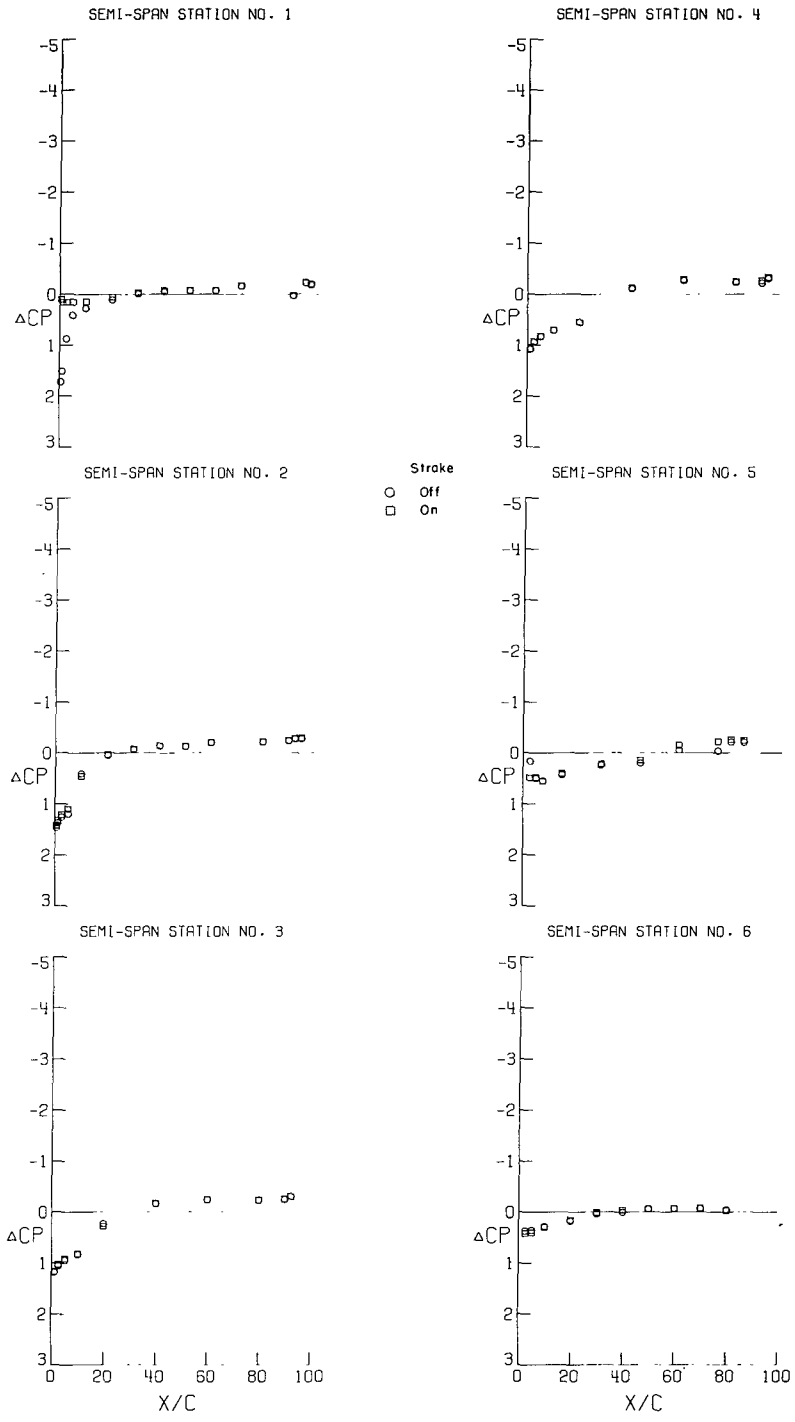
(g) Concluded.

Figure 6.- Concluded.



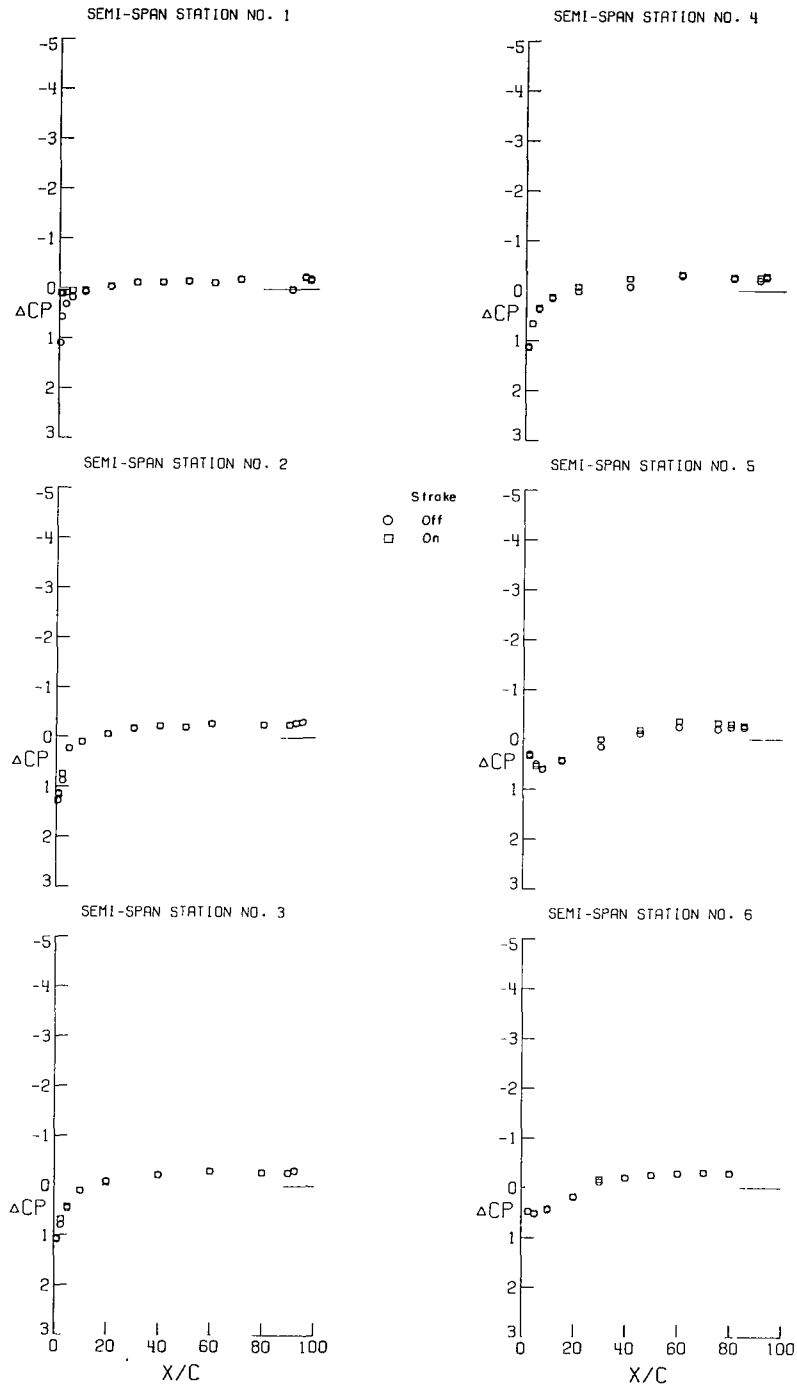
(a) α = -3.92°.

Figure 7.- Effect of strakes on the incremental pressure coefficients at a Mach number of 0.40. $C_{L,d}$ = 0.35.



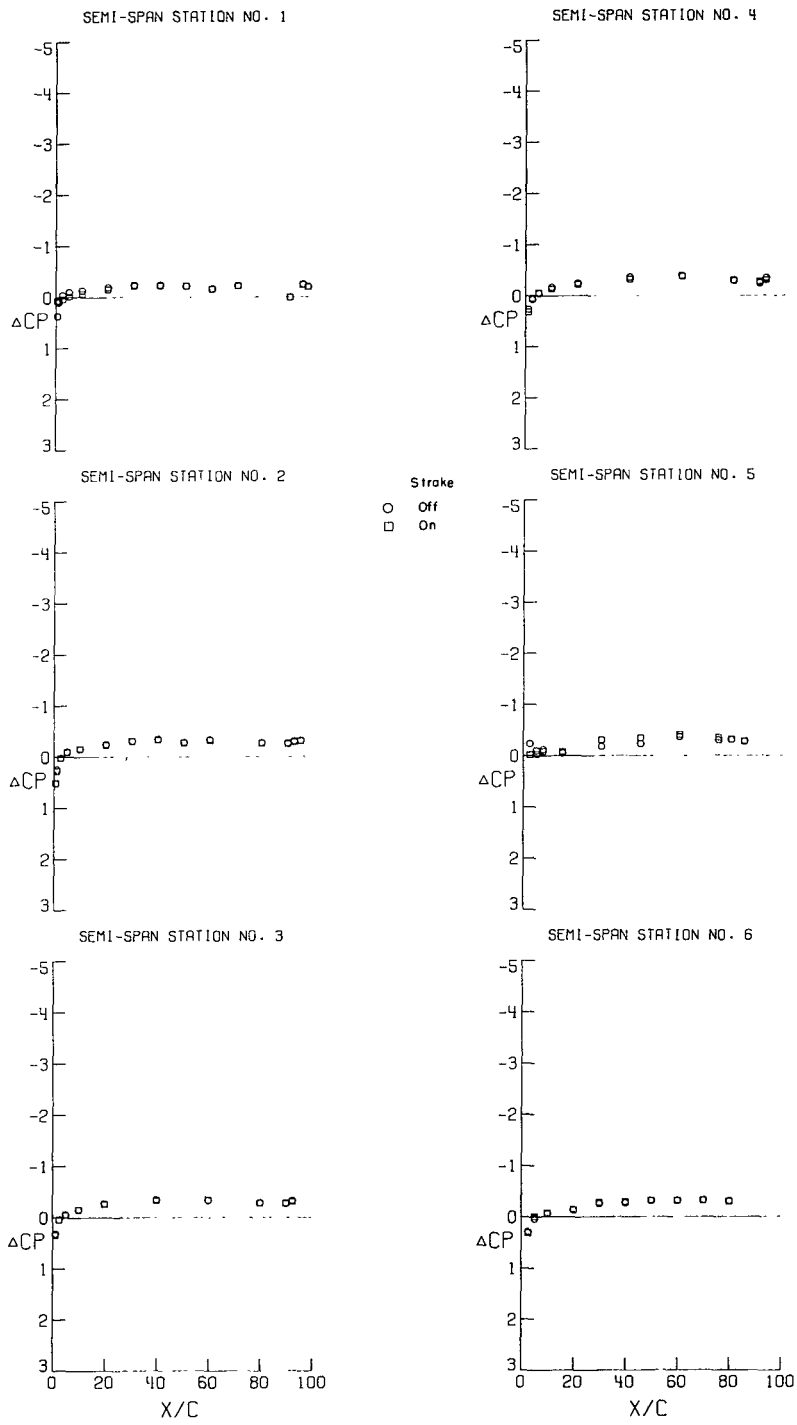
(b) α = -1.92°.

Figure 7.- Continued.



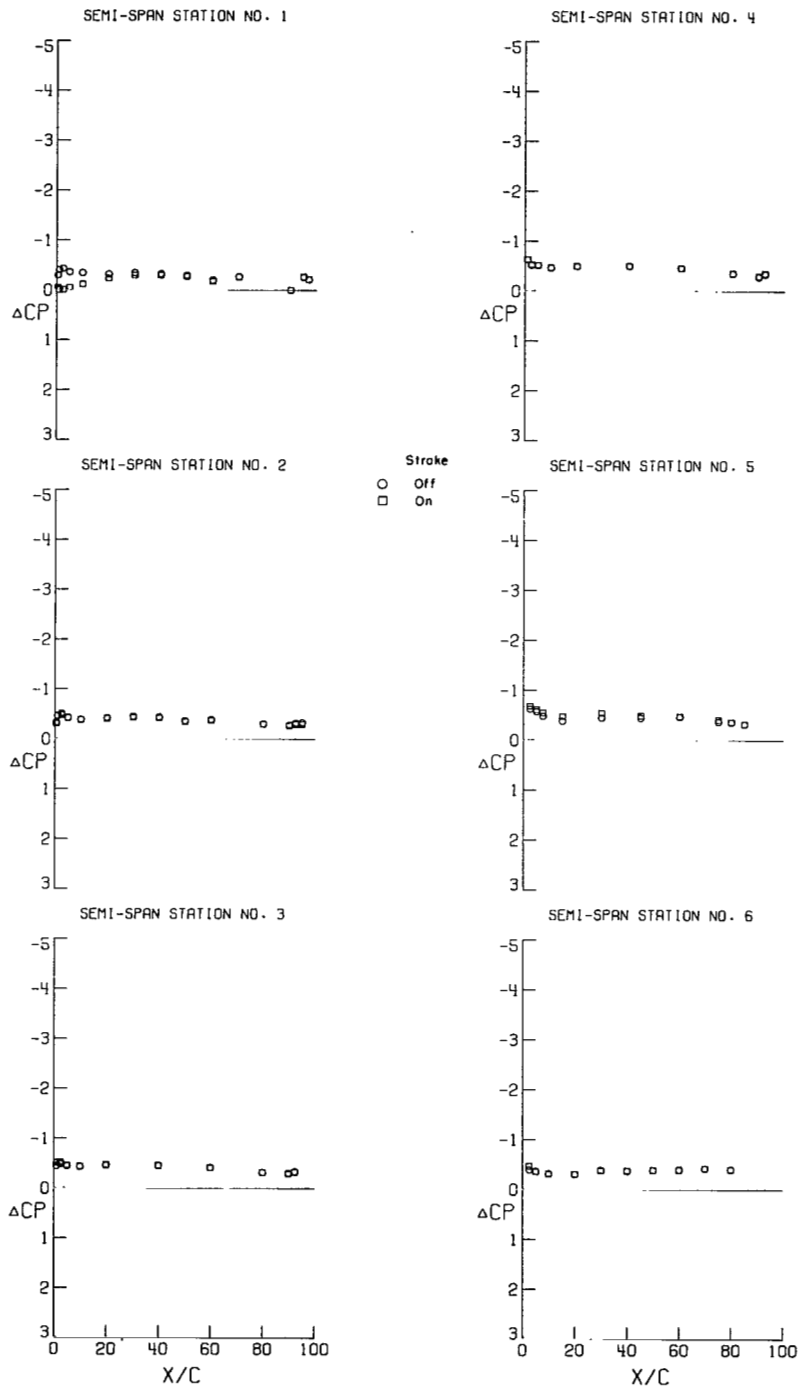
(c) $\alpha = 0.03^{o}$.

Figure 7.- Continued.



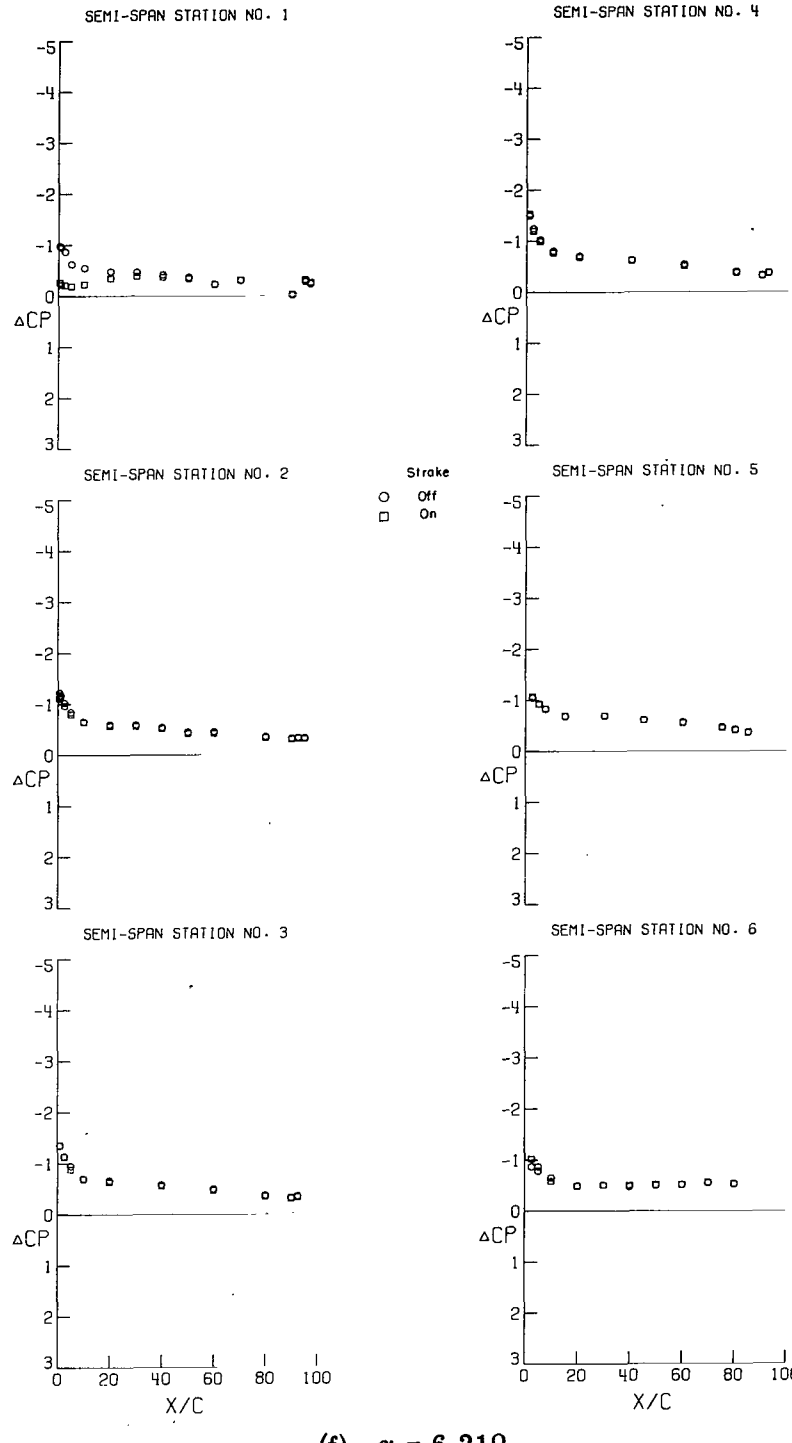
(d) $\alpha = 2.08^{o}$.

Figure 7.- Continued.



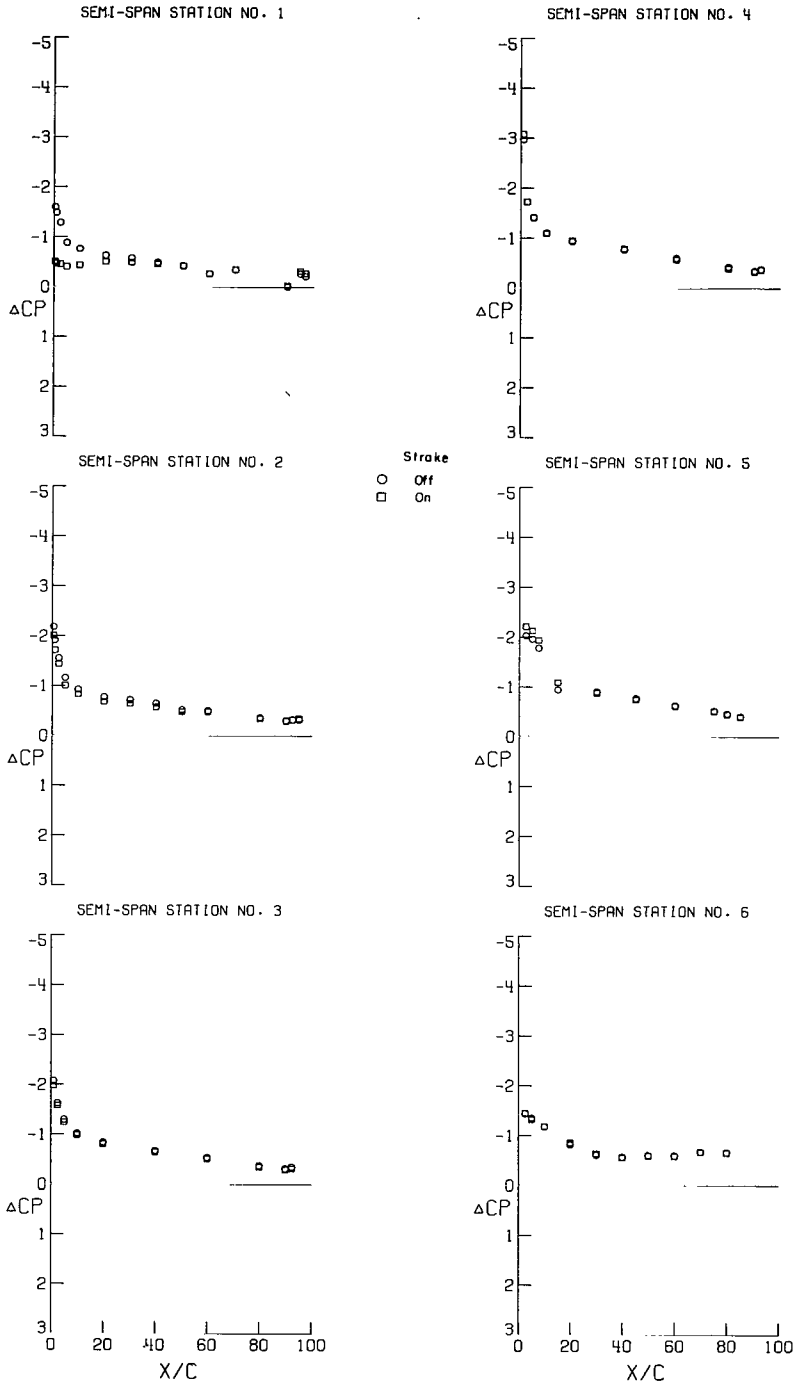
(e) $\alpha = 4.09^{o}$.

Figure 7.- Continued.



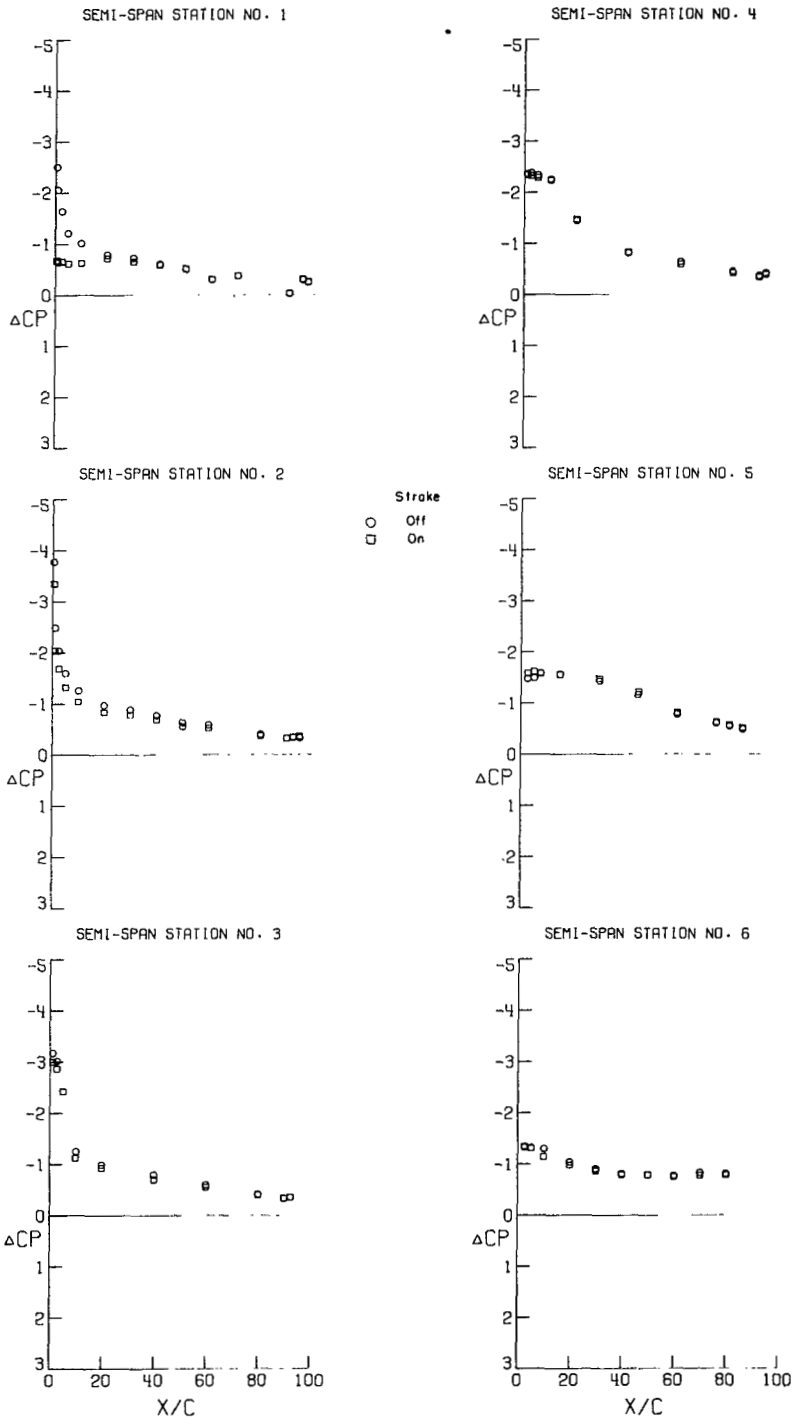
(f) $\alpha = 6.21^{o}$.

Figure 7.- Continued.



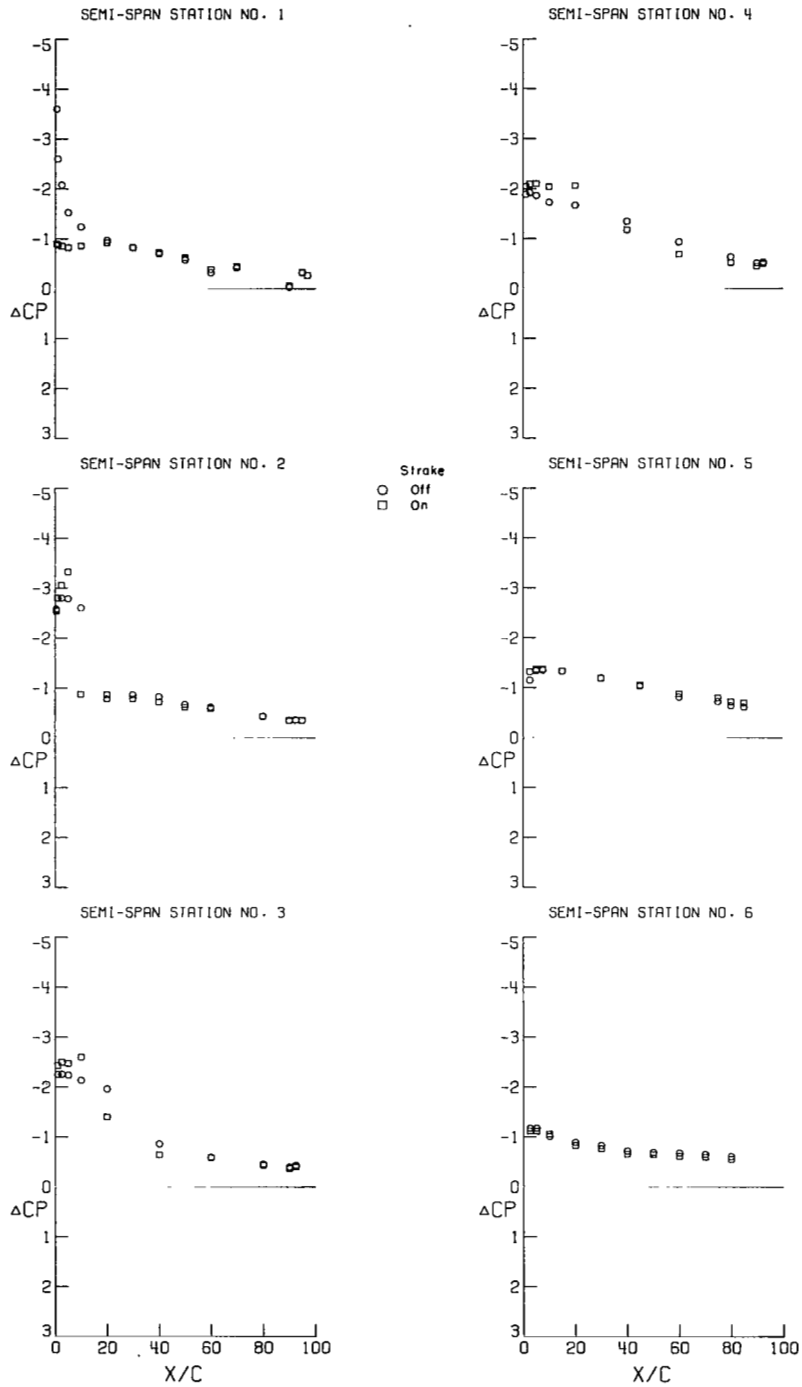
(g) $\alpha = 8.35^{o}$.

Figure 7.- Continued.



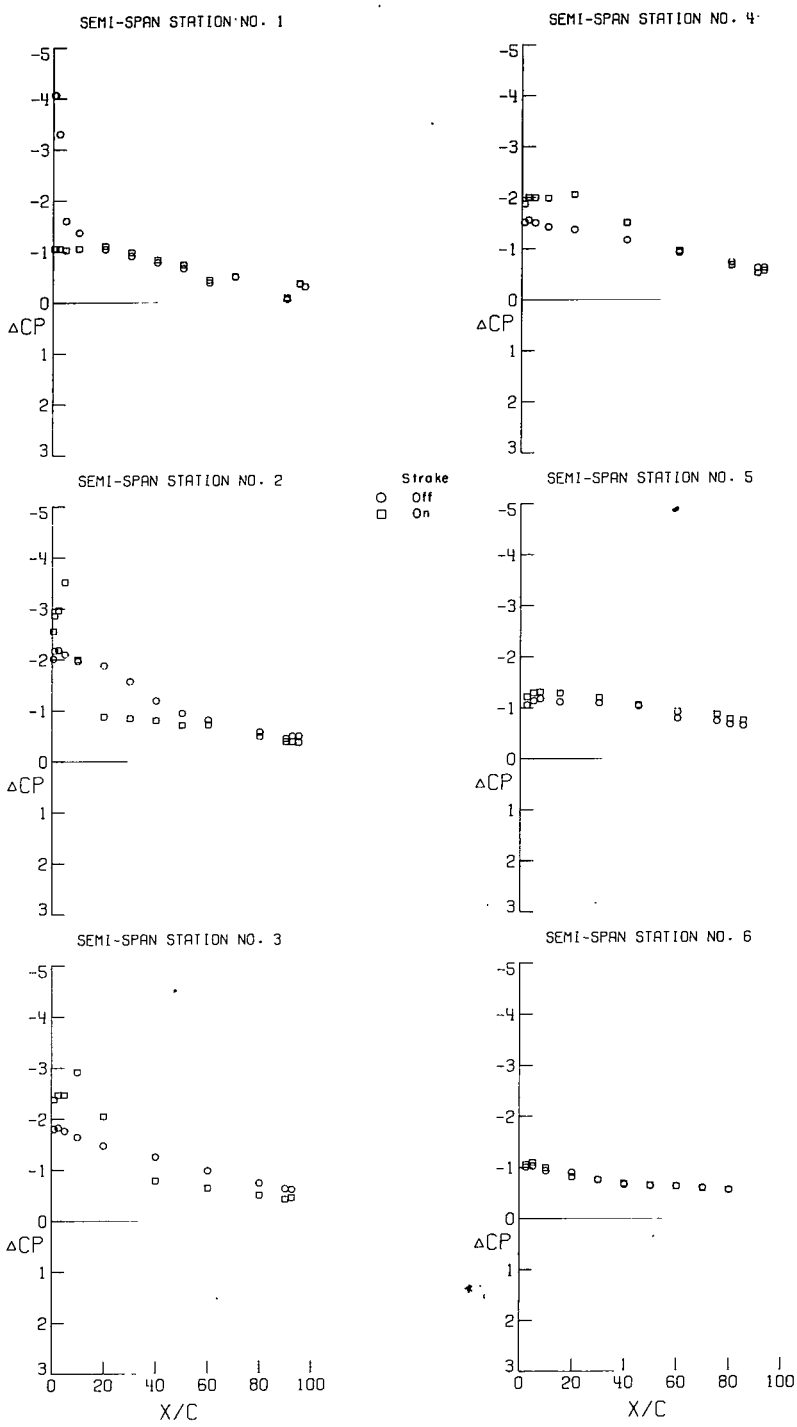
(h) $\alpha = 10.56^{o}$.

Figure 7.- Continued.



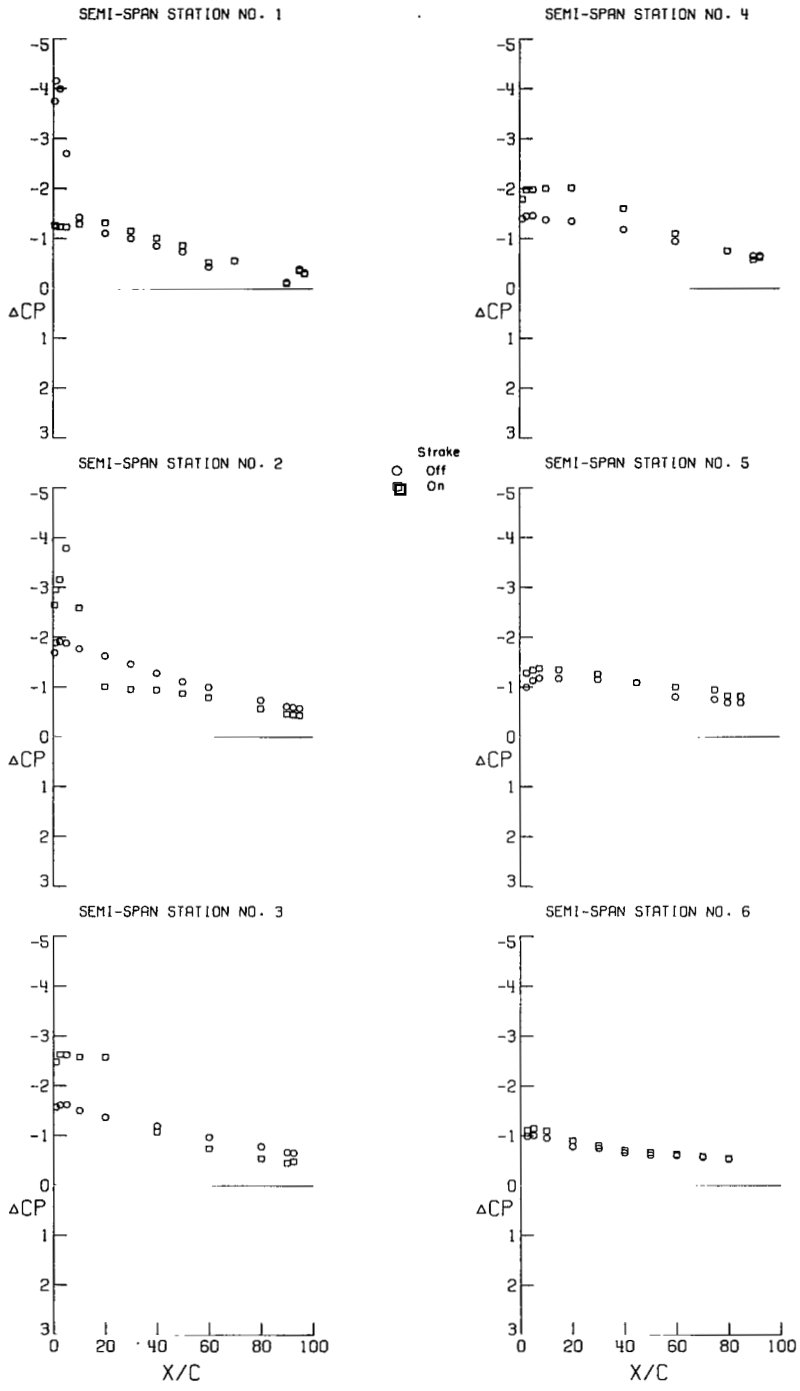
(i) $\alpha = 12.78^{o}$.

Figure 7.- Continued.



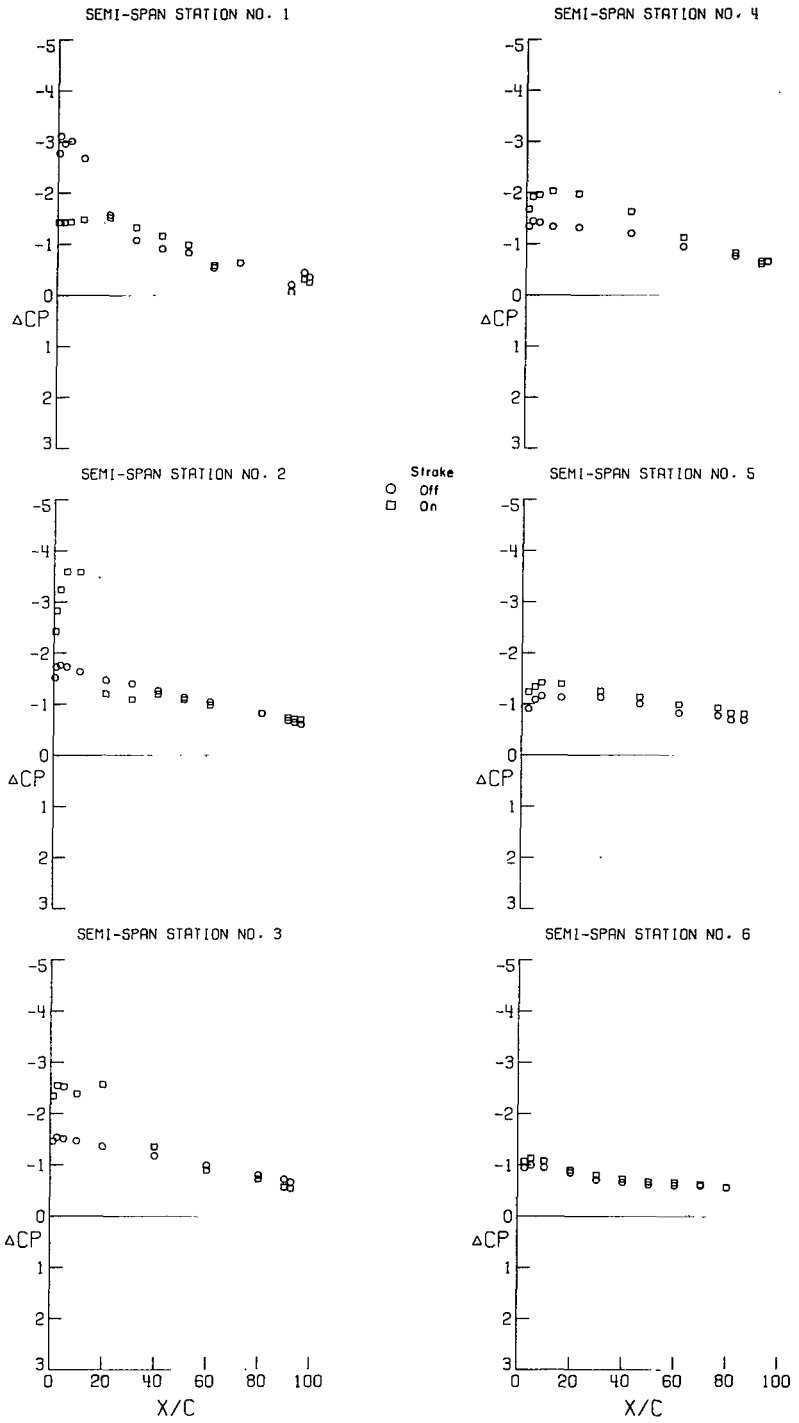
(j) $\alpha = 15.06^{o}$.

Figure 7.- Continued.



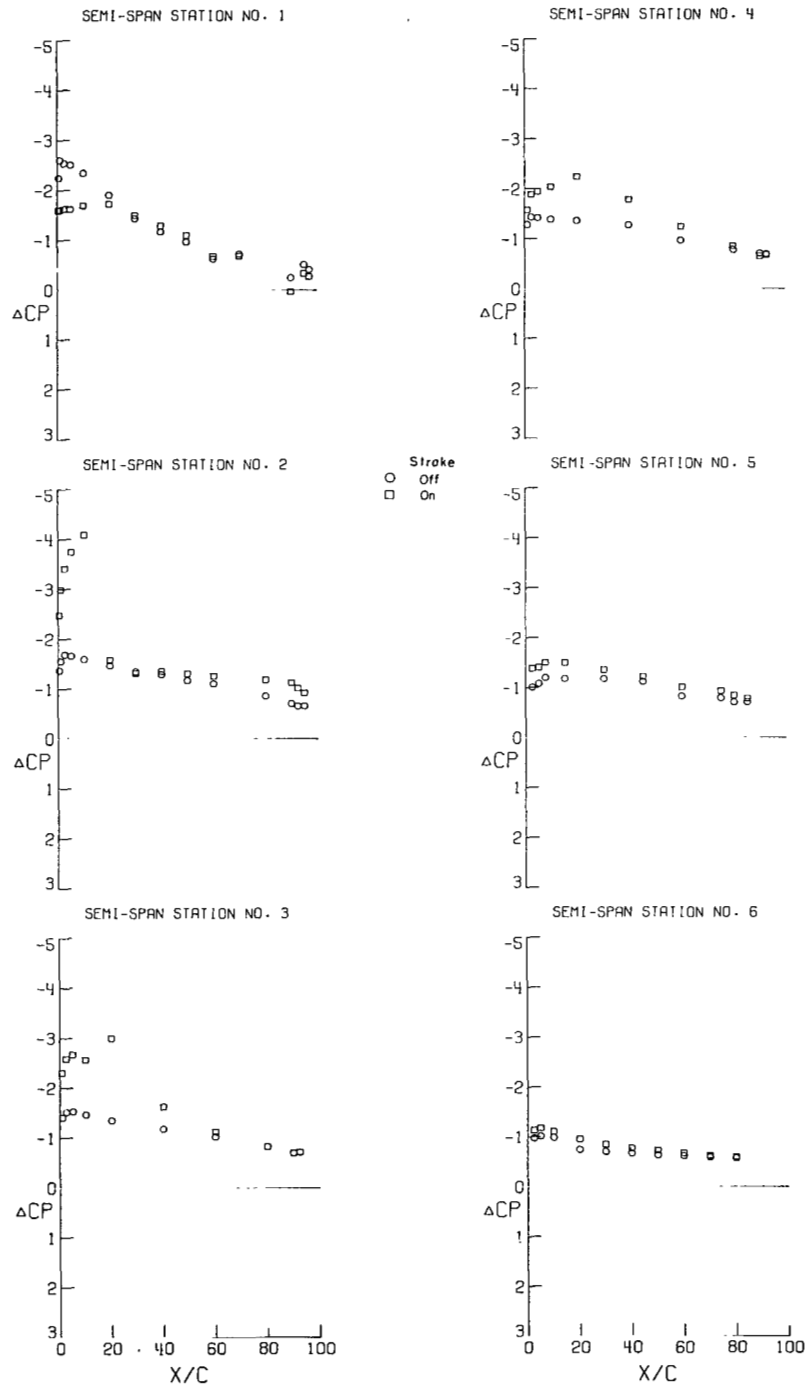
(k) $\alpha = 17.21^{o}$.

Figure 7.- Continued.



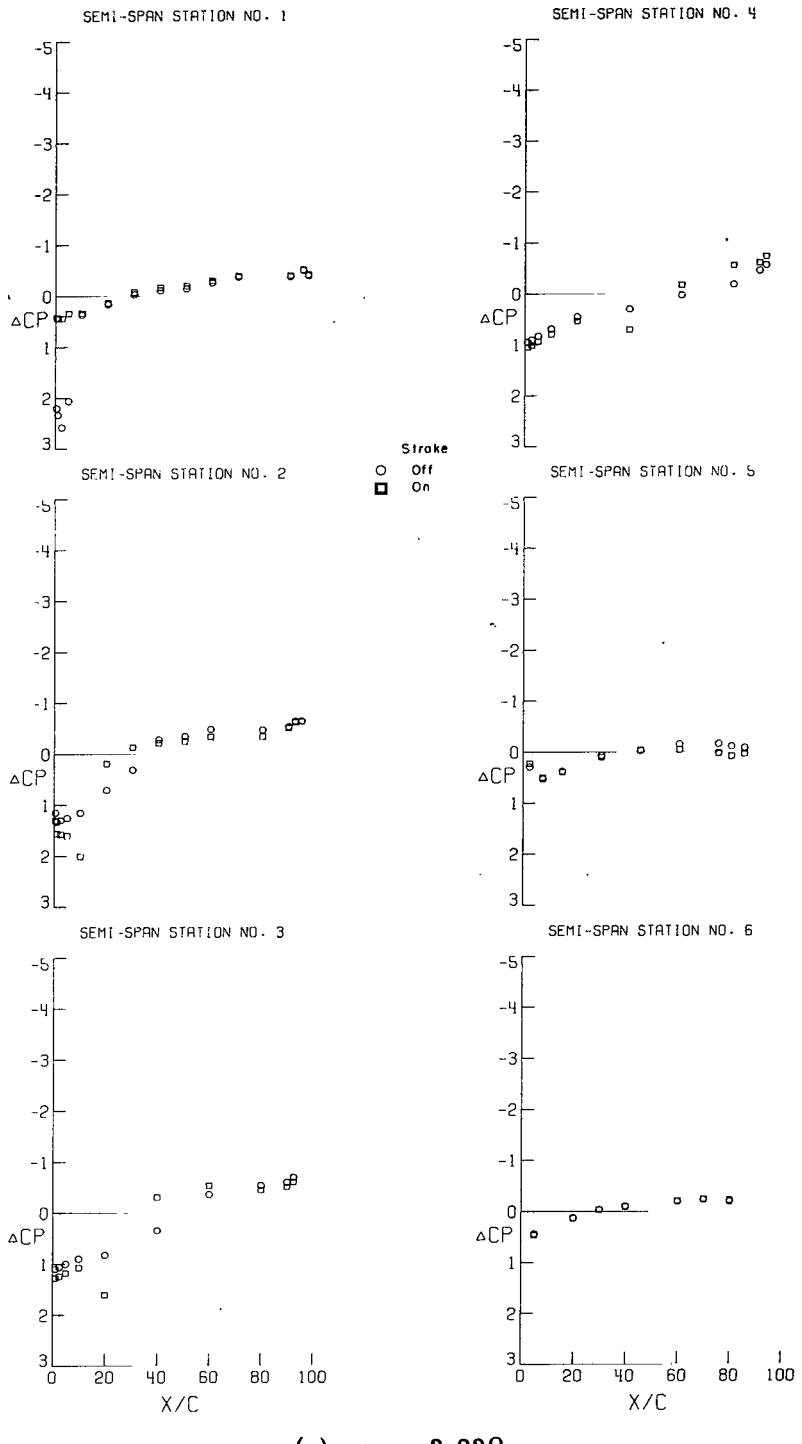
(l) $\alpha = 19.37^{o}$.

Figure 7.- Continued.



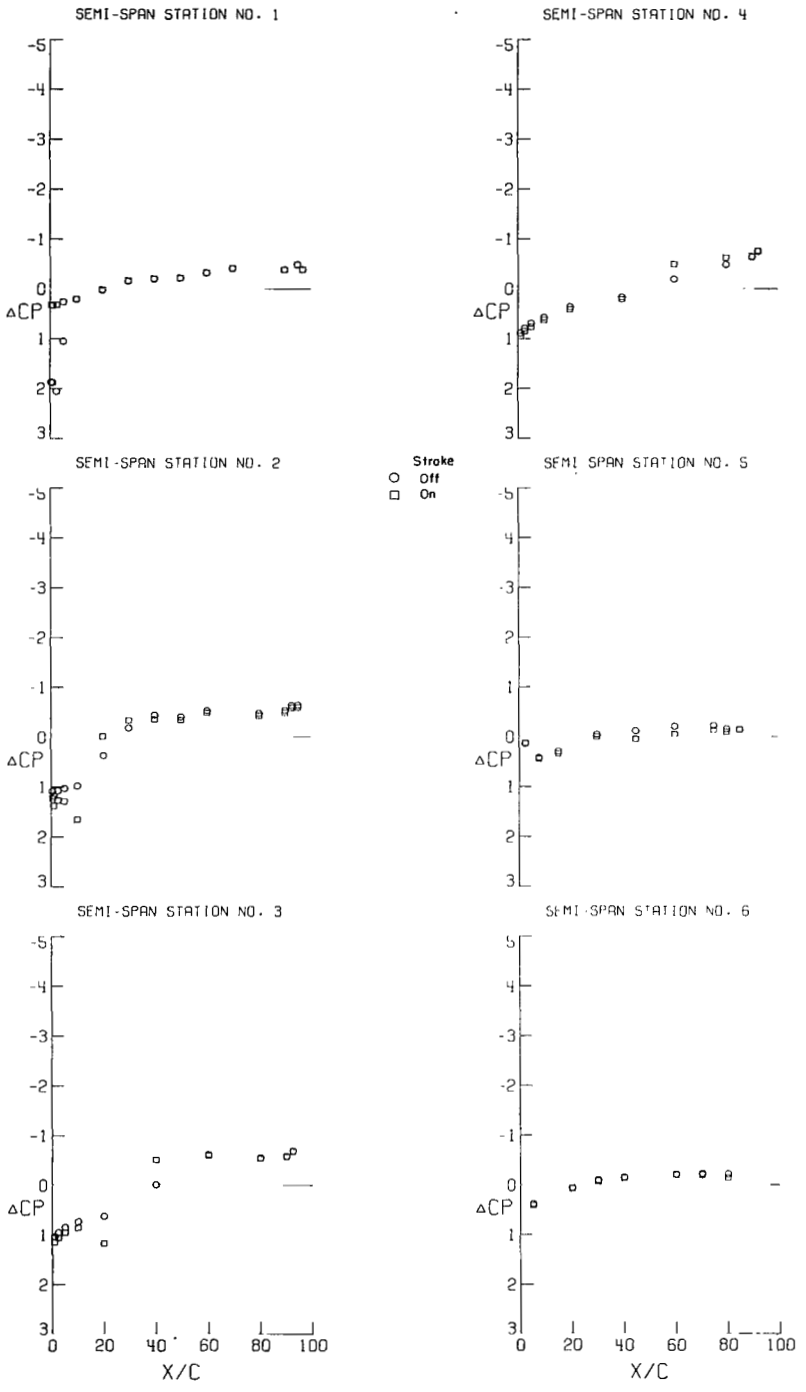
(m) $\alpha = 21.50^{o}$.

Figure 7.- Concluded.



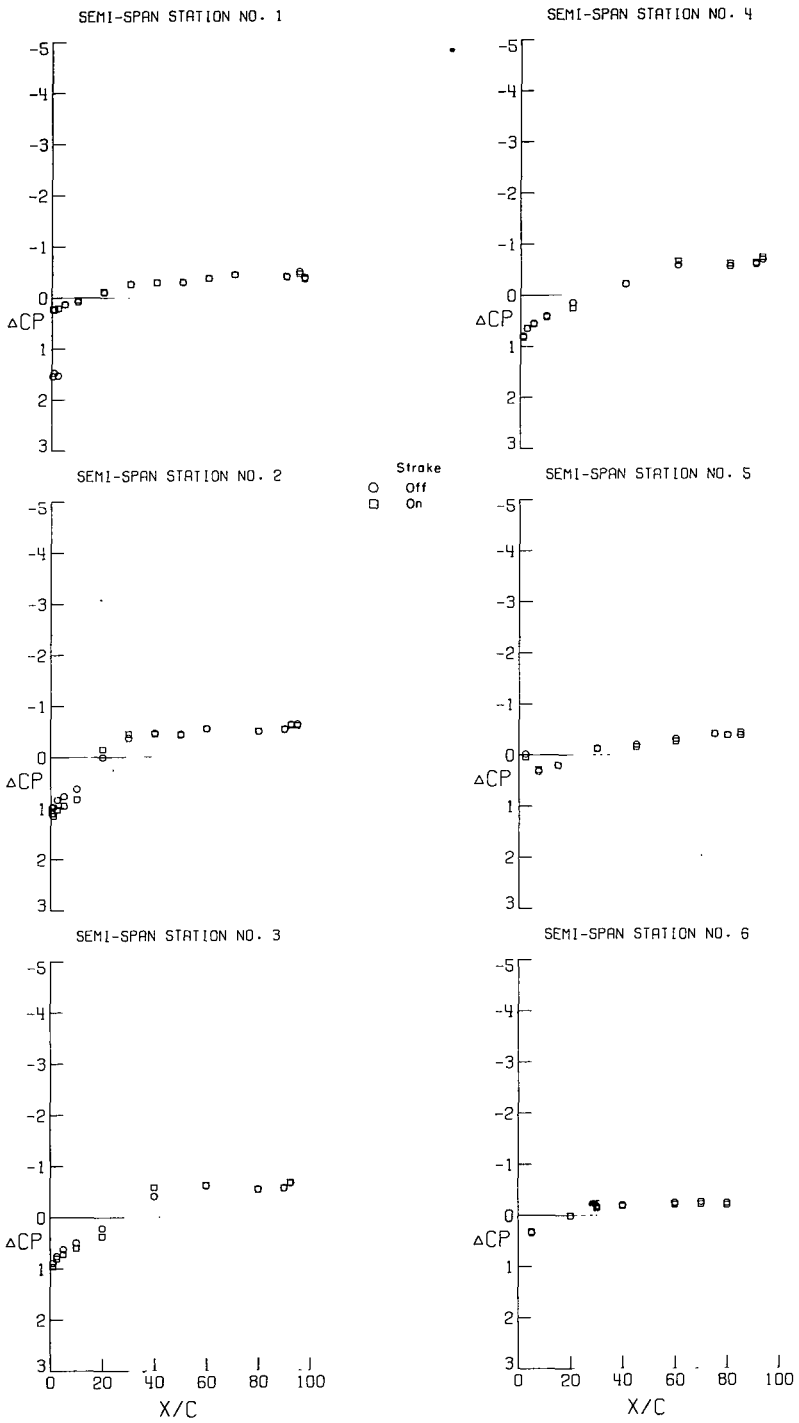
(a) α = -3.93°.

Figure 8.- Effect of strakes on the incremental pressure coefficients at a Mach number of 0.40. $C_{L,d}$ = 0.70.



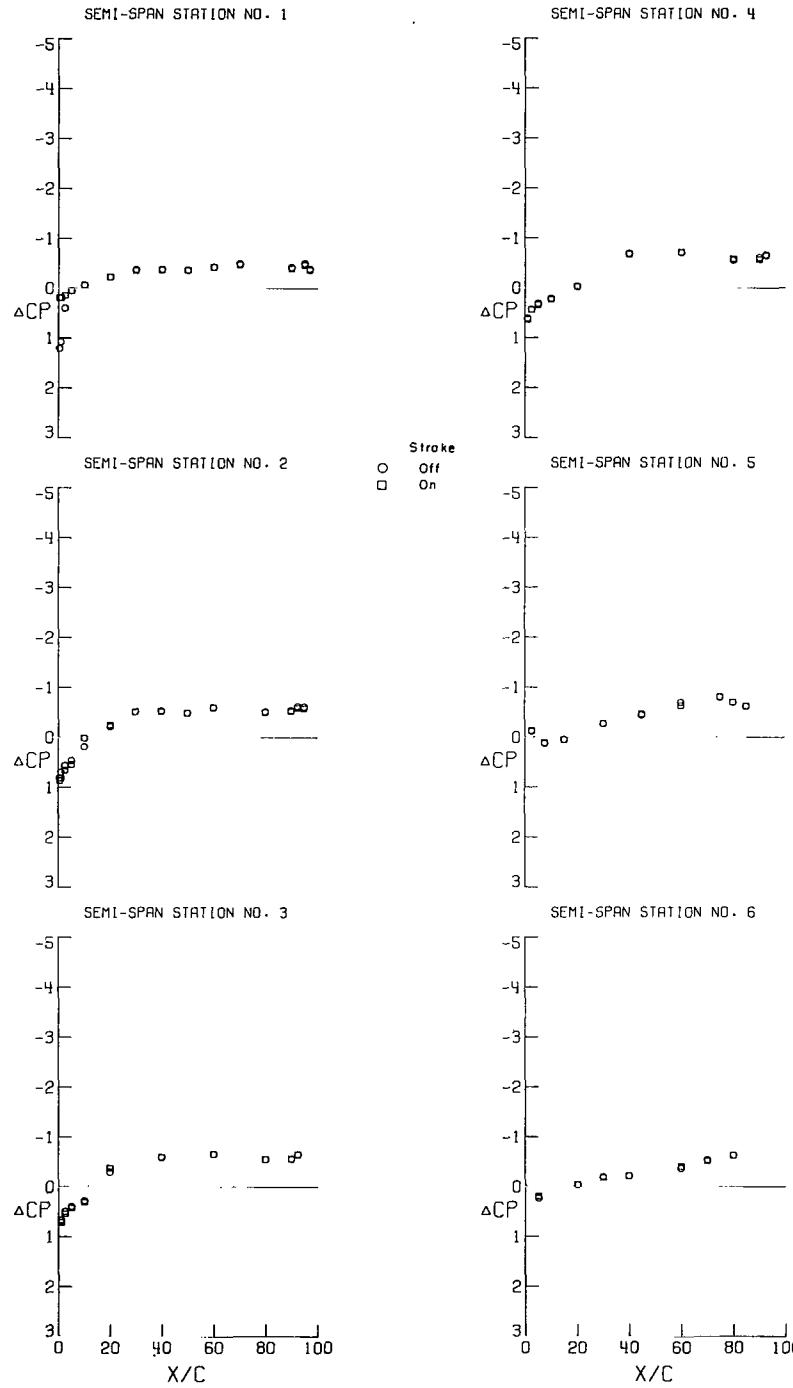
(b) α = -1.95°.

Figure 8.- Continued.



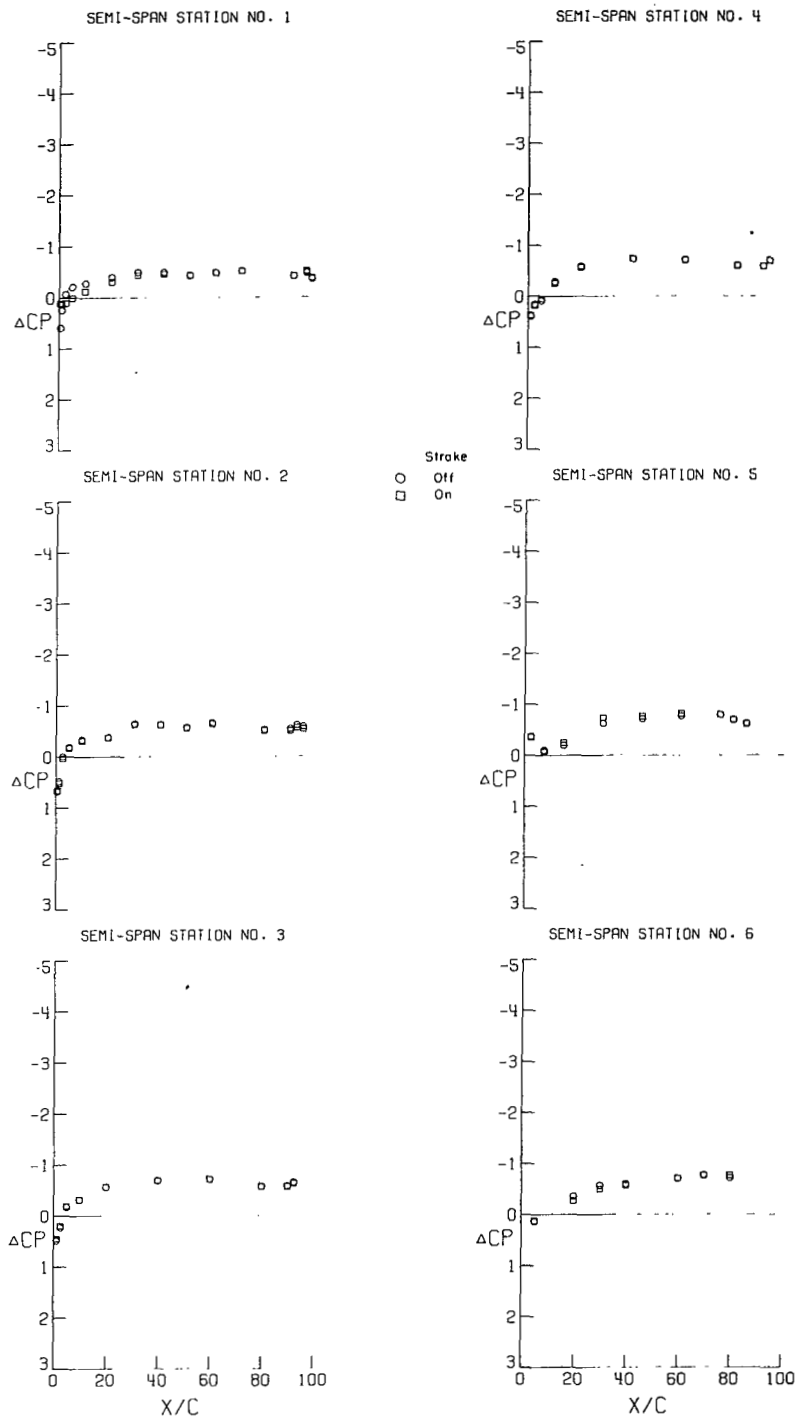
(c) $\alpha = 0.05^{o}$.

Figure 8.- Continued.



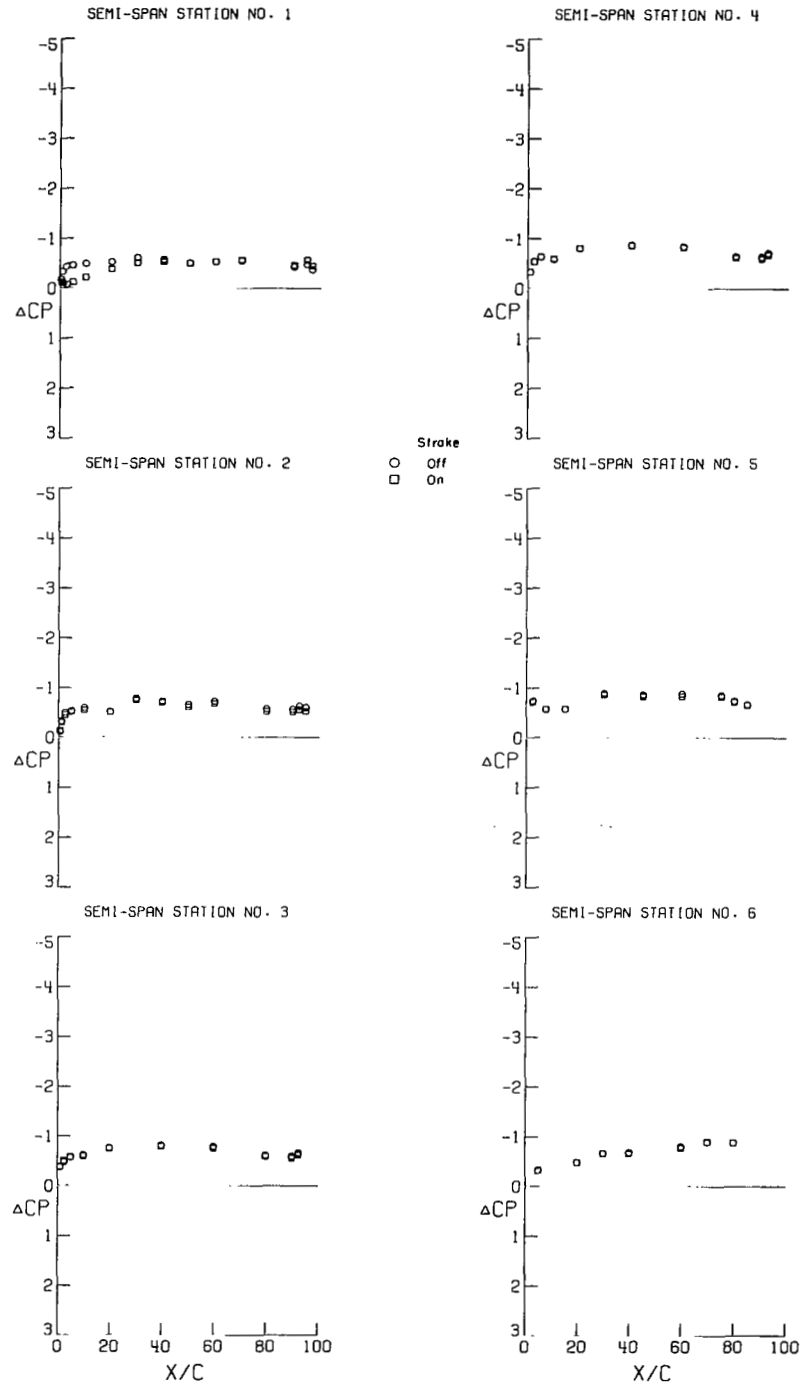
(d) $\alpha = 2.08^{o}$.

Figure 8.- Continued.



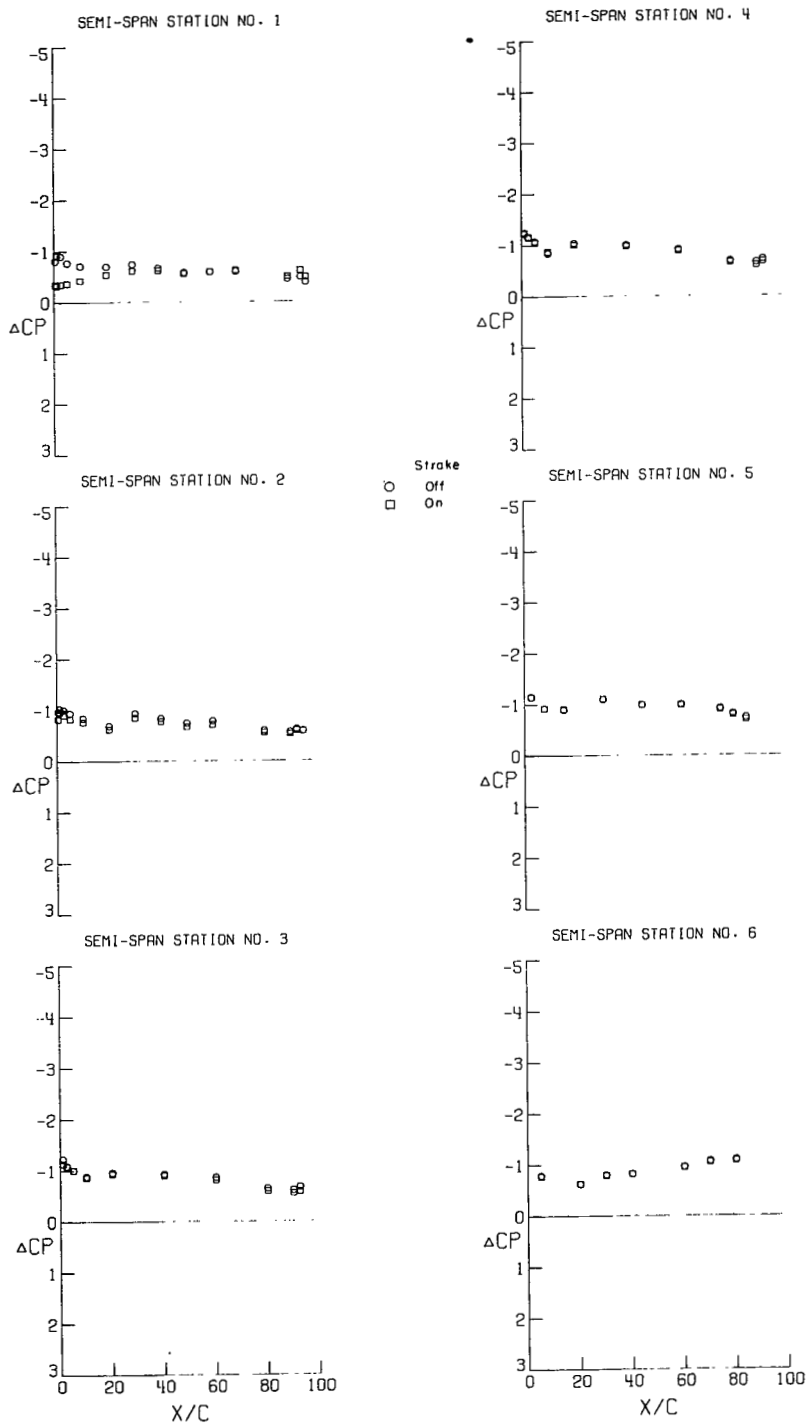
(e) $\alpha = 4.15^{o}$.

Figure 8.- Continued.



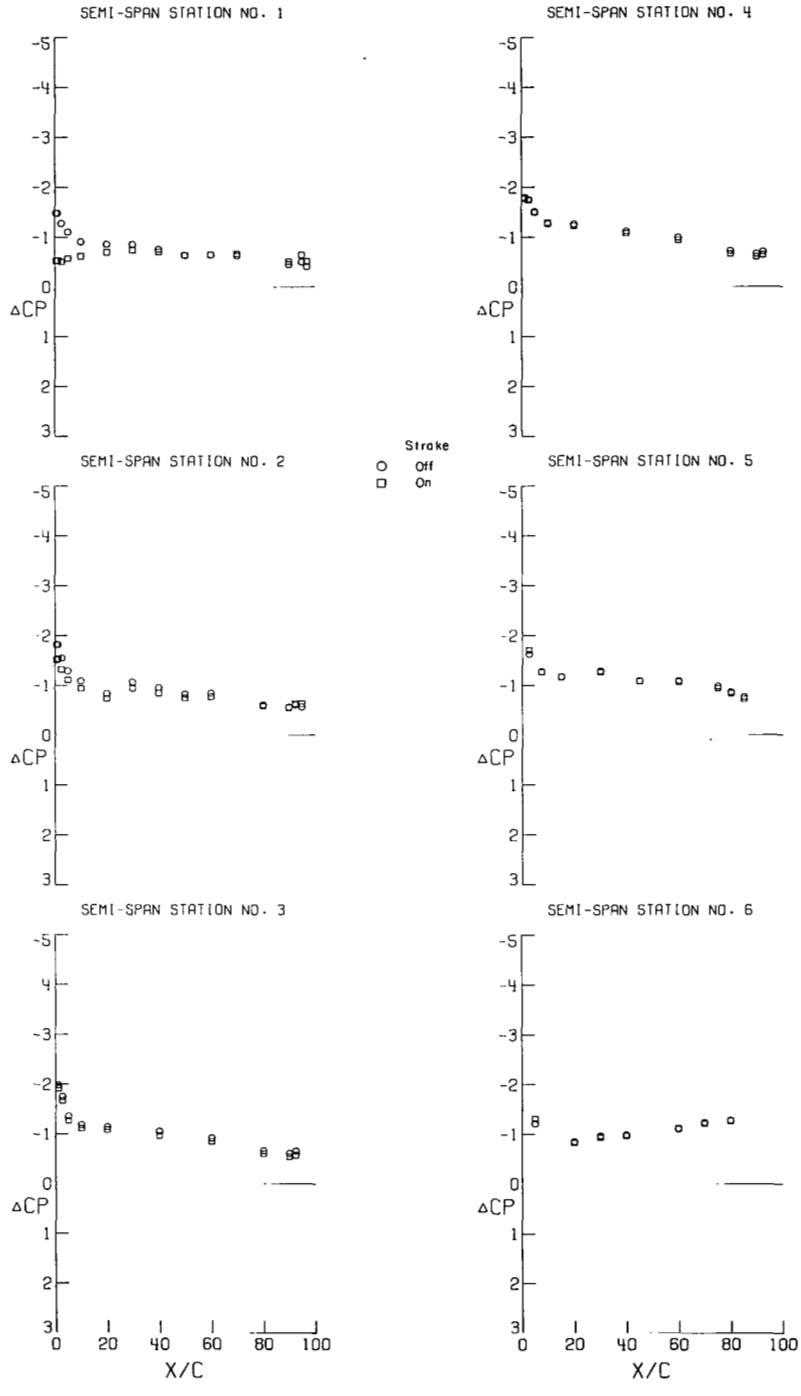
(f) $\alpha = 6.28^{o}$.

Figure 8.- Continued.



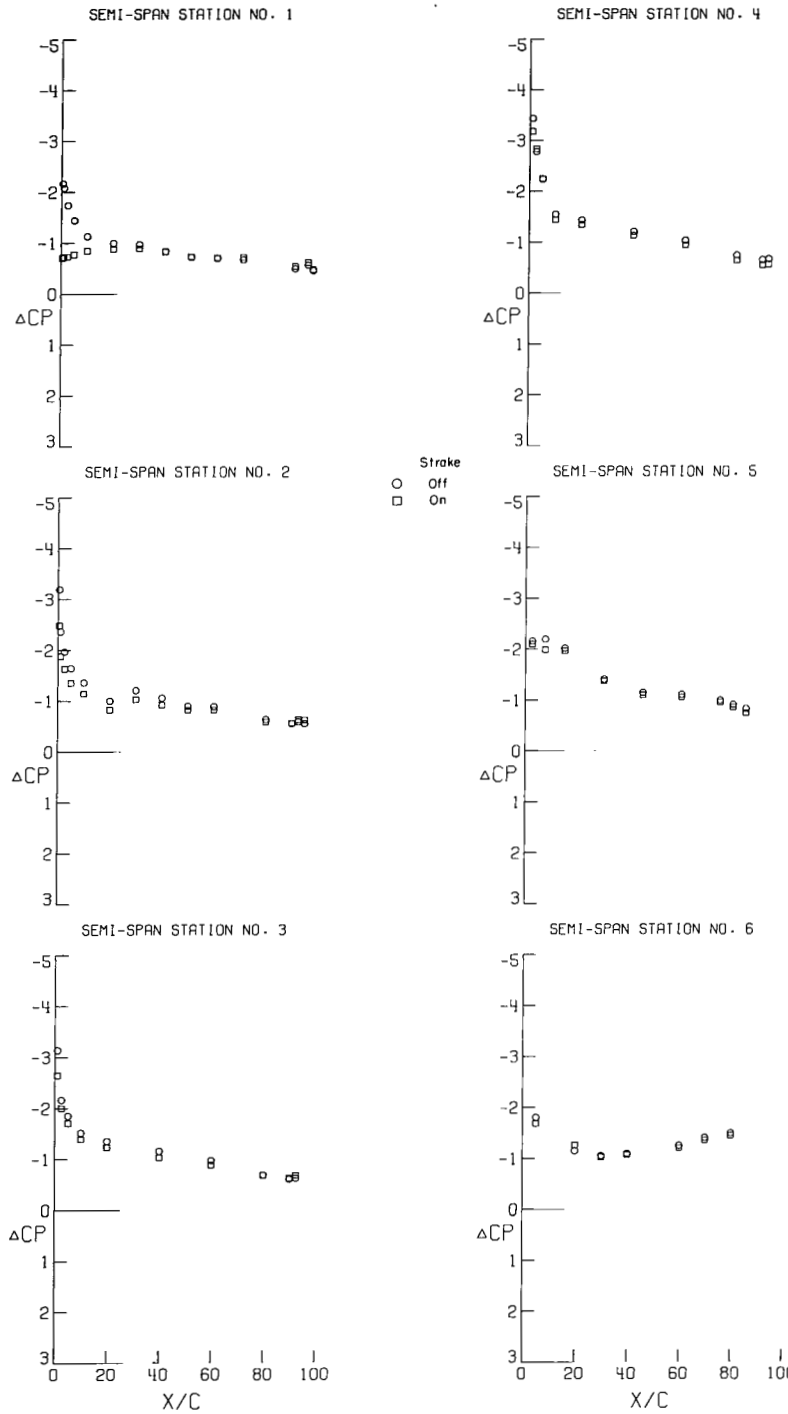
(g) $\alpha = 8.42^{o}$.

Figure 8.- Continued.



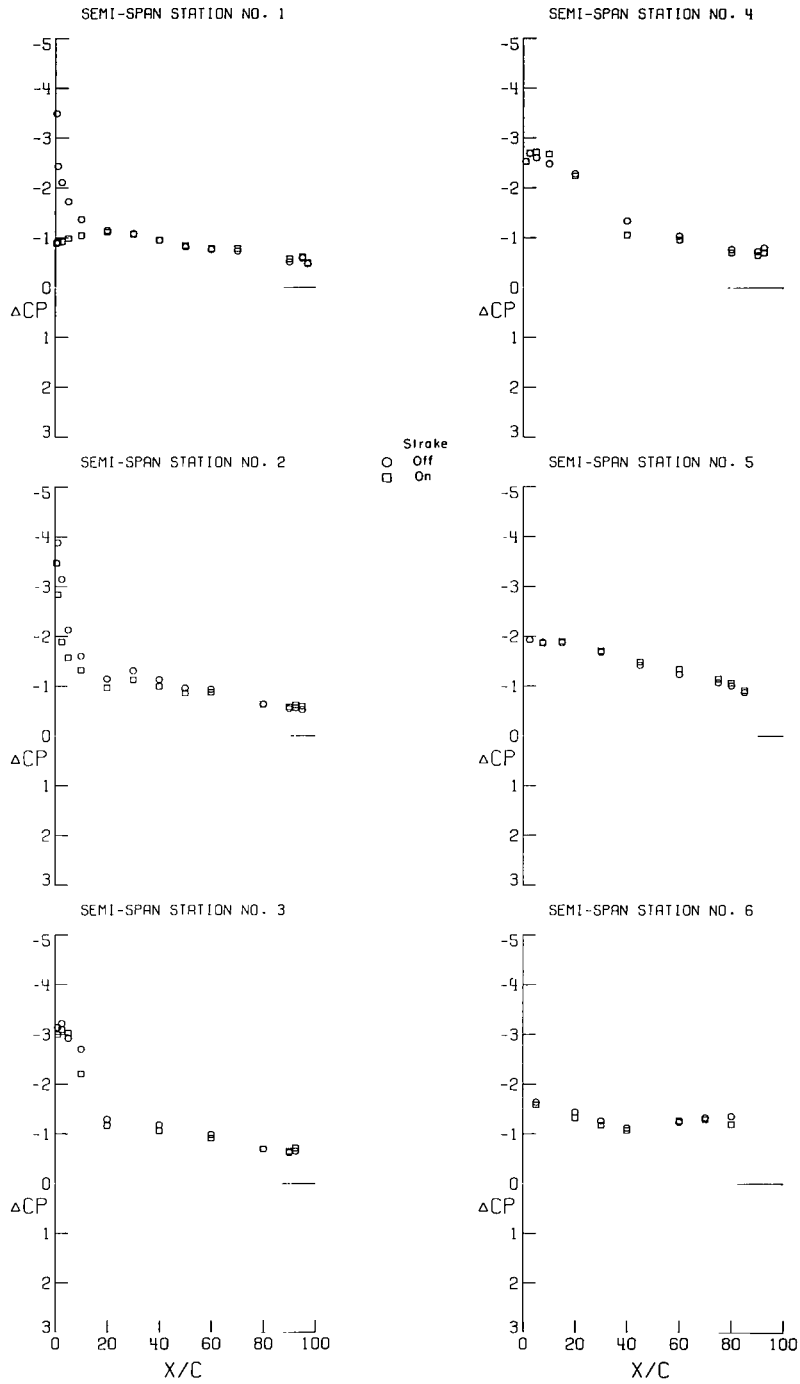
(h) $\alpha = 10.60^{o}$.

Figure 8.- Continued.



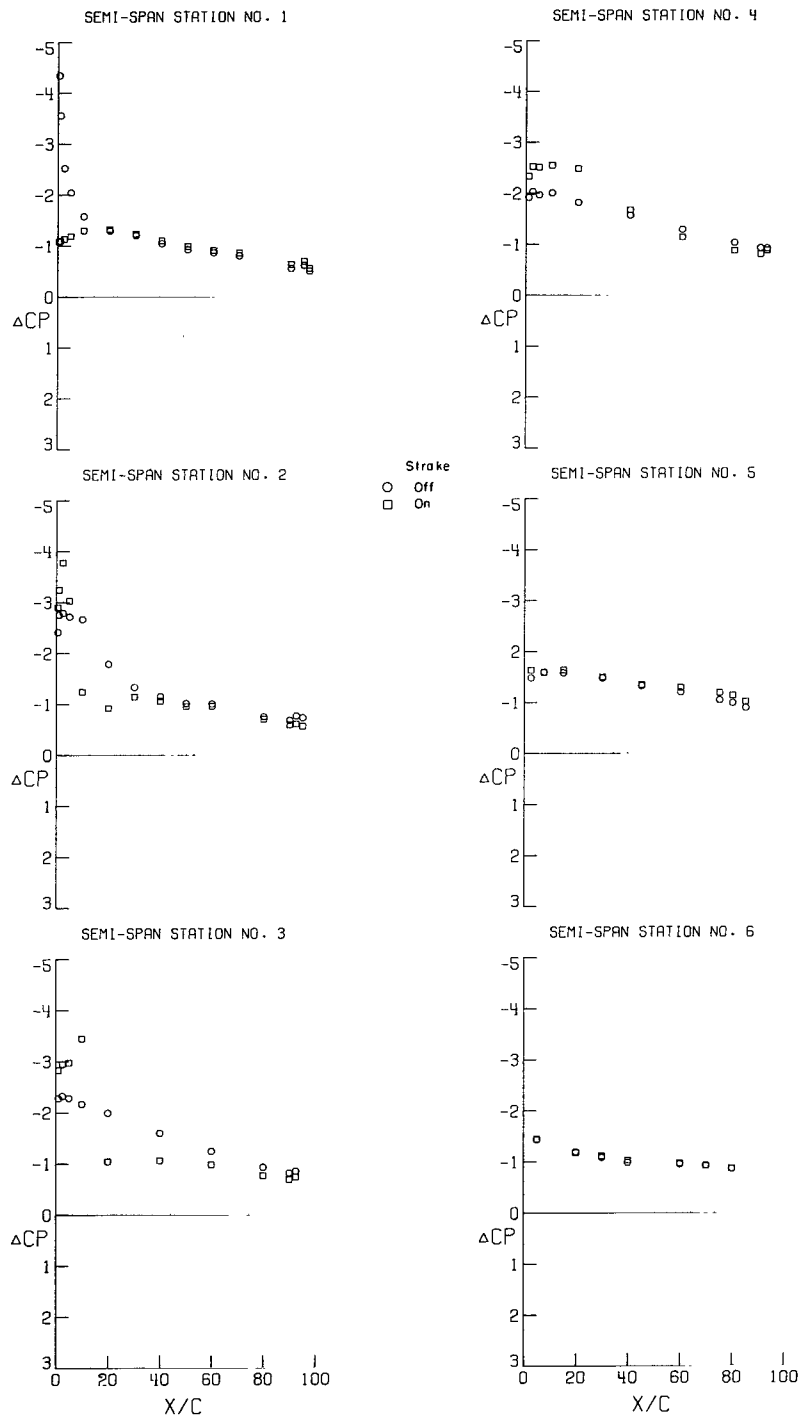
(i) $\alpha = 12.82^{o}$.

Figure 8.- Continued.



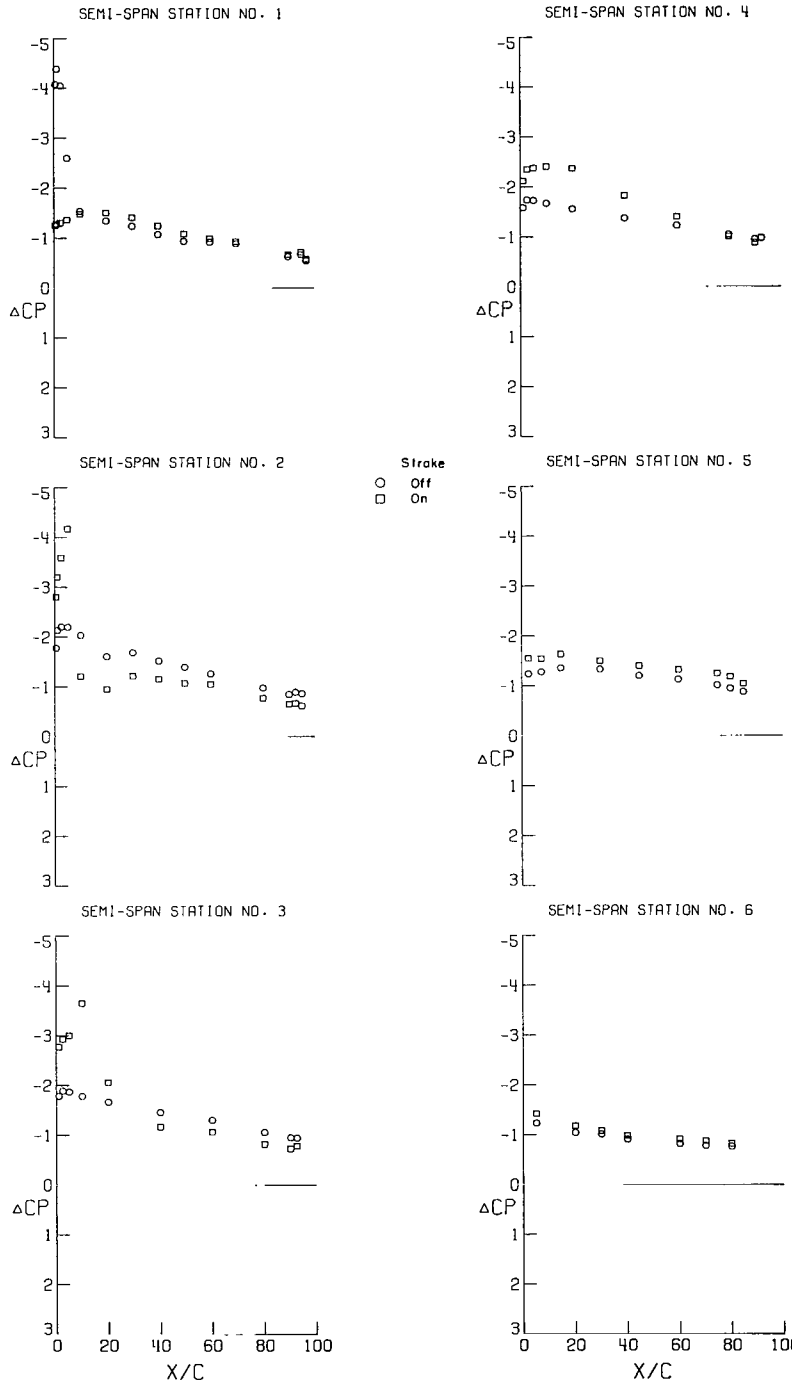
(j) $\alpha = 15.12^{o}$.

Figure 8.- Continued.



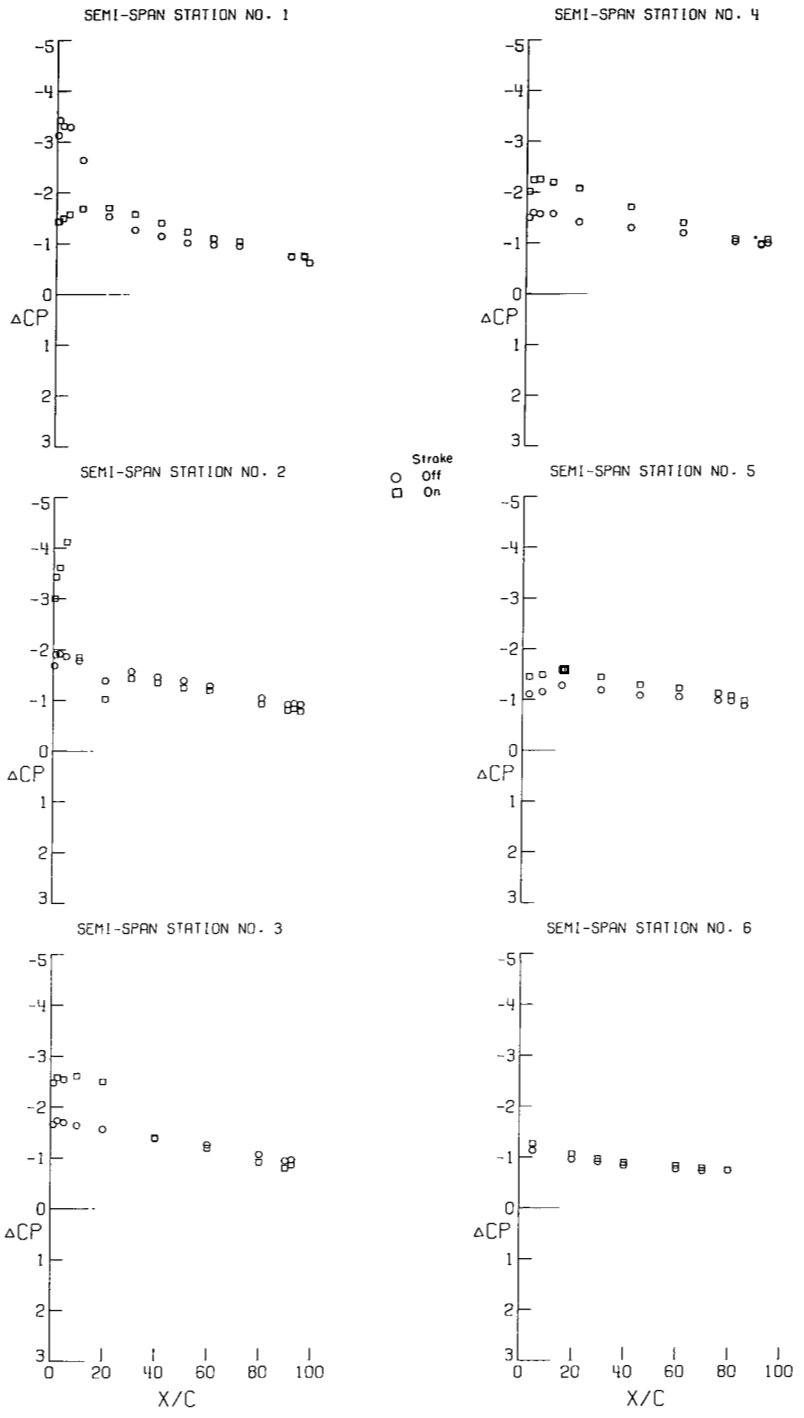
(k) $\alpha = 17.27^{o}$.

Figure 8.- Continued.



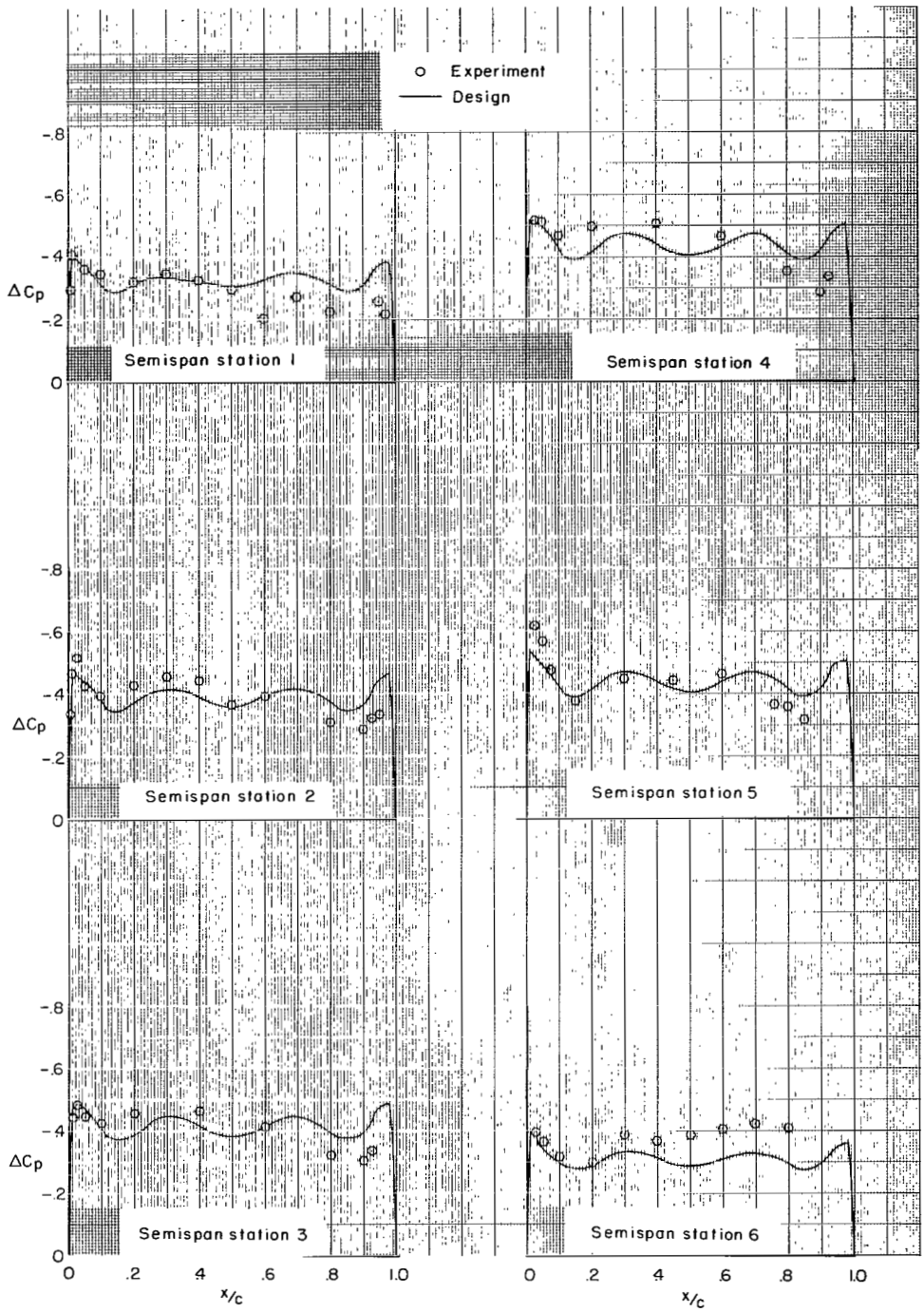
(l) α = 19.42°.

Figure 8.- Continued.



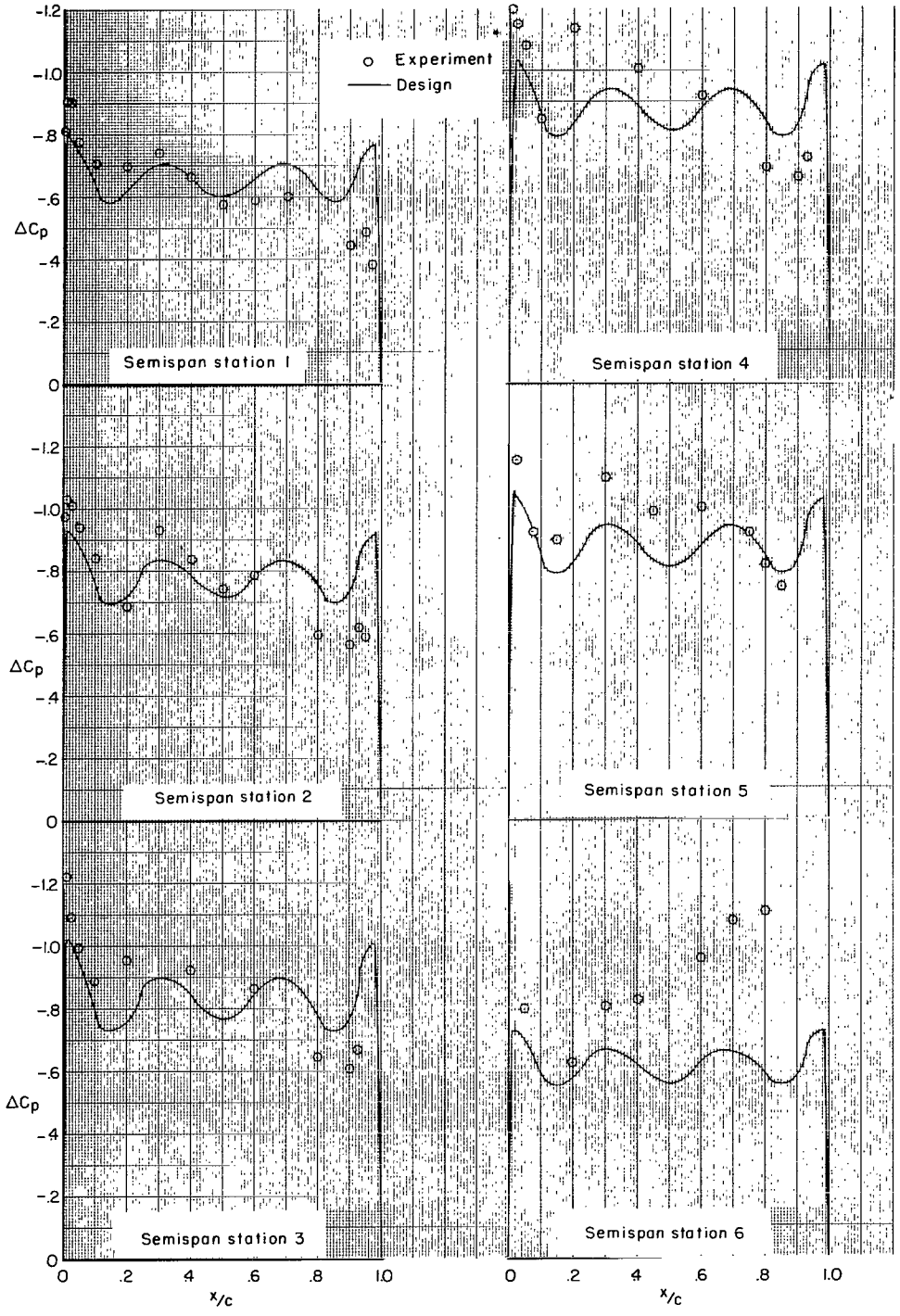
(m) $\alpha = 21.53^{o}$.

Figure 8.- Concluded.



(a) $C_{L,d} = 0.35$ and $\alpha = 4.09^{o}$.

Figure 9.- Comparison of experimental and design pressure distribution on the model with strake off.



(b) $C_{L,d} = 0.70$ and $\alpha = 8.37^{o}$.

Figure 9.- Concluded.

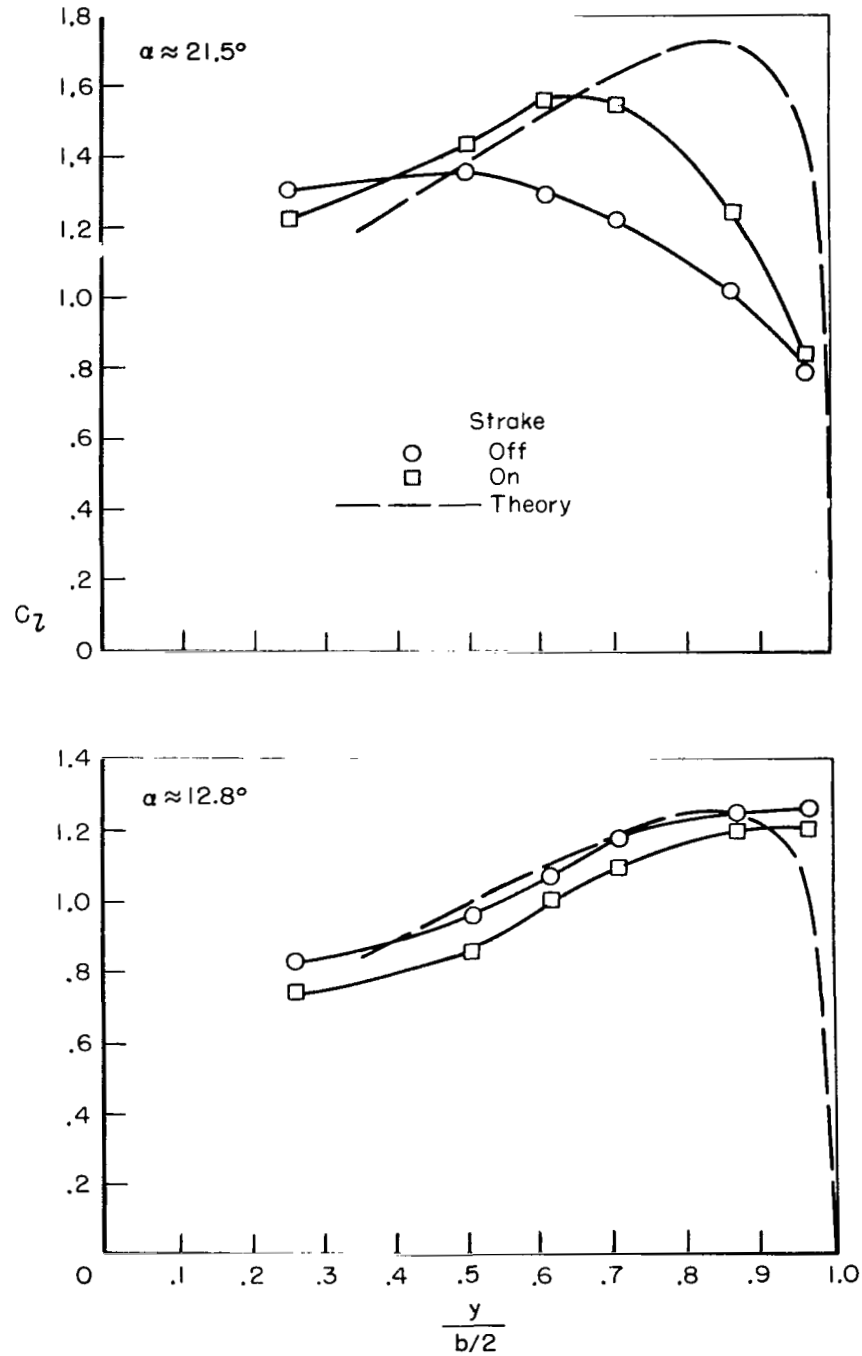


Figure 10.- Comparison of experimental and estimated spanwise lift distribution at two angles of attack for the strake on and off. $C_{L,d} = 0.70$.

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